

Appendix N
Phase II Soil Sampling



Phase II Soil Sampling

**Assessor's Parcel Numbers
646-310-17, 646-240-30, and
646-080-26, -27, -28, -29, -31, -32,
and -33
Vicinity of 9300 Otay Mesa Road
San Diego, California**

Presented to:

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March 2, 2016
Project Number: 01203535.32

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San Diego, CA 92121

Subject: Phase II Soil Sampling (Assessment)

**Site: Assessor's Parcel Numbers 646-310-17, 646-240-30, and 646-080-26, -27, -28, -29, -31, -32, and -33
Vicinity of 9300 Otay Mesa Road
San Diego, California**

Dear Ms. Rosati:

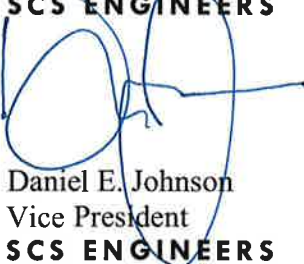
SCS Engineers (SCS) is pleased to present this report (Report) of the Phase II Soil Sampling activities (Assessment) of the above-described Site. This Report summarizes the results of the Assessment that was conducted in order to evaluate the Site's current environmental conditions. The work described in this Report was performed by SCS in general accordance with Scope of Services Change 01 (SSC 01) to Exhibit 32 of the Consulting Agreement (Contract) between SCS and Sunroad Enterprises. The Contract was fully executed on August 29, 2006, Exhibit 32 was approved via electronic mail on July 13, 2015, and SSC1 was fully executed on December 3, 2015.

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
Staff Professional
SCS ENGINEERS



Daniel E. Johnson
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Table of Contents

Section	Page
1 Background	1
2 Objectives	2
3 Scope of Services	2
Preparation for Fieldwork	2
Soil Sampling Program Design and Selection of Boring Locations.....	2
Preparation of Health and Safety Plan	3
Utility Search and Markout.....	3
Field Activities.....	4
Former Agricultural Areas	4
Soil Berms	5
4 Physical Setting	6
Topography	6
Geology	6
Site-Specific Soils.....	7
Hydrogeology.....	7
5 Findings.....	7
Former Agricultural Areas.....	7
0.5 Foot BGS Samples.....	7
1.5 Feet BGS Samples.....	8
3 Feet BGS Samples	8
Soil Berms	9
6 Discussion.....	10
Former Agricultural Areas.....	10
Lateral Toxaphene Distribution	10
Vertical Toxaphene Distribution.....	10
Implications for Development	10
Risk-based Criteria.....	11
Waste-based Criteria Applicable to Proposed Soil Export	12
Optional Regulatory Oversight.....	12
7 Conclusions	13
8 Recommendations	14
9 Report Usage and Future Site Conditions	15
10 Likelihood Statements	15

Figures

- 1 4-Way Site Location Map
- 2 Site Plan With Boring Locations
- 3 Toxaphene Analytical Results: 0.5 Feet Below Grade
- 4 Toxaphene Analytical Results: 1.5 Feet Below Grade

Tables

- 1 Former Agricultural Areas Analytical Results
- 2 Soil Berm Analytical Results

Appendix

- A Laboratory Analytical Reports and Chain of Custody Documentation

1 BACKGROUND

SCS Engineers (SCS) understands that the property consists of approximately 253 acres of vacant land with Assessor's Parcel Numbers (APNs) 646-310-17, 646-240-30, 646-080-26, -27, -28, -29, -31, -32, and -33, located in the vicinity of 9300 Otay Mesa Road, San Diego, California (Site) (Figure 1).

SCS recently completed a report for the Site titled, *Phase I Environmental Site Assessment, Assessor's Parcel Numbers (APN) 646-310-17, 646-240-30, 646-080-26, -27, -28, -29, -31, -32, and -33, Vicinity of Otay Mesa Road and Harvest Road Intersection, San Diego California*, dated July 24, 2015 (Phase I ESA). The Phase I ESA presented the following conclusions and recommendations, summarized in the table below:

Environmental Concern	Recommendation
Potential organochlorine pesticides and arsenic in soils from historic agricultural activity at the Site between 1953 and 1989.	Subsurface assessment activities (soil sampling)
Unknown, potentially imported soils located in a berm along Harvest Road	

SCS understands that Sunroad Enterprises (Client) is proposing to develop the land with a mix of technology parks, commercial buildings, and residential home tracts (Figure 2). Note that SCS is using the parcel nomenclature provided in the *Conceptual Land-Use and Circulation Plan* published by Project Design Consultants (PDC Land-use Plan), dated March 13, 2015.

The Client indicated that the County of San Diego is requiring a Limited Phase II Environmental Site Assessment consisting of soil sampling in the locations with the highest likelihood of contamination (i.e., per County of San Diego recommendations - in pesticide mixing areas, petroleum milling areas, and areas where crops were grown), and in the areas with the greatest potential for human exposure to soils, such as in the location of proposed residential uses. A collection depth of six inches to 2 to 3 feet was recommended by the County of San Diego.

Based upon the Site reconnaissance and a review of aerial photographs conducted for the Phase I ESA, no obvious indications of pesticide mixing, storage, or disposal areas were observed at the Site (note that several structures were observed off-Site however at an adjacent property to the east at 6940 Otay Mesa Road). In addition, based on a review of historical aerial photographs of the Site, general agricultural fields were observed at the Site from 1953 to 1989, and possibly prior, and it appears that pesticides were likely applied in a uniform manner, as has been our experience with similar properties in Otay Mesa. Based on the interpretation that the pesticides were likely applied legally at the Site, and that it is anticipated that any pesticide-bearing soil identified on this project will not be exported and will be re-used on-Site, and considering the fact that the soil will not be disposed of under landfill conditions, sampling is being done for risk screening rather than for the purposes of waste characterization and disposal.

Additionally, the Client indicated that the northeastern portion of the Site (parcel "M" situated to the northeast of the proposed continuation of Lone Star Road) is proposed to be open space and is not to be a part of the proposed sampling activities. Based on our correspondence with the Client, SCS understands the Client has requested this Phase II Soil Sampling (Assessment) be conducted at the Site as part of Site development activities.

2 OBJECTIVES

The objectives of the proposed scope of services were to assess the possible presence, concentration, and extent of:

- Organochlorine pesticides (OCPs) and arsenic within the historical agricultural areas of the Site.
- Screen the soil berms that may be comprised of imported soil material for possible constituents of concern (CoCs) such as total petroleum hydrocarbons (TPH), OCPs, and metals.

3 SCOPE OF SERVICES

PREPARATION FOR FIELDWORK

Soil Sampling Program Design and Selection of Boring Locations

Prior to field activities, SCS designed a soil sampling program and soil boring locations taking into account the Client's proposed future Site land-uses and historical Site land-uses (Figure 2).

Based on the PDC Land-use Plan, there are five major types of land-use proposed at the Site: open space, roads, mixed-use with residential emphasis, mixed-use with commercial emphasis, and technology business park. Per the Client's request, land-use designated as open space was omitted from sampling activities.

In addition to the open space areas omitted based on future land-use designation, the SCS Phase I ESA identified a Central Mesa Area that is generally comprised of hummocky terrain with uneven naturally occurring earthen mounds, where based upon a review of historical aerial photographs, agriculture historically had never taken place. With the exception of a man-made reservoir that potentially could have previously been applied with pesticides, the Central Mesa Area was omitted from sampling activities.

The soil sampling procedures, including soil sample analysis for organochlorine pesticides and arsenic, were scoped in general accordance with a guidance document issued by the Department of Toxic Substances Control (DTSC), titled "Interim Guidance for Sampling Agricultural Properties (Third Revision)," dated August 7, 2008 (DTSC Guidance). Note that although the amount of sample locations per acre used for this Assessment were less than the amount listed in the DTSC Guidance (i.e., per DTSC Guidance it could be interpreted that 152 sample locations be used based on the area of the Site, and 102 locations were used in this Assessment), the DTSC Guidance allows for composite soil sampling that reduces the amount of discrete laboratory analyses performed. However, in our experience, composite sampling can overall reduce usefulness of any reported pesticide concentrations of an area, and composite sampling was not performed for this Assessment. Since the DTSC Guidance allows for compositing up to four soil samples into one sample for laboratory analysis purposes, the actual amount of laboratory

analyses conducted on soil samples for this Assessment was greater than the DTSC Guidance requires, and in our opinion created a more robust and defensible data set. Further, a greater sampling density was used for this Assessment in proposed mixed-use areas with a residential emphasis.

Taking into account the general procedures of the DTSC Guidance and the above-referenced omitted areas (i.e., open space area and Central Mesa Area), SCS designed a soil sampling program based on a triangular grid pattern using ArcGIS 10.2 with approximate equal spacing based on the land-use type. Based on the potential for longer term exposure to any OCPs and/or arsenic present in soil, proposed residential emphasis areas were weighted with a higher density of borings. The following table summarizes the boring distribution with respect to proposed land-uses at the Site:

Land Use Type	Parcel IDs	Approximate Size (Acres)	Number of Borings	Borings per Acre	Approximate Spacing (feet)
Mixed-Use, Residential Emphasis	B, C, D, G, H	67.25	60	0.89	250
Mixed-Use, Commercial Emphasis	A, E, F	71.35	36	0.50	350
Technology Business Park	I, K	7.55	4	0.53	350
Total		146.15	100	0.68	N/A

After the borings were plotted in ArcGIS 10.2, the coordinates for each boring were uploaded to a Garmin GPSMAP 60CSx global positioning system (GPS) with a horizontal accuracy of ± 15 foot. The GPS was then used to locate and mark boring locations at the Site.

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 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 and contracted 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 as required by state law, and Ticket Number A53501183 was issued. Additionally, SCS contracted a private utility locator (Subsurface Alert) to clear utilities in designated boring locations prior to the commencement of drilling activities. These procedures were designed to minimize the likelihood of drilling into a subsurface utility.

FIELD ACTIVITIES

Former Agricultural Areas

On December 21, 2015 and January 14, 2016, a total of 296 soil samples from 100 soil borings were collected at the Site with the use of a truck mounted direct push drilling rig to assess the extent of OCPs and arsenic at the Site. Due to access issues, boring locations and soil samples from B020 and B021 were advanced and collected with the use of a hand auger. Soil samples were collected from each boring at depths of 0.5, 1.5, and 3 feet below grade. The following table summarizes soil samples collected in former agricultural areas at the Site:

Boring Identifier	Location	Rationale	Depths Collected (feet bgs)	Number of Samples Analyzed
B001 to B060	Parcels B, C, D, G, H: mixed-use areas with residential emphasis	Assess for arsenic and organochlorine pesticides (OCPs) in former agricultural areas	0.5 1.5 3	OCPs: 60 As: 60 OCPs: 33 As: 0 OCPs: 4 As: 0
B061 to B096	Parcels A, E, F: mixed-use areas with employment emphasis		0.5 1.5 3	OCPs: 36 As: 36 OCPs: 26 As: 0 OCPs: 3 As: 0
B097 to B100	Parcels I, K: technology business park areas		0.5 1.5 3	OCPs: 4 As: 4 OCPs: 3 As: 0 OCPs: 0 As: 0

Notes:

Feet bgs: feet below ground surface.

OCPs analyzed by EPA Method 8081A

Arsenic analyzed by EPA Method 6010B

Soil samples were collected from a stainless steel drilling rod with an internal clear acetate liner. Relevant sample depths were cut from the acetate liner into sections and the ends of each section were covered with Teflon sheets and plastic caps; hand auger samples were placed into 4 ounce sample jars. The sleeves and/or jars were labeled and placed in an ice-filled cooler for delivery to American Scientific Laboratories, a state-accredited laboratory, for analysis. 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.

Sample Analysis

Based on SCS's professional experience with former agricultural areas and on review of the DTSC Guidance, due to the surficial application of pesticides and relative immobility of pesticides, the highest concentrations of OCPs and arsenic are generally found in the shallowest soil, and concentrations tend to decrease with depth. Therefore, the initial samples analyzed were those collected from 0.5 feet below ground surface (bgs), with the 1.5 and 3 foot bgs samples being archived pending analysis based on the analytical results from the 0.5 foot bgs samples.

From the analytical results of the 0.5 foot samples, any detectable OCP was compared to its respective Environmental Protection Agency (EPA) Regional Screening Level¹ (RSL) for a residential land use scenario. The RSL is a risk-based concentration derived from long-term exposure assumptions and EPA toxicity criteria that is meant to be protective of human health using conservative exposure assumptions. Arsenic was compared to a Department of Toxic Substance Control (DTSC) established naturally occurring/background maximum screening value of 12 milligrams per kilogram (mg/kg), specifically established based on a DTSC study² of arsenic in Southern California soils. A table of the applicable screening levels is presented below:

Analyte	Screening Value	Units	Source
DDD	2,300	µg/kg	EPA
DDE	2,000		
DDT	1,900		
Toxaphene	490		
Arsenic	12	mg/kg	DTSC

Notes:

µg/kg: micrograms per kilogram

mg/kg: milligrams per kilogram

DDD: 4,4'-dichlorodiphenyldichloroethane

DDE: 4,4'-dichlorodiphenyldichloroethylene

DDT: 4,4'-dichlorodiphenyltrichloroethane

If a sample collected from 0.5 foot had an analyte concentration above its respective RSL or screening value, the sample from 1.5 feet bgs in the same boring would be analyzed. Subsequently, if the 1.5 feet bgs sample had an analyte concentration above its respective screening value, the 3 feet bgs sample would be analyzed. Samples that had analytes under their respective screening value did not have deeper samples analyzed. Using this methodology, 169 of the 296 soil samples collected were analyzed for OCPs: 100 from 0.5 feet bgs, 62 from 1.5 feet bgs, and 7 from 3 feet bgs. For arsenic, 100 of the 296 soil samples collected were analyzed, all from 0.5 feet bgs.

Soil Berms

On January 14, 2016 a total of two soil surface grab samples were collected from a soil berm running along the west side of Harvest Road adjacent to APN 646-240-30 to assess the presence of OCPs, petroleum hydrocarbons, and Title 22 Metals. Note that the soil berm identified in the SCS Phase I ESA at the entrance to the Central Mesa Area was not observed during this Assessment and was likely transported off-Site or significantly eroded by rain events; therefore,

¹ *Regional Screening Level Summary Table*, EPA Region 9, updated November 2015

² *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, G. Chernoff et al., California Department of Toxic Substances Control.

it could not be sampled as part of this Assessment. The following table summarizes soil samples collected from the soil berm at the Site:

Sample Identifier	Location	Rationale	Sample Depths (feet bgs)	Analysis: Number of Samples Analyzed
SP1, SP2	West side of Harvest Road adjacent to APN 646-240-30	Assess for OCPs, TPH, and Title 22 Metals	Surface	OCPs: 2 TPH: 2 Title 22: 2

Notes:

Feet bgs: feet below ground surface.

OCPs analyzed by EPA Method 8081A

Title 22 Metals analyzed by EPA Method 6010B

TPH analyzed by EPA Method 8015B

Samples were collected in 8 ounce glass jars, labeled, and placed in an ice-filled cooler for delivery to American Scientific Laboratories, a state-accredited laboratory, for analysis. Chain-of-custody procedures were implemented for sample tracking.

4 PHYSICAL SETTING

TOPOGRAPHY

A topographic map for the Site vicinity was reviewed and is summarized in the following table.

Reported Elevation	Ranges from approximately 500 feet to 620 feet above mean sea level
Reported Slope Direction	Varies
Source	United States Geological Survey 7.5 Minute Topographic Map, Otay Mesa Quadrangle, California – San Diego County, 2015

GEOLOGY

A geological map for the Site vicinity was reviewed and is summarized in the following table.

Reported Formation	Otay Formation (To); Fanglomerate (Tf)
Reported Description	To: Oligocene-aged, light-gray and light-brown, moderately well sorted, poorly indurated massive sandstone and claystone. Claystone is waxy and is composed almost exclusively of bentonite. The topographic expression of the unit is gently rolling and subdued. Tf: Pliocene and Miocene-aged, unnamed boulder-fanglomerate, crops out near Lower Otay Reservoir. The fanglomerate rests nonconformably upon low-grade metavolcanic rocks. Clasts are fresh and angular and have compositions identical to the basement rocks exposed nearby. The matrix of the fanglomerate consists of medium- and coarse-grained, light-brown sandstone and waxy light-brown bentonite. Fanglomerate interfingers with strata of the Otay Formation to the west.
Source	Todd, V.R., <i>Preliminary Geologic Map of the El Cajon 30' x 60' Quadrangle, Southern California, Version 1.0</i> , California Geological Survey, 2004

SITE-SPECIFIC SOILS

The following table summarizes Site specific soils encountered during the Assessment.

Observed Soil Description	Ground surface to ~2 feet bgs: very fine to fine sand with silt and trace clay. Brown to yellowish brown. Moist. Soft. Frequent organic debris. No odor. Interpreted to be former agricultural soils. ~2 feet bgs to 3 feet bgs: very fine sand with trace of silt. Very light gray to white. Dry. Loose. No odor. Interpreted to be native Otay Formation.
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HYDROGEOLOGY

Data regarding depth to groundwater and flow direction for the Site were not readily available. In the absence of Site-specific data, depth to groundwater and flow direction information was reviewed for properties within the Site vicinity using the State Water Resources Control Board GeoTracker database. The following table summarizes the results of this review.

Property Location	Approximately 6,000 feet west of Site
Reported Depth	179 to 185 feet bgs, with perched layers at approximately 65 to 69 feet bgs
Reported Flow Direction	Southeast
Source	Groundwater data dated August 2015, provided by GeoTracker for facility identified as City of San Diego, GEN SER, Brown Field, 1424 Continental Street, San Diego CA

Many variables influence depth to groundwater and flow direction and that the actual depth to groundwater and flow direction at the Site may be different than presented in this section.

5 FINDINGS

Analytical data for soil samples collected during the Assessment are summarized in Tables 1 and 2 and in Figures 3 and 4, and are described below. The laboratory reports with complete soil sample analytical data are included in Appendix A.

FORMER AGRICULTURAL AREAS

0.5 Foot BGS Samples

DDD was detected above the laboratory reporting limit in 79 of the 100 samples analyzed from 0.5 foot bgs, with concentrations ranging from 4.44 µg/kg (B064) to 86.4 µg/kg (B094). No samples were above the residential RSL screening value of 2,300 µg/kg.

DDE was detected above the laboratory reporting limit in 97 of the 100 samples analyzed from 0.5 foot bgs, with concentrations ranging from 7.82 µg/kg (B023) to 2,140 µg/kg (B084). Five samples were above the residential RSL screening value of 2,000 µg/kg.

DDT was detected above the laboratory reporting limit in 93 of the 100 samples analyzed from 0.5 foot bgs, with concentrations ranging from 7.72 µg/kg (B077) to 700 µg/kg (B092). No samples were above the residential RSL screening value of 1,900 µg/kg.

Toxaphene was detected above the laboratory reporting limit in 90 of the 100 samples analyzed from 0.5 foot bgs, with concentrations ranging from 171 µg/kg (B015) to 3,160 µg/kg (B094). Sixty-two samples were above the residential RSL screening value of 490 µg/kg.

No other OCPs were detected above their respective laboratory reporting limit in any of the 0.5 foot bgs samples analyzed.

Arsenic was detected above the laboratory reporting limit in 100 of the 100 samples analyzed, with concentrations ranging from 0.93 mg/kg (B021) to 8.92 mg/kg (B054). No samples were above the DTSC guidance regarding naturally occurring/background maximum screening value of 12 mg/kg.

1.5 Feet BGS Samples

DDD was detected above the laboratory reporting limit in 18 of the 62 samples analyzed from 1.5 feet bgs, with concentrations ranging from 4 µg/kg (B048 and B022) to 70.1 µg/kg (B074). No samples were above the residential RSL screening value of 2,300 µg/kg.

DDE was detected above the laboratory reporting limit in 61 of the 62 samples analyzed from 1.5 feet bgs, with concentrations ranging from 4.61 µg/kg (B090) to 812 µg/kg (B074). No samples were above the residential RSL screening value of 2,000 µg/kg.

DDT was detected above the laboratory reporting limit in 13 of the 62 samples analyzed from 1.5 feet bgs, with concentrations ranging from 4.83 µg/kg (B031) to 67.6 µg/kg (B074). No samples were above the residential RSL screening value of 1,900 µg/kg.

Toxaphene was detected above the laboratory reporting limit in 21 of the 62 samples analyzed from 1.5 feet bgs, with concentrations ranging from 170 µg/kg (B048) to 1,860 µg/kg (B034). Seven samples were above the residential RSL screening value of 490 µg/kg.

No other OCPs were detected above their respective laboratory reporting limit in any of the from 1.5 feet bgs samples analyzed.

3 Feet BGS Samples

DDD was not detected above the laboratory reporting limit in any of the seven samples analyzed from 3 feet bgs.

DDE was detected above the laboratory reporting limit in 5 of the 7 samples analyzed from 3 feet bgs, with concentrations ranging from 5.48 µg/kg (B028) to 19.6 µg/kg (B074). No samples were above the residential RSL screening value of 2,000 µg/kg.

DDT was not detected above the laboratory reporting limit in any of the seven samples analyzed from 3 feet bgs.

Toxaphene was not detected above the laboratory reporting limit in any of the seven samples analyzed from 3 feet bgs.

No other OCPs were detected above their respective laboratory reporting limit in any of the 3 feet bgs samples analyzed.

SOIL BERMS

DDD, DDE, and DDT were detected above the laboratory reporting limit in sample SP2 at concentrations of 6.36 µg/kg, 471 µg/kg, and 49.6 µg/kg, respectively. None of these values are above their respective residential RSL screening limits. These analytes were not detected above the laboratory reporting limit in sample SP1.

Toxaphene was detected above the laboratory reporting limit in both samples at concentrations of 332 µg/kg (SP1) and 409 µg/kg (SP2), which are below the residential RSL screening value of 490 µg/kg.

Total petroleum hydrocarbons as oil (TPHo) were detected above the laboratory reporting limit in sample SP1 at a concentration of 164 mg/kg. TPHo was not detected above the laboratory reporting limit in sample SP2.

Total petroleum hydrocarbons as diesel (TPHd) and as gasoline (TPHg) were not detected above the laboratory limit in either sample.

The following tables summarize Title 22 Metals from both soil samples:

Sample	Sb	As	Ba	Be	Cd	Cr	Co	Cu
SP1	< 0.5	8.55	94.5	< 0.5	0.954	15.3	2.58	26.8
SP2	< 0.5	4.72	116	< 0.5	< 0.5	8.7	4.58	12.3
RSL	31	12	15000	160	71	--	23	3100

Sample	Pb	Hg	Mb	N	Se	Ag	Ti	V	Zn
SP1	28.2	0.119	0.601	5.72	< 0.5	< 0.5	< 0.5	11.7	115
SP2	8.76	< 0.05	< 0.5	6.95	< 0.5	< 0.5	< 0.5	22.1	37.2
RSL	80	9.4	390	--	390	390	--	390	23000

Notes:

Antimony=Sb, Arsenic=As, Barium=Ba, Beryllium=Be, Cadmium=Cd, Chromium=Cr, Cobalt=Co, Copper=Cu, Lead=Pb, Mercury=Hg, Molybdenum=Mb, Nickel=N, Selenium=Se, Silver=Ag, Thallium=Ti, Vanadium=V, Zinc=Zn

All values in mg/kg

< : less than the laboratory reporting limit

RSL: Residential RSL Screening Level

No Title 22 metals were above their respective residential RSL screening level.

6 DISCUSSION

FORMER AGRICULTURAL AREAS

Based on the analytical results from soil samples collected at the Site, the main constituent of concern detected in shallow soil above its respective screening level was the organochlorine pesticide toxaphene, and to a lesser extent DDE. The following discussion will be based on toxaphene concentrations, as all samples with concentrations of DDE above its residential RSL had coinciding toxaphene concentrations above its residential RSL.

Lateral Toxaphene Distribution

The analytical results from samples analyzed from 0.5 feet below grade (Figure 3) indicate that the highest concentrations of toxaphene at 0.5 feet below grade are generally present at the southern portion of the Site towards Otay Mesa Road and lessen towards the north of the Site. The toxaphene impacted areas (areas with toxaphene above its screening level) include the southern half of Parcels A, C, D, and I, and the majority of Parcels E, F, G, H, and K. The least impacted parcels include the northern half of Parcels A, C, D, and I, and the entirety of Parcel B.

The analytical results from samples analyzed from 1.5 feet below grade (Figure 4) indicate that the highest concentrations of toxaphene at 1.5 feet below grade are generally present at the south-central portion of the Site. The toxaphene impacted areas include the north half of Parcel G, the northwest portion of Parcel F, the southwest portion of Parcel F, the southern portion of Parcel D, and the northern portion of Parcel H.

The analytical results from samples analyzed from 3 feet below grade indicate that there were no toxaphene impacted areas at this depth. Note that the only OCP detected at 3 feet bgs was DDE, which was detected in 5 soil samples at low concentrations below its screening level.

Vertical Toxaphene Distribution

The analytical results from the samples analyzed indicate that toxaphene concentrations decrease with depth across the Site. An exception was observed in boring B074, which had its highest toxaphene concentration observed at 1.5 feet below grade at 1,330 µg/kg; however, the toxaphene concentration decreased at 3 feet below grade to below the laboratory reporting limit of 170 µg/kg.

IMPLICATIONS FOR DEVELOPMENT

The EPA³ lists toxaphene as a probable carcinogen and as a toxic substance; therefore, based on its presence in the shallow subsurface at the Site at concentrations that exceed the residential RSL, mitigation measures would need to be taken during development activities to ensure

³ U.S. Environmental Protection Agency. Integrated Risk Information System (IRIS) on Toxaphene. National Center for Environmental Assessment, Office of Research and Development, Washington, DC. 1999.

adequate protection of human health and environment. There are generally two categories of mitigation, including risk-driven remediation required by future land uses (risk-based criteria), and remediation required to control the off-Site reuse of soil deemed to be a regulated waste based on the presence of CoCs (waste-based criteria).

Risk-based Criteria

The risk-based criteria described herein are based on the residential and industrial RSLs established for toxaphene by the EPA, which are 490 µg/kg and 2,100 µg/kg, respectively. These values are based upon default exposure assumptions and inferred exposure pathways, which are meant to be protective of human health over an average lifetime. Note that these values are not necessarily clean-up standards, and future site-specific information may warrant the use of Site-specific screening levels or a Site-specific risk assessment.

Taking into account the future land-use depicted in the PDC Land-use Plan and the distribution of toxaphene concentrations observed at the Site, the following parcels contain toxaphene concentrations above their applicable RSL. Note that the screening level depicted for the “mixed-use: commercial emphasis” shown in the table below is the residential RSL, since at this stage it is not known for certain whether a residential land-use will occur in these areas, and to be conservative the residential RSL is shown. Once the final land uses are known or more certain, this analysis should be updated, and additional sampling may be warranted to verify the areas of pesticide-bearing soil, particularly once building locations or pads are better known.

Land-use	Toxaphene Screening Level (µg/kg)	Depth (feet below grade)	Parcels With Toxaphene > Screening Level
Mixed-use: Residential Emphasis	490	0.5	C, D, G, H
Mixed-use: Residential Emphasis	490	1.5	D, G, H
Mixed-use: Commercial Emphasis	490	0.5	A, E, F
Mixed-use: Commercial Emphasis	490	1.5	F
Technology Business Park	2,100	0.5	None
Technology Business Park	2,100	1.5	None

The parcels indicated above may require mitigation based on their exceedance of their respective RSL. The mitigation is primarily driven by an assumption of a complete exposure pathways between toxaphene-bearing soil and future occupants of the Site. It has been SCS’s experience that if toxaphene-bearing soil in mitigation areas can be relocated under proposed hardscape areas, or moved to proposed landscape areas and capped with a clean soil buffer, this can effectively eliminate exposure pathways and health risk at the Site. This method readily ties into grading operations that would already have to take place at the Site. This methodology has been successfully used on a number of sites and projects by SCS in San Diego County and is usually implemented based on a coordinated grading and “Soil Management Plan” or “Soil Reuse Plan” design (see, e.g., http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2456969499/T06019780964.PDF).

Additionally, alternative methods of mitigation such as in-situ bioremediation or “dig-and-haul” may be utilized at the Site if volumes of toxaphene-bearing soil prove too large to practically bury under hardscape or for other reasons. Note that soil reuse is generally a significantly more cost effective alternative than exporting or dig-and-haul of soil. If soil export or dig-and-haul methods are needed during mitigation activities, where toxaphene-bearing soil needs to be excavated and transported to an approved disposal facility, certain waste-based criteria will be applied to ensure proper handling and disposal of soil containing a toxic substance, which is further discussed below.

Waste-based Criteria Applicable to Proposed Soil Export

Soils with detectable concentrations of pesticides are considered a regulated waste upon export by the Regional Water Quality Control Board, and which would require special handling and disposal under manifest to an appropriately licensed facility if exported from the Site. Based on the Client-provided *Environmental Log No. 98-19013B, Otay 250 Tentative Map*, by Stevens-Cresto Engineering Inc., dated July 2015, grading activities at the Site have a net balance where no soils are planned to be imported or exported from the Site; however, if soil containing detectable concentrations of OCPs is required to be exported from the Site, that soil will be subject to waste regulations.

In addition to the regulated waste criteria described above and for soil with higher concentrations of OCPs such as toxaphene, there is applicable waste criteria at which a toxaphene concentration would deem a soil be characterized as hazardous waste under California law if exported from the Site. This threshold is deemed the Total Threshold Limit Concentration (TTLC), and the TTLC for Toxaphene is 5,000 µg/kg. While no samples from this Assessment had toxaphene exceeding the TTLC threshold, if any future sampling activities at the Site have toxaphene concentrations above the TTLC, it may be deemed a hazardous waste if exported from the Site.

Additionally, if large quantities of toxaphene-bearing soil are ultimately exported from the Site, additional analyses including Soluble Limit Threshold Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP) may need to be used to further characterize the soil with respect to toxaphene leachability prior to disposal.

In addition to the waste-based criteria for toxaphene in soil from former agricultural areas, based on the presence of pesticides and TPHo detected in the samples from the soil berm along Harvest Road, it would be categorized as a regulated waste if exported from the Site.

Optional Regulatory Oversight

SCS recommends that the Client consider enrolling in the San Diego Department of Environmental Health’s (DEH) Voluntary Assistance Program (VAP) pursuant to California Health and Safety Code Sections 101480-101490⁴. The VAP program provides DEH staff

⁴ The Voluntary Assistance Program (VAP) is designed to provide the applicant with DEH staff consultation, project review, and public health assessment pertaining to properties suspected or known to be contaminated with hazardous substances. California Health and Safety Code Sections 101480-101490 authorize the Department of Environmental Health (DEH) to enter into voluntary agreements for the oversight of remedial action at sites impacted by environmental constituents of concern and/or wastes.

consultation, project oversight, and technical/environmental report evaluation on projects pertaining to properties suspected or known to be contaminated with hazardous substances. A “No Further Action” or “Concurrence” letter can be provided if the implementation and execution of mitigation activities demonstrates that human health and the environment have been adequately protected during and at the conclusion of the development process.

Additionally, SCS recommends the design and implementation of a Soil Management Plan (SMP) at the Site. An SMP identifies effective remedial strategies at the Site, identifies the most-cost effective remedial strategy, and integrates environmental issues into the Site development process. Prior to development activities, the SMP could be submitted to the DEH for approval.

Prior to the implementation of the SMP and depending on the Client’s development plans and chosen mitigation strategy(ies), additional soil sampling for OCPs may be necessary to further delineate the lateral extent of pesticide bearing soil in the shallow subsurface prior to mitigation activities.

7 CONCLUSIONS

Based on the data obtained and reviewed as part of this Assessment, laboratory results, and current regulatory guidelines, and SCS’ experience and professional judgment, SCS concludes:

- To assess historical agricultural activities at the Site, SCS advanced 100 soil borings at representative areas of the Site, and collected soil samples from 0.5, 1.5, and 3 feet below ground surface (bgs), and initially analyzed the 0.5 foot bgs samples for arsenic and organochlorine pesticides (OCPs), and archived the deeper samples pending the results of the 0.5 foot bgs samples. In addition, to assess the soil berm along the west side of Harvest Road, SCS collected two surface grab samples and analyzed the samples for constituents of concern (CoCs) including total petroleum hydrocarbons (TPH), OCPs, and metals.
- Arsenic was detected above laboratory reporting limits in all of the 0.5 foot bgs samples in concentrations that ranged from 0.93 mg/kg (B021) to 8.92 mg/kg (B054). No samples were above the Department of Toxic Substance Control (DTSC) guidance regarding naturally occurring/background maximum screening value of 12 milligrams per kilogram (mg/kg).
- Toxaphene, 4,4'-dichlorodiphenyldichloroethane (DDD), 4,4'-dichlorodiphenyldichloroethylene (DDE), and 4,4'-dichlorodiphenyltrichloroethane (DDT) are present in shallow soil at the Site, with toxaphene being the primary pesticide of concern. Sixty-two samples from 0.5 foot bgs were above the Environmental Protection Agency (EPA) Regional Screening Level (RSL) screening value for residential users for toxaphene of 490 micrograms per kilogram (µg/kg). Seven samples were above the residential RSL for toxaphene for samples collected at 1.5 foot bgs. Toxaphene was not detected above the laboratory reporting limits in any of the 3 feet bgs samples analyzed. Note that DDE was the only other pesticide with concentrations above the residential RSL, as samples with concentrations of DDE above its residential RSL had coinciding toxaphene concentrations above its residential RSL. Note that the only OCP

detected at 3 feet bgs was DDE, which was detected in 5 soil samples at low concentrations below the residential RSL.

- Toxaphene concentrations are generally higher in the southern portion of the Site and decrease towards the north.
- Toxaphene concentrations generally decrease with depth, and were vertically delineated to concentrations below the residential RSLs based on the samples collected.
- Regarding parcels with a mixed-use with residential emphasis, Parcels C, D, G, and H have toxaphene above the residential RSL of 490 µg/kg at 0.5 feet below grade. Parcels D, G, and H have toxaphene above the residential RSL of 490 µg/kg at 1.5 feet below grade.
- Regarding parcels with a mixed-use with commercial emphasis, if a residential land-use is present in these areas, then Parcels A, E, and F have toxaphene above the residential RSL of 490 µg/kg at 0.5 feet below grade. Parcel F has toxaphene above the residential RSL at 1.5 feet below grade.
- Regarding parcels with a technology business park use, none of the samples collected from these areas were reported with OCPs above the industrial RSLs.
- The soil berm along Harvest Road was detected with the pesticides DDD, DDE, DDT, and toxaphene at concentrations below the residential RSL. In addition, TPH as oil (TPHo) was detected above the laboratory reporting limit in sample SP1 at a concentration of 164 milligrams per kilogram (mg/kg).
- If soil export is proposed for the Site, soils with detectable concentrations of pesticides or other CoCs such as TPH are considered a regulated waste upon export by the Regional Water Quality Control Board, and this soil would require special handling and disposal under manifest to an appropriately licensed facility.

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 the following:

- Once Site development plans are better defined, the creation and implementation of a Soil Management Plan (SMP) at the Site. A SMP identifies effective remedial strategies at the Site, identifies the most-cost effective remedial strategy, integrates environmental issues into the Site development process, and provides the means and methods for identifying, segregating, and properly handling CoC-bearing soil at the Site.
- Prior to the implementation of the SMP and depending on the Client's development plans, chosen mitigation strategy(ies), and whether soil export is proposed for the Site - additional soil sampling for organochlorine pesticides may be necessary to further delineate the extent of pesticide bearing soil in the shallow subsurface.

- At the optional discretion of the Client, to enroll in the San Diego Department of Environmental Health's Voluntary Assistance Program (VAP), which provides DEH staff consultation, project oversight, and technical/environmental report evaluation on projects pertaining to properties suspected or known to be impacted by hazardous substances.

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.

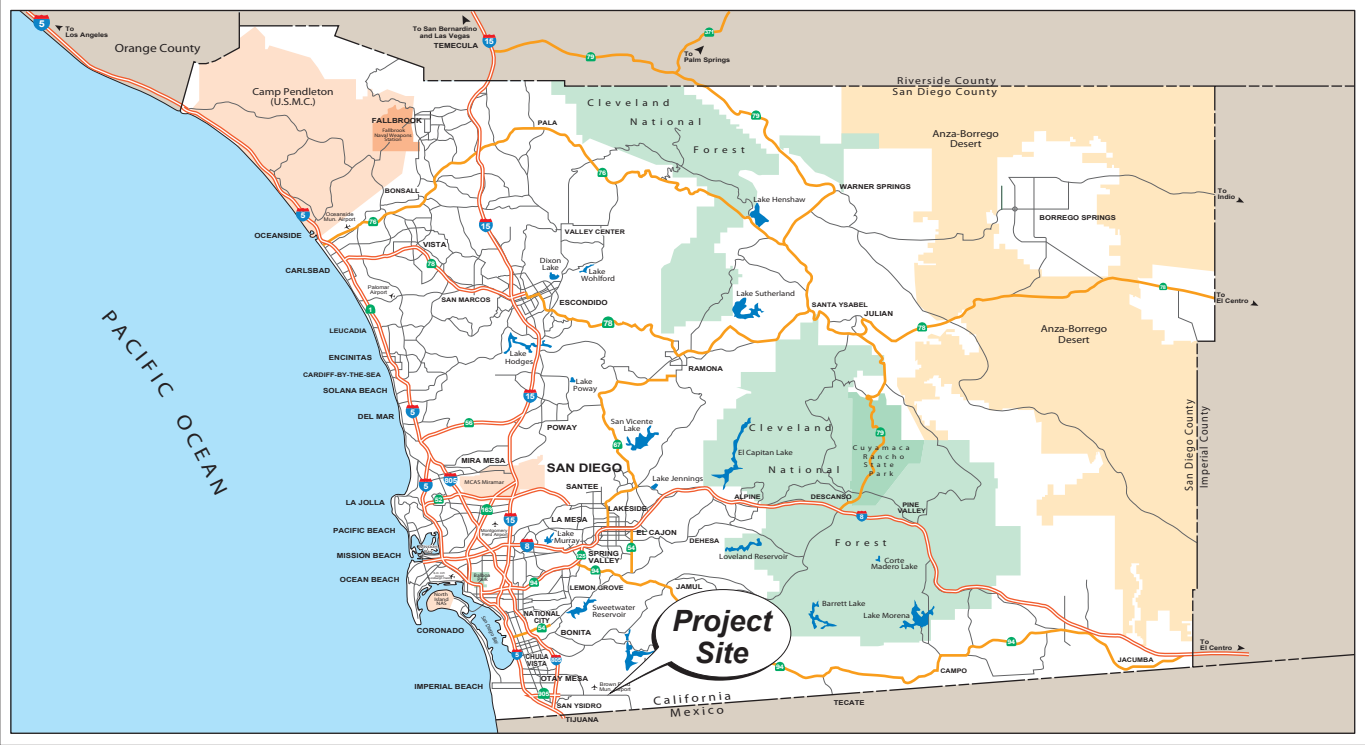
Although this Assessment has attempted to assess the likelihood that the Site has been impacted by a hazardous material/waste release, potential sources of impact may have escaped detection for reasons which include but are not limited to 1) SCS's reliance on inadequate or inaccurate information rightfully 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

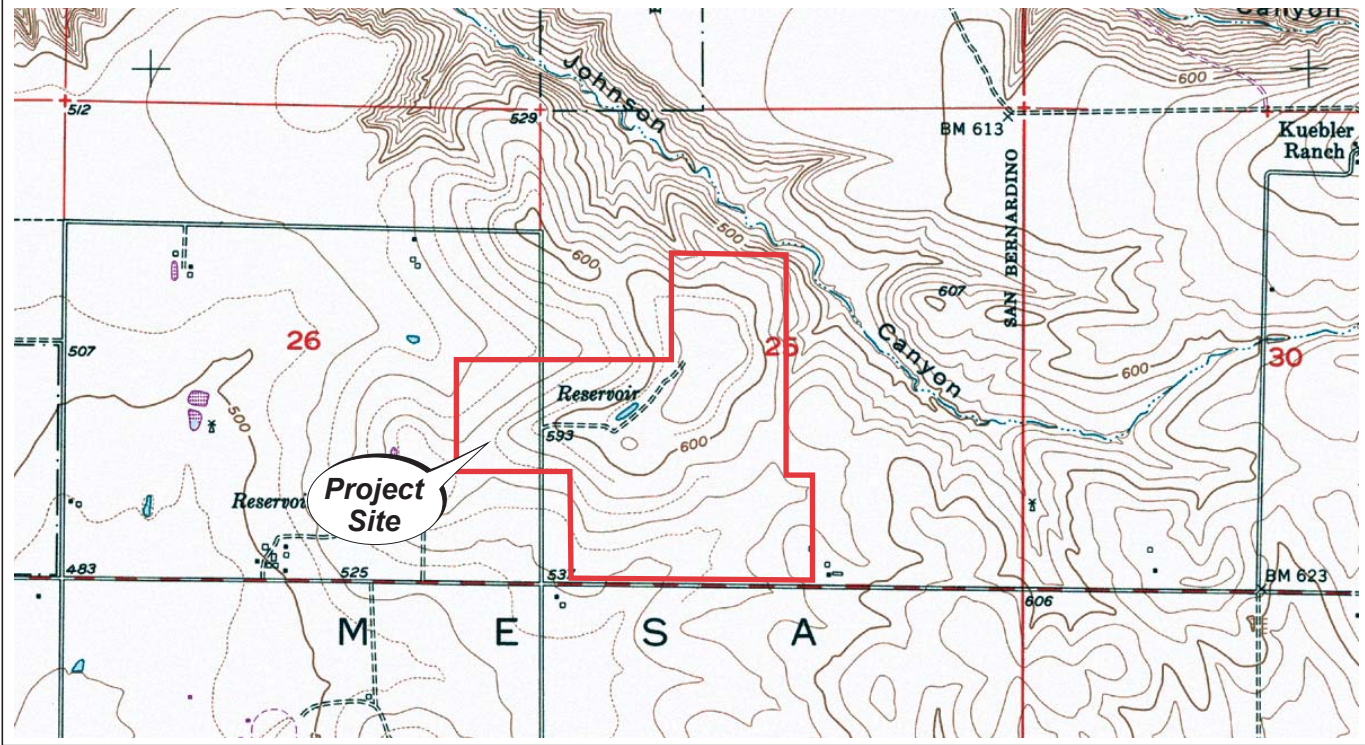
Statements of "likelihood" may have been made in this report. Likelihood statements are based on professional judgments of SCS. The term "likelihood," as used herein, pertains to the probability of a match between the prediction for an event and its actual occurrence. The likelihood statement assigns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

FIGURES

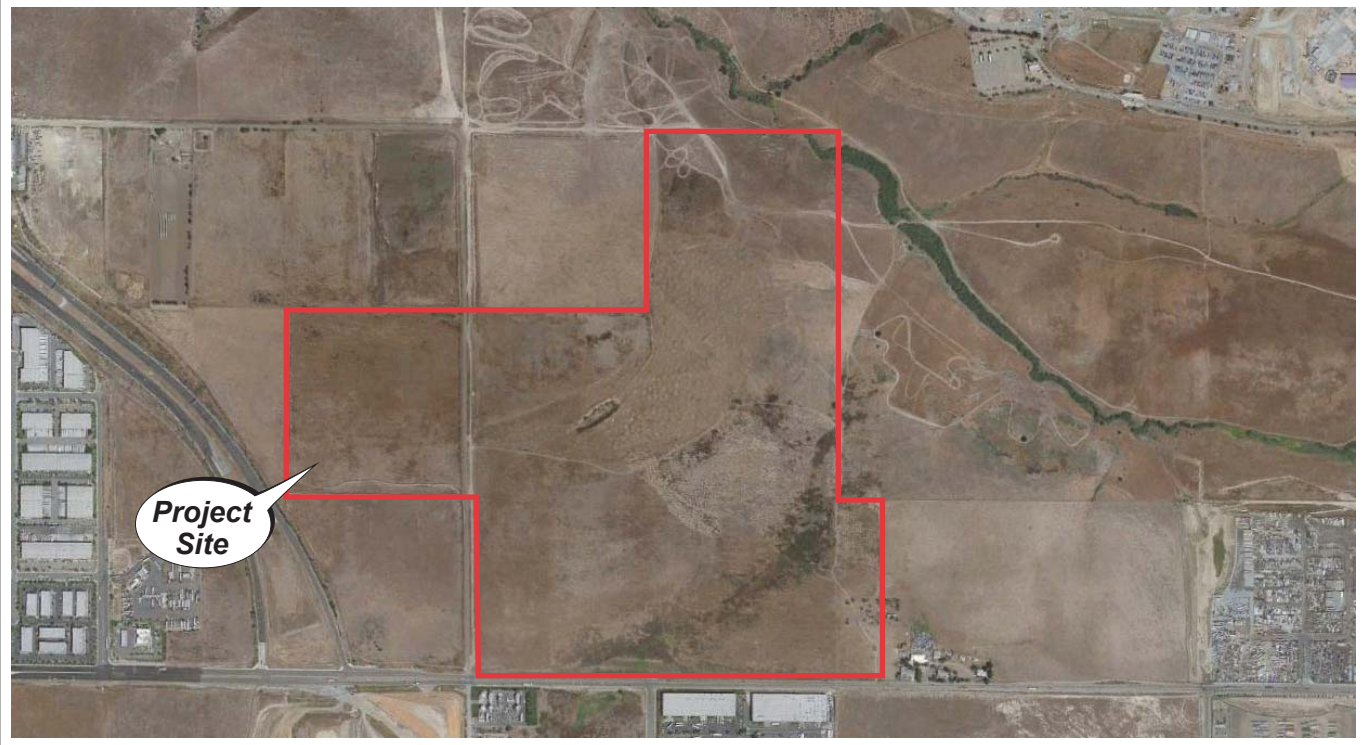
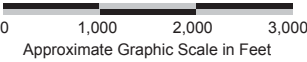


REGIONAL SITE LOCATION



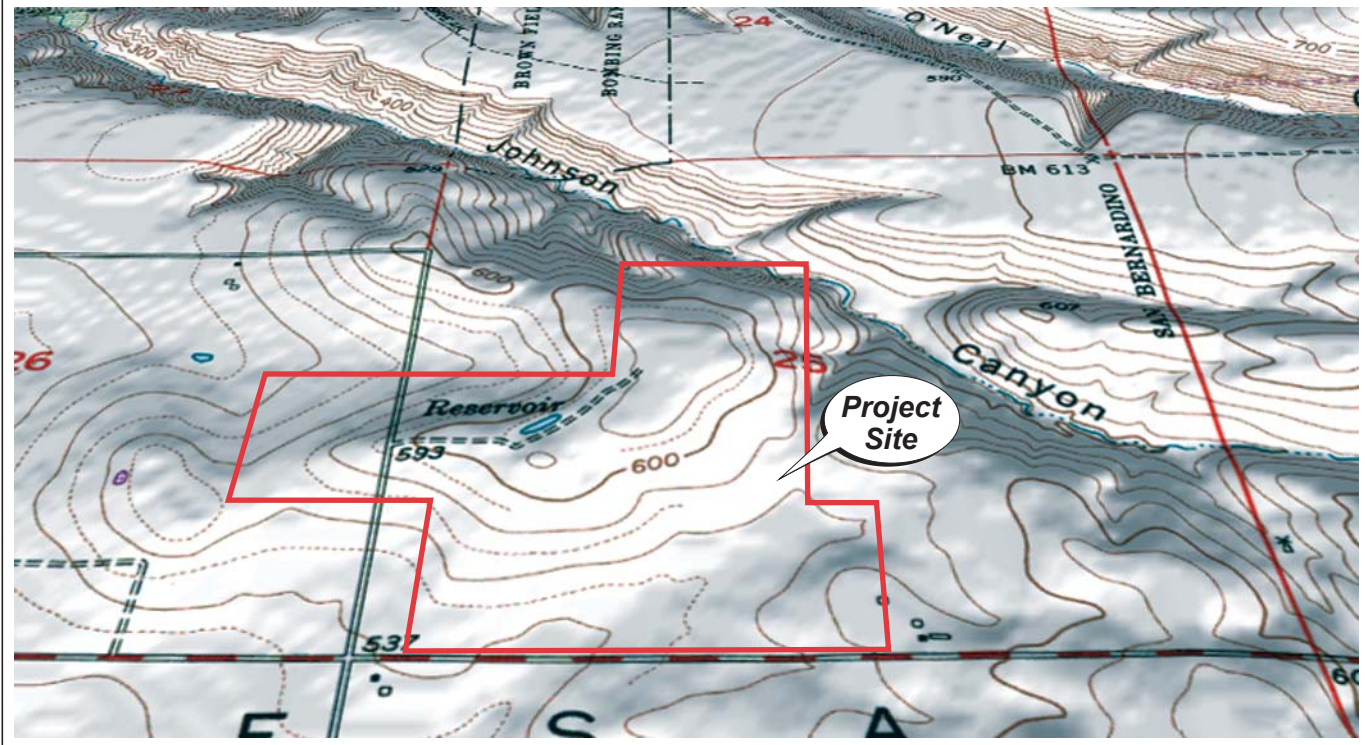
Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
Otay Mesa, California - 1975

2-DIMENSIONAL SITE LOCATION



Reference:
Google Earth Aerial Photograph
San Diego, California - December 2014

SITE AERIAL PHOTOGRAPH



Reference:
Otay Mesa, California - 1975

3-DIMENSIONAL SITE LOCATION

SCS ENGINEERS

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

FOUR-WAY SITE LOCATION MAP

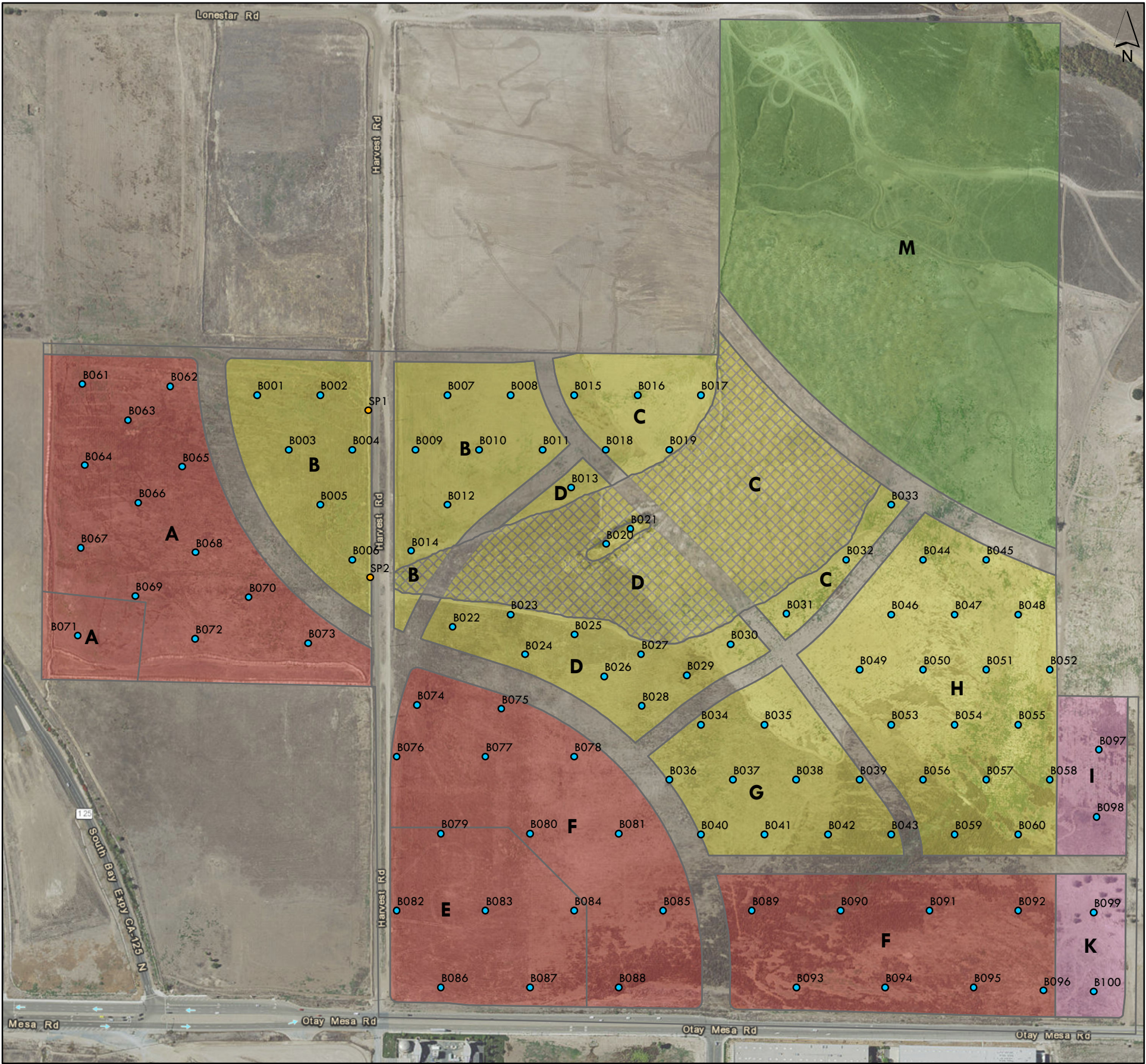
Sunroad Enterprises
Vicinity of 9300 Otay Mesa Road
San Diego, California

Project No.:
01203535.32

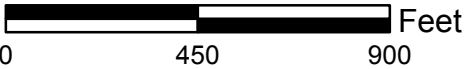
Figure 1

Date Drafted:
7/23/15

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

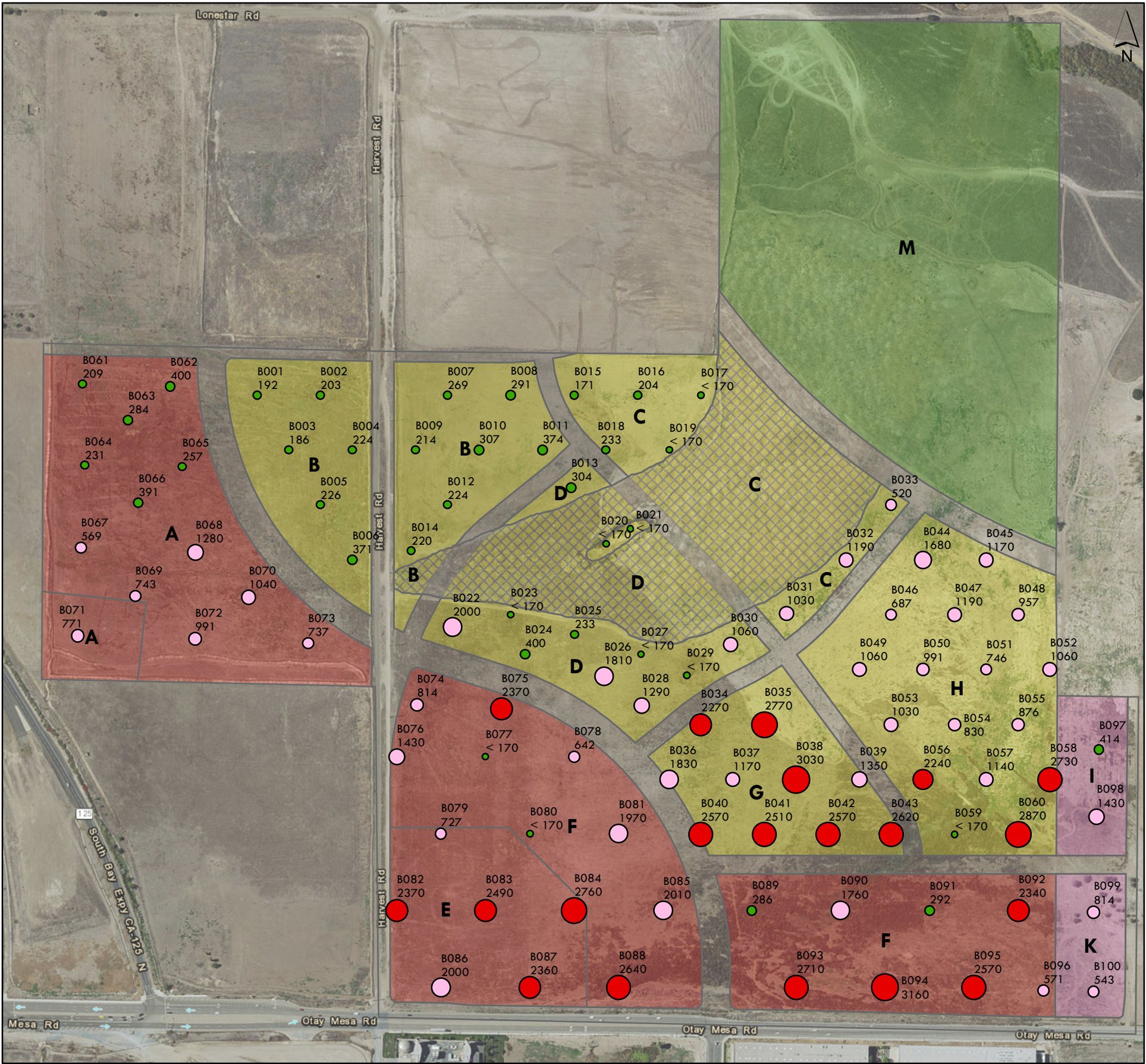


Map adapted from "Conceptual Land-Use and Circulation Plan", published by Project Design Consultants, dated March 13, 2015



- Approximate SCS Soil Boring Locations, advanced on December 21, 2015 and January 14, 2016
- Approximate SCS Soil Berm sampling locations, collected January 14, 2016

- B/C/D Central Mesa Area
- A/E/F Mixed-use with commercial emphasis
- M Open Space Easement
- B/C/D G/H Mixed-use with residential emphasis
- I/K Technology Business Park



Map adapted from "Conceptual Land-Use and Circulation Plan", published by Project Design Consultants, dated March 13, 2015

Toxaphene Concentrations (µg/kg)

- ≤ 170
- 171 - 275
- 276 - 490
- 491 - 750
- 751 - 1000
- 1001 - 1250
- 1251 - 1500
- 1501 - 1750
- 1751 - 2100
- 2101 - 2250
- 2251 - 2500
- 2501 - 2750
- 2751 - 3000
- 3001 - 3160

Toxaphene results of soil samples collected at 0.5 feet below grade, reported in micrograms per kilogram (µg/kg), analyzed by EPA Method 8081A for organochlorine pesticides.

Toxaphene results were color coded to the applicable EPA established residential and industrial Regional Screening Levels (RSLs).

Samples with Toxaphene above the Residential RSL are depicted in pink with samples between 490 µg/kg and 2100 µg/kg.

Samples with Toxaphene above the Industrial RSL are depicted in red with samples above 2100 µg/kg

0 450 900 Feet

- B/C/D Central Mesa Area
- A/E/F Mixed-use with commercial emphasis
- M Open Space Easement
- B/C/D G/H Mixed-use with residential emphasis
- I/K Technology Business Park



Map adapted from "Conceptual Land-Use and Circulation Plan", published by Project Design Consultants, dated March 13, 2015

Toxaphene Concentrations (µg/kg)

- <= 170
- 171 - 275
- 276 - 490
- 491 - 750
- 751 - 1000
- 1001 - 1250
- 1251 - 1500
- 1501 - 1750
- 1751 - 2100
- 2101 - 2250
- 2251 - 2500
- 2501 - 2750
- 2751 - 3000
- 3001 - 3160

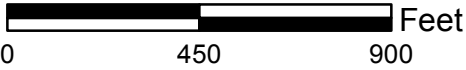
Toxaphene results of soil samples collected at 1.5 feet below grade, reported in micrograms per kilogram (µg/kg), analyzed by EPA Method 8081A for organochlorine pesticides.

-- indicates samples that were not analyzed for toxaphene at 1.5 feet below grade based on toxaphene analytical results from 0.5 feet below grade.

Toxaphene results were color coded to the applicable EPA established residential and industrial Regional Screening Levels (RSLs).

Samples with Toxaphene above the Residential RSL are depicted in pink with samples between 490 µg/kg and 2100 µg/kg.

Samples with Toxaphene above the Industrial RSL are depicted in red with samples above 2100 µg/kg



- B/C/D Central Mesa Area
- A/E/F Mixed-use with commercial emphasis
- J Open Space Easement
- B/C/D G/H Mixed-use with residential emphasis
- I/K Technology Business Park

TABLES

TABLE 1
Former Agricultural Areas Analytical Results
Vicinity of 9300 Otay Mesa Road , San Diego, California
(Page 1 of 7)

Sample	Date	Depth (feet)	Arsenic (mg/kg)	DDD (µg/kg)	DDE (µg/kg)	DDT (µg/kg)	Toxaphene (µg/kg)	Other OCPs (µg/kg)
B001-0.5	1/14/2016	0.5	4.2	< 4.00	354	17.7	192	ND
B001-1.5	1/14/2016	1.5	--	--	--	--	--	--
B001-3	1/14/2016	3	--	--	--	--	--	--
B002-0.5	1/14/2016	0.5	4.69	< 4.00	386	18.6	203	ND
B002-1.5	1/14/2016	1.5	--	--	--	--	--	--
B002-3	1/14/2016	3	--	--	--	--	--	--
B003-0.5	1/14/2016	0.5	3.68	< 4.00	341	19	186	ND
B003-1.5	1/14/2016	1.5	--	--	--	--	--	--
B003-3	1/14/2016	3	--	--	--	--	--	--
B004-0.5	1/14/2016	0.5	3.98	< 4.00	380	28.2	224	ND
B004-1.5	1/14/2016	1.5	--	--	--	--	--	--
B004-3	1/14/2016	3	--	--	--	--	--	--
B005-0.5	1/14/2016	0.5	4.4	9.04	366	26.6	226	ND
B005-1.5	1/14/2016	1.5	--	--	--	--	--	--
B005-3	1/14/2016	3	--	--	--	--	--	--
B006-0.5	1/14/2016	0.5	4.87	17.3	704	54.4	371	ND
B006-1.5	1/14/2016	1.5	--	--	--	--	--	--
B006-3	1/14/2016	3	--	--	--	--	--	--
B007-0.5	1/14/2016	0.5	6.52	12.4	420	31.4	269	ND
B007-1.5	1/14/2016	1.5	--	--	--	--	--	--
B007-3	1/14/2016	3	--	--	--	--	--	--
B008-0.5	1/14/2016	0.5	5.53	10.4	313	27.8	291	ND
B008-1.5	1/14/2016	1.5	--	--	--	--	--	--
B008-3	1/14/2016	3	--	--	--	--	--	--
B009-0.5	1/14/2016	0.5	4.94	9.39	327	25.9	214	ND
B009-1.5	1/14/2016	1.5	--	--	--	--	--	--
B009-3	1/14/2016	3	--	--	--	--	--	--
B010-0.5	1/14/2016	0.5	5.82	14.8	791	43.2	307	ND
B010-1.5	1/14/2016	1.5	--	--	--	--	--	--
B010-3	1/14/2016	3	--	--	--	--	--	--
B011-0.5	1/14/2016	0.5	3.47	20.5	693	20.7	374	ND
B011-1.5	1/14/2016	1.5	--	--	--	--	--	--
B011-3	1/14/2016	3	--	--	--	--	--	--
B012-0.5	1/14/2016	0.5	3.88	13.4	534	35.8	224	ND
B012-1.5	1/14/2016	1.5	--	--	--	--	--	--
B012-3	1/14/2016	3	--	--	--	--	--	--
B013-0.5	1/14/2016	0.5	3.16	17.8	321	34	304	ND
B013-1.5	1/14/2016	1.5	--	--	--	--	--	--
B013-3	1/14/2016	3	--	--	--	--	--	--
B014-0.5	1/14/2016	0.5	4.86	18.1	721	33.4	220	ND
B014-1.5	1/14/2016	1.5	--	--	--	--	--	--
B014-3	1/14/2016	3	--	--	--	--	--	--
B015-0.5	1/14/2016	0.5	4.39	14.3	685	19.6	171	ND
B015-1.5	1/14/2016	1.5	--	--	--	--	--	--
B015-3	1/14/2016	3	--	--	--	--	--	--

TABLE 1
Former Agricultural Areas Analytical Results
Vicinity of 9300 Otay Mesa Road , San Diego, California
(Page 2 of 7)

Sample	Date	Depth (feet)	Arsenic (mg/kg)	DDD (µg/kg)	DDE (µg/kg)	DDT (µg/kg)	Toxaphene (µg/kg)	Other OCPs (µg/kg)
B016-0.5	1/14/2016	0.5	2.77	19.8	283	24.4	204	ND
B016-1.5	1/14/2016	1.5	--	--	--	--	--	--
B016-3	1/14/2016	3	--	--	--	--	--	--
B017-0.5	1/14/2016	0.5	2.98	< 4.00	38.1	< 4.00	< 170	ND
B017-1.5	1/14/2016	1.5	--	--	--	--	--	--
B017-3	1/14/2016	3	--	--	--	--	--	--
B018-0.5	1/14/2016	0.5	3.56	11.2	361	22.5	233	ND
B018-1.5	1/14/2016	1.5	--	--	--	--	--	--
B018-3	1/14/2016	3	--	--	--	--	--	--
B019-0.5	1/14/2016	0.5	2.46	< 4.00	26.2	< 4.00	< 170	ND
B019-1.5	1/14/2016	1.5	--	--	--	--	--	--
B019-3	1/14/2016	3	--	--	--	--	--	--
B020-0.5	12/21/2015	0.5	1.29	< 4.00	< 4.00	< 4.00	< 170	ND
B021-0.5	12/21/2015	0.5	0.93	< 4.00	< 4.00	< 4.00	< 170	ND
B022-0.5	12/21/2015	0.5	3.74	27.1	891	77.7	2000	ND
B022-1.5	12/21/2015	1.5	--	4	58.8	< 4.00	176	ND
B022-3	12/21/2015	3	--	--	--	--	--	--
B023-0.5	12/21/2015	0.5	2.64	< 4.00	7.82	< 4.00	< 170	ND
B023-1.5	12/21/2015	1.5	--	--	--	--	--	--
B023-3	12/21/2015	3	--	--	--	--	--	--
B024-0.5	12/21/2015	0.5	2.47	< 4.00	70.1	7.89	400	ND
B024-1.5	12/21/2015	1.5	--	--	--	--	--	--
B024-3	12/21/2015	3	--	--	--	--	--	--
B025-0.5	12/21/2015	0.5	2.49	< 4.00	100	17.5	233	ND
B025-1.5	12/21/2015	1.5	--	--	--	--	--	--
B025-3	12/21/2015	3	--	--	--	--	--	--
B026-0.5	12/21/2015	0.5	3.51	8.05	919	31.6	1810	ND
B026-1.5	12/21/2015	1.5	--	< 4.00	35.8	< 4.00	< 170	ND
B026-3	12/21/2015	3	--	--	--	--	--	--
B027-0.5	12/21/2015	0.5	3.97	< 4.00	72.1	10.2	< 170	ND
B027-1.5	12/21/2015	1.5	--	--	--	--	--	--
B027-3	12/21/2015	3	--	--	--	--	--	--
B028-0.5	12/21/2015	0.5	3.64	6.84	609	96.3	1290	ND
B028-1.5	12/21/2015	1.5	--	5.33	164	< 4.00	1330	ND
B028-3	12/21/2015	3	--	< 4.00	5.48	< 4.00	< 170	ND
B029-0.5	12/21/2015	0.5	3.75	< 4.00	42.7	24.1	< 170	ND
B029-1.5	12/21/2015	1.5	--	--	--	--	--	--
B029-3	12/21/2015	3	--	--	--	--	--	--
B030-0.5	1/14/2016	0.5	5.03	38.9	786	75.8	1060	ND
B030-1.5	1/14/2016	1.5	--	< 4.00	176	13	274	ND
B030-3	1/14/2016	3	--	--	--	--	--	--
B031-0.5	1/14/2016	0.5	5.75	43	839	113	1030	ND
B031-1.5	1/14/2016	1.5	--	< 4.00	48.3	4.83	< 170	ND
B031-3	1/14/2016	3	--	--	--	--	--	--
B032-0.5	1/14/2016	0.5	4.4	47.1	889	80.5	1190	ND
B032-1.5	1/14/2016	1.5	--	< 4.00	7.61	< 4.00	< 170	ND
B032-3	1/14/2016	3	--	--	--	--	--	--

TABLE 1
Former Agricultural Areas Analytical Results
Vicinity of 9300 Otay Mesa Road , San Diego, California
(Page 3 of 7)

Sample	Date	Depth (feet)	Arsenic (mg/kg)	DDD (µg/kg)	DDE (µg/kg)	DDT (µg/kg)	Toxaphene (µg/kg)	Other OCPs (µg/kg)
B033-0.5	1/14/2016	0.5	3.51	31.8	803	99.4	520	ND
B033-1.5	1/14/2016	1.5	--	< 4.00	18.4	< 4.00	< 170	ND
B033-3	1/14/2016	3	--	--	--	--	--	--
B034-0.5	12/21/2015	0.5	5.13	13.7	1210	140	2270	ND
B034-1.5	12/21/2015	1.5	--	20.3	250	10.5	1860	ND
B034-3	12/21/2015	3	--	<4.00	< 4.00	< 4.00	< 170	ND
B035-0.5	12/21/2015	0.5	4.91	24.7	1840	300	2770	ND
B035-1.5	12/21/2015	1.5	--	17.4	181	< 4.00	1090	ND
B035-3	12/21/2015	3	--	< 4.00	18.0	< 4.00	< 170	ND
B036-0.5	12/21/2015	0.5	7.98	16.1	739	129	1830	ND
B036-1.5	12/21/2015	1.5	--	< 4.00	49.2	< 4.00	< 170	ND
B036-3	12/21/2015	3	--	--	--	--	--	--
B037-0.5	12/21/2015	0.5	3.94	25.9	837	118	1170	ND
B037-1.5	12/21/2015	1.5	--	< 4.00	81.7	< 4.00	688	ND
B037-3	12/21/2015	3	--	< 4.00	15.8	< 4.00	< 170	ND
B038-0.5	12/21/2015	0.5	4.87	56.4	1760	245	3030	ND
B038-1.5	12/21/2015	1.5	--	10.1	232	< 4.00	384	ND
B038-3	12/21/2015	3	--	--	--	--	--	--
B039-0.5	12/21/2015	0.5	2.98	18.8	399	194	1350	ND
B039-1.5	12/21/2015	1.5	--	8.56	136	12.9	273	ND
B039-3	12/21/2015	3	--	--	--	--	--	--
B040-0.5	12/21/2015	0.5	4.1	48.7	1560	168	2570	ND
B040-1.5	12/21/2015	1.5	--	4.3	72	< 4.00	173	ND
B040-3	12/21/2015	3	--	--	--	--	--	--
B041-0.5	12/21/2015	0.5	5.93	48.3	1430	247	2510	ND
B041-1.5	12/21/2015	1.5	--	4.12	46.8	< 4.00	< 170	ND
B041-3	12/21/2015	3	--	--	--	--	--	--
B042-0.5	12/21/2015	0.5	3.52	52.8	1120	431	2570	ND
B042-1.5	12/21/2015	1.5	--	< 4.00	31.6	< 4.00	< 170	ND
B042-3	12/21/2015	3	--	--	--	--	--	--
B043-0.5	12/21/2015	0.5	4.22	35.6	1460	362	2620	ND
B043-1.5	12/21/2015	1.5	--	< 4.00	22.4	< 4.00	< 170	ND
B043-3	12/21/2015	3	--	--	--	--	--	--
B044-0.5	1/14/2016	0.5	2.82	69.6	1350	121	1680	ND
B044-1.5	1/14/2016	1.5	--	< 4.00	42.6	< 4.00	< 170	ND
B044-3	1/14/2016	3	--	--	--	--	--	--
B045-0.5	1/14/2016	0.5	3.27	52.5	927	84.8	1170	ND
B045-1.5	1/14/2016	1.5	--	< 4.00	13.1	< 4.00	< 170	ND
B045-3	1/14/2016	3	--	--	--	--	--	--
B046-0.5	1/14/2016	0.5	3.89	26.6	671	47.6	687	ND
B046-1.5	1/14/2016	1.5	--	< 4.00	125	< 4.00	200	ND
B046-3	1/14/2016	3	--	--	--	--	--	--
B047-0.5	1/14/2016	0.5	3.28	18.4	949	80.8	1190	ND
B047-1.5	1/14/2016	1.5	--	12.4	511	26.9	553	ND
B047-3	1/14/2016	3	--	< 4.00	< 4.00	< 4.00	< 170	ND
B048-0.5	1/14/2016	0.5	3.54	17.7	827	73.6	957	ND
B048-1.5	1/14/2016	1.5	--	4	117	23	170	ND
B048-3	1/14/2016	3	--	--	--	--	--	--

TABLE 1
Former Agricultural Areas Analytical Results
Vicinity of 9300 Otay Mesa Road , San Diego, California
(Page 4 of 7)

Sample	Date	Depth (feet)	Arsenic (mg/kg)	DDD (µg/kg)	DDE (µg/kg)	DDT (µg/kg)	Toxaphene (µg/kg)	Other OCPs (µg/kg)
B049-0.5	1/14/2016	0.5	3.39	20	887	78.7	1060	ND
B049-1.5	1/14/2016	1.5	--	< 4.00	31.3	< 4.00	< 170	ND
B049-3	1/14/2016	3	--	--	--	--	--	--
B050-0.5	1/14/2016	0.5	2.91	11.3	793	77.2	991	ND
B050-1.5	1/14/2016	1.5	--	4.77	199	28.5	291	ND
B050-3	1/14/2016	3	--	--	--	--	--	--
B051-0.5	1/14/2016	0.5	3.06	16.9	742	75.1	746	ND
B051-1.5	1/14/2016	1.5	--	< 4.00	18.5	< 4.00	< 170	ND
B051-3	1/14/2016	3	--	--	--	--	--	--
B052-0.5	1/14/2016	0.5	3.12	19	825	78.8	1060	ND
B052-1.5	1/14/2016	1.5	--	< 4.00	17.6	< 4.00	< 170	ND
B052-3	1/14/2016	3	--	--	--	--	--	--
B053-0.5	1/14/2016	0.5	3	20.4	845	77.4	1030	ND
B053-1.5	1/14/2016	1.5	--	< 4.00	19.6	< 4.00	< 170	ND
B053-3	1/14/2016	3	--	--	--	--	--	--
B054-0.5	1/14/2016	0.5	8.92	16.7	769	72	830	ND
B054-1.5	1/14/2016	1.5	--	< 4.00	63	8.68	< 170	ND
B054-3	1/14/2016	3	--	--	--	--	--	--
B055-0.5	1/14/2016	0.5	3.26	18	796	77.4	876	ND
B055-1.5	1/14/2016	1.5	--	< 4.00	33.8	< 4.00	< 170	ND
B055-3	1/14/2016	3	--	--	--	--	--	--
B056-0.5	12/21/2015	0.5	4.3	45.2	1060	254	2240	ND
B056-1.5	12/21/2015	1.5	--	< 4.00	78	< 4.00	187	ND
B056-3	12/21/2015	3	--	--	--	--	--	--
B057-0.5	12/21/2015	0.5	3.32	32.8	862	176	1140	ND
B057-1.5	12/21/2015	1.5	--	4.8	157	< 4.00	241	ND
B057-3	12/21/2015	3	--	--	--	--	--	--
B058-0.5	12/21/2015	0.5	3.72	57.9	885	562	2730	ND
B058-1.5	12/21/2015	1.5	--	5.63	177	12.7	301	ND
B058-3	12/21/2015	3	--	--	--	--	--	--
B059-0.5	12/21/2015	0.5	6.02	< 4.00	56.6	21.9	< 170	ND
B059-1.5	12/21/2015	1.5	--	--	--	--	--	--
B059-3	12/21/2015	3	--	--	--	--	--	--
B060-0.5	12/21/2015	0.5	2.93	54.4	1300	227	2870	ND
B060-1.5	12/21/2015	1.5	--	< 4.00	17.9	< 4.00	< 170	ND
B060-3	12/21/2015	3	--	--	--	--	--	--
B061-0.5	1/14/2016	0.5	3.95	4.85	261	19.2	209	ND
B061-1.5	1/14/2016	1.5	--	--	--	--	--	--
B061-3	1/14/2016	3	--	--	--	--	--	--
B062-0.5	1/14/2016	0.5	5.99	9.58	782	52.7	400	ND
B062-1.5	1/14/2016	1.5	--	--	--	--	--	--
B062-3	1/14/2016	3	--	--	--	--	--	--
B063-0.5	1/14/2016	0.5	6.34	4.86	543	29.4	284	ND
B063-1.5	1/14/2016	1.5	--	--	--	--	--	--
B063-3	1/14/2016	3	--	--	--	--	--	--
B064-0.5	1/14/2016	0.5	3.83	4.44	639	25.3	231	ND
B064-1.5	1/14/2016	1.5	--	--	--	--	--	--
B064-3	1/14/2016	3	--	--	--	--	--	--

TABLE 1
Former Agricultural Areas Analytical Results
Vicinity of 9300 Otay Mesa Road , San Diego, California
(Page 5 of 7)

Sample	Date	Depth (feet)	Arsenic (mg/kg)	DDD (µg/kg)	DDE (µg/kg)	DDT (µg/kg)	Toxaphene (µg/kg)	Other OCPs (µg/kg)
B065-0.5	1/14/2016	0.5	3.82	6.09	726	47.9	257	ND
B065-1.5	1/14/2016	1.5	--	--	--	--	--	--
B065-3	1/14/2016	3	--	--	--	--	--	--
B066-0.5	1/14/2016	0.5	5.06	9.88	657	43	391	ND
B066-1.5	1/14/2016	1.5	--	--	--	--	--	--
B066-3	1/14/2016	3	--	--	--	--	--	--
B067-0.5	1/14/2016	0.5	6.51	13.2	777	72.7	569	ND
B067-1.5	1/14/2016	1.5	--	< 4.00	43.5	< 4.00	< 170	ND
B067-3	1/14/2016	3	--	--	--	--	--	--
B068-0.5	1/14/2016	0.5	7.6	43.4	972	83.4	1280	ND
B068-1.5	1/14/2016	1.5	--	< 4.00	21.5	< 4.00	< 170	ND
B068-3	1/14/2016	3	--	--	--	--	--	--
B069-0.5	1/14/2016	0.5	4.15	12.9	811	76.3	743	ND
B069-1.5	1/14/2016	1.5	--	< 4.00	11.6	< 4.00	< 170	ND
B069-3	1/14/2016	3	--	--	--	--	--	--
B070-0.5	1/14/2016	0.5	6.34	18	940	75	1040	ND
B070-1.5	1/14/2016	1.5	--	< 4.00	25.9	< 4.00	< 170	ND
B070-3	1/14/2016	3	--	--	--	--	--	--
B071-0.5	1/14/2016	0.5	5.44	14.1	853	89.1	771	ND
B071-1.5	1/14/2016	1.5	--	< 4.00	35.1	< 4.00	< 170	ND
B071-3	1/14/2016	3	--	--	--	--	--	--
B072-0.5	1/14/2016	0.5	4.6	14.2	952	70.1	991	ND
B072-1.5	1/14/2016	1.5	--	4.45	339	18.1	236	ND
B072-3	1/14/2016	3	--	--	--	--	--	--
B073-0.5	1/14/2016	0.5	7.53	15.5	672	68.3	737	ND
B073-1.5	1/14/2016	1.5	--	< 4.00	35.8	< 4.00	< 170	ND
B073-3	1/14/2016	3	--	--	--	--	--	--
B074-0.5	12/21/2015	0.5	5.12	14.1	2080	310	814	ND
B074-1.5	12/21/2015	1.5	--	70.1	812	67.6	1330	ND
B074-3	12/21/2015	3	--	< 4.00	19.6	< 4.00	< 170	ND
B075-0.5	12/21/2015	0.5	2.9	42.3	595	225	2370	ND
B075-1.5	12/21/2015	1.5	--	< 4.00	35.2	< 4.00	< 170	ND
B075-3	12/21/2015	3	--	--	--	--	--	--
B076-0.5	12/21/2015	0.5	3.86	16.6	1080	295	1430	ND
B076-1.5	12/21/2015	1.5	--	< 4.00	22.1	< 4.00	< 170	ND
B076-3	12/21/2015	3	--	--	--	--	--	--
B077-0.5	12/21/2015	0.5	3.58	< 4.00	71.6	7.72	< 170	ND
B077-1.5	12/21/2015	1.5	--	--	--	--	--	--
B077-3	12/21/2015	3	--	--	--	--	--	--
B078-0.5	12/21/2015	0.5	3.85	14.6	662	69.8	642	ND
B078-1.5	12/21/2015	1.5	--	< 4.00	18.7	< 4.00	< 170	ND
B078-3	12/21/2015	3	--	--	--	--	--	--
B079-0.5	12/21/2015	0.5	3.8	8.67	463	143	727	ND
B079-1.5	12/21/2015	1.5	--	< 4.00	16.1	< 4.00	< 170	ND
B079-3	12/21/2015	3	--	--	--	--	--	--
B080-0.5	12/21/2015	0.5	4.01	< 4.00	< 4.00	< 4.00	< 170	ND
B080-1.5	12/21/2015	1.5	--	--	--	--	--	--
B080-3	12/21/2015	3	--	--	--	--	--	--

TABLE 1
Former Agricultural Areas Analytical Results
Vicinity of 9300 Otay Mesa Road , San Diego, California
(Page 6 of 7)

Sample	Date	Depth (feet)	Arsenic (mg/kg)	DDD (µg/kg)	DDE (µg/kg)	DDT (µg/kg)	Toxaphene (µg/kg)	Other OCPs (µg/kg)
B081-0.5	12/21/2015	0.5	6.75	25	926	195	1970	ND
B081-1.5	12/21/2015	1.5	--	< 4.00	23	< 4.00	< 170	ND
B081-3	12/21/2015	3	--	--	--	--	--	--
B082-0.5	12/21/2015	0.5	8.56	50.5	181	40	2370	ND
B082-1.5	12/21/2015	1.5	--	< 4.00	30.5	< 4.00	< 170	ND
B082-3	12/21/2015	3	--	--	--	--	--	--
B083-0.5	12/21/2015	0.5	4.65	81.8	1120	237	2490	ND
B083-1.5	12/21/2015	1.5	--	10.2	123	< 4.00	211	ND
B083-3	12/21/2015	3	--	--	--	--	--	--
B084-0.5	12/21/2015	0.5	6.06	20.1	2140	421	2760	ND
B084-1.5	12/21/2015	1.5	--	< 4.00	32.7	< 4.00	< 170	ND
B084-3	12/21/2015	3	--	--	--	--	--	--
B085-0.5	12/21/2015	0.5	4.12	52.1	562	286	2010	ND
B085-1.5	12/21/2015	1.5	--	< 4.00	44.9	< 4.00	< 170	ND
B085-3	12/21/2015	3	--	--	--	--	--	--
B086-0.5	12/21/2015	0.5	5.37	< 4.00	1390	< 4.00	2000	ND
B086-1.5	12/21/2015	1.5	--	< 4.00	76.9	< 4.00	< 170	ND
B086-3	12/21/2015	3	--	--	--	--	--	--
B087-0.5	12/21/2015	0.5	4.44	34.7	1410	254	2360	ND
B087-1.5	12/21/2015	1.5	--	4.31	156	33.8	246	ND
B087-3	12/21/2015	3	--	--	--	--	--	--
B088-0.5	12/21/2015	0.5	7.89	58.5	1600	273	2640	ND
B088-1.5	12/21/2015	1.5	--	12.8	342	43.6	537	ND
B088-3	12/21/2015	3	--	< 4.00	6.20	< 4.00	< 170	ND
B089-0.5	12/21/2015	0.5	3.37	< 4.00	205	41.2	286	ND
B089-1.5	12/21/2015	1.5	--	--	--	--	--	--
B089-3	12/21/2015	3	--	--	--	--	--	--
B090-0.5	12/21/2015	0.5	3.78	12.7	836	167	1760	ND
B090-1.5	12/21/2015	1.5	--	< 4.00	4.61	< 4.00	< 170	ND
B090-3	12/21/2015	3	--	--	--	--	--	--
B091-0.5	12/21/2015	0.5	2.4	< 4.00	253	34	292	ND
B091-1.5	12/21/2015	1.5	--	--	--	--	--	--
B091-3	12/21/2015	3	--	--	--	--	--	--
B092-0.5	12/21/2015	0.5	2.94	55.2	2110	700	2340	ND
B092-1.5	12/21/2015	1.5	--	< 4.00	43.3	< 4.00	< 170	ND
B092-3	12/21/2015	3	--	--	--	--	--	--
B093-0.5	12/21/2015	0.5	6.31	56.6	1910	471	2710	ND
B093-1.5	12/21/2015	1.5	--	< 4.00	17.8	< 4.00	< 170	ND
B093-3	12/21/2015	3	--	--	--	--	--	--
B094-0.5	12/21/2015	0.5	4.03	86.4	2080	403	3160	ND
B094-1.5	12/21/2015	1.5	--	< 4.00	58.2	< 4.00	< 170	ND
B094-3	12/21/2015	3	--	--	--	--	--	--
B095-0.5	12/21/2015	0.5	3.06	65.8	2070	442	2570	ND
B095-1.5	12/21/2015	1.5	--	< 4.00	22.7	< 4.00	< 170	ND
B095-3	12/21/2015	3	--	--	--	--	--	--
B096-0.5	12/21/2015	0.5	2.87	< 4.00	352	57.2	571	ND
B096-1.5	12/21/2015	1.5	--	< 4.00	14.6	< 4.00	< 170	ND
B096-3	12/21/2015	3	--	--	--	--	--	--

TABLE 1
Former Agricultural Areas Analytical Results
Vicinity of 9300 Otay Mesa Road , San Diego, California
(Page 7 of 7)

Sample	Date	Depth (feet)	Arsenic (mg/kg)	DDD (µg/kg)	DDE (µg/kg)	DDT (µg/kg)	Toxaphene (µg/kg)	Other OCPs (µg/kg)
B097-0.5	12/21/2015	0.5	4.91	4.74	280	70	414	ND
B097-1.5	12/21/2015	1.5	--	--	--	--	--	--
B097-3	12/21/2015	3	--	--	--	--	--	--
B098-0.5	12/21/2015	0.5	3.15	32.8	854	187	1430	ND
B098-1.5	12/21/2015	1.5	--	< 4.00	34.2	< 4.00	< 170	ND
B098-3	12/21/2015	3	--	--	--	--	--	--
B099-0.5	12/21/2015	0.5	2.68	6.19	408	81.4	814	ND
B099-1.5	12/21/2015	1.5	--	< 4.00	36.1	< 4.00	< 170	ND
B099-3	12/21/2015	3	--	--	--	--	--	--
B100-0.5	12/21/2015	0.5	6.71	< 4.00	354	93.6	543	ND
B100-1.5	12/21/2015	1.5	--	< 4.00	< 4.00	< 4.00	< 170	ND
B100-3	12/21/2015	3	--	--	--	--	--	--

Notes:

Soil samples collected by SCS Engineers on December 21, 2015 and January 14, 2016, and analyzed for organochlorine pesticides in general accordance with Environmental Protection Agency (EPA)

Method 8081A, and arsenic in general accordance with EPA Method 6010B.

4,4'-DDD = 4,4'-dichlorodiphenyldichloroethane

4,4'-DDE = 4,4'-dichlorodiphenyldichloroethylene

4,4'-DDT = 4,4'-dichlorodiphenyltrichloroethane

mg/kg = milligram per kilogram.

µg/kg: micrograms per kilogram

< = Not reported above laboratory reporting limit. Number following "<" indicates the laboratory reporting limit.

RSLs - EPA Regional Screening Level for residential and industrial users, updated November 2015.

Concentrations in exceedance of residential RSLs are shown in pink.

Concentrations in exceedance of industrial RSLs are shown in orange.

ND = Not detected above the laboratory reporting limit

OCP = Organochlorine Pesticides

-- = Not analyzed.

TABLE 2
Soil Berm Analytical Results
Page 1 of 1

Analyte	Analysis	Units	SP1	SP2
Antimony	Title 22 Metals	mg/kg	< 0.5	< 0.5
Arsenic		mg/kg	8.55	4.72
Barium		mg/kg	94.5	116
Beryllium		mg/kg	< 0.5	< 0.5
Cadmium		mg/kg	0.954	< 0.5
Chromium		mg/kg	15.3	8.7
Cobalt		mg/kg	2.58	4.58
Copper		mg/kg	26.8	12.3
Lead		mg/kg	28.2	8.76
Mercury		mg/kg	0.119	< 0.05
Molybdenum		mg/kg	0.601	< 0.5
Nickel		mg/kg	5.72	6.95
Selenium		mg/kg	< 0.5	< 0.5
Silver		mg/kg	< 0.5	< 0.5
Thallium		mg/kg	< 0.5	< 0.5
Vanadium		mg/kg	11.7	22.1
Zinc		mg/kg	115	37.2
4,4'-DDD (DDD)	Organochlorine Pesticides	µg/kg	< 4.00	6.36
4,4'-DDE (DDE)		µg/kg	< 4.00	471
4,4'-DDT (DDT)		µg/kg	< 4.00	49.6
Toxaphene		µg/kg	332	409
Other OCPs		µg/kg	ND	ND
TPHg	Total Petroleum Hydrocarbons	µg/kg	< 500	< 500
TPHd		mg/kg	< 10	< 10
TPHo		mg/kg	164	< 50

Notes:

Soil samples collected by SCS Engineers on January 14, 2016, and analyzed for organochlorine pesticides in general accordance with Environmental Protection Agency (EPA) Method 8081A, Title 22 Metals in general accordance with EPA Method 6010B, and Total Petroleum Hydrocarbons in general accordance with EPA Method 8015B.

4,4'-DDD = 4,4'-dichlorodiphenyldichloroethane

4,4'-DDE = 4,4'-dichlorodiphenyldichloroethylene

4,4'-DDT = 4,4'-dichlorodiphenyltrichloroethane

TPHg,d,o= Total Petroleum Hydrocarbons as gasoline, diesel, oil

mg/kg = milligram per kilogram.

µg/kg: micrograms per kilogram

< = Not reported above laboratory reporting limit. Number following "<" indicates the laboratory reporting limit.

ND = Not detected above the laboratory reporting limit

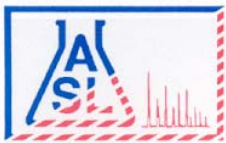
OCP = Organochlorine Pesticides

-- = Not analyzed.

Bold = Organochlorine pesticides and total petroleum hydrocarbons concentrations reported above the respective laboratory reporting limit.

APPENDIX

LABORATORY ANALYTICAL REPORTS



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-

Number of Pages 54
Date Received 12/23/2015
Date Reported 01/05/2016

Telephone (858) 571-5500
Attn Luke Montague

Job Number	Ordered	Client
66576	12/23/2015	SCS

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa
Site: 9300 Otay Mesa Road
San Diego, CA 92154

Enclosed are the results of analyses on 52 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



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Page 1 of 16

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ASL JOB# 66576

Company: SCS Engineers							Report To: Luke Montague			ANALYSIS REQUESTED															
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa				Address: --			8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road				Invoice To: --																		
Telephone: 858-571-5500			San Diego, CA 92154				Address: --																		
Special Instruction:			Project ID: 01203535.32																						
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague				P.O.#: 01203535.32																		
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation											Remarks					
	Lab ID	Sample ID	Date	Time	#	Type																			
	1	341342	B020-0.5	12/21/2015	1548	1	4oz Jar	Soil	None			X	X												
	2	341343	B021-0.5	12/21/2015	1553	1	4oz Jar	Soil	None			X	X												
	3	341344	B022-0.5	12/21/2015	1408	1	Acetate Sleeve	Soil	None			X	X												
			B022-1.5	12/21/2015	1409	1	Acetate Sleeve	Soil	None					X											
			B022-3	12/21/2015	1410	1	Acetate Sleeve	Soil	None					X											
	4	341345	B023-0.5	12/21/2015	1419	1	Acetate Sleeve	Soil	None			X	X												
			B023-1.5	12/21/2015	1420	1	Acetate Sleeve	Soil	None					X											
			B023-3	12/21/2015	1421	1	Acetate Sleeve	Soil	None					X											
5	341346	B024-0.5	12/21/2015	1428	1	Acetate Sleeve	Soil	None			X	X													
		B024-1.5	12/21/2015	1429	1	Acetate Sleeve	Soil	None					X												
Collected By: Derek Gill							Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>							Date 12/22/15		Time 16:30		TAT			
Relinquished By:							Date		Time		Received							Date		Time		Normal X			
Received By:							Date		Time		For Laboratory Janet Chun							12/23/15		10:00		Rush			
Condition of Sample:																									

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Page 2 of 16

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Telephone: 858-571-5500		San Diego, CA 92154				Address: --															
Special Instruction:		Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com		Project Manager: Luke Montague				P.O.#: 01203535.32															
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation												
	Lab ID	Sample ID	Date	Time	#	Type															
		B024-3	12/21/2015	1430	1	Acetate Sleeve	Soil	None													
	6 341347	B025-0.5	12/21/2015	1436	1	Acetate Sleeve	Soil	None		X	X										
		B025-1.5	12/21/2015	1437	1	Acetate Sleeve	Soil	None				X									
		B025-3	12/21/2015	1438	1	Acetate Sleeve	Soil	None				X									
	7 341348	B026-0.5	12/21/2015	1444	1	Acetate Sleeve	Soil	None			X	X									
		B026-1.5	12/21/2015	1445	1	Acetate Sleeve	Soil	None				X									
		B026-3	12/21/2015	1446	1	Acetate Sleeve	Soil	None				X									
	8 341349	B027-0.5	12/21/2015	1451	1	Acetate Sleeve	Soil	None			X	X									
	B027-1.5	12/21/2015	1452	1	Acetate Sleeve	Soil	None				X										
	B027-3	12/21/2015	1453	1	Acetate Sleeve	Soil	None				X										
Collected By: Derek Gill				Date 12/21/15		Time		Relinquished By: <u>Derek Gill</u>				Date 12/22/15				Time 16:30				TAT	
Relinquished By:				Date		Time		Received For Laboratory <u>Janet Chin</u>				Date <u>12/23/15</u>				Time <u>10:00</u>				Normal X	
Received By:				Date		Time		Condition of Sample:												Rush	

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Page 3 of 16

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Telephone: 858-571-5500			San Diego, CA 92154			Address: --																
Special Instruction:			Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks
	Lab ID	Sample ID	Date	Time	#	Type																
9	341350	B028-0.5	12/21/2015	1458	1	Acetate Sleeve	Soil	None			X	X										
		B028-1.5	12/21/2015	1459	1	Acetate Sleeve	Soil	None					X									
		B028-3	12/21/2015	1460	1	Acetate Sleeve	Soil	None					X									
10	341351	B029-0.5	12/21/2015	1508	1	Acetate Sleeve	Soil	None			X	X										
		B029-1.5	12/21/2015	1509	1	Acetate Sleeve	Soil	None					X									
		B029-3	12/21/2015	1510	1	Acetate Sleeve	Soil	None					X									
11	341352	B034-0.5	12/21/2015	1518	1	Acetate Sleeve	Soil	None			X	X										
		B034-1.5	12/21/2015	1519	1	Acetate Sleeve	Soil	None					X									
		B034-3	12/21/2015	1520	1	Acetate Sleeve	Soil	None					X									
12	341353	B035-0.5	12/21/2015	1528	1	Acetate Sleeve	Soil	None			X	X										
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>						Date 12/22/15		Time 16:30		TAT		
Relinquished By:						Date		Time		Received For Laboratory <i>Janet Chun</i>						Date 12/23/15		Time 10:00		Normal X		
Received By:						Date		Time		Condition of Sample:										Rush		

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Page 4 of 16

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Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																			
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Special Instruction:				Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																			
ITEM	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
		B035-1.5	12/21/2015	1529	1	Acetate Sleeve	Soil	None																			
		B035-3	12/21/2015	1530	1	Acetate Sleeve	Soil	None																			
13	341354	B036-0.5	12/21/2015	1306	1	Acetate Sleeve	Soil	None				X	X														
		B036-1.5	12/21/2015	1307	1	Acetate Sleeve	Soil	None						X													
		B036-3	12/21/2015	1308	1	Acetate Sleeve	Soil	None						X													
14	341355	B037-0.5	12/21/2015	1257	1	Acetate Sleeve	Soil	None				X	X														
		B037-1.5	12/21/2015	1258	1	Acetate Sleeve	Soil	None						X													
		B037-3	12/21/2015	1259	1	Acetate Sleeve	Soil	None						X													
15	341356	B038-0.5	12/21/2015	1249	1	Acetate Sleeve	Soil	None				X	X														
		B038-1.5	12/21/2015	1250	1	Acetate Sleeve	Soil	None						X													
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received				Date				Time				Normal X			
Received By:				Date				Time				For Laboratory <i>Janet Chun</i>				12/23/15				10:00				Rush			
												Condition of Sample:															

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Page 5 of 16

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Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																			
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																			
Special Instruction:				Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																			
ITEM	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
		B038-3	12/21/2015	1251	1	Acetate Sleeve	Soil	None																			
16	341357	B039-0.5	12/21/2015	1241	1	Acetate Sleeve	Soil	None				X	X														
		B039-1.5	12/21/2015	1242	1	Acetate Sleeve	Soil	None						X													
		B039-3	12/21/2015	1243	1	Acetate Sleeve	Soil	None						X													
17	341358	B040-0.5	12/21/2015	1021	1	Acetate Sleeve	Soil	None				X	X														
		B040-1.5	12/21/2015	1022	1	Acetate Sleeve	Soil	None						X													
		B040-3	12/21/2015	1023	1	Acetate Sleeve	Soil	None						X													
18	341359	B041-0.5	12/21/2015	1028	1	Acetate Sleeve	Soil	None				X	X														
		B041-1.5	12/21/2015	1029	1	Acetate Sleeve	Soil	None						X													
		B041-3	12/21/2015	1030	1	Acetate Sleeve	Soil	None						X													
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received For Laboratory: <i>Janet Chun</i>				Date 12/23/15				Time 10:00				Normal X			
Received By:				Date				Time				Condition of Sample:												Rush			

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Page 6 of 16

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ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																			
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																			
Special Instruction:				Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																			
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
19	341360	B042-0.5	12/21/2015	1035	1	Acetate Sleeve	Soil	None																			
		B042-1.5	12/21/2015	1036	1	Acetate Sleeve	Soil	None																			
		B042-3	12/21/2015	1037	1	Acetate Sleeve	Soil	None																			
20	341361	B043-0.5	12/21/2015	1045	1	Acetate Sleeve	Soil	None																			
		B043-1.5	12/21/2015	1046	1	Acetate Sleeve	Soil	None																			
		B043-3	12/21/2015	1047	1	Acetate Sleeve	Soil	None																			
21	341362	B056-0.5	12/21/2015	1232	1	Acetate Sleeve	Soil	None																			
		B056-1.5	12/21/2015	1233	1	Acetate Sleeve	Soil	None																			
		B056-3	12/21/2015	1234	1	Acetate Sleeve	Soil	None																			
22	341363	B057-0.5	12/21/2015	1226	1	Acetate Sleeve	Soil	None																			
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received				Date				Time				Normal X			
Received By:				Date				Time				For Laboratory Janet Chun				12/23/15				10:00				Rush			
												Condition of Sample:															

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Page 7 of 16

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Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																			
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																			
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E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																			
ITEM	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
		B057-1.5	12/21/2015	1227	1	Acetate Sleeve	Soil	None																			
		B057-3	12/21/2015	1228	1	Acetate Sleeve	Soil	None																			
23	34/364	B058-0.5	12/21/2015	1219	1	Acetate Sleeve	Soil	None				X	X														
		B058-1.5	12/21/2015	1220	1	Acetate Sleeve	Soil	None						X													
		B058-3	12/21/2015	1221	1	Acetate Sleeve	Soil	None						X													
24	34/365	B059-0.5	12/21/2015	1051	1	Acetate Sleeve	Soil	None				X	X														
		B059-1.5	12/21/2015	1052	1	Acetate Sleeve	Soil	None						X													
		B059-3	12/21/2015	1053	1	Acetate Sleeve	Soil	None						X													
25	34/366	B060-0.5	12/21/2015	1101	1	Acetate Sleeve	Soil	None				X	X														
		B060-1.5	12/21/2015	1102	1	Acetate Sleeve	Soil	None						X													
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received For Laboratory <i>Janet Chin</i>				Date 12/23/15				Time 10:00				Normal X			
Received By:				Date				Time				Condition of Sample:												Rush			

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Page 8 of 16

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E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																			
ITEM	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
		B060-3	12/21/2015	1103	1	Acetate Sleeve	Soil	None																			
26	341367	B074-0.5	12/21/2015	1352	1	Acetate Sleeve	Soil	None				X	X														
		B074-1.5	12/21/2015	1353	1	Acetate Sleeve	Soil	None					X														
		B074-3	12/21/2015	1354	1	Acetate Sleeve	Soil	None					X														
27	341368	B075-0.5	12/21/2015	1400	1	Acetate Sleeve	Soil	None				X	X														
		B075-1.5	12/21/2015	1401	1	Acetate Sleeve	Soil	None					X														
		B075-3	12/21/2015	1402	1	Acetate Sleeve	Soil	None					X														
28	341369	B076-0.5	12/21/2015	1339	1	Acetate Sleeve	Soil	None				X	X														
		B076-1.5	12/21/2015	1340	1	Acetate Sleeve	Soil	None					X														
		B076-3	12/21/2015	1341	1	Acetate Sleeve	Soil	None					X														
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received For Laboratory <i>Janet Chun</i>				Date 12/23/15				Time 10:00				Normal X			
Received By:				Date				Time				Condition of Sample:								Rush							

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Page 9 of 16

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San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																				
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																				
Special Instruction:			Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																				
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks				
	Lab ID	Sample ID	Date	Time	#	Type																				
29	341370	B077-0.5	12/21/2015	1325	1	Acetate Sleeve	Soil	None																		
		B077-1.5	12/21/2015	1326	1	Acetate Sleeve	Soil	None																		
		B077-3	12/21/2015	1327	1	Acetate Sleeve	Soil	None																		
30	341371	B078-0.5	12/21/2015	1316	1	Acetate Sleeve	Soil	None																		
		B078-1.5	12/21/2015	1317	1	Acetate Sleeve	Soil	None																		
		B078-3	12/21/2015	1318	1	Acetate Sleeve	Soil	None																		
31	341372	B079-0.5	12/21/2015	1000	1	Acetate Sleeve	Soil	None																		
		B079-1.5	12/21/2015	1001	1	Acetate Sleeve	Soil	None																		
		B079-3	12/21/2015	1002	1	Acetate Sleeve	Soil	None																		
32	341373	B080-0.5	12/21/2015	1007	1	Acetate Sleeve	Soil	None																		
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>						Date 12/22/15		Time 16:30		TAT						
Relinquished By:						Date		Time		Received For Laboratory <i>Janet Chun</i>						Date 12/23/15		Time 10:00		Normal X						
Received By:						Date		Time		Condition of Sample:										Rush						

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Page 10 of 16

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																			
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																			
Special Instruction:				Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																			
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
		B080-1.5	12/21/2015	1008	1	Acetate Sleeve	Soil	None																			
		B080-3	12/21/2015	1009	1	Acetate Sleeve	Soil	None																			
33	341374	B081-0.5	12/21/2015	1013	1	Acetate Sleeve	Soil	None				X	X														
		B081-1.5	12/21/2015	1014	1	Acetate Sleeve	Soil	None						X													
		B081-3	12/21/2015	1015	1	Acetate Sleeve	Soil	None						X													
34	341375	B082-0.5	12/21/2015	953	1	Acetate Sleeve	Soil	None				X	X														
		B082-1.5	12/21/2015	954	1	Acetate Sleeve	Soil	None						X													
		B082-3	12/21/2015	955	1	Acetate Sleeve	Soil	None						X													
35	341376	B083-0.5	12/21/2015	946	1	Acetate Sleeve	Soil	None				X	X														
		B083-1.5	12/21/2015	947	1	Acetate Sleeve	Soil	None						X													
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>Derek Gill</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received For Laboratory: <i>Janet Chun</i>				Date 12/23/15				Time 10:00				Normal X			
Received By:				Date				Time				Condition of Sample:												Rush			

CHAIN OF CUSTODY

White - Report, Yellow - Laboratory, Pink - Client

2520 N. San Fernando Road, L.A., CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576.

Company: SCS Engineers						Report To: Luke Montague							ANALYSIS REQUESTED																					
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otoy Mesa			Address: --																												
San Diego, CA 92123			Site Address: 9300 Otoy Mesa Road			Invoice To: --																												
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																												
Special Instruction:			Project ID: 01203535.32																															
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																												
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation																							Remarks		
	Lab ID	Sample ID	Date	Time	#	Type																												
		B083-3	12/21/2015	948	1	Acetate Sleeve	Soil	None						X																				
36	341377	B084-0.5	12/21/2015	938	1	Acetate Sleeve	Soil	None				X	X																					
		B084-1.5	12/21/2015	939	1	Acetate Sleeve	Soil	None						X																				
		B084-3	12/21/2015	940	1	Acetate Sleeve	Soil	None						X																				
37	341378	B085-0.5	12/21/2015	930	1	Acetate Sleeve	Soil	None				X	X																					
		B085-1.5	12/21/2015	931	1	Acetate Sleeve	Soil	None						X																				
		B085-3	12/21/2015	932	1	Acetate Sleeve	Soil	None						X																				
38	341379	B086-0.5	12/21/2015	717	1	Acetate Sleeve	Soil	None				X	X																					
		B086-1.5	12/21/2015	718	1	Acetate Sleeve	Soil	None						X																				
		B086-3	12/21/2015	719	1	Acetate Sleeve	Soil	None						X																				
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: [Signature]						Date 12/22/15 Time 16:30						TAT												
Relinquished By:						Date		Time		Received For Laboratory Janet Chun						Date 12/23/15 Time 10:00						Normal X												
Received By:						Date		Time		Condition of Sample:												Rush												

White - Report, **Yellow** - Laboratory, **Pink** - Client



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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Page 12 of 16

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED																
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive																	
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																				
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																				
Special Instruction:			Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																				
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks				
	Lab ID	Sample ID	Date	Time	#	Type																				
39	341380	B087-0.5	12/21/2015	730	1	Acetate Sleeve	Soil	None																		
		B087-1.5	12/21/2015	731	1	Acetate Sleeve	Soil	None																		
		B087-3	12/21/2015	732	1	Acetate Sleeve	Soil	None																		
40	341381	B088-0.5	12/21/2015	740	1	Acetate Sleeve	Soil	None																		
		B088-1.5	12/21/2015	741	1	Acetate Sleeve	Soil	None																		
		B088-3	12/21/2015	742	1	Acetate Sleeve	Soil	None																		
41	341382	B089-0.5	12/21/2015	922	1	Acetate Sleeve	Soil	None																		
		B089-1.5	12/21/2015	923	1	Acetate Sleeve	Soil	None																		
		B089-3	12/21/2015	924	1	Acetate Sleeve	Soil	None																		
42	341383	B090-0.5	12/21/2015	913	1	Acetate Sleeve	Soil	None																		
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>						Date 12/22/15		Time 16:30		TAT						
Relinquished By:						Date		Time		Received For Laboratory <i>Janet Chun</i>						Date 12/23/15		Time 10:00		Normal X						
Received By:						Date		Time		Condition of Sample:										Rush						

CHAIN OF CUSTODY

White - Report, Yellow - Laboratory, Pink - Client



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Environmental Testing Services

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Page 13 of 16

COC# GLOBAL ID _____ E REPORT: PDF ☒ EDF ☐ EDD ☒

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED												
Address: 8799 Balboa Ave Suite 290		Project Name: Sunroad Otay Mesa		Address: --																
San Diego, CA 92123		Site Address: 9300 Otay Mesa Road		Invoice To: --																
Telephone: 858-571-5500		San Diego, CA 92154		Address: --																
Special Instruction:		Project ID: 01203535.32																		
E-mail: lmontague@scsengineers.com dgill@scsengineers.com		Project Manager: Luke Montague		P.O.#: 01203535.32																
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation											Remarks	
	Lab ID	Sample ID	Date	Time	#	Type														
		B090-1.5	12/21/2015	914	1	Acetate Sleeve	Soil	None												
		B090-3	12/21/2015	915	1	Acetate Sleeve	Soil	None												
	43	341384	B091-0.5	12/21/2015	904	1	Acetate Sleeve	Soil	None			X	X							
		B091-1.5	12/21/2015	905	1	Acetate Sleeve	Soil	None					X							
		B091-3	12/21/2015	906	1	Acetate Sleeve	Soil	None					X							
	44	341385	B092-0.5	12/21/2015	855	1	Acetate Sleeve	Soil	None			X	X							
		B092-1.5	12/21/2015	856	1	Acetate Sleeve	Soil	None					X							
		B092-3	12/21/2015	857	1	Acetate Sleeve	Soil	None					X							
45	341386	B093-0.5	12/21/2015	757	1	Acetate Sleeve	Soil	None			X	X								
	B093-1.5	12/21/2015	758	1	Acetate Sleeve	Soil	None					X								
Collected By: Derek Gill				Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30		TAT		
Relinquished By:				Date		Time		Received For Laboratory <i>Janet Chun</i>				Date 12/23/15				Time 10:00		Normal X		
Received By:				Date		Time		Condition of Sample:										Rush		

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White - Report, Yellow - Laboratory, Pink - Client



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Environmental Testing Services

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Page 14 of 16

COC#

GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED															
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive																
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																			
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																			
Special Instruction:			Project ID: 01203535.32																						
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																			
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks			
	Lab ID	Sample ID	Date	Time	#	Type																			
		B093-3	12/21/2015	759	1	Acetate Sleeve	Soil	None																	
46	341387	B094-0.5	12/21/2015	806	1	Acetate Sleeve	Soil	None			X	X													
		B094-1.5	12/21/2015	807	1	Acetate Sleeve	Soil	None					X												
		B094-3	12/21/2015	808	1	Acetate Sleeve	Soil	None					X												
47	341388	B095-0.5	12/21/2015	813	1	Acetate Sleeve	Soil	None			X	X													
		B095-1.5	12/21/2015	814	1	Acetate Sleeve	Soil	None					X												
		B095-3	12/21/2015	815	1	Acetate Sleeve	Soil	None					X												
48	341389	B096-0.5	12/21/2015	825	1	Acetate Sleeve	Soil	None			X	X													
		B096-1.5	12/21/2015	826	1	Acetate Sleeve	Soil	None					X												
		B096-3	12/21/2015	827	1	Acetate Sleeve	Soil	None					X												
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>Derek Gill</i>						Date 12/22/15		Time 16:30		TAT					
Relinquished By:						Date		Time		Received For Laboratory <i>Janet Chin</i>						Date 12/23/15		Time 10:00		Normal X					
Received By:						Date		Time		Condition of Sample:						Rush									

CHAIN OF CUSTODY

White - Report, Yellow - Laboratory, Pink - Client

White - Report, **Yellow** - Laboratory, **Pink** - Client



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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Page 16 of 16

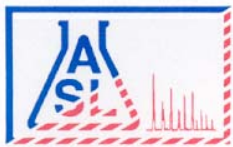
COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED											
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --															
Telephone: 858-571-5500			San Diego, CA 92154			Address: --															
Special Instruction:			Project ID: 01203535.32																		
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32															
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation												
	Lab ID	Sample ID	Date	Time	#	Type															
		B100-1.5	12/21/2015	834	1	Acetate Sleeve	Soil	None													
		B100-3	12/21/2015	835	1	Acetate Sleeve	Soil	None													
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>Derek Gill</i>						Date 12/22/15		Time 16:30		TAT	
Relinquished By:						Date		Time		Received For Laboratory: <i>Janet Chin</i>						Date 12/23/15		Time 10:00		Normal X	
Received By:						Date		Time		Condition of Sample:										Rush	

CHAIN OF CUSTODY

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**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 2

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

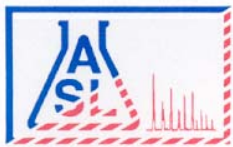
QC Batch No: 122415-2

Our Lab I.D.		341342	341343	341344	341345	341346
Client Sample I.D.		B020-0.5	B021-0.5	B022-0.5	B023-0.5	B024-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	1.29	0.930	3.74	2.64	2.47

QUALITY CONTROL REPORT

QC Batch No: 122415-2

	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Analytes										
ICP Metals										
Arsenic	102	96	6.1	80-120	<20					



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**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 3

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

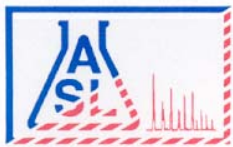
QC Batch No: 122415-2

Our Lab I.D.		341347	341348	341349	341350	341351
Client Sample I.D.		B025-0.5	B026-0.5	B027-0.5	B028-0.5	B029-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	2.49	3.51	3.97	3.64	3.75

QUALITY CONTROL REPORT

QC Batch No: 122415-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	102	96	6.1	80-120	<20					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 4

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

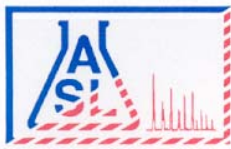
QC Batch No: 122415-2

Our Lab I.D.		341352	341353	341354	341355	341356
Client Sample I.D.		B034-0.5	B035-0.5	B036-0.5	B037-0.5	B038-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	5.13	4.91	7.98	3.94	4.87

QUALITY CONTROL REPORT

QC Batch No: 122415-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	102	96	6.1	80-120	<20					



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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ANALYTICAL RESULTS

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: **5**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

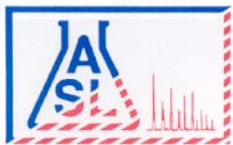
QC Batch No: 122415-3

Our Lab I.D.		341357	341358	341359	341360	341361
Client Sample I.D.		B039-0.5	B040-0.5	B041-0.5	B042-0.5	B043-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	2.98	4.10	5.93	3.52	4.22

QUALITY CONTROL REPORT

QC Batch No: 122415-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	100	101	<1	80-120	<20					



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Site

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 6

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

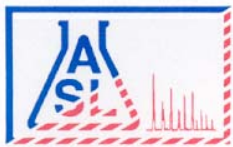
QC Batch No: 122415-3

Our Lab I.D.		341362	341363	341364	341365	341366
Client Sample I.D.		B056-0.5	B057-0.5	B058-0.5	B059-0.5	B060-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	4.30	3.32	3.72	6.02	2.93

QUALITY CONTROL REPORT

QC Batch No: 122415-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	100	101	<1	80-120	<20					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

SCS Engineers
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9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 7

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

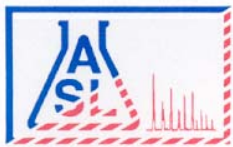
QC Batch No: 122415-3

Our Lab I.D.		341367	341368	341369	341370	341371
Client Sample I.D.		B074-0.5	B075-0.5	B076-0.5	B077-0.5	B078-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	5.12	2.90	3.86	3.58	3.85

QUALITY CONTROL REPORT

QC Batch No: 122415-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	100	101	<1	80-120	<20					



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Page: 8

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

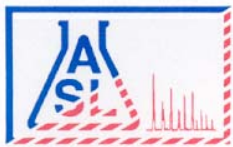
QC Batch No: 122415-4

Our Lab I.D.		341372	341373	341374	341375	341376
Client Sample I.D.		B079-0.5	B080-0.5	B081-0.5	B082-0.5	B083-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	3.80	4.01	6.75	8.56	4.65

QUALITY CONTROL REPORT

QC Batch No: 122415-4

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	99	98	<1	80-120	<20					



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Page: 9

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

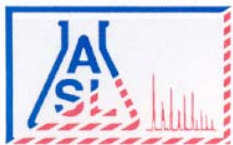
QC Batch No: 122415-4

Our Lab I.D.		341377	341378	341379	341380	341381
Client Sample I.D.		B084-0.5	B085-0.5	B086-0.5	B087-0.5	B088-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	6.06	4.12	5.37	4.44	7.89

QUALITY CONTROL REPORT

QC Batch No: 122415-4

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	99	98	<1	80-120	<20					



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Page: **10**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

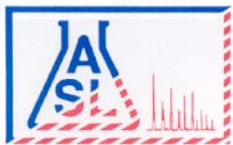
QC Batch No: 122415-4

Our Lab I.D.		341382	341383	341384	341385	341386
Client Sample I.D.		B089-0.5	B090-0.5	B091-0.5	B092-0.5	B093-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	3.37	3.78	2.40	2.94	6.31

QUALITY CONTROL REPORT

QC Batch No: 122415-4

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	99	98	<1	80-120	<20					



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Page: 11

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

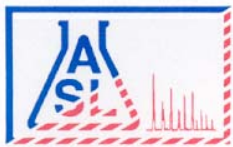
QC Batch No: 122415-5

Our Lab I.D.		341387	341388	341389	341390	341391
Client Sample I.D.		B094-0.5	B095-0.5	B096-0.5	B097-0.5	B098-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/24/2015	12/24/2015	12/24/2015	12/24/2015	12/24/2015
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015	12/28/2015	12/28/2015	12/28/2015
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	4.03	3.06	2.87	4.91	3.15

QUALITY CONTROL REPORT

QC Batch No: 122415-5

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	92	98	5.7	80-120	<20					



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Page: **12**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 6010B, Arsenic (ICP)

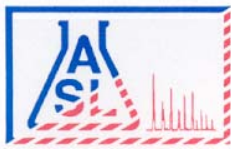
QC Batch No: 122415-5

Our Lab I.D.		341392	341393			
Client Sample I.D.		B099-0.5	B100-0.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		12/24/2015	12/24/2015			
Preparation Method						
Date Analyzed		12/28/2015	12/28/2015			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
ICP Metals						
Arsenic	0.250	2.68	6.71			

QUALITY CONTROL REPORT

QC Batch No: 122415-5

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	92	98	5.7	80-120	<20					



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Page: **13**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

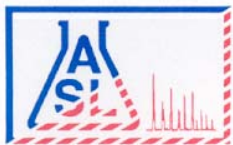
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-1

Our Lab I.D.		341342	341343	341345	341346	341347
Client Sample I.D.		B020-0.5	B021-0.5	B023-0.5	B024-0.5	B025-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/29/2015	12/29/2015	12/29/2015	12/29/2015	12/29/2015
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015	12/29/2015	12/29/2015	12/29/2015
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	ND	ND	7.82	70.1	100
4,4'-DDT (DDT)	4.00	ND	ND	ND	7.89	17.5
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	400	233
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341342	341343	341345	341346	341347
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	74	95	93	97	112



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ANALYTICAL RESULTS

Page: **14**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

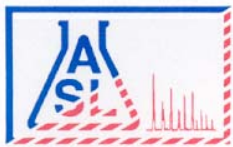
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	93	88	5.5	42-122	<30					
4,4'-DDT (DDT)	83	82	1.2	25-160	<30					
Dieldrin	101	94	7.2	36-146	<30					
Endrin	91	101	10.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	69	69	<1	32-127	<30					
Heptachlor	54	60	10.5	34-111	<30					



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Page: 15

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

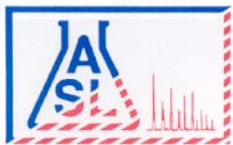
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-1

Our Lab I.D.		341349	341351			
Client Sample I.D.		B027-0.5	B029-0.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		12/29/2015	12/29/2015			
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015			
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	ND	ND			
4,4'-DDE (DDE)	4.00	72.1	42.7			
4,4'-DDT (DDT)	4.00	10.2	24.1			
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	ND	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.		341349	341351			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	112	117			



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Page: **16**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

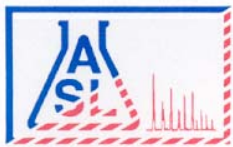
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	93	88	5.5	42-122	<30					
4,4'-DDT (DDT)	83	82	1.2	25-160	<30					
Dieldrin	101	94	7.2	36-146	<30					
Endrin	91	101	10.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	69	69	<1	32-127	<30					
Heptachlor	54	60	10.5	34-111	<30					



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Page: 17

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

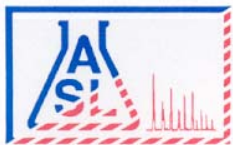
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-1A

Our Lab I.D.		341344	341348	341350		
Client Sample I.D.		B022-0.5	B026-0.5	B028-0.5		
Date Sampled		12/21/2015	12/21/2015	12/21/2015		
Date Prepared		12/29/2015	12/29/2015	12/29/2015		
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015	12/29/2015		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Aldrin	2.00	ND	ND	ND		
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND		
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND		
Gamma-Chlordane	2.00	ND	ND	ND		
alpha-Chlordane	2.00	ND	ND	ND		
4,4'-DDD (DDD)	4.00	27.1	8.05	6.84		
4,4'-DDE (DDE)	40.0	891	919	609		
4,4'-DDT (DDT)	4.00	77.7	31.6	96.3		
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND		
Dieldrin	4.00	ND	ND	ND		
Endosulfan 1	2.00	ND	ND	ND		
Endosulfan 11	4.00	ND	ND	ND		
Endosulfan sulfate	4.00	ND	ND	ND		
Endrin	4.00	ND	ND	ND		
Endrin aldehyde	4.00	ND	ND	ND		
Endrin ketone	4.00	ND	ND	ND		
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND		
Heptachlor	2.00	ND	ND	ND		
Heptachlor epoxide	2.00	ND	ND	ND		
Methoxychlor	4.00	ND	ND	ND		
Toxaphene	170	2000	1810	1290		
Chlordane, Total	170	ND	ND	ND		

Our Lab I.D.		341344	341348	341350		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	115	89	99		



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ANALYTICAL RESULTS

Page: **18**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

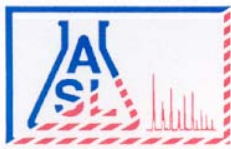
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	93	88	5.5	42-122	<30					
4,4'-DDT (DDT)	83	82	1.2	25-160	<30					
Dieldrin	101	94	7.2	36-146	<30					
Endrin	91	101	10.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	69	69	<1	32-127	<30					
Heptachlor	54	60	10.5	34-111	<30					



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ANALYTICAL RESULTS

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Telephone: (858)571-5500

Attn: Luke Montague

Page: 19

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

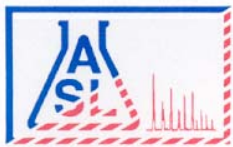
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-1B

Our Lab I.D.		341352	341353	341354	341356	341358
Client Sample I.D.		B034-0.5	B035-0.5	B036-0.5	B038-0.5	B040-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/29/2015	12/29/2015	12/29/2015	12/29/2015	12/29/2015
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015	12/29/2015	12/29/2015	12/29/2015
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	13.7	24.7	16.1	56.4	48.7
4,4'-DDE (DDE)	80.0	1210	1840	739	1760	1560
4,4'-DDT (DDT)	80.0	140	300	129	245	168
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	ND	ND	ND	ND	ND
Toxaphene	170	2270	2770	1830	3030	2570
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341352	341353	341354	341356	341358
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	117	113	114	95	84



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ANALYTICAL RESULTS

Page: **20**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

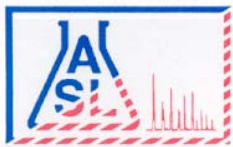
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-1B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	93	88	5.5	42-122	<30					
4,4'-DDT (DDT)	83	82	1.2	25-160	<30					
Dieldrin	101	94	7.2	36-146	<30					
Endrin	91	101	10.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	69	69	<1	32-127	<30					
Heptachlor	54	60	10.5	34-111	<30					



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ANALYTICAL RESULTS

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Attn: Luke Montague

Page: **21**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

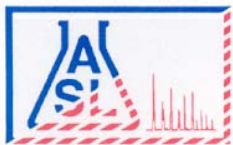
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-1B

Our Lab I.D.		341359	341360	341361		
Client Sample I.D.		B041-0.5	B042-0.5	B043-0.5		
Date Sampled		12/21/2015	12/21/2015	12/21/2015		
Date Prepared		12/29/2015	12/29/2015	12/29/2015		
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015	12/29/2015		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Aldrin	2.00	ND	ND	ND		
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND		
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND		
Gamma-Chlordane	2.00	ND	ND	ND		
alpha-Chlordane	2.00	ND	ND	ND		
4,4'-DDD (DDD)	4.00	48.3	52.8	35.6		
4,4'-DDE (DDE)	80.0	1430	1120	1460		
4,4'-DDT (DDT)	80.0	247	431	362		
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND		
Dieldrin	4.00	ND	ND	ND		
Endosulfan 1	2.00	ND	ND	ND		
Endosulfan 11	4.00	ND	ND	ND		
Endosulfan sulfate	4.00	ND	ND	ND		
Endrin	4.00	ND	ND	ND		
Endrin aldehyde	4.00	ND	ND	ND		
Endrin ketone	4.00	ND	ND	ND		
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND		
Heptachlor	2.00	ND	ND	ND		
Heptachlor epoxide	2.00	ND	ND	ND		
Methoxychlor	4.00	ND	ND	ND		
Toxaphene	170	2510	2570	2620		
Chlordane, Total	170	ND	ND	ND		

Our Lab I.D.		341359	341360	341361		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	106	96	114		



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ANALYTICAL RESULTS

Page: **22**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

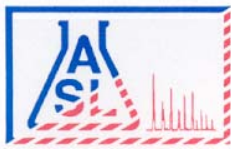
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-1B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	93	88	5.5	42-122	<30					
4,4'-DDT (DDT)	83	82	1.2	25-160	<30					
Dieldrin	101	94	7.2	36-146	<30					
Endrin	91	101	10.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	69	69	<1	32-127	<30					
Heptachlor	54	60	10.5	34-111	<30					



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ANALYTICAL RESULTS

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Telephone: (858)571-5500

Attn: Luke Montague

Page: **23**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

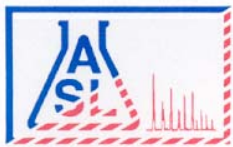
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-1C

Our Lab I.D.		341355	341357			
Client Sample I.D.		B037-0.5	B039-0.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		12/29/2015	12/29/2015			
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015			
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	25.9	18.8			
4,4'-DDE (DDE)	40.0	837	399			
4,4'-DDT (DDT)	40.0	118	194			
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	ND	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	1170	1350			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		341355	341357			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	112	103			



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ANALYTICAL RESULTS

Page: **24**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

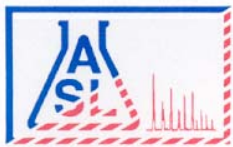
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-1C

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	93	88	5.5	42-122	<30					
4,4'-DDT (DDT)	83	82	1.2	25-160	<30					
Dieldrin	101	94	7.2	36-146	<30					
Endrin	91	101	10.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	69	69	<1	32-127	<30					
Heptachlor	54	60	10.5	34-111	<30					



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ANALYTICAL RESULTS

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Attn: Luke Montague

Page: **25**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

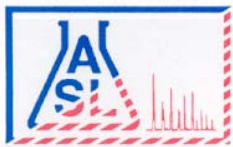
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-2

Our Lab I.D.		341365	341370			
Client Sample I.D.		B059-0.5	B077-0.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		12/29/2015	12/29/2015			
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015			
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	ND	ND			
4,4'-DDE (DDE)	4.00	56.6	71.6			
4,4'-DDT (DDT)	4.00	21.9	7.72			
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	ND	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.		341365	341370			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	106	112			



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ANALYTICAL RESULTS

Page: **26**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

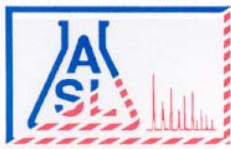
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	95	85	11.1	42-122	<30					
4,4'-DDT (DDT)	63	56	11.8	25-160	<30					
Dieldrin	99	81	20.0	36-146	<30					
Endrin	87	81	7.1	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	71	70	1.4	32-127	<30					
Heptachlor	56	51	9.3	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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Page: **27**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

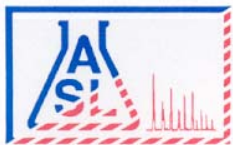
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-2A

Our Lab I.D.		341362	341363	341364	341366	341368
Client Sample I.D.		B056-0.5	B057-0.5	B058-0.5	B060-0.5	B075-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/29/2015	12/29/2015	12/29/2015	12/29/2015	12/29/2015
Preparation Method						
Date Analyzed		12/29/2015	12/29/2015	12/29/2015	12/29/2015	12/29/2015
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	45.2	32.8	57.9	54.4	42.3
4,4'-DDE (DDE)	80.0	1060	862	885	1300	595
4,4'-DDT (DDT)	80.0	254	176	562	227	225
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	ND	ND	ND	ND	ND
Toxaphene	170	2240	1140	2730	2870	2370
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341362	341363	341364	341366	341368
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	105	108	102	75	120



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ANALYTICAL RESULTS

Page: **28**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

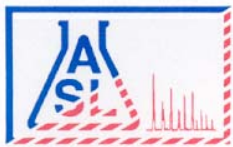
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-2A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	95	85	11.1	42-122	<30					
4,4'-DDT (DDT)	63	56	11.8	25-160	<30					
Dieldrin	99	81	20.0	36-146	<30					
Endrin	87	81	7.1	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	71	70	1.4	32-127	<30					
Heptachlor	56	51	9.3	34-111	<30					



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ANALYTICAL RESULTS

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Page: 29

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

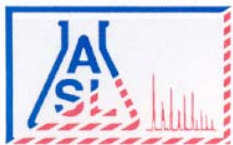
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-2A

Our Lab I.D.		341369				
Client Sample I.D.		B076-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/29/2015				
Preparation Method						
Date Analyzed		12/29/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	16.6				
4,4'-DDE (DDE)	80.0	1080				
4,4'-DDT (DDT)	80.0	295				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	1430				
Chlordane, Total	170	ND				

Our Lab I.D.		341369				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	103				



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ANALYTICAL RESULTS

Page: **30**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

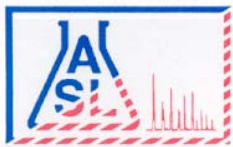
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-2A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	95	85	11.1	42-122	<30					
4,4'-DDT (DDT)	63	56	11.8	25-160	<30					
Dieldrin	99	81	20.0	36-146	<30					
Endrin	87	81	7.1	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	71	70	1.4	32-127	<30					
Heptachlor	56	51	9.3	34-111	<30					



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ANALYTICAL RESULTS

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Telephone: (858)571-5500

Attn: Luke Montague

Page: **31**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

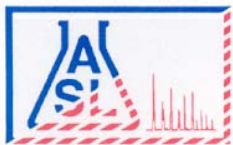
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-2B

Our Lab I.D.		341367				
Client Sample I.D.		B074-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/29/2015				
Preparation Method						
Date Analyzed		12/29/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	14.1				
4,4'-DDE (DDE)	40.0	2080				
4,4'-DDT (DDT)	40.0	310				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	814				
Chlordane, Total	170	ND				

Our Lab I.D.		341367				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	107				



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ANALYTICAL RESULTS

Page: **32**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

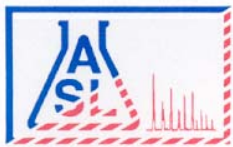
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-2B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	95	85	11.1	42-122	<30					
4,4'-DDT (DDT)	63	56	11.8	25-160	<30					
Dieldrin	99	81	20.0	36-146	<30					
Endrin	87	81	7.1	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	71	70	1.4	32-127	<30					
Heptachlor	56	51	9.3	34-111	<30					



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Attn: Luke Montague

Page: 33

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

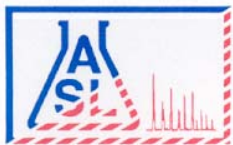
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 122915-2C

Our Lab I.D.		341371				
Client Sample I.D.		B078-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/29/2015				
Preparation Method						
Date Analyzed		12/29/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	14.6				
4,4'-DDE (DDE)	40.0	662				
4,4'-DDT (DDT)	4.00	69.8				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	642				
Chlordane, Total	170	ND				

Our Lab I.D.		341371				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	101				



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ANALYTICAL RESULTS

Page: **34**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

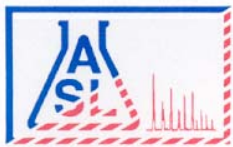
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 122915-2C

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	95	85	11.1	42-122	<30					
4,4'-DDT (DDT)	63	56	11.8	25-160	<30					
Dieldrin	99	81	20.0	36-146	<30					
Endrin	87	81	7.1	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	71	70	1.4	32-127	<30					
Heptachlor	56	51	9.3	34-111	<30					



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Page: 35

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

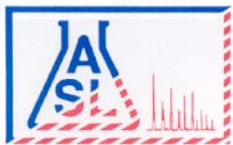
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1

Our Lab I.D.		341373				
Client Sample I.D.		B080-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/30/2015				
Preparation Method						
Date Analyzed		12/30/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	ND				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		341373				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	113				



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ANALYTICAL RESULTS

Page: **36**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

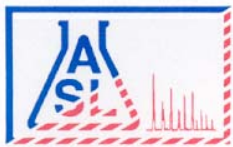
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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Page: **37**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

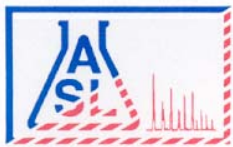
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1A

Our Lab I.D.		341372				
Client Sample I.D.		B079-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/30/2015				
Preparation Method						
Date Analyzed		12/30/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	8.67				
4,4'-DDE (DDE)	40.0	463				
4,4'-DDT (DDT)	4.00	143				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	727				
Chlordane, Total	170	ND				

Our Lab I.D.		341372				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	79				



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Page: **38**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

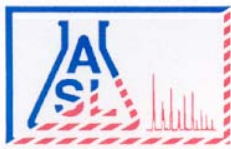
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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Page: 39

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

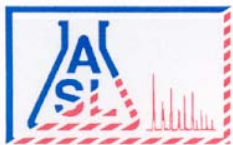
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1B

Our Lab I.D.		341374	341378	341380	341387	341388
Client Sample I.D.		B081-0.5	B085-0.5	B087-0.5	B094-0.5	B095-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/30/2015	12/30/2015	12/30/2015	12/30/2015	12/30/2015
Preparation Method						
Date Analyzed		12/30/2015	12/30/2015	12/30/2015	12/30/2015	12/30/2015
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	25.0	52.1	34.7	86.4	65.8
4,4'-DDE (DDE)	160	926	562	1410	2080	2070
4,4'-DDT (DDT)	160	195	286	254	403	442
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	ND	ND	ND	ND	ND
Toxaphene	170	1970	2010	2360	3160	2570
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341374	341378	341380	341387	341388
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	110	107	102	103	112



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Page: **40**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

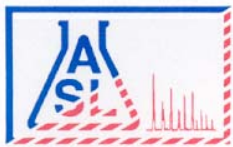
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: **41**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

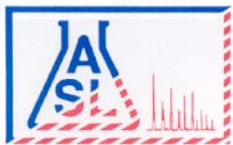
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1C

Our Lab I.D.		341375	341382	341384		
Client Sample I.D.		B082-0.5	B089-0.5	B091-0.5		
Date Sampled		12/21/2015	12/21/2015	12/21/2015		
Date Prepared		12/30/2015	12/30/2015	12/30/2015		
Preparation Method						
Date Analyzed		12/30/2015	12/30/2015	12/30/2015		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Aldrin	2.00	ND	ND	ND		
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND		
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND		
Gamma-Chlordane	2.00	ND	ND	ND		
alpha-Chlordane	2.00	ND	ND	ND		
4,4'-DDD (DDD)	4.00	50.5	ND	ND		
4,4'-DDE (DDE)	20.0	181	205	253		
4,4'-DDT (DDT)	4.00	40.0	41.2	34.0		
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND		
Dieldrin	4.00	ND	ND	ND		
Endosulfan 1	2.00	ND	ND	ND		
Endosulfan 11	4.00	ND	ND	ND		
Endosulfan sulfate	4.00	ND	ND	ND		
Endrin	4.00	ND	ND	ND		
Endrin aldehyde	4.00	ND	ND	ND		
Endrin ketone	4.00	ND	ND	ND		
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND		
Heptachlor	2.00	ND	ND	ND		
Heptachlor epoxide	2.00	ND	ND	ND		
Methoxychlor	4.00	ND	ND	ND		
Toxaphene	170	2370	286	292		
Chlordane, Total	170	ND	ND	ND		

Our Lab I.D.		341375	341382	341384		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	107	95	107		



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ANALYTICAL RESULTS

Page: **42**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

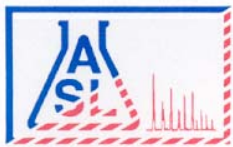
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1C

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: **43**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

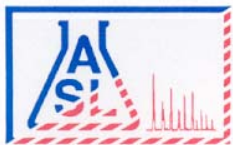
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1D

Our Lab I.D.		341376				
Client Sample I.D.		B083-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/30/2015				
Preparation Method						
Date Analyzed		12/30/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	81.8				
4,4'-DDE (DDE)	20.0	1120				
4,4'-DDT (DDT)	20.0	237				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	2490				
Chlordane, Total	170	ND				

Our Lab I.D.		341376				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	143				



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ANALYTICAL RESULTS

Page: **44**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

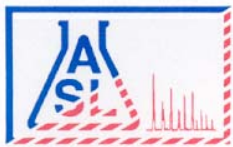
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1D

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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ANALYTICAL RESULTS

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Attn: Luke Montague

Page: 45

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

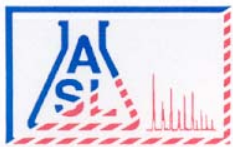
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1E

Our Lab I.D.		341377	341381			
Client Sample I.D.		B084-0.5	B088-0.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		12/30/2015	12/30/2015			
Preparation Method						
Date Analyzed		12/30/2015	12/30/2015			
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	20.1	58.5			
4,4'-DDE (DDE)	20.0	2140	1600			
4,4'-DDT (DDT)	20.0	421	273			
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	ND	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	2760	2640			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		341377	341381			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	109	106			



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ANALYTICAL RESULTS

Page: **46**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

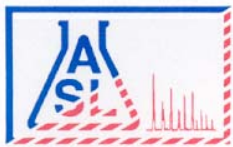
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1E

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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ANALYTICAL RESULTS

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Attn: Luke Montague

Page: **47**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

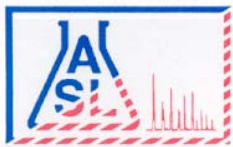
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1F

Our Lab I.D.		341379				
Client Sample I.D.		B086-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/30/2015				
Preparation Method						
Date Analyzed		12/30/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	160	1390				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	2000				
Chlordane, Total	170	ND				

Our Lab I.D.		341379				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	112				



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ANALYTICAL RESULTS

Page: **48**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

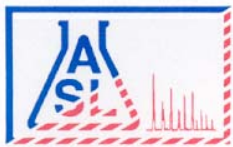
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1F

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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Attn: Luke Montague

Page: 49

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

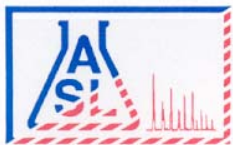
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1G

Our Lab I.D.		341383	341389	341390	341392	341393
Client Sample I.D.		B090-0.5	B096-0.5	B097-0.5	B099-0.5	B100-0.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		12/30/2015	12/30/2015	12/30/2015	12/30/2015	12/30/2015
Preparation Method						
Date Analyzed		12/30/2015	12/30/2015	12/30/2015	12/30/2015	12/30/2015
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	12.7	ND	4.74	6.19	ND
4,4'-DDE (DDE)	40.0	836	352	280	408	354
4,4'-DDT (DDT)	4.00	167	57.2	70.0	81.4	93.6
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	ND	ND	ND	ND	ND
Toxaphene	170	1760	571	414	814	543
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341383	341389	341390	341392	341393
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	105	108	100	97	98



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ANALYTICAL RESULTS

Page: **50**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

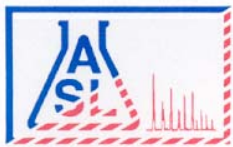
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1G

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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Telephone: (858)571-5500

Attn: Luke Montague

Page: **51**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

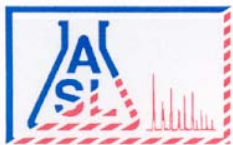
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-1H

Our Lab I.D.		341385	341386			
Client Sample I.D.		B092-0.5	B093-0.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		12/30/2015	12/30/2015			
Preparation Method						
Date Analyzed		12/30/2015	12/30/2015			
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	55.2	56.6			
4,4'-DDE (DDE)	80.0	2110	1910			
4,4'-DDT (DDT)	80.0	700	471			
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	ND	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	2340	2710			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		341385	341386			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	104	91			



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ANALYTICAL RESULTS

Page: **52**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

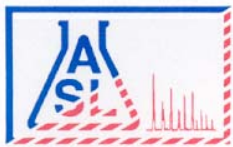
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-1H

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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Page: **53**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

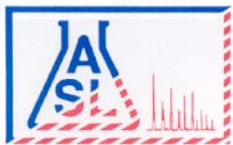
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 123015-11

Our Lab I.D.		341391				
Client Sample I.D.		B098-0.5				
Date Sampled		12/21/2015				
Date Prepared		12/30/2015				
Preparation Method						
Date Analyzed		12/30/2015				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	32.8				
4,4'-DDE (DDE)	40.0	854				
4,4'-DDT (DDT)	40.0	187				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	1430				
Chlordane, Total	170	ND				

Our Lab I.D.		341391				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	104				



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ANALYTICAL RESULTS

Page: **54**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

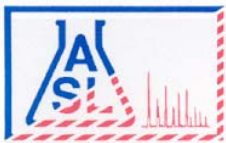
ASL Job Number	Submitted	Client
66576	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 123015-11

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	100	100	<1	42-122	<30					
4,4'-DDT (DDT)	91	89	2.2	25-160	<30					
Dieldrin	116	119	2.6	36-146	<30					
Endrin	119	115	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	105	103	1.9	32-127	<30					
Heptachlor	85	80	6.1	34-111	<30					



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Ordered By

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

Number of Pages 25
Date Received 12/23/2015
Date Reported 01/15/2016

Telephone (858) 571-5500
Attn Gill Derek

Job Number	Ordered	Client
66729	01/08/2016	SCS

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa
Site: 9300 Otay Mesa Road
San Diego, CA 92154

Enclosed are the results of analyses on 39 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

From: Gill, Derek [mailto:DGill@scsengineers.com]

Sent: Friday, January 08, 2016 10:52 AM

To: Alen Hosepian

Cc: Montague, Luke

Subject: RE: ASL PDF results for Job# 66576 (01203535.32)

NEW JOB # 66729

	Requested Date	1/8/2016	Normal TAT	Report Due	1/15/2016
Item	Sample ID	Date	Matrix	Analysis	New Lab. ID
1	B022-1.5	12/21/2015	Soil	8081A	341803
2	B026-1.5	12/21/2015	Soil	8081A	341804
3	B028-1.5	12/21/2015	Soil	8081A	341805
4	B034-1.5	12/21/2015	Soil	8081A	341806
5	B035-1.5	12/21/2015	Soil	8081A	341807
6	B036-1.5	12/21/2015	Soil	8081A	341808
7	B037-1.5	12/21/2015	Soil	8081A	341809
8	B038-1.5	12/21/2015	Soil	8081A	341810
9	B039-1.5	12/21/2015	Soil	8081A	341811
10	B040-1.5	12/21/2015	Soil	8081A	341812
11	B041-1.5	12/21/2015	Soil	8081A	341813
12	B042-1.5	12/21/2015	Soil	8081A	341814
13	B043-1.5	12/21/2015	Soil	8081A	341815
14	B056-1.5	12/21/2015	Soil	8081A	341816
15	B057-1.5	12/21/2015	Soil	8081A	341817
16	B058-1.5	12/21/2015	Soil	8081A	341818
17	B060-1.5	12/21/2015	Soil	8081A	341819
18	B074-1.5	12/21/2015	Soil	8081A	341820
19	B075-1.5	12/21/2015	Soil	8081A	341821
20	B076-1.5	12/21/2015	Soil	8081A	341822
21	B078-1.5	12/21/2015	Soil	8081A	341823
22	B079-1.5	12/21/2015	Soil	8081A	341824
23	B081-1.5	12/21/2015	Soil	8081A	341825
24	B082-1.5	12/21/2015	Soil	8081A	341826
25	B083-1.5	12/21/2015	Soil	8081A	341827
26	B084-1.5	12/21/2015	Soil	8081A	341828
27	B085-1.5	12/21/2015	Soil	8081A	341829
28	B086-1.5	12/21/2015	Soil	8081A	341830
29	B087-1.5	12/21/2015	Soil	8081A	341831
30	B088-1.5	12/21/2015	Soil	8081A	341832
31	B090-1.5	12/21/2015	Soil	8081A	341833
32	B092-1.5	12/21/2015	Soil	8081A	341834
33	B093-1.5	12/21/2015	Soil	8081A	341835
34	B094-1.5	12/21/2015	Soil	8081A	341836
35	B095-1.5	12/21/2015	Soil	8081A	341837
36	B096-1.5	12/21/2015	Soil	8081A	341838
37	B098-1.5	12/21/2015	Soil	8081A	341839
38	B099-1.5	12/21/2015	Soil	8081A	341840
39	B100-1.5	12/21/2015	Soil	8081A	341841



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Page 1 of 16

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66596.

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																	
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Olay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive													
San Diego, CA 92123				Site Address: 9300 Olay Mesa Road				Invoice To: --																	
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																	
Special Instruction:				Project ID: 01203535.32																					
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																	
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks				
	Lab ID	Sample ID	Date	Time	#	Type																			
	1	341342	8020-0.5	12/21/2015	1548	1	4oz Jar	Soil	None			X	X												
	2	341343	8021-0.5	12/21/2015	1553	1	4oz Jar	Soil	None			X	X												
	3	341344	8022-0.5	12/21/2015	1408	1	Acetate Sleeve	Soil	None			X	X												
			8022-1.5	12/21/2015	1409	1	Acetate Sleeve	Soil	None					X											
			8022-3	12/21/2015	1410	1	Acetate Sleeve	Soil	None					X											
	4	341345	8023-0.5	12/21/2015	1419	1	Acetate Sleeve	Soil	None			X	X												
			8023-1.5	12/21/2015	1420	1	Acetate Sleeve	Soil	None					X											
			8023-3	12/21/2015	1421	1	Acetate Sleeve	Soil	None					X											
5	341346	8024-0.5	12/21/2015	1428	1	Acetate Sleeve	Soil	None			X	X													
		8024-1.5	12/21/2015	1429	1	Acetate Sleeve	Soil	None					X												
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: [Signature]				Date 12/22/15				Time 16:30				TAT	
Relinquished By:				Date				Time				Received				Date				Time				Normal X	
Received By:				Date				Time				For Laboratory Janet Chun				12/23/15				10:00				Rush	
												Condition of Sample:													

White - Report, Yellow - Laboratory, Pink - Client

CHAIN OF CUSTODY



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Page 2 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED												C H A I N O F C U S T O D Y			
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																			
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																			
Special Instruction:			Project ID: 01203535.32																						
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																			
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation																
	Lab ID	Sample ID	Date	Time	#	Type																			
		8024-3	12/21/2015	1430	1	Acetate Sleeve	Soil	None																	
6	341347	8025-0.5	12/21/2015	1436	1	Acetate Sleeve	Soil	None			X	X													
		8025-1.5	12/21/2015	1437	1	Acetate Sleeve	Soil	None					X												
		8025-3	12/21/2015	1438	1	Acetate Sleeve	Soil	None					X												
7	341348	8026-0.5	12/21/2015	1444	1	Acetate Sleeve	Soil	None			X	X													
		8026-1.5	12/21/2015	1445	1	Acetate Sleeve	Soil	None					X												
		8026-3	12/21/2015	1446	1	Acetate Sleeve	Soil	None					X												
8	341349	8027-0.5	12/21/2015	1451	1	Acetate Sleeve	Soil	None			X	X													
		8027-1.5	12/21/2015	1452	1	Acetate Sleeve	Soil	None					X												
		8027-3	12/21/2015	1453	1	Acetate Sleeve	Soil	None					X												
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>						Date 12/22/15		Time 16:30		TAT					
Relinquished By:						Date		Time		Received						Date		Time		Normal X					
Received By:						Date		Time		For Laboratory Janet Chin						12/23/15		10:00		Rush					
Condition of Sample:																									

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Page 4 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																			
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																			
Special Instruction:				Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																			
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
		B035-1.5	12/21/2015	1529	1	Acetate Sleeve	Soil	None																			
		B035-3	12/21/2015	1530	1	Acetate Sleeve	Soil	None																			
13	341354	B036-0.5	12/21/2015	1306	1	Acetate Sleeve	Soil	None				X	X														
		B036-1.5	12/21/2015	1307	1	Acetate Sleeve	Soil	None						X													
		B036-3	12/21/2015	1308	1	Acetate Sleeve	Soil	None						X													
14	341355	B037-0.5	12/21/2015	1257	1	Acetate Sleeve	Soil	None				X	X														
		B037-1.5	12/21/2015	1258	1	Acetate Sleeve	Soil	None						X													
		B037-3	12/21/2015	1259	1	Acetate Sleeve	Soil	None						X													
15	341356	B038-0.5	12/21/2015	1249	1	Acetate Sleeve	Soil	None				X	X														
		B038-1.5	12/21/2015	1250	1	Acetate Sleeve	Soil	None						X													
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received				Date				Time				Normal X			
												For Laboratory <i>Janet Chin</i>				12/23/15				10:00				Rush			
Received By:				Date				Time				Condition of Sample:															

CHAIN OF CUSTODY

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Page 5 of 16

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED												C H A I N O F C U S T O D Y		
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																
Special Instruction:				Project ID: 01203535.32																				
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation																Remarks
	Lab ID	Sample ID	Date	Time	#	Type																		
			8038-3	12/21/2015	1251	1	Acetate Sleeve	Soil	None															
	10	341357	8039-0.5	12/21/2015	1241	1	Acetate Sleeve	Soil	None			X	X											
			8039-1.5	12/21/2015	1242	1	Acetate Sleeve	Soil	None					X										
			8039-3	12/21/2015	1243	1	Acetate Sleeve	Soil	None					X										
	12	341358	8040-0.5	12/21/2015	1021	1	Acetate Sleeve	Soil	None			X	X											
			8040-1.5	12/21/2015	1022	1	Acetate Sleeve	Soil	None					X										
			8040-3	12/21/2015	1023	1	Acetate Sleeve	Soil	None					X										
	18	341359	8041-0.5	12/21/2015	1028	1	Acetate Sleeve	Soil	None			X	X											
		8041-1.5	12/21/2015	1029	1	Acetate Sleeve	Soil	None					X											
		8041-3	12/21/2015	1030	1	Acetate Sleeve	Soil	None					X											
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>						Date 12/22/15		Time 16:30		TAT				
Relinquished By:						Date		Time		Received For Laboratory: <i>Janet Chin</i>						Date 12/23/15		Time 10:00		Normal X				
Received By:						Date		Time		Condition of Sample:										Rush				

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Page 7 of 16

COC#

GLOBAL ID

E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																	
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive													
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																	
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																	
Special Instruction:				Project ID: 01203535.32																					
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O #: 01203535.32																	
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks				
	Lab ID	Sample ID	Date	Time	#	Type																			
		B057-1.5	12/21/2015	1227	1	Acetate Sleeve	Soil	None																	
		B057-3	12/21/2015	1228	1	Acetate Sleeve	Soil	None																	
23	341364	B058-0.5	12/21/2015	1219	1	Acetate Sleeve	Soil	None		X	X														
		B058-1.5	12/21/2015	1220	1	Acetate Sleeve	Soil	None			X														
		B058-3	12/21/2015	1221	1	Acetate Sleeve	Soil	None			X														
24	341365	B059-0.5	12/21/2015	1051	1	Acetate Sleeve	Soil	None		X	X														
		B059-1.5	12/21/2015	1052	1	Acetate Sleeve	Soil	None			X														
		B059-3	12/21/2015	1053	1	Acetate Sleeve	Soil	None			X														
25	341366	B060-0.5	12/21/2015	1101	1	Acetate Sleeve	Soil	None		X	X														
		B060-1.5	12/21/2015	1102	1	Acetate Sleeve	Soil	None			X														
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15				Time 16:30				TAT	
Relinquished By:				Date				Time				Received				Date				Time				Normal X	
Received By:				Date				Time				For Laboratory Janet Chun				12/23/15				10:00				Rush	
												Condition of Sample:													

CHAIN OF CUSTODY

White - Report, Yellow - Laboratory, Pink - Client

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COC# GLOBAL ID E REPORT: PDFX EDF EDDX

ASL JOB# 66576 .

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED													
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --				8081A OCPs 6010B Arsenic Archive													
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																	
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																	
Special Instruction:			Project ID: 01203535.32																				
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O. #: 01203535.32																	
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation											Remarks			
	Lab ID	Sample ID	Date	Time	#	Type																	
			B060-3	12/21/2015	1103	1	Acetate Sleeve	Soil	None														
	341367		B074-0.5	12/21/2015	1352	1	Acetate Sleeve	Soil	None		X	X											
			B074-1.5	12/21/2015	1353	1	Acetate Sleeve	Soil	None				X										
			B074-3	12/21/2015	1354	1	Acetate Sleeve	Soil	None				X										
	341368		B075-0.5	12/21/2015	1400	1	Acetate Sleeve	Soil	None		X	X											
			B075-1.5	12/21/2015	1401	1	Acetate Sleeve	Soil	None				X										
			B075-3	12/21/2015	1402	1	Acetate Sleeve	Soil	None				X										
	341369		B076-0.5	12/21/2015	1339	1	Acetate Sleeve	Soil	None		X	X											
		B076-1.5	12/21/2015	1340	1	Acetate Sleeve	Soil	None				X											
		B076-3	12/21/2015	1341	1	Acetate Sleeve	Soil	None				X											
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>[Signature]</i>						Date 12/22/15		Time 16:30		TAT			
Relinquished By:						Date		Time		Received						Date		Time		Normal X			
										For Laboratory Janet Chun						12/23/15		10:00		Rush			
Received By:						Date		Time		Condition of Sample:													

White - Report, **Yellow** - Laboratory, **Pink** - Client



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Page 9 of 16

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED															
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive											
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --															
Telephone: 858-571-5500				San Diego, CA 92154				Address: --															
Special Instruction:				Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32															
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks		
	Lab ID	Sample ID	Date	Time	#	Type																	
	29	341370	8077-0.5	12/21/2015	1325	1	Acetate Sleeve	Soil	None			X	X										
			8077-1.5	12/21/2015	1326	1	Acetate Sleeve	Soil	None					X									
			8077-3	12/21/2015	1327	1	Acetate Sleeve	Soil	None					X									
	30	341371	8078-0.5	12/21/2015	1316	1	Acetate Sleeve	Soil	None			X	X										
			8078-1.5 ✓	12/21/2015	1317	1	Acetate Sleeve	Soil	None					X									
			8078-3	12/21/2015	1318	1	Acetate Sleeve	Soil	None					X									
	31	341372	8079-0.5	12/21/2015	1000	1	Acetate Sleeve	Soil	None			X	X										
			8079-1.5 ✓	12/21/2015	1001	1	Acetate Sleeve	Soil	None					X									
		8079-3	12/21/2015	1002	1	Acetate Sleeve	Soil	None					X										
32	341373	8080-0.5	12/21/2015	1007	1	Acetate Sleeve	Soil	None			X	X											
Collected By: Derek Gill				Date 12/21/15 Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15 Time 16:30				TAT							
Relinquished By:				Date Time				Received For Laboratory				Date 12/23/15 Time 10:00				Normal X							
Received By:				Date Time				Condition of Sample:								Rush							

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White - Report, Yellow - Laboratory, Pink - Client

2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# GLOBAL ID _____ E REPORT: PDFX EDF EDDX

ASL JOB# 66576 .

Company: SCS Engineers					Report To: Luke Montague					ANALYSIS REQUESTED																								
Address: 8799 Balboa Ave Suite 290					Project Name: Sunroad Otay Mesa					Address: --					8081A OCPs 6010B Arsenic Archive																			
San Diego, CA 92123					Site Address: 9300 Otay Mesa Road					Invoice To: --																								
Telephone: 858-571-5500					San Diego, CA 92154					Address: --																								
Special Instruction:					Project ID: 01203535.32																													
E-mail: lmontague@scsengineers.com dgill@scsengineers.com					Project Manager: Luke Montague					P.O.#: 01203535.32																								
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation											Remarks														
	Lab ID	Sample ID	Date	Time	#	Type																												
		B080-1.5 ✓	12/21/2015	1008	1	Acetate Sleeve	Soil	None																										
		B080-3	12/21/2015	1009	1	Acetate Sleeve	Soil	None																										
23	341374	B081-0.5	12/21/2015	1013	1	Acetate Sleeve	Soil	None				X	X																					
		B081-1.5 ✓	12/21/2015	1014	1	Acetate Sleeve	Soil	None						X																				
		B081-3	12/21/2015	1015	1	Acetate Sleeve	Soil	None						X																				
34	341375	B082-0.5	12/21/2015	953	1	Acetate Sleeve	Soil	None				X	X																					
		B082-1.5 ✓	12/21/2015	954	1	Acetate Sleeve	Soil	None						X																				
		B082-3	12/21/2015	955	1	Acetate Sleeve	Soil	None						X																				
35	341376	B083-0.5	12/21/2015	946	1	Acetate Sleeve	Soil	None				X	X																					
		B083-1.5 ✓	12/21/2015	947	1	Acetate Sleeve	Soil	None						X																				
Collected By: Derek Gill					Date 12/21/15					Time					Relinquished By: <i>Derek Gill</i>					Date 12/22/15					Time 16:30					TAT				
Relinquished By:					Date					Time					Received					Date					Time					Normal X				
															For Laboratory <i>Janet Chun</i>					<i>12/23/15</i>					<i>10:00</i>					Rush				
Received By:					Date					Time					Condition of Sample:																			

White - Report, **Yellow** - Laboratory, **Pink** - Client



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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Page 11 of 16

COC#

GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers							Report To: Luke Montague				ANALYSIS REQUESTED												
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive											
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --															
Telephone: 858-571-5500				San Diego, CA 92154				Address: --															
Special Instruction:				Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32															
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation														
	Lab ID	Sample ID	Date	Time	#	Type																	
		8083-3	12/21/2015	948	1	Acetate Sleeve	Soil															None	
	36 341397	8084-0.5	12/21/2015	938	1	Acetate Sleeve	Soil															None	
		8084-1.5	12/21/2015	939	1	Acetate Sleeve	Soil															None	
		8084-3	12/21/2015	940	1	Acetate Sleeve	Soil															None	
	37 341398	8085-0.5	12/21/2015	930	1	Acetate Sleeve	Soil															None	
		8085-1.5	12/21/2015	931	1	Acetate Sleeve	Soil															None	
		8085-3	12/21/2015	932	1	Acetate Sleeve	Soil															None	
	38 341399	8086-0.5	12/21/2015	717	1	Acetate Sleeve	Soil															None	
	8086-1.5	12/21/2015	718	1	Acetate Sleeve	Soil	None																
	8086-3	12/21/2015	719	1	Acetate Sleeve	Soil	None																
Collected By: Derek Gill							Date 12/21/15		Time		Relinquished By: <i>Derek Gill</i>							Date 12/22/15		Time 16:30		TAT	
Relinquished By:							Date		Time		Received For Laboratory <i>Janet Chun</i>							Date 12/23/15		Time 10:00		Normal X	
Received By:							Date		Time		Condition of Sample:											Rush	

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White - Report, Yellow - Laboratory, Pink - Client

ASL JOB# 66576 .

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED											
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --															
Telephone: 858-571-5500			San Diego, CA 92154			Address: --															
Special Instruction:			Project ID: 01203535.32																		
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32															
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation												
	Lab ID	Sample ID	Date	Time	#	Type															
39	341380	B087-0.5	12/21/2015	730	1	Acetate Sleeve	Soil	None													
		B087-1.5	12/21/2015	731	1	Acetate Sleeve	Soil	None													
		B087-3	12/21/2015	732	1	Acetate Sleeve	Soil	None													
40	341381	B088-0.5	12/21/2015	740	1	Acetate Sleeve	Soil	None													
		B088-1.5	12/21/2015	741	1	Acetate Sleeve	Soil	None													
		B088-3	12/21/2015	742	1	Acetate Sleeve	Soil	None													
41	341382	B089-0.5	12/21/2015	922	1	Acetate Sleeve	Soil	None													
		B089-1.5	12/21/2015	923	1	Acetate Sleeve	Soil	None													
		B089-3	12/21/2015	924	1	Acetate Sleeve	Soil	None													
42	341383	B090-0.5	12/21/2015	913	1	Acetate Sleeve	Soil	None													
Collected By: Derek Gill						Date: 12/21/15		Time:		Relinquished By: <i>[Signature]</i>						Date: 12/22/15		Time: 16:30		TAT	
Relinquished By:						Date:		Time:		Received For Laboratory: <i>Janet Chin</i>						Date: 12/23/15		Time: 10:00		Normal X	
Received By:						Date:		Time:		Condition of Sample:										Rush	

White - Report, **Yellow** - Laboratory, **Pink** - Client



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Environmental Testing Services

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Page 14 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED												CHAIN OF CUSTODY					
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive													
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																	
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																	
Special Instruction:				Project ID: 01203535.32																					
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																	
ITEM	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks				
	Lab ID	Sample ID	Date	Time	#	Type																			
		8093-3	12/21/2015	759	1	Acetate Sleeve			Soil	None															
	46 341387	8094-0.5	12/21/2015	806	1	Acetate Sleeve			Soil	None		X	X												
		8094-1.5	12/21/2015	807	1	Acetate Sleeve			Soil	None				X											
		8094-3	12/21/2015	808	1	Acetate Sleeve			Soil	None				X											
	47 341388	8095-0.5	12/21/2015	813	1	Acetate Sleeve			Soil	None		X	X												
		8095-1.5	12/21/2015	814	1	Acetate Sleeve			Soil	None				X											
		8095-3	12/21/2015	815	1	Acetate Sleeve			Soil	None				X											
	48 341389	8096-0.5	12/21/2015	825	1	Acetate Sleeve			Soil	None		X	X												
	8096-1.5	12/21/2015	826	1	Acetate Sleeve	Soil	None				X														
	8096-3	12/21/2015	827	1	Acetate Sleeve	Soil	None				X														
Collected By: Derek Gill				Date 12/21/15 Time				Relinquished By: <i>Derek Gill</i>				Date 12/22/15 Time 16:30				TAT									
Relinquished By:				Date Time				Received For Laboratory				Date Time				Normal X									
Received By:				Date Time				Condition of Sample:								Rush									

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Page 15 of 16

COC#

GLOBAL ID _____ E REPORT: PDF ☒ EDF ☒ EDD ☒

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED													
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive									
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --													
Telephone: 858-571-5500				San Diego, CA 92154				Address: --													
Special Instruction:				Project ID: 01203535.32																	
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32													
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks
	Lab ID	Sample ID	Date	Time	#	Type															
	49	341390	B097-0.5	12/21/2015	1210	1	Acetate Sleeve	Soil	None			X	X								
			B097-1.5	12/21/2015	1211	1	Acetate Sleeve	Soil	None					X							
			B097-3	12/21/2015	1212	1	Acetate Sleeve	Soil	None					X							
	50	341391	B098-0.5	12/21/2015	1110	1	Acetate Sleeve	Soil	None			X	X								
			B098-1.5	12/21/2015	1111	1	Acetate Sleeve	Soil	None					X							
			B098-3	12/21/2015	1112	1	Acetate Sleeve	Soil	None					X							
	51	341392	B099-0.5	12/21/2015	843	1	Acetate Sleeve	Soil	None			X	X								
			B099-1.5	12/21/2015	844	1	Acetate Sleeve	Soil	None					X							
		B099-3	12/21/2015	845	1	Acetate Sleeve	Soil	None					X								
52	341393	B100-0.5	12/21/2015	833	1	Acetate Sleeve	Soil	None			X	X									
Collected By: Derek Gill				Date 12/21/15 Time				Relinquished By: <i>[Signature]</i>				Date 12/22/15 Time 16:30				TAT					
Relinquished By:				Date Time				Received For Laboratory				Date Time				Normal X					
Received By:				Date Time				Condition of Sample:								Rush					

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Environmental Testing Services

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Page 16 of 16

COC# GLOBAL ID _____ E REPORT: PDF ☒ EDF ☐ EDD ☒

ASL JOB# 66576

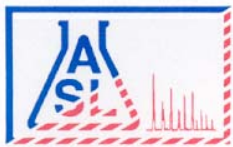
Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED											
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --															
Telephone: 858-571-5500			San Diego, CA 92154			Address: --															
Special Instruction:			Project ID: 01203535.32																		
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32															
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation												
	Lab ID	Sample ID	Date	Time	#	Type															
		B100-1.5	12/21/2015	834	1	Acetate Sleeve	Soil	None													
		B100-3	12/21/2015	835	1	Acetate Sleeve	Soil	None													
Collected By: Derek Gill						Date 12/21/15		Time		Relinquished By: <i>Derek Gill</i>						Date 12/22/15		Time 16:30		TAT	
Relinquished By:						Date		Time		Received For Laboratory: <i>Jonet Chin</i>						Date 12/23/15		Time 10:00			Normal X
Received By:						Date		Time		Condition of Sample:								Rush			

White - Report, Yellow - Laboratory, Pink - Client

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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**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Gill Derek

Page: 2

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

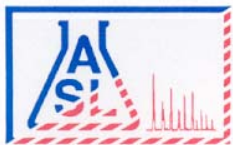
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-1

Our Lab I.D.		341803	341804	341808	341809	341812
Client Sample I.D.		B022-1.5	B026-1.5	B036-1.5	B037-1.5	B040-1.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	4.00	ND	ND	ND	4.30
4,4'-DDE (DDE)	4.00	58.8	35.8	49.2	81.7	72.0
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	ND	ND	ND	ND	ND
Toxaphene	170	176	ND	ND	688	173
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341803	341804	341808	341809	341812
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	88	97	83	86	95



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ANALYTICAL RESULTS

Page: **3**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

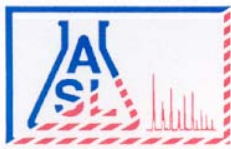
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	89	98	9.6	42-122	<30					
4,4'-DDT (DDT)	90	94	4.3	25-160	<30					
Dieldrin	84	102	19.4	36-146	<30					
Endrin	76	84	10.0	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	92	93	1.1	32-127	<30					
Heptachlor	86	84	2.4	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Gill Derek

Page: 4

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

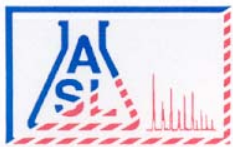
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-1

Our Lab I.D.		341813	341814	341815	341816	341819
Client Sample I.D.		B041-1.5	B042-1.5	B043-1.5	B056-1.5	B060-1.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	4.12	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	46.8	31.6	22.4	78.0	17.9
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	187	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341813	341814	341815	341816	341819
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	114	112	111	99	90



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ANALYTICAL RESULTS

Page: **5**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

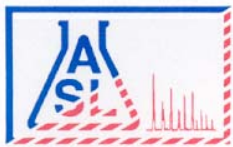
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	89	98	9.6	42-122	<30					
4,4'-DDT (DDT)	90	94	4.3	25-160	<30					
Dieldrin	84	102	19.4	36-146	<30					
Endrin	76	84	10.0	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	92	93	1.1	32-127	<30					
Heptachlor	86	84	2.4	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Gill Derek

Page: 6

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

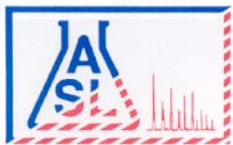
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-1

Our Lab I.D.		341821	341822			
Client Sample I.D.		B075-1.5	B076-1.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		01/11/2016	01/11/2016			
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016			
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	ND	ND			
4,4'-DDE (DDE)	4.00	35.2	22.1			
4,4'-DDT (DDT)	4.00	ND	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	ND	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.		341821	341822			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	83	83			



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ANALYTICAL RESULTS

Page: 7

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

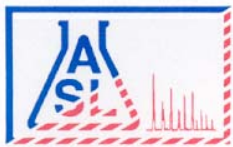
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	89	98	9.6	42-122	<30					
4,4'-DDT (DDT)	90	94	4.3	25-160	<30					
Dieldrin	84	102	19.4	36-146	<30					
Endrin	76	84	10.0	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	92	93	1.1	32-127	<30					
Heptachlor	86	84	2.4	34-111	<30					



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ANALYTICAL RESULTS

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Page: 8

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

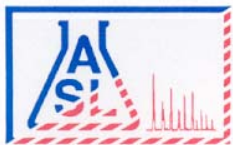
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-1A

Our Lab I.D.		341805	341811	341817	341818	
Client Sample I.D.		B028-1.5	B039-1.5	B057-1.5	B058-1.5	
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	
Date Prepared		01/11/2016	01/11/2016	01/11/2016	01/11/2016	
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016	01/11/2016	01/11/2016	
Matrix		Soil	Soil	Soil	Soil	
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Dilution Factor		1	1	1	1	
Analytes	PQL	Results	Results	Results	Results	
Aldrin	2.00	ND	ND	ND	ND	
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND	ND	
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND	ND	
Gamma-Chlordane	2.00	ND	ND	ND	ND	
alpha-Chlordane	2.00	ND	ND	ND	ND	
4,4'-DDD (DDD)	4.00	5.33	8.56	4.80	5.63	
4,4'-DDE (DDE)	20.0	164	136	157	177	
4,4'-DDT (DDT)	4.00	ND	12.9	ND	12.7	
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND	ND	
Dieldrin	4.00	ND	ND	ND	ND	
Endosulfan 1	2.00	ND	ND	ND	ND	
Endosulfan 11	4.00	ND	ND	ND	ND	
Endosulfan sulfate	4.00	ND	ND	ND	ND	
Endrin	4.00	ND	ND	ND	ND	
Endrin aldehyde	4.00	ND	ND	ND	ND	
Endrin ketone	4.00	ND	ND	ND	ND	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND	ND	
Heptachlor	2.00	ND	ND	ND	ND	
Heptachlor epoxide	2.00	ND	ND	ND	ND	
Methoxychlor	4.00	ND	ND	ND	ND	
Toxaphene	170	1330	273	241	301	
Chlordane, Total	170	ND	ND	ND	ND	

Our Lab I.D.		341805	341811	341817	341818	
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	104	101	103	85	



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ANALYTICAL RESULTS

Page: **9**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

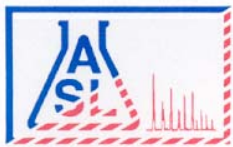
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	89	98	9.6	42-122	<30					
4,4'-DDT (DDT)	90	94	4.3	25-160	<30					
Dieldrin	84	102	19.4	36-146	<30					
Endrin	76	84	10.0	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	92	93	1.1	32-127	<30					
Heptachlor	86	84	2.4	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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Telephone: (858)571-5500

Attn: Gill Derek

Page: 10

Project ID: 01203535.32

Project Name: Sunroad Otoy Mesa

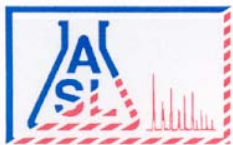
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-1B

Our Lab I.D.		341806	341807	341810		
Client Sample I.D.		B034-1.5	B035-1.5	B038-1.5		
Date Sampled		12/21/2015	12/21/2015	12/21/2015		
Date Prepared		01/11/2016	01/11/2016	01/11/2016		
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016	01/11/2016		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Aldrin	2.00	ND	ND	ND		
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND		
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND		
Gamma-Chlordane	2.00	ND	ND	ND		
alpha-Chlordane	2.00	ND	ND	ND		
4,4'-DDD (DDD)	4.00	20.3	17.4	10.1		
4,4'-DDE (DDE)	40.0	250	181	232		
4,4'-DDT (DDT)	4.00	10.5	ND	ND		
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND		
Dieldrin	4.00	ND	ND	ND		
Endosulfan 1	2.00	ND	ND	ND		
Endosulfan 11	4.00	ND	ND	ND		
Endosulfan sulfate	4.00	ND	ND	ND		
Endrin	4.00	ND	ND	ND		
Endrin aldehyde	4.00	ND	ND	ND		
Endrin ketone	4.00	ND	ND	ND		
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND		
Heptachlor	2.00	ND	ND	ND		
Heptachlor epoxide	2.00	ND	ND	ND		
Methoxychlor	4.00	ND	ND	ND		
Toxaphene	170	1860	1090	384		
Chlordane, Total	170	ND	ND	ND		

Our Lab I.D.		341806	341807	341810		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	109	95	101		



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ANALYTICAL RESULTS

Page: **11**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

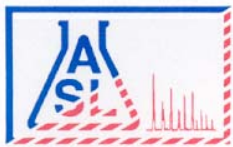
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-1B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	89	98	9.6	42-122	<30					
4,4'-DDT (DDT)	90	94	4.3	25-160	<30					
Dieldrin	84	102	19.4	36-146	<30					
Endrin	76	84	10.0	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	92	93	1.1	32-127	<30					
Heptachlor	86	84	2.4	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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Attn: Gill Derek

Page: **12**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

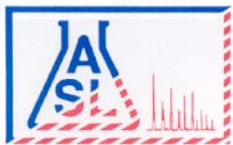
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-1C

Our Lab I.D.		341820				
Client Sample I.D.		B074-1.5				
Date Sampled		12/21/2015				
Date Prepared		01/11/2016				
Preparation Method						
Date Analyzed		01/11/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	70.1				
4,4'-DDE (DDE)	80.0	812				
4,4'-DDT (DDT)	4.00	67.6				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	1330				
Chlordane, Total	170	ND				

Our Lab I.D.		341820				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	104				



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ANALYTICAL RESULTS

Page: **13**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

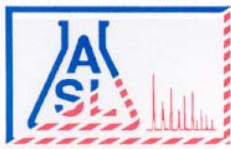
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-1C

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	89	98	9.6	42-122	<30					
4,4'-DDT (DDT)	90	94	4.3	25-160	<30					
Dieldrin	84	102	19.4	36-146	<30					
Endrin	76	84	10.0	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	92	93	1.1	32-127	<30					
Heptachlor	86	84	2.4	34-111	<30					



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Page: 14

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

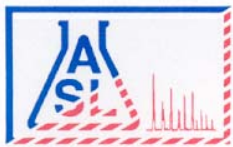
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-2

Our Lab I.D.		341823	341824	341825	341826	341828
Client Sample I.D.		B078-1.5	B079-1.5	B081-1.5	B082-1.5	B084-1.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	18.7	16.1	23.0	30.5	32.7
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341823	341824	341825	341826	341828
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	108	108	88	106	95



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ANALYTICAL RESULTS

Page: **15**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

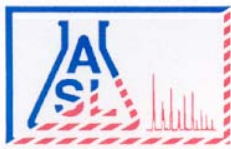
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	73	77	5.3	42-122	<30					
4,4'-DDT (DDT)	93	95	2.1	25-160	<30					
Dieldrin	85	86	1.2	36-146	<30					
Endrin	120	109	9.6	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	70	76	8.2	32-127	<30					
Heptachlor	70	80	13.3	34-111	<30					



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Page: 16

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

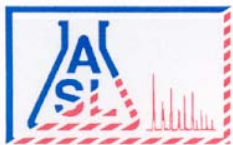
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-2

Our Lab I.D.		341829	341830	341833	341834	341835
Client Sample I.D.		B085-1.5	B086-1.5	B090-1.5	B092-1.5	B093-1.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	44.9	76.9	4.61	43.3	17.8
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341829	341830	341833	341834	341835
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	110	100	110	104	90



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: **17**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

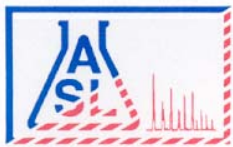
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	73	77	5.3	42-122	<30					
4,4'-DDT (DDT)	93	95	2.1	25-160	<30					
Dieldrin	85	86	1.2	36-146	<30					
Endrin	120	109	9.6	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	70	76	8.2	32-127	<30					
Heptachlor	70	80	13.3	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Gill Derek

Page: 18

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

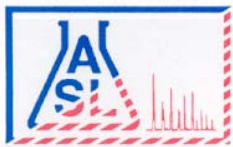
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-2

Our Lab I.D.		341836	341837	341838	341839	341840
Client Sample I.D.		B094-1.5	B095-1.5	B096-1.5	B098-1.5	B099-1.5
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016	01/11/2016	01/11/2016	01/11/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	58.2	22.7	14.6	34.2	36.1
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341836	341837	341838	341839	341840
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	108	98	87	101	102



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ANALYTICAL RESULTS

Page: **19**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

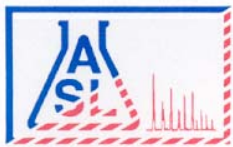
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	73	77	5.3	42-122	<30					
4,4'-DDT (DDT)	93	95	2.1	25-160	<30					
Dieldrin	85	86	1.2	36-146	<30					
Endrin	120	109	9.6	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	70	76	8.2	32-127	<30					
Heptachlor	70	80	13.3	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Gill Derek

Page: **20**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

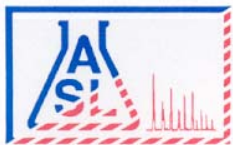
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-2

Our Lab I.D.		341841				
Client Sample I.D.		B100-1.5				
Date Sampled		12/21/2015				
Date Prepared		01/11/2016				
Preparation Method						
Date Analyzed		01/11/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	ND				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		341841				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	88				



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ANALYTICAL RESULTS

Page: **21**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

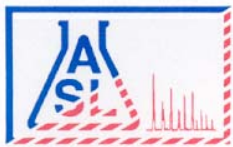
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	73	77	5.3	42-122	<30					
4,4'-DDT (DDT)	93	95	2.1	25-160	<30					
Dieldrin	85	86	1.2	36-146	<30					
Endrin	120	109	9.6	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	70	76	8.2	32-127	<30					
Heptachlor	70	80	13.3	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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San Diego, CA 92123-

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Gill Derek

Page: **22**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

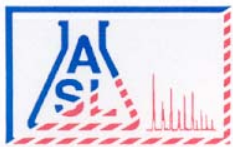
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-2A

Our Lab I.D.		341827	341831			
Client Sample I.D.		B083-1.5	B087-1.5			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		01/11/2016	01/11/2016			
Preparation Method						
Date Analyzed		01/11/2016	01/11/2016			
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)	2.00	10.2	4.31			
4,4'-DDE (DDE)	20.0	123	156			
4,4'-DDT (DDT)	4.00	ND	33.8			
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	ND	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	211	246			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		341827	341831			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	104	112			



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ANALYTICAL RESULTS

Page: **23**

Project ID: 01203535.32

Project Name: Sunroad Ota Mesa

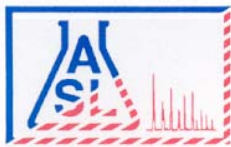
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-2A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	73	77	5.3	42-122	<30					
4,4'-DDT (DDT)	93	95	2.1	25-160	<30					
Dieldrin	85	86	1.2	36-146	<30					
Endrin	120	109	9.6	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	70	76	8.2	32-127	<30					
Heptachlor	70	80	13.3	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Gill Derek

Page: **24**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

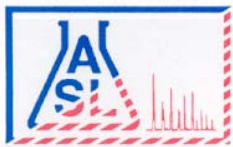
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011216-2B

Our Lab I.D.		341832				
Client Sample I.D.		B088-1.5				
Date Sampled		12/21/2015				
Date Prepared		01/11/2016				
Preparation Method						
Date Analyzed		01/11/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	12.8				
4,4'-DDE (DDE)	40.0	342				
4,4'-DDT (DDT)	4.00	43.6				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	537				
Chlordane, Total	170	ND				

Our Lab I.D.		341832				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	109				



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: **25**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

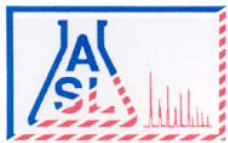
ASL Job Number	Submitted	Client
66729	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011216-2B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	73	77	5.3	42-122	<30					
4,4'-DDT (DDT)	93	95	2.1	25-160	<30					
Dieldrin	85	86	1.2	36-146	<30					
Endrin	120	109	9.6	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	70	76	8.2	32-127	<30					
Heptachlor	70	80	13.3	34-111	<30					



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Ordered By

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

Number of Pages 43

Date Received 01/15/2016

Date Reported 01/22/2016

Telephone (858) 571-5500
Attn Luke Montague

Job Number	Ordered	Client
66798	01/15/2016	SCS

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa
Site: 9300 Otay Mesa Road
San Diego, CA 92154

Enclosed are the results of analyses on 50 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



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Page 2 of 15

COC#

GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66798

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED														
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																		
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																		
Special Instruction:			Project ID: 01203535.32																					
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																		
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks		
	Lab ID	Sample ID	Date	Time	#	Type																		
		B003-3	1/14/2016	1533	1	Acetate Sleeve	Soil	None																
	341996	B004-0.5	1/14/2016	1541	1	Acetate Sleeve	Soil	None			X	X												
		B004-1.5	1/14/2016	1541	1	Acetate Sleeve	Soil	None					X											
		B004-3	1/14/2016	1541	1	Acetate Sleeve	Soil	None					X											
	341997	B005-0.5	1/14/2016	1526	1	Acetate Sleeve	Soil	None			X	X												
		B005-1.5	1/14/2016	1526	1	Acetate Sleeve	Soil	None					X											
		B005-3	1/14/2016	1526	1	Acetate Sleeve	Soil	None					X											
	341998	B006-0.5	1/14/2016	1519	1	Acetate Sleeve	Soil	None			X	X												
		B006-1.5	1/14/2016	1519	1	Acetate Sleeve	Soil	None					X											
		B006-3	1/14/2016	1519	1	Acetate Sleeve	Soil	None					X											
Collected By: Derek Gill						Date 1/14/16		Time		Relinquished By: <i>[Signature]</i>						Date 1/15/16		Time 1100		TAT				
Relinquished By:						Date		Time		Received For Laboratory: <i>[Signature]</i>						Date 1-15-16		Time 11:40		Normal X				
Received By:						Date		Time		Condition of Sample:										Rush				

CHAIN OF CUSTODY

White - Report, Yellow - Laboratory, Pink - Client



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Page 3 of 15

COC#

GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66798

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED																
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive																	
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																				
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																				
Special Instruction:			Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																				
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks				
	Lab ID	Sample ID	Date	Time	#	Type																				
9	341999	B007-0.5	1/14/2016	949	1	Acetate Sleeve	Soil	None																		
		B007-1.5	1/14/2016	949	1	Acetate Sleeve	Soil	None																		
		B007-3	1/14/2016	949	1	Acetate Sleeve	Soil	None																		
16	342000	B008-0.5	1/14/2016	959	1	Acetate Sleeve	Soil	None																		
		B008-1.5	1/14/2016	959	1	Acetate Sleeve	Soil	None																		
		B008-3	1/14/2016	959	1	Acetate Sleeve	Soil	None																		
17	342001	B009-0.5	1/14/2016	1128	1	Acetate Sleeve	Soil	None																		
		B009-1.5	1/14/2016	1128	1	Acetate Sleeve	Soil	None																		
		B009-3	1/14/2016	1128	1	Acetate Sleeve	Soil	None																		
12	342002	B010-0.5	1/14/2016	1109	1	Acetate Sleeve	Soil	None																		
Collected By: Derek Gill						Date 1/14/16		Time		Relinquished By:						Date 1/15/16		Time 1100		TAT						
Relinquished By:						Date		Time		Received For Laboratory:						Date 1-15-16		Time 11:20		Normal X						
Received By:						Date		Time		Condition of Sample:										Rush						

White - Report, Yellow - Laboratory, Pink - Client

CHAIN OF CUSTODY



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Page 5 of 15

COC# GLOBAL ID E REPORT: PDF X EDF EDD X ASL JOB# 66798

Company: SCS Engineers		Report To: Luke Montague		ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290		Project Name: Sunroad Otay Mesa		Address: --		8081A OCPs 6010B Arsenic Archive																	
San Diego, CA 92123		Site Address: 9300 Otay Mesa Road		Invoice To: --																			
Telephone: 858-571-5500		San Diego, CA 92154		Address: --																			
Special Instruction:		Project ID: 01203535.32																					
E-mail: lmontague@scsengineers.com dgill@scsengineers.com		Project Manager: Luke Montague		P.O.#: 01203535.32																			
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)																	
	Lab ID	Sample ID	Date	Time	#	Type	Matrix	Preservation	Remarks														
		B013-3	1/14/2016	1053	1	Acetate Sleeve	Soil	None															
	16 342006	B014-0.5	1/14/2016	1122	1	Acetate Sleeve	Soil	None			X	X											
		B014-1.5	1/14/2016	1122	1	Acetate Sleeve	Soil	None					X										
		B014-3	1/14/2016	1122	1	Acetate Sleeve	Soil	None					X										
	17 342007	B015-0.5	1/14/2016	1007	1	Acetate Sleeve	Soil	None			X	X											
		B015-1.5	1/14/2016	1007	1	Acetate Sleeve	Soil	None					X										
		B015-3	1/14/2016	1007	1	Acetate Sleeve	Soil	None					X										
	18 342008	B016-0.5	1/14/2016	1014	1	Acetate Sleeve	Soil	None			X	X											
		B016-1.5	1/14/2016	1014	1	Acetate Sleeve	Soil	None					X										
		B016-3	1/14/2016	1014	1	Acetate Sleeve	Soil	None					X										
	Collected By: Derek Gill				Date 1/14/16		Time		Relinquished By: <i>[Signature]</i>				Date 1/15/16		Time 1100		TAT						
	Relinquished By:				Date		Time		Received For Laboratory <i>[Signature]</i>				Date 1-15-16		Time 11:40		Normal X						
Received By:				Date		Time		Condition of Sample:				Rush											

White - Report, Yellow - Laboratory, Pink - Client



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Page 4 of 15

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66798

Company: SCS Engineers		Report To: Luke Montague		ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290		Project Name: Sunroad Otay Mesa		Address: --		8081A OCPs 6010B Arsenic Archive																	
San Diego, CA 92123		Site Address: 9300 Otay Mesa Road		Invoice To: --																			
Telephone: 858-571-5500		San Diego, CA 92154		Address: --																			
Special Instruction:		Project ID: 01203535.32		P.O.#: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com		Project Manager: Luke Montague																					
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)																	
	Lab ID	Sample ID	Date	Time	#	Type	Matrix	Preservation	Remarks														
		B010-1.5	1/14/2016	1109	1	Acetate Sleeve	Soil	None					X										
		B010-3	1/14/2016	1109	1	Acetate Sleeve	Soil	None					X										
	13 342003	B011-0.5	1/14/2016	1058	1	Acetate Sleeve	Soil	None			X	X											
		B011-1.5	1/14/2016	1058	1	Acetate Sleeve	Soil	None					X										
		B011-3	1/14/2016	1058	1	Acetate Sleeve	Soil	None			X	X											
	14 342004	B012-0.5	1/14/2016	1115	1	Acetate Sleeve	Soil	None					X										
		B012-1.5	1/14/2016	1115	1	Acetate Sleeve	Soil	None					X										
		B012-3	1/14/2016	1115	1	Acetate Sleeve	Soil	None			X	X											
	15 342005	B013-0.5	1/14/2016	1053	1	Acetate Sleeve	Soil	None					X										
		B013-1.5	1/14/2016	1053	1	Acetate Sleeve	Soil	None					X										
	Collected By: Derek Gill				Date 1/14/16		Time		Relinquished By: <i>[Signature]</i>				Date 1/15/16		Time 1100		TAT						
	Relinquished By:				Date		Time		Received For Laboratory <i>[Signature]</i>				Date 1-15-16		Time 11:40		Normal X						
Received By:				Date		Time		Condition of Sample:				Rush											

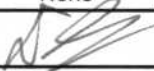
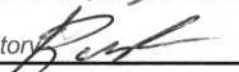
White - Report, Yellow - Laboratory, Pink - Client

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COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66798.

Company: SCS Engineers							Report To: Luke Montague				ANALYSIS REQUESTED															
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa			Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road			Invoice To: --																			
Telephone: 858-571-5500				San Diego, CA 92154			Address: --																			
Special Instruction:				Project ID: 01203535.32																						
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague			P.O.#: 01203535.32																			
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation											Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																				
19	342009	B017-0.5	1/14/2016	1023	1	Acetate Sleeve	Soil	None																		
		B017-1.5	1/14/2016	1023	1	Acetate Sleeve	Soil	None																		
		B017-3	1/14/2016	1023	1	Acetate Sleeve	Soil	None																		
20	342010	B018-0.5	1/14/2016	1047	1	Acetate Sleeve	Soil	None																		
		B018-1.5	1/14/2016	1047	1	Acetate Sleeve	Soil	None																		
		B018-3	1/14/2016	1047	1	Acetate Sleeve	Soil	None																		
21	342011	B019-0.5	1/14/2016	1030	1	Acetate Sleeve	Soil	None																		
		B019-1.5	1/14/2016	1030	1	Acetate Sleeve	Soil	None																		
		B019-3	1/14/2016	1030	1	Acetate Sleeve	Soil	None																		
22	342012	B030-0.5	1/14/2016	735	1	Acetate Sleeve	Soil	None																		

Collected By: Derek Gill			Date 1/14/16			Time			Relinquished By: 			Date 1/15/16			Time 1100			TAT		
Relinquished By:			Date			Time			Received For Laboratory: 			Date 1-15-16			Time 4:40			Normal X		
Received By:			Date			Time			Condition of Sample:									Rush		

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Page 8 of 15

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66798

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED															
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive													
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																	
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																	
Special Instruction:				Project ID: 01203535.32																					
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																	
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks			
	Lab ID	Sample ID	Date	Time	#	Type																			
		B033-3	1/14/2016	802	1	Acetate Sleeve	Soil	None																	
28	342016	B044-0.5	1/14/2016	810	1	Acetate Sleeve	Soil	None				X	X												
		B044-1.5	1/14/2016	810	1	Acetate Sleeve	Soil	None						X											
		B044-3	1/14/2016	810	1	Acetate Sleeve	Soil	None						X											
28	342017	B045-0.5	1/14/2016	817	1	Acetate Sleeve	Soil	None				X	X												
		B045-1.5	1/14/2016	817	1	Acetate Sleeve	Soil	None						X											
		B045-3	1/14/2016	817	1	Acetate Sleeve	Soil	None						X											
28	342018	B046-0.5	1/14/2016	839	1	Acetate Sleeve	Soil	None				X	X												
		B046-1.5	1/14/2016	839	1	Acetate Sleeve	Soil	None						X											
		B046-3	1/14/2016	839	1	Acetate Sleeve	Soil	None						X											
Collected By: Derek Gill						Date 1/14/16		Time		Relinquished By: <i>[Signature]</i>						Date 1/15/16		Time 1100		TAT					
Relinquished By:						Date		Time		Received For Laboratory: <i>[Signature]</i>						Date 1-15-16		Time 11:45		Normal X					
Received By:						Date		Time		Condition of Sample:										Rush					

CHAIN OF CUSTODY

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Page 9 of 15

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66798

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED													
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive											
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --															
Telephone: 858-571-5500				San Diego, CA 92154				Address: --															
Special Instruction:				Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32															
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks	
	Lab ID	Sample ID	Date	Time	#	Type																	
	342019	B047-0.5	1/14/2016	833	1	Acetate Sleeve	Soil	None															
		B047-1.5	1/14/2016	833	1	Acetate Sleeve	Soil	None															
		B047-3	1/14/2016	833	1	Acetate Sleeve	Soil	None															
	342020	B048-0.5	1/14/2016	825	1	Acetate Sleeve	Soil	None															
		B048-1.5	1/14/2016	825	1	Acetate Sleeve	Soil	None															
		B048-3	1/14/2016	825	1	Acetate Sleeve	Soil	None															
	342021	B049-0.5	1/14/2016	846	1	Acetate Sleeve	Soil	None															
		B049-1.5	1/14/2016	846	1	Acetate Sleeve	Soil	None															
		B049-3	1/14/2016	846	1	Acetate Sleeve	Soil	None															
	342022	B050-0.5	1/14/2016	859	1	Acetate Sleeve	Soil	None															
	Collected By: Derek Gill						Date 1/14/16		Time		Relinquished By: <i>[Signature]</i>						Date 1/15/16		Time 1100		TAT		
Relinquished By:						Date		Time		Received For Laboratory						Date		Time		Normal X			
Received By:						Date		Time		Condition of Sample:										Rush			

CHAIN OF CUSTODY

White - Report, Yellow - Laboratory, Pink - Client

ASL JOB# 66798.

Company: SCS Engineers							Report To: Luke Montague				ANALYSIS REQUESTED												
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa			Address: --				8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road			Invoice To: --																
Telephone: 858-571-5500				San Diego, CA 92154			Address: --																
Special Instruction:				Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague			P.O.#: 01203535.32																
I T E M	LAB USE		SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks
	Lab ID		Sample ID	Date	Time	#	Type																
			B050-1.5	1/14/2016	859	1	Acetate Sleeve	Soil	None														
			B050-3	1/14/2016	859	1	Acetate Sleeve	Soil	None														
	33	342023	B051-0.5	1/14/2016	907	1	Acetate Sleeve	Soil	None			X	X										
			B051-1.5	1/14/2016	907	1	Acetate Sleeve	Soil	None					X									
			B051-3	1/14/2016	907	1	Acetate Sleeve	Soil	None					X									
	34	342024	B052-0.5	1/14/2016	914	1	Acetate Sleeve	Soil	None			X	X										
			B052-1.5	1/14/2016	914	1	Acetate Sleeve	Soil	None					X									
			B052-3	1/14/2016	914	1	Acetate Sleeve	Soil	None					X									
35	342025	B053-0.5	1/14/2016	937	1	Acetate Sleeve	Soil	None			X	X											
		B053-1.5	1/14/2016	937	1	Acetate Sleeve	Soil	None					X										
Collected By: Derek Gill							Date 1/14/16		Time		Relinquished By: 							Date 1/15/16		Time 1100		TAT	
Relinquished By:							Date		Time		Received For Laboratory							Date		Time		Normal X	
Received By:							Date		Time		Condition of Sample:											Rush	

White - Report, **Yellow** - Laboratory, **Pink** - Client



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Page 13 of 15

COC# GLOBAL ID _____ E REPORT: PDF ☒ EDF ☐ EDD ☒

ASL JOB# 66798

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED											
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --															
Telephone: 858-571-5500			San Diego, CA 92154			Address: --															
Special Instruction:			Project ID: 01203535.32																		
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32															
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation												
	Lab ID	Sample ID	Date	Time	#	Type															
		B065-1.5	1/14/2016	1410	1.5	Acetate Sleeve	Soil	None													
		B065-3	1/14/2016	1410	3	Acetate Sleeve	Soil	None													
	43 342033	B066-0.5	1/14/2016	1422	0.5	Acetate Sleeve	Soil	None				X	X								
		B066-1.5	1/14/2016	1422	1.5	Acetate Sleeve	Soil	None					X								
		B066-3	1/14/2016	1422	3	Acetate Sleeve	Soil	None						X							
	44 342034	B067-0.5	1/14/2016	1429	0.5	Acetate Sleeve	Soil	None				X	X								
		B067-1.5	1/14/2016	1429	1.5	Acetate Sleeve	Soil	None						X							
		B067-3	1/14/2016	1429	3	Acetate Sleeve	Soil	None							X						
45 342035	B068-0.5	1/14/2016	1511	0.5	Acetate Sleeve	Soil	None				X	X									
	B068-1.5	1/14/2016	1511	1.5	Acetate Sleeve	Soil	None						X								
Collected By: Derek Gill						Date 1/14/16		Time		Relinquished By: <i>SK</i>						Date 1/15/16		Time 1100		TAT	
Relinquished By:						Date		Time		Received For Laboratory						Date		Time		Normal X	
Received By:						Date		Time		Condition of Sample:										Rush	

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White - Report, Yellow - Laboratory, Pink - Client

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COC# GLOBAL ID E REPORT: PDF X EDF EDDX

ASL JOB# 66798.

Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED																
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Otay Mesa			Address: --			8081A OCPs 6010B Arsenic Archive																	
San Diego, CA 92123			Site Address: 9300 Otay Mesa Road			Invoice To: --																				
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Special Instruction:			Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																				
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks				
	Lab ID	Sample ID	Date	Time	#	Type																				
			B068-3	1/14/2016	1511	1	Acetate Sleeve	Soil	None																	
	46 342036		B069-0.5	1/14/2016	1444	1	Acetate Sleeve	Soil	None				X	X												
			B069-1.5	1/14/2016	1444	1	Acetate Sleeve	Soil	None						X											
			B069-3	1/14/2016	1444	1	Acetate Sleeve	Soil	None						X											
	47 342037		B070-0.5	1/14/2016	1458	1	Acetate Sleeve	Soil	None				X	X												
			B070-1.5	1/14/2016	1458	1	Acetate Sleeve	Soil	None						X											
			B070-3	1/14/2016	1458	1	Acetate Sleeve	Soil	None						X											
	48 342038		B071-0.5	1/14/2016	1437	1	Acetate Sleeve	Soil	None				X	X												
			B071-1.5	1/14/2016	1437	1	Acetate Sleeve	Soil	None						X											
			B071-3	1/14/2016	1437	1	Acetate Sleeve	Soil	None						X											
Collected By: Derek Gill						Date 1/14/16		Time		Relinquished By: 						Date 1/15/16		Time 1100		TAT						
Relinquished By:						Date		Time		Received For Laboratory						Date		Time		Normal X						
Received By:						Date		Time		Condition of Sample:										Rush						

CHAIN OF CUSTODY

White - Report, **Yellow** - Laboratory, **Pink** - Client

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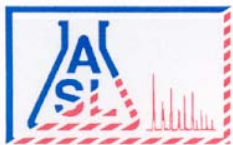
COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

ASL JOB# 66798.

Company: SCS Engineers							Report To: Luke Montague						ANALYSIS REQUESTED									
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa			Address: --				8081A OCPs 6010B Arsenic Archive											
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road			Invoice To: --															
Telephone: 858-571-5500				San Diego, CA 92154			Address: --															
Special Instruction:				Project ID: 01203535.32																		
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague			P.O.#: 01203535.32															
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation											Remarks		
	Lab ID	Sample ID	Date	Time	#	Type																
49	342039	B072-0.5	1/14/2016	1451	1	Acetate Sleeve	Soil	None			X	X										
		B072-1.5	1/14/2016	1451	1	Acetate Sleeve	Soil	None					X									
		B072-3	1/14/2016	1451	1	Acetate Sleeve	Soil	None					X									
50	342040	B073-0.5	1/14/2016	1504	1	Acetate Sleeve	Soil	None			X	X										
		B073-1.5	1/14/2016	1504	1	Acetate Sleeve	Soil	None					X									
		B073-3	1/14/2016	1504	1	Acetate Sleeve	Soil	None					X									
Collected By: Derek Gill Date 1/14/16 Time							Relinquished By:  Date 1/15/16 Time 1100										TAT					
Relinquished By: Date Time							Received For Laboratory Date Time										Normal X					
Received By: Date Time							Condition of Sample:										Rush					

CHAIN OF CUSTODY

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 2

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

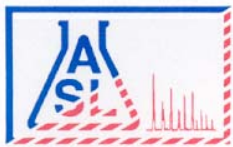
QC Batch No: 011816-1

Our Lab I.D.		341993	341994	341995	341996	341997
Client Sample I.D.		B001-0.5	B002-0.5	B003-0.5	B004-0.5	B005-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	4.20	4.69	3.68	3.98	4.40

QUALITY CONTROL REPORT

QC Batch No: 011816-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	94	105	11.3	80-120	<20					



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ANALYTICAL RESULTS

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

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Telephone: (858)571-5500

Attn: Luke Montague

Page: 3

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

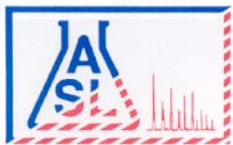
QC Batch No: 011816-1

Our Lab I.D.		341998	341999	342000	342001	342002
Client Sample I.D.		B006-0.5	B007-0.5	B008-0.5	B009-0.5	B010-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	4.87	6.52	5.53	4.94	5.82

QUALITY CONTROL REPORT

QC Batch No: 011816-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	94	105	11.3	80-120	<20					



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ANALYTICAL RESULTS

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Page: 4

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

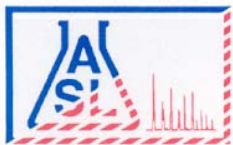
QC Batch No: 011816-1

Our Lab I.D.		342003	342004	342005		
Client Sample I.D.		B011-0.5	B012-0.5	B013-0.5		
Date Sampled		01/14/2016	01/14/2016	01/14/2016		
Date Prepared		01/18/2016	01/18/2016	01/18/2016		
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016		
Matrix		Soil	Soil	Soil		
Units		mg/Kg	mg/Kg	mg/Kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
ICP Metals						
Arsenic	0.250	3.47	3.88	3.16		

QUALITY CONTROL REPORT

QC Batch No: 011816-1

	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Analytes										
ICP Metals										
Arsenic	94	105	11.3	80-120	<20					



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Page: 5

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

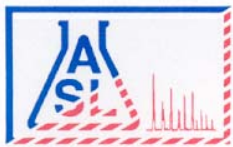
QC Batch No: 011816-2

Our Lab I.D.		342006	342007	342008	342009	342010
Client Sample I.D.		B014-0.5	B015-0.5	B016-0.5	B017-0.5	B018-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	4.86	4.39	2.77	2.98	3.56

QUALITY CONTROL REPORT

QC Batch No: 011816-2

	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Analytes										
ICP Metals										
Arsenic	90	103	13.1	80-120	<20					



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Page: 6

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

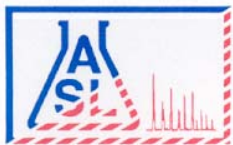
QC Batch No: 011816-2

Our Lab I.D.		342011	342012	342013	342014	342015
Client Sample I.D.		B019-0.5	B030-0.5	B031-0.5	B032-0.5	B033-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	2.46	5.03	5.75	4.40	3.51

QUALITY CONTROL REPORT

QC Batch No: 011816-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	90	103	13.1	80-120	<20					



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Page: 7

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

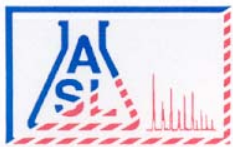
QC Batch No: 011816-2

Our Lab I.D.		342016	342017	342018	342019	342020
Client Sample I.D.		B044-0.5	B045-0.5	B046-0.5	B047-0.5	B048-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	2.82	3.27	3.89	3.28	3.54

QUALITY CONTROL REPORT

QC Batch No: 011816-2

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	90	103	13.1	80-120	<20					



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Page: 8

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

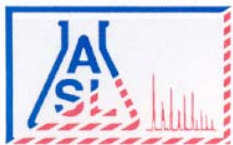
QC Batch No: 011816-3

Our Lab I.D.		342021	342022	342023	342024	342025
Client Sample I.D.		B049-0.5	B050-0.5	B051-0.5	B052-0.5	B053-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	3.39	2.91	3.06	3.12	3.00

QUALITY CONTROL REPORT

QC Batch No: 011816-3

	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Analytes										
ICP Metals										
Arsenic	102	90	12.2	80-120	<20					



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Page: 9

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

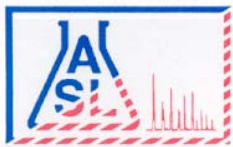
QC Batch No: 011816-3

Our Lab I.D.		342026	342027	342028	342029	342030
Client Sample I.D.		B054-0.5	B055-0.5	B061-0.5	B062-0.5	B063-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	8.92	3.26	3.95	5.99	6.34

QUALITY CONTROL REPORT

QC Batch No: 011816-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	102	90	12.2	80-120	<20					



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Page: 10

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

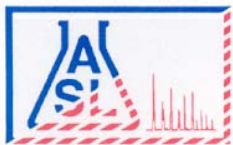
QC Batch No: 011816-3

Our Lab I.D.		342031	342032	342033	342034	342035
Client Sample I.D.		B064-0.5	B065-0.5	B066-0.5	B067-0.5	B068-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	3.83	3.82	5.06	6.51	7.60

QUALITY CONTROL REPORT

QC Batch No: 011816-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	102	90	12.2	80-120	<20					



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Page: **11**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B, Arsenic (ICP)

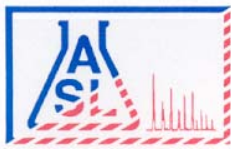
QC Batch No: 011816-4

Our Lab I.D.		342036	342037	342038	342039	342040
Client Sample I.D.		B069-0.5	B070-0.5	B071-0.5	B072-0.5	B073-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	4.15	6.34	5.44	4.60	7.53

QUALITY CONTROL REPORT

QC Batch No: 011816-4

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	89	102	13.4	80-120	<20					



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Page: **12**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

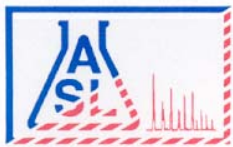
QC Batch No: 011816-1

Our Lab I.D.		341991	341992			
Client Sample I.D.		SP1	SP2			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		01/18/2016	01/18/2016			
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
AA Metals						
Mercury	0.0500	0.119	ND			
ICP Metals						
Antimony	0.500	ND	ND			
Arsenic	0.250	8.55	4.72			
Barium	0.500	94.5	116			
Beryllium	0.500	ND	ND			
Cadmium	0.500	0.954	ND			
Chromium	0.500	15.3	8.70			
Cobalt	0.500	2.58	4.58			
Copper	0.500	26.8	12.3			
Lead	0.250	28.2	8.76			
Molybdenum	0.500	0.601	ND			
Nickel	0.500	5.72	6.95			
Selenium	0.500	ND	ND			
Silver	0.500	ND	ND			
Thallium	0.500	ND	ND			
Vanadium	0.500	11.7	22.1			
Zinc	0.500	115	37.2			

QUALITY CONTROL REPORT

QC Batch No: 011816-1

Analytes	LCS % REC	LCS/LCSD % Limit							
AA Metals									
Mercury	106	80-120							
ICP Metals									
Antimony	95	80-120							
Arsenic	94	80-120							



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ANALYTICAL RESULTS

Page: **13**

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa

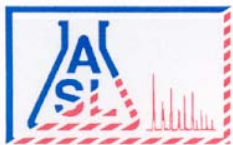
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 6010B/7471A, CCR Title 22 Metals (TTLC)

QUALITY CONTROL REPORT

QC Batch No: 011816-1

Analytes	LCS % REC	LCS/LCSD % Limit								
ICP Metals										
Barium	95	80-120								
Beryllium	104	80-120								
Cadmium	95	80-120								
Chromium	96	80-120								
Cobalt	95	80-120								
Copper	97	80-120								
Lead	97	80-120								
Molybdenum	92	80-120								
Nickel	96	80-120								
Selenium	95	80-120								
Silver	97	80-120								
Thallium	97	80-120								
Vanadium	93	80-120								
Zinc	98	80-120								



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Page: **14**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: S1P-011516

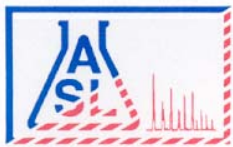
Our Lab I.D.		341991	341992			
Client Sample I.D.		SP1	SP2			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		01/15/2016	01/15/2016			
Preparation Method						
Date Analyzed		01/15/2016	01/15/2016			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
TPH DROs (C10 to C28)	10.0	ND	ND			
TPH OROs (C28+)	50.0	164	ND			

Our Lab I.D.		341991	341992			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Chlorobenzene	70-120	102	100			

QUALITY CONTROL REPORT

QC Batch No: S1P-011516

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	95	100	5.1	75-120	<20					



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Page: 15

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8015B, TPH GROs (Gasoline Range Organics)

QC Batch No: S1G-011516

Our Lab I.D.		341991	341992			
Client Sample I.D.		SP1	SP2			
Date Sampled		12/21/2015	12/21/2015			
Date Prepared		01/15/2016	01/15/2016			
Preparation Method						
Date Analyzed		01/15/2016	01/15/2016			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
TPH GROs (C6 to C10)	500	ND	ND			

Comment(s):

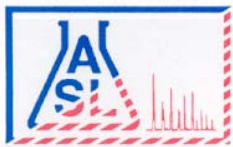
341991: Low surrogate recovery due to matrix.

Our Lab I.D.		341991	341992			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	43	79			

QUALITY CONTROL REPORT

QC Batch No: S1G-011516

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	103	101	2.0	75-120	<20					
Toluene	104	103	<1	75-120	<20					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

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9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 16

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

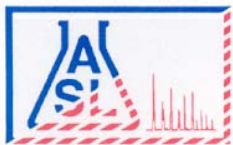
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011816-1

Our Lab I.D.		341991	342009			
Client Sample I.D.		SP1	B017-0.5			
Date Sampled		12/21/2015	01/14/2016			
Date Prepared		01/18/2016	01/18/2016			
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016			
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	ND	ND			
4,4'-DDE (DDE)	4.00	ND	38.1			
4,4'-DDT (DDT)	4.00	ND	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	ND	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	332	ND			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		341991	342009			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	85	96			



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ANALYTICAL RESULTS

Page: **17**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

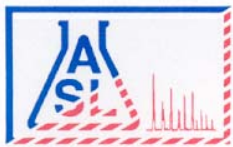
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011816-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	97	101	4.0	42-122	<30					
4,4'-DDT (DDT)	103	111	7.5	25-160	<30					
Dieldrin	108	113	4.5	36-146	<30					
Endrin	106	113	6.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	111	113	1.8	32-127	<30					
Heptachlor	104	106	1.9	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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Attn: Luke Montague

Page: 18

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

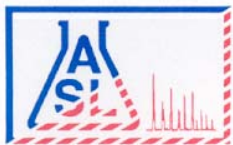
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011816-1A

Our Lab I.D.		341992	341993	341994	341995	341996
Client Sample I.D.		SP2	B001-0.5	B002-0.5	B003-0.5	B004-0.5
Date Sampled		12/21/2015	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	6.36	ND	ND	ND	ND
4,4'-DDE (DDE)	40.0	471	354	386	341	380
4,4'-DDT (DDT)	4.00	49.6	17.7	18.6	19.0	28.2
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	ND	ND	ND	ND	ND
Toxaphene	170	409	192	203	186	224
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341992	341993	341994	341995	341996
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	92	91	101	87	108



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ANALYTICAL RESULTS

Page: **19**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

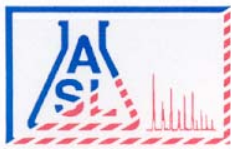
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011816-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	97	101	4.0	42-122	<30					
4,4'-DDT (DDT)	103	111	7.5	25-160	<30					
Dieldrin	108	113	4.5	36-146	<30					
Endrin	106	113	6.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	111	113	1.8	32-127	<30					
Heptachlor	104	106	1.9	34-111	<30					



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ANALYTICAL RESULTS

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Page: **20**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

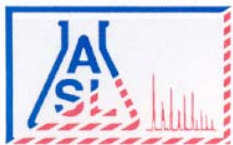
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011816-1A

Our Lab I.D.		341997	341999	342004	342005	342010
Client Sample I.D.		B005-0.5	B007-0.5	B012-0.5	B013-0.5	B018-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	9.04	12.4	13.4	17.8	11.2
4,4'-DDE (DDE)	40.0	366	420	534	321	361
4,4'-DDT (DDT)	4.00	26.6	31.4	35.8	34.0	22.5
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	ND	ND	ND	ND	ND
Toxaphene	170	226	269	224	304	233
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341997	341999	342004	342005	342010
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	81	105	112	91	115



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ANALYTICAL RESULTS

Page: **21**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

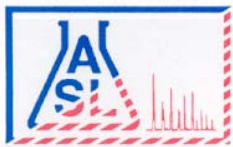
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011816-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	97	101	4.0	42-122	<30					
4,4'-DDT (DDT)	103	111	7.5	25-160	<30					
Dieldrin	108	113	4.5	36-146	<30					
Endrin	106	113	6.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	111	113	1.8	32-127	<30					
Heptachlor	104	106	1.9	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

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Attn: Luke Montague

Page: **22**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

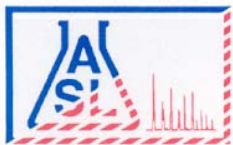
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011816-1B

Our Lab I.D.		341998	342002	342003	342006	342007
Client Sample I.D.		B006-0.5	B010-0.5	B011-0.5	B014-0.5	B015-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016	01/18/2016	01/18/2016	01/18/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	17.3	14.8	20.5	18.1	14.3
4,4'-DDE (DDE)	80.0	704	791	693	721	685
4,4'-DDT (DDT)	4.00	54.4	43.2	20.7	33.4	19.6
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	ND	ND	ND	ND	ND
Toxaphene	170	371	307	374	220	171
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		341998	342002	342003	342006	342007
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	84	84	120	94	92



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ANALYTICAL RESULTS

Page: **23**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

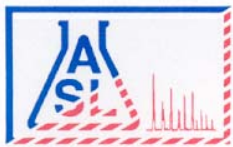
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011816-1B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	97	101	4.0	42-122	<30					
4,4'-DDT (DDT)	103	111	7.5	25-160	<30					
Dieldrin	108	113	4.5	36-146	<30					
Endrin	106	113	6.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	111	113	1.8	32-127	<30					
Heptachlor	104	106	1.9	34-111	<30					



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ANALYTICAL RESULTS

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Attn: Luke Montague

Page: 24

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

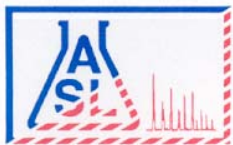
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011816-1B

Our Lab I.D.		342008				
Client Sample I.D.		B016-0.5				
Date Sampled		01/14/2016				
Date Prepared		01/18/2016				
Preparation Method						
Date Analyzed		01/18/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	19.8				
4,4'-DDE (DDE)	20.0	283				
4,4'-DDT (DDT)	4.00	24.4				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	204				
Chlordane, Total	170	ND				

Our Lab I.D.		342008				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	100				



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ANALYTICAL RESULTS

Page: **25**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

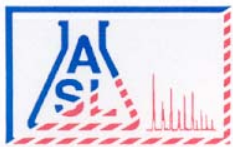
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011816-1B

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	97	101	4.0	42-122	<30					
4,4'-DDT (DDT)	103	111	7.5	25-160	<30					
Dieldrin	108	113	4.5	36-146	<30					
Endrin	106	113	6.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	111	113	1.8	32-127	<30					
Heptachlor	104	106	1.9	34-111	<30					



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ANALYTICAL RESULTS

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Page: 26

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

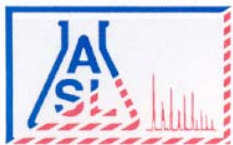
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011816-1C

Our Lab I.D.		342000	342001			
Client Sample I.D.		B008-0.5	B009-0.5			
Date Sampled		01/14/2016	01/14/2016			
Date Prepared		01/18/2016	01/18/2016			
Preparation Method						
Date Analyzed		01/18/2016	01/18/2016			
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	10.4	9.39			
4,4'-DDE (DDE)	20.0	313	327			
4,4'-DDT (DDT)	4.00	27.8	25.9			
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	ND	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	291	214			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		342000	342001			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	100	100			



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: **27**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

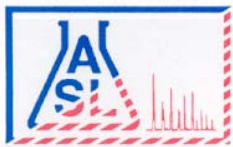
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011816-1C

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	97	101	4.0	42-122	<30					
4,4'-DDT (DDT)	103	111	7.5	25-160	<30					
Dieldrin	108	113	4.5	36-146	<30					
Endrin	106	113	6.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	111	113	1.8	32-127	<30					
Heptachlor	104	106	1.9	34-111	<30					



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ANALYTICAL RESULTS

Ordered By

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San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 28

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

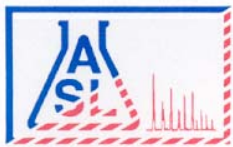
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011916-1

Our Lab I.D.		342011				
Client Sample I.D.		B019-0.5				
Date Sampled		01/14/2016				
Date Prepared		01/19/2016				
Preparation Method						
Date Analyzed		01/19/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	26.2				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		342011				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	70				



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ANALYTICAL RESULTS

Page: **29**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

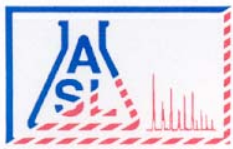
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011916-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	120	120	<1	42-122	<30					
4,4'-DDT (DDT)	125	123	1.6	25-160	<30					
Dieldrin	128	125	2.4	36-146	<30					
Endrin	116	120	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	117	123	5.0	32-127	<30					
Heptachlor	106	106	<1	34-111	<30					



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Telephone: (858)571-5500

Attn: Luke Montague

Page: **30**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

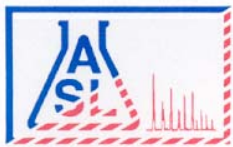
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011916-1A

Our Lab I.D.		342012	342013	342014	342015	342016
Client Sample I.D.		B030-0.5	B031-0.5	B032-0.5	B033-0.5	B044-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	38.9	43.0	47.1	31.8	69.6
4,4'-DDE (DDE)	80.0	786	839	889	803	1350
4,4'-DDT (DDT)	4.00	75.8	113	80.5	99.4	121
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	ND	ND	ND	ND	ND
Toxaphene	170	1060	1030	1190	520	1680
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342012	342013	342014	342015	342016
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	93	78	87	75	108



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ANALYTICAL RESULTS

Page: **31**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

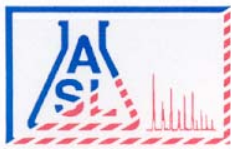
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011916-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	120	120	<1	42-122	<30					
4,4'-DDT (DDT)	125	123	1.6	25-160	<30					
Dieldrin	128	125	2.4	36-146	<30					
Endrin	116	120	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	117	123	5.0	32-127	<30					
Heptachlor	106	106	<1	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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Attn: Luke Montague

Page: **32**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

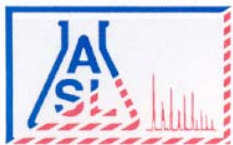
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011916-1A

Our Lab I.D.		342017	342018	342019	342020	342021
Client Sample I.D.		B045-0.5	B046-0.5	B047-0.5	B048-0.5	B049-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	52.5	26.6	18.4	17.7	20.0
4,4'-DDE (DDE)	80.0	927	671	949	827	887
4,4'-DDT (DDT)	4.00	84.8	47.6	80.8	73.6	78.7
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	ND	ND	ND	ND	ND
Toxaphene	170	1170	687	1190	957	1060
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342017	342018	342019	342020	342021
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	84	82	77	90	93



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ANALYTICAL RESULTS

Page: **33**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

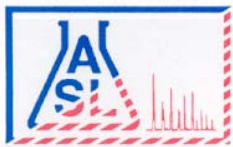
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011916-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	120	120	<1	42-122	<30					
4,4'-DDT (DDT)	125	123	1.6	25-160	<30					
Dieldrin	128	125	2.4	36-146	<30					
Endrin	116	120	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	117	123	5.0	32-127	<30					
Heptachlor	106	106	<1	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

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San Diego, CA 92154

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Attn: Luke Montague

Page: **34**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

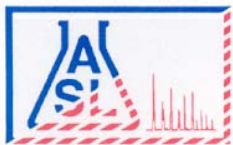
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011916-1A

Our Lab I.D.		342022	342023	342024	342025	342026
Client Sample I.D.		B050-0.5	B051-0.5	B052-0.5	B053-0.5	B054-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016	01/19/2016	01/19/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	11.3	16.9	19.0	20.4	16.7
4,4'-DDE (DDE)	80.0	793	742	825	845	769
4,4'-DDT (DDT)	4.00	77.2	75.1	78.8	77.4	72.0
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	ND	ND	ND	ND	ND
Toxaphene	170	991	746	1060	1030	830
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342022	342023	342024	342025	342026
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	90	101	85	80	86



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ANALYTICAL RESULTS

Page: **35**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

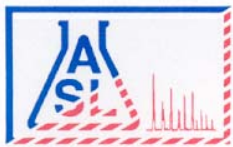
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011916-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	120	120	<1	42-122	<30					
4,4'-DDT (DDT)	125	123	1.6	25-160	<30					
Dieldrin	128	125	2.4	36-146	<30					
Endrin	116	120	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	117	123	5.0	32-127	<30					
Heptachlor	106	106	<1	34-111	<30					



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ANALYTICAL RESULTS

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Attn: Luke Montague

Page: **36**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

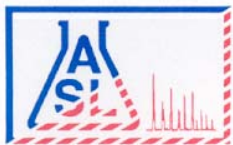
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011916-1A

Our Lab I.D.		342027	342029	342030		
Client Sample I.D.		B055-0.5	B062-0.5	B063-0.5		
Date Sampled		01/14/2016	01/14/2016	01/14/2016		
Date Prepared		01/19/2016	01/19/2016	01/19/2016		
Preparation Method						
Date Analyzed		01/19/2016	01/19/2016	01/19/2016		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Aldrin	2.00	ND	ND	ND		
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND		
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND		
Gamma-Chlordane	2.00	ND	ND	ND		
alpha-Chlordane	2.00	ND	ND	ND		
4,4'-DDD (DDD)	4.00	18.0	9.58	4.86		
4,4'-DDE (DDE)	80.0	796	782	543		
4,4'-DDT (DDT)	4.00	77.4	52.7	29.4		
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND		
Dieldrin	4.00	ND	ND	ND		
Endosulfan 1	2.00	ND	ND	ND		
Endosulfan 11	4.00	ND	ND	ND		
Endosulfan sulfate	4.00	ND	ND	ND		
Endrin	4.00	ND	ND	ND		
Endrin aldehyde	4.00	ND	ND	ND		
Endrin ketone	4.00	ND	ND	ND		
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND		
Heptachlor	2.00	ND	ND	ND		
Heptachlor epoxide	2.00	ND	ND	ND		
Methoxychlor	4.00	ND	ND	ND		
Toxaphene	170	876	400	284		
Chlordane, Total	170	ND	ND	ND		

Our Lab I.D.		342027	342029	342030		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	88	89	89		



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ANALYTICAL RESULTS

Page: **37**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

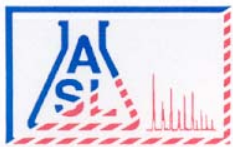
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011916-1A

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	120	120	<1	42-122	<30					
4,4'-DDT (DDT)	125	123	1.6	25-160	<30					
Dieldrin	128	125	2.4	36-146	<30					
Endrin	116	120	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	117	123	5.0	32-127	<30					
Heptachlor	106	106	<1	34-111	<30					



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**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: **38**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

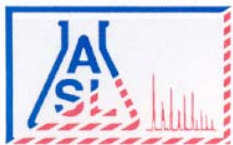
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 011916-1C

Our Lab I.D.		342028				
Client Sample I.D.		B061-0.5				
Date Sampled		01/14/2016				
Date Prepared		01/19/2016				
Preparation Method						
Date Analyzed		01/19/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	4.85				
4,4'-DDE (DDE)	40.0	261				
4,4'-DDT (DDT)	4.00	19.2				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	209				
Chlordane, Total	170	ND				

Our Lab I.D.		342028				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	82				



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ANALYTICAL RESULTS

Page: **39**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

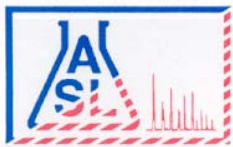
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 011916-1C

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	120	120	<1	42-122	<30					
4,4'-DDT (DDT)	125	123	1.6	25-160	<30					
Dieldrin	128	125	2.4	36-146	<30					
Endrin	116	120	3.4	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	117	123	5.0	32-127	<30					
Heptachlor	106	106	<1	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: **40**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

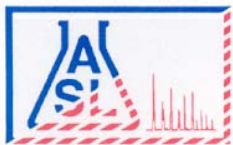
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012016-3

Our Lab I.D.		342031	342032	342033	342034	342035
Client Sample I.D.		B064-0.5	B065-0.5	B066-0.5	B067-0.5	B068-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
Preparation Method						
Date Analyzed		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	4.44	6.09	9.88	13.2	43.4
4,4'-DDE (DDE)	80.0	639	726	657	777	972
4,4'-DDT (DDT)	4.00	25.3	47.9	43.0	72.7	83.4
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	ND	ND	ND	ND	ND
Toxaphene	170	231	257	391	569	1280
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342031	342032	342033	342034	342035
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	73	90	84	103	108



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: **41**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

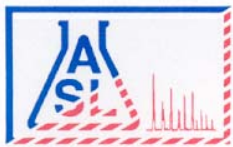
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012016-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	107	107	<1	42-122	<30					
4,4'-DDT (DDT)	112	112	<1	25-160	<30					
Dieldrin	117	117	<1	36-146	<30					
Endrin	118	120	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	118	119	<1	32-127	<30					
Heptachlor	105	106	<1	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: **42**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

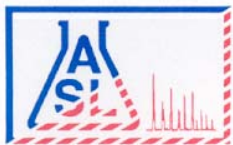
ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012016-3

Our Lab I.D.		342036	342037	342038	342039	342040
Client Sample I.D.		B069-0.5	B070-0.5	B071-0.5	B072-0.5	B073-0.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
Preparation Method						
Date Analyzed		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	12.9	18.0	14.1	14.2	15.5
4,4'-DDE (DDE)	80.0	811	940	853	952	672
4,4'-DDT (DDT)	4.00	76.3	75.0	89.1	70.1	68.3
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	ND	ND	ND	ND	ND
Toxaphene	170	743	1040	771	991	737
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342036	342037	342038	342039	342040
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	79	81	103	95	89



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: **43**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66798	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012016-3

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	107	107	<1	42-122	<30					
4,4'-DDT (DDT)	112	112	<1	25-160	<30					
Dieldrin	117	117	<1	36-146	<30					
Endrin	118	120	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	118	119	<1	32-127	<30					
Heptachlor	105	106	<1	34-111	<30					



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-

Number of Pages 5

Date Received 12/23/2015

Date Reported 01/25/2016

Telephone (858) 571-5500

Attn Luke Montague

Job Number	Ordered	Client
66807	01/18/2016	SCS

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa
Site: 9300 Otay Mesa Road
San Diego, CA 92154

Enclosed are the results of analyses on 6 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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Page 3 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED												
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Olay Mesa			Address: --				8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123			Site Address: 9300 Olay Mesa Road			Invoice To: --																
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																
Special Instruction:			Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks
	Lab ID	Sample ID	Date	Time	#	Type																
9	341350	8028-0.5	12/21/2015	1458	1	Acetate Sleeve	Soil	None			X	X										
		8028-1.5	12/21/2015	1459	1	Acetate Sleeve	Soil	None					X									
		8028-3	12/21/2015	1460	1	Acetate Sleeve	Soil	None					X									
10	341351	8029-0.5	12/21/2015	1508	1	Acetate Sleeve	Soil	None			X	X										
		8029-1.5	12/21/2015	1509	1	Acetate Sleeve	Soil	None					X									
		8029-3	12/21/2015	1510	1	Acetate Sleeve	Soil	None					X									
11	341352	8034-0.5	12/21/2015	1518	1	Acetate Sleeve	Soil	None			X	X										
		8034-1.5	12/21/2015	1519	1	Acetate Sleeve	Soil	None					X									
		8034-3	12/21/2015	1520	1	Acetate Sleeve	Soil	None					X									
12	341353	8035-0.5	12/21/2015	1528	1	Acetate Sleeve	Soil	None			X	X										
Collected By: Derek Gill						Date: 12/21/15		Time:		Relinquished By: <i>[Signature]</i>						Date: 12/22/15		Time: 16:30		TAT		
Relinquished By:						Date:		Time:		Received For Laboratory: Janet Chin						Date: 12/23/15		Time: 10:00		Normal X		
Received By:						Date:		Time:		Condition of Sample:										Rush		

White - Report, Yellow - Laboratory, Pink - Client

CHAIN OF CUSTODY



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Environmental Testing Services

2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Page 8 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Olay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123				Site Address: 9300 Olay Mesa Road				Invoice To: --																
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																
Special Instruction:				Project ID: 01203535.32																				
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks			
	Lab ID	Sample ID	Date	Time	#	Type																		
		8060-3	12/21/2015	1103	1	Acetate Sleeve	Soil	None																
	341367	8074-0.5	12/21/2015	1352	1	Acetate Sleeve	Soil	None																
		8074-1.5	12/21/2015	1353	1	Acetate Sleeve	Soil	None																
		8074-3 (5)	12/21/2015	1354	1	Acetate Sleeve	Soil	None																
	341368	8075-0.5	12/21/2015	1400	1	Acetate Sleeve	Soil	None																
		8075-1.5	12/21/2015	1401	1	Acetate Sleeve	Soil	None																
		8075-3	12/21/2015	1402	1	Acetate Sleeve	Soil	None																
	341369	8076-0.5	12/21/2015	1339	1	Acetate Sleeve	Soil	None																
	8076-1.5	12/21/2015	1340	1	Acetate Sleeve	Soil	None																	
	8076-3	12/21/2015	1341	1	Acetate Sleeve	Soil	None																	
Collected By: Derek Gill				Date: 12/21/15				Time:				Relinquished By: <i>[Signature]</i>				Date: 12/22/15				Time: 16:30				TAT
Relinquished By:				Date:				Time:				Received For Laboratory: Janet Chin				Date: 12/23/15				Time: 10:00				Normal X
Received By:				Date:				Time:				Condition of Sample:												Rush

White - Report, Yellow - Laboratory, Pink - Client

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Environmental Testing Services

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Page 12 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576

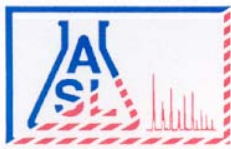
Company: SCS Engineers						Report To: Luke Montague				ANALYSIS REQUESTED															
Address: 8799 Balboa Ave Suite 290						Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive											
San Diego, CA 92123						Site Address: 9300 Otay Mesa Road				Invoice To: --															
Telephone: 858-571-5500						San Diego, CA 92154				Address: --															
Special Instruction:						Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com						Project Manager: Luke Montague				P.O # 01203535 32															
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks			
	Lab ID	Sample ID	Date	Time	#	Type																			
39	341380	8087-0.5	12/21/2015	730	1	Acetate Sleeve	Soil	None																	
		8087-1.5	12/21/2015	731	1	Acetate Sleeve	Soil	None																	
		8087-3	12/21/2015	732	1	Acetate Sleeve	Soil	None																	
40	341381	8088-0.5	12/21/2015	740	1	Acetate Sleeve	Soil	None																	
		8088-1.5	12/21/2015	741	1	Acetate Sleeve	Soil	None																	
		8088-3	12/21/2015	742	1	Acetate Sleeve	Soil	None																	
41	341382	8089-0.5	12/21/2015	922	1	Acetate Sleeve	Soil	None																	
		8089-1.5	12/21/2015	923	1	Acetate Sleeve	Soil	None																	
		8089-3	12/21/2015	924	1	Acetate Sleeve	Soil	None																	
42	341383	8090-0.5	12/21/2015	913	1	Acetate Sleeve	Soil	None																	
Collected By: Derek Gill						Date 12/21/15 Time				Relinquished By: <i>[Signature]</i> Date 12/22/15 Time 16:30						TAT									
Relinquished By:						Date Time				Received For Laboratory <i>Janet Chin</i> Date 12/23/15 Time 10:00						Normal X									
Received By:						Date Time				Condition of Sample:						Rush									

White - Report, Yellow - Laboratory, Pink - Client

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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 2

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

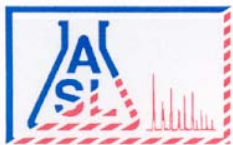
ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012016-1

Our Lab I.D.		342058	342059	342060	342061	342062
Client Sample I.D.		B28-3	B34-3	B35-3	B37-3	B74-3
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
Preparation Method						
Date Analyzed		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	5.48	ND	18.0	15.8	19.6
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342058	342059	342060	342061	342062
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	99	114	78	71	84



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

Page: **3**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

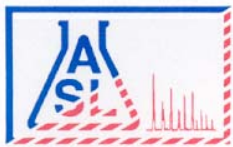
ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012016-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	107	107	<1	42-122	<30					
4,4'-DDT (DDT)	112	112	<1	25-160	<30					
Dieldrin	117	117	<1	36-146	<30					
Endrin	118	120	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	118	119	<1	32-127	<30					
Heptachlor	105	106	<1	34-111	<30					



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ANALYTICAL RESULTS

Ordered By

Site

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 4

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

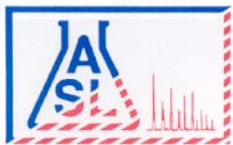
ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012016-1

Our Lab I.D.		342063				
Client Sample I.D.		B88-3				
Date Sampled		12/21/2015				
Date Prepared		01/20/2016				
Preparation Method						
Date Analyzed		01/20/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	6.20				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		342063				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	86				



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ANALYTICAL RESULTS

Page: **5**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012016-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	107	107	<1	42-122	<30					
4,4'-DDT (DDT)	112	112	<1	25-160	<30					
Dieldrin	117	117	<1	36-146	<30					
Endrin	118	120	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	118	119	<1	32-127	<30					
Heptachlor	105	106	<1	34-111	<30					



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Ordered By

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

Number of Pages 5

Date Received 12/23/2015

Date Reported 01/25/2016

Telephone (858) 571-5500

Attn Luke Montague

Job Number	Ordered	Client
66807	01/18/2016	SCS

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa
Site: 9300 Otay Mesa Road
San Diego, CA 92154

Enclosed are the results of analyses on 6 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



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Page 3 of 16

COC#

GLOBAL ID

E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company SCS Engineers						Report To: Luke Montague		ANALYSIS REQUESTED														
Address: 8799 Balboa Ave Suite 290			Project Name: Sunroad Olay Mesa			Address: --		8081A OCPs 6010B Arsenic Archive														
San Diego, CA 92123			Site Address: 9300 Olay Mesa Road			Invoice To: --																
Telephone: 858-571-5500			San Diego, CA 92154			Address: --																
Special Instruction:			Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com			Project Manager: Luke Montague			P.O.#: 01203535.32																
I T E M	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks
	Lab ID	Sample ID	Date	Time	#	Type																
9	341350	8028-0.5	12/21/2015	1458	1	Acetate Sleeve	Soil	None		X	X											
		8028-1.5	12/21/2015	1459	1	Acetate Sleeve	Soil	None				X										
		8028-3	12/21/2015	1460	1	Acetate Sleeve	Soil	None				X										
10	341351	8029-0.5	12/21/2015	1508	1	Acetate Sleeve	Soil	None		X	X											
		8029-1.5	12/21/2015	1509	1	Acetate Sleeve	Soil	None				X										
		8029-3	12/21/2015	1510	1	Acetate Sleeve	Soil	None				X										
11	341352	8034-0.5	12/21/2015	1518	1	Acetate Sleeve	Soil	None		X	X											
		8034-1.5	12/21/2015	1519	1	Acetate Sleeve	Soil	None				X										
		8034-3	12/21/2015	1520	1	Acetate Sleeve	Soil	None				X										
12	341353	8035-0.5	12/21/2015	1528	1	Acetate Sleeve	Soil	None		X	X											
Collected By: Derek Gill						Date: 12/21/15		Time:		Relinquished By: <i>[Signature]</i>						Date: 12/22/15		Time: 16:30		TAT		
Relinquished By:						Date:		Time:		Received For Laboratory: Janet Chin						Date: 12/23/15		Time: 10:00		Normal X		
Received By:						Date:		Time:		Condition of Sample:										Rush		

White - Report, Yellow - Laboratory, Pink - Client

CHAIN OF CUSTODY



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Page 4 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive												
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																
Special Instruction:				Project ID: 01203535.32																				
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																
LAB USE		SAMPLE DESCRIPTION			Container(s)		Matrix		Preservation														Remarks	
Lab ID		Sample ID	Date	Time	#	Type																		
		8035-1.5	12/21/2015	1529	1	Acetate Sleeve	Soil		None															
		8035-3	12/21/2015	1530	1	Acetate Sleeve	Soil		None															
13 341354		8036-0.5	12/21/2015	1306	1	Acetate Sleeve	Soil		None															
		8036-1.5	12/21/2015	1307	1	Acetate Sleeve	Soil		None															
		8036-3	12/21/2015	1308	1	Acetate Sleeve	Soil		None															
14 341355		8037-0.5	12/21/2015	1257	1	Acetate Sleeve	Soil		None															
		8037-1.5	12/21/2015	1258	1	Acetate Sleeve	Soil		None															
		8037-3	12/21/2015	1259	1	Acetate Sleeve	Soil		None															
15 341356		8038-0.5	12/21/2015	1249	1	Acetate Sleeve	Soil		None															
		8038-1.5	12/21/2015	1250	1	Acetate Sleeve	Soil		None															
Collected By: Derek Gill				Date: 12/21/15		Time:		Relinquished By: [Signature]				Date: 12/22/15				Time: 16:30				TAT				
Relinquished By:				Date:		Time:		Received For Laboratory: Janet Chin				Date: 12/23/15				Time: 10:00				Normal X				
Received By:				Date:		Time:		Condition of Sample:												Rush				

White - Report, Yellow - Laboratory, Pink - Client

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Environmental Testing Services

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Page 8 of 16

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

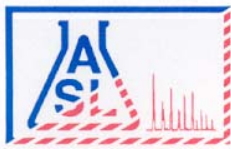
ASL JOB# 66576

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED																			
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Olay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive															
San Diego, CA 92123				Site Address: 9300 Olay Mesa Road				Invoice To: --																			
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																			
Special Instruction:				Project ID: 01203535.32																							
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O. #: 01203535.32																			
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks						
	Lab ID	Sample ID	Date	Time	#	Type																					
		8060-3	12/21/2015	1103	1	Acetate Sleeve	Soil	None																			
26	341367	8074-0.5	12/21/2015	1352	1	Acetate Sleeve	Soil	None			X	X															
		8074-1.5	12/21/2015	1353	1	Acetate Sleeve	Soil	None					X														
		8074-3	12/21/2015	1354	1	Acetate Sleeve	Soil	None					X														
2	341368	8075-0.5	12/21/2015	1400	1	Acetate Sleeve	Soil	None			X	X															
		8075-1.5	12/21/2015	1401	1	Acetate Sleeve	Soil	None					X														
		8075-3	12/21/2015	1402	1	Acetate Sleeve	Soil	None					X														
26	341369	8076-0.5	12/21/2015	1339	1	Acetate Sleeve	Soil	None			X	X															
		8076-1.5	12/21/2015	1340	1	Acetate Sleeve	Soil	None					X														
		8076-3	12/21/2015	1341	1	Acetate Sleeve	Soil	None					X														
Collected By: Derek Gill				Date 12/21/15				Time				Relinquished By: <i>Derek Gill</i>				Date 12/22/15				Time 16:30				TAT			
Relinquished By:				Date				Time				Received For Laboratory: <i>Janet Chin</i>				Date 12/23/15				Time 10:00				Normal X			
Received By:				Date				Time				Condition of Sample:												Rush			

White - Report, Yellow - Laboratory, Pink - Client

CHAIN OF CUSTODY

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services



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**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 2

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

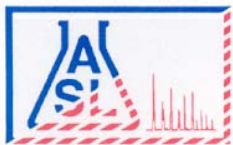
ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012016-1

Our Lab I.D.		342058	342059	342060	342061	342062
Client Sample I.D.		B28-3	B34-3	B35-3	B37-3	B74-3
Date Sampled		12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015
Date Prepared		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
Preparation Method						
Date Analyzed		01/20/2016	01/20/2016	01/20/2016	01/20/2016	01/20/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	5.48	ND	18.0	15.8	19.6
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342058	342059	342060	342061	342062
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	99	114	78	71	84



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ANALYTICAL RESULTS

Page: **3**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

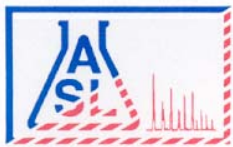
ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012016-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	107	107	<1	42-122	<30					
4,4'-DDT (DDT)	112	112	<1	25-160	<30					
Dieldrin	117	117	<1	36-146	<30					
Endrin	118	120	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	118	119	<1	32-127	<30					
Heptachlor	105	106	<1	34-111	<30					



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**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 4

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

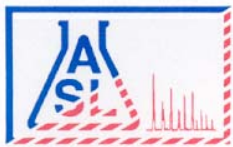
ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012016-1

Our Lab I.D.		342063				
Client Sample I.D.		B88-3				
Date Sampled		12/21/2015				
Date Prepared		01/20/2016				
Preparation Method						
Date Analyzed		01/20/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	6.20				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		342063				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	86				



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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

Page: **5**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

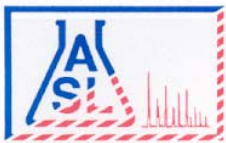
ASL Job Number	Submitted	Client
66807	12/23/2015	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012016-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	107	107	<1	42-122	<30					
4,4'-DDT (DDT)	112	112	<1	25-160	<30					
Dieldrin	117	117	<1	36-146	<30					
Endrin	118	120	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	118	119	<1	32-127	<30					
Heptachlor	105	106	<1	34-111	<30					



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-

Number of Pages 17

Date Received 01/15/2016

Date Reported 02/01/2016

Telephone (858) 571-5500

Attn Luke Montague

Job Number	Ordered	Client
66849	01/25/2016	SCS

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa
Site: 9300 Otay Mesa Road
San Diego, CA 92154

Enclosed are the results of analyses on 23 sample analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

White - Report, Yellow - Laboratory, Pink - Client



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Environmental Testing Services

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Page 8 of 15

page 2 of 9

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

NEW JOB# 66849
ASL JOB# 66798

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED												C H A I N O F C U S T O D Y					
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive				8081A (OCPs)									
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --																	
Telephone: 858-571-5500				San Diego, CA 92154				Address: --																	
Special Instruction:				Project ID: 01203535.32																					
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O.#: 01203535.32																	
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks New I.D.				
	Lab ID	Sample ID	Date	Time	#	Type																			
		B033-3	1/14/2016	802	1	Acetate Sleeve			Soil	None															
	342016	B044-0.5	1/14/2016	810	1	Acetate Sleeve			Soil	None		X	X												
		B044-1.5	1/14/2016	810	1	Acetate Sleeve			Soil	None				X											
		B044-3	1/14/2016	810	1	Acetate Sleeve			Soil	None				X											
	342017	B045-0.5	1/14/2016	817	1	Acetate Sleeve			Soil	None		X	X												
		B045-1.5	1/14/2016	817	1	Acetate Sleeve			Soil	None				X											
		B045-3	1/14/2016	817	1	Acetate Sleeve			Soil	None				X											
	342018	B046-0.5	1/14/2016	839	1	Acetate Sleeve			Soil	None		X	X												
	B046-1.5	1/14/2016	839	1	Acetate Sleeve	Soil	None				X														
	B046-3	1/14/2016	839	1	Acetate Sleeve	Soil	None				X														
Collected By: Derek Gill				Date 1/14/16 Time				Relinquished By: <i>[Signature]</i>				Date 1/15/16 Time 1100				TAT									
Relinquished By:				Date				Time				Received For Laboratory: <i>[Signature]</i>				Date 1-15-16 Time 11:46				Normal X					
Received By:				Date				Time				Condition of Sample:				Rush									

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page 5 of 9
Page 11 of 18

COC# GLOBAL ID _____ E REPORT: PDF X EDF EDD X

NEW JOB# 66849
ASL JOB# 66798

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED												CHAIN OF CUSTODY		
Address: 8799 Balboa Ave Suite 290		Project Name: Sunroad Otay Mesa		Address: --																		
San Diego, CA 92123		Site Address: 9300 Otay Mesa Road		Invoice To: --																		
Telephone: 858-571-5500		San Diego, CA 92154		Address: --																		
Special Instruction:		Project ID: 01203535.32																				
E-mail: lmontague@scsengineers.com dgill@scsengineers.com		Project Manager: Luke Montague		P.O #: 01203535.32																		
I T E M	LAB USE	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation													Remarks	
	Lab ID	Sample ID	Date	Time	#	Type																
		B053-3	1/14/2016	937	1	Acetate Sleeve	Soil	None														New ID
	36	342026	B054-0.5	1/14/2016	930	1	Acetate Sleeve	Soil	None				X	X								
		B054-1.5	1/14/2016	930	1	Acetate Sleeve	Soil	None					X									
		B054-3	1/14/2016	930	1	Acetate Sleeve	Soil	None					X									15(X) 342665
	37	342027	B055-0.5	1/14/2016	921	1	Acetate Sleeve	Soil	None				X	X								
		B055-1.5	1/14/2016	921	1	Acetate Sleeve	Soil	None					X									
		B055-3	1/14/2016	921	1	Acetate Sleeve	Soil	None					X									16(X) 342666
	38	342028	B061-0.5	1/14/2016	1358	1	Acetate Sleeve	Soil	None				X	X								
		B061-1.5	1/14/2016	1358	1	Acetate Sleeve	Soil	None					X									
		B061-3	1/14/2016	1358	1	Acetate Sleeve	Soil	None					X									
Collected By: Derek Gill				Date 1/14/16 Time				Relinquished By:				Date 1/15/16 Time 1100				TAT						
Relinquished By:				Date Time				Received For Laboratory				Date Time				Normal X						
Received By:				Date Time				Condition of Sample:								Rush						

White - Report, Yellow - Laboratory, Pink - Client



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page 8 of 9
Page 14 of 15

NEW JOB # 66849

ASL JOB# 66798

COC# GLOBAL ID E REPORT: PDF X EDF EDD X

Company: SCS Engineers				Report To: Luke Montague				ANALYSIS REQUESTED															
Address: 8799 Balboa Ave Suite 290				Project Name: Sunroad Otay Mesa				Address: --				8081A OCPs 6010B Arsenic Archive 8081A (OCPs)											
San Diego, CA 92123				Site Address: 9300 Otay Mesa Road				Invoice To: --															
Telephone: 858-571-5500				San Diego, CA 92154				Address: --															
Special Instruction:				Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com				Project Manager: Luke Montague				P.O #: 01203535.32															
I T E M	LAB USE		SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks New ID
	Lab ID	Sample ID	Date	Time	#	Type																	
		B068-3	1/14/2016	1511	1	Acetate Sleeve	Soil	None															
	46 342036	B069-0.5	1/14/2016	1444	1	Acetate Sleeve	Soil	None															
		B069-1.5	1/14/2016	1444	1	Acetate Sleeve	Soil	None															
		B069-3	1/14/2016	1444	1	Acetate Sleeve	Soil	None															
	47 342037	B070-0.5	1/14/2016	1458	1	Acetate Sleeve	Soil	None															
		B070-1.5	1/14/2016	1458	1	Acetate Sleeve	Soil	None															
		B070-3	1/14/2016	1458	1	Acetate Sleeve	Soil	None															
	48 342038	B071-0.5	1/14/2016	1437	1	Acetate Sleeve	Soil	None															
	B071-1.5	1/14/2016	1437	1	Acetate Sleeve	Soil	None																
	B071-3	1/14/2016	1437	1	Acetate Sleeve	Soil	None																
Collected By: Derek Gill				Date 1/14/16 Time				Relinquished By: [Signature]				Date 1/15/16 Time 1100				TAT							
Relinquished By:				Date Time				Received For Laboratory				Date Time				Normal X							
Received By:				Date Time				Condition of Sample:								Rush							

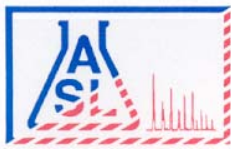
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White - Report, Yellow - Laboratory, Pink - Client

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 2

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

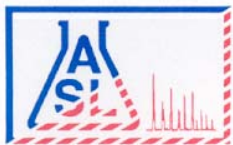
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012616-1

Our Lab I.D.		342655	342656	342660	342662	342665
Client Sample I.D.		B044-1.5	B045-1.5	B049-1.5	B051-1.5	B054-1.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/26/2016	01/26/2016	01/26/2016	01/26/2016	01/26/2016
Preparation Method						
Date Analyzed		01/26/2016	01/26/2016	01/26/2016	01/26/2016	01/26/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	42.6	13.1	31.3	18.5	63.0
4,4'-DDT (DDT)	4.00	ND	ND	ND	ND	8.68
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342655	342656	342660	342662	342665
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	94	80	82	92	88



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ANALYTICAL RESULTS

Page: **3**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

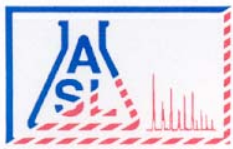
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012616-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	112	3.6	42-122	<30					
4,4'-DDT (DDT)	124	124	<1	25-160	<30					
Dieldrin	118	120	1.7	36-146	<30					
Endrin	117	119	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	116	118	1.7	32-127	<30					
Heptachlor	107	107	<1	34-111	<30					



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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 4

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

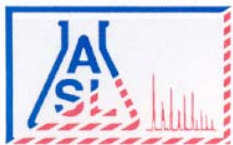
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012616-1

Our Lab I.D.		342666	342667	342668	342670	342671
Client Sample I.D.		B055-1.5	B067-1.5	B068-1.5	B070-1.5	B071-1.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/26/2016	01/26/2016	01/26/2016	01/26/2016	01/26/2016
Preparation Method						
Date Analyzed		01/26/2016	01/26/2016	01/26/2016	01/26/2016	01/26/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	33.8	43.5	21.5	25.9	35.1
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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342666	342667	342668	342670	342671
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	85	93	77	73	100



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ANALYTICAL RESULTS

Page: **5**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

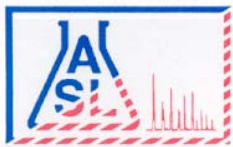
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012616-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	112	3.6	42-122	<30					
4,4'-DDT (DDT)	124	124	<1	25-160	<30					
Dieldrin	118	120	1.7	36-146	<30					
Endrin	117	119	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	116	118	1.7	32-127	<30					
Heptachlor	107	107	<1	34-111	<30					



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ANALYTICAL RESULTS

Ordered By

Site

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 6

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

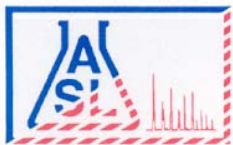
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012616-1

Our Lab I.D.		342673				
Client Sample I.D.		B073-1.5				
Date Sampled		01/14/2016				
Date Prepared		01/26/2016				
Preparation Method						
Date Analyzed		01/26/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	35.8				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		342673				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	93				



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ANALYTICAL RESULTS

Page: 7

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

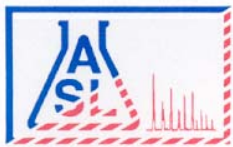
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012616-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	112	3.6	42-122	<30					
4,4'-DDT (DDT)	124	124	<1	25-160	<30					
Dieldrin	118	120	1.7	36-146	<30					
Endrin	117	119	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	116	118	1.7	32-127	<30					
Heptachlor	107	107	<1	34-111	<30					



AMERICAN SCIENTIFIC LABORATORIES, LLC

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 8

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

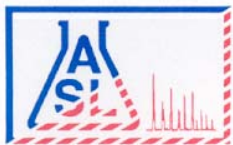
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012616-10

Our Lab I.D.		342658	342661	342672		
Client Sample I.D.		B047-1.5	B050-1.5	B072-1.5		
Date Sampled		01/14/2016	01/14/2016	01/14/2016		
Date Prepared		01/26/2016	01/26/2016	01/26/2016		
Preparation Method						
Date Analyzed		01/26/2016	01/26/2016	01/26/2016		
Matrix		Soil	Soil	Soil		
Units		ug/kg	ug/kg	ug/kg		
Dilution Factor		1	1	1		
Analytes	PQL	Results	Results	Results		
Aldrin	2.00	ND	ND	ND		
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND		
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND		
Gamma-Chlordane	2.00	ND	ND	ND		
alpha-Chlordane	2.00	ND	ND	ND		
4,4'-DDD (DDD)	4.00	12.4	4.77	4.45		
4,4'-DDE (DDE)	40.0	511	199	339		
4,4'-DDT (DDT)	4.00	26.9	28.5	18.1		
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND		
Dieldrin	4.00	ND	ND	ND		
Endosulfan 1	2.00	ND	ND	ND		
Endosulfan 11	4.00	ND	ND	ND		
Endosulfan sulfate	4.00	ND	ND	ND		
Endrin	4.00	ND	ND	ND		
Endrin aldehyde	4.00	ND	ND	ND		
Endrin ketone	4.00	ND	ND	ND		
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND		
Heptachlor	2.00	ND	ND	ND		
Heptachlor epoxide	2.00	ND	ND	ND		
Methoxychlor	4.00	ND	ND	ND		
Toxaphene	170	553	291	236		
Chlordane, Total	170	ND	ND	ND		

Our Lab I.D.		342658	342661	342672		
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	81	91	86		



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: 9

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

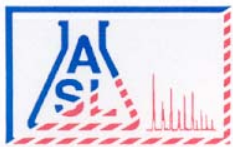
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012616-10

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	112	3.6	42-122	<30					
4,4'-DDT (DDT)	124	124	<1	25-160	<30					
Dieldrin	118	120	1.7	36-146	<30					
Endrin	117	119	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	116	118	1.7	32-127	<30					
Heptachlor	107	107	<1	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Site

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 10

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

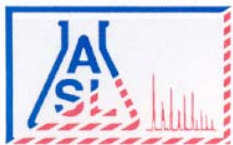
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012616-5

Our Lab I.D.		342657	342659			
Client Sample I.D.		B046-1.5	B048-1.5			
Date Sampled		01/14/2016	01/14/2016			
Date Prepared		01/26/2016	01/26/2016			
Preparation Method						
Date Analyzed		01/26/2016	01/26/2016			
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	ND	4.00			
4,4'-DDE (DDE)	20.0	125	117			
4,4'-DDT (DDT)	4.00	ND	23.0			
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	ND	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	200	170			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		342657	342659			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	89	87			



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ANALYTICAL RESULTS

Page: **11**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

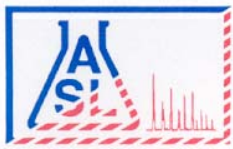
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012616-5

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	112	3.6	42-122	<30					
4,4'-DDT (DDT)	124	124	<1	25-160	<30					
Dieldrin	118	120	1.7	36-146	<30					
Endrin	117	119	1.7	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	116	118	1.7	32-127	<30					
Heptachlor	107	107	<1	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: **12**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

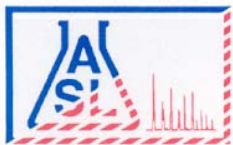
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012716-1

Our Lab I.D.		342652	342653	342654	342663	342664
Client Sample I.D.		B031-1.5	B032-1.5	B033-1.5	B052-1.5	B053-1.5
Date Sampled		01/14/2016	01/14/2016	01/14/2016	01/14/2016	01/14/2016
Date Prepared		01/27/2016	01/27/2016	01/27/2016	01/27/2016	01/27/2016
Preparation Method						
Date Analyzed		01/27/2016	01/27/2016	01/27/2016	01/27/2016	01/27/2016
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	ND	ND	ND	ND
alpha-Chlordane	2.00	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	48.3	7.61	18.4	17.6	19.6
4,4'-DDT (DDT)	4.00	4.83	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	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		342652	342653	342654	342663	342664
Surrogates	% Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	89	114	77	105	100



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: **13**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

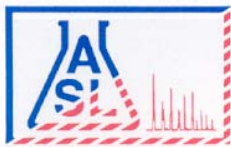
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012716-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	108	<1	42-122	<30					
4,4'-DDT (DDT)	115	103	11.0	25-160	<30					
Dieldrin	114	97	16.1	36-146	<30					
Endrin	113	105	7.3	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	100	107	6.8	32-127	<30					
Heptachlor	97	104	7.0	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 14

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

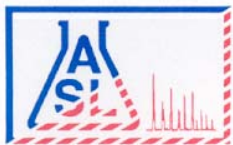
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012716-1

Our Lab I.D.		342669				
Client Sample I.D.		B069-1.5				
Date Sampled		01/14/2016				
Date Prepared		01/27/2016				
Preparation Method						
Date Analyzed		01/27/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	11.6				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		342669				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	98				



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ANALYTICAL RESULTS

Page: **15**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

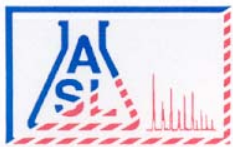
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012716-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	108	<1	42-122	<30					
4,4'-DDT (DDT)	115	103	11.0	25-160	<30					
Dieldrin	114	97	16.1	36-146	<30					
Endrin	113	105	7.3	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	100	107	6.8	32-127	<30					
Heptachlor	97	104	7.0	34-111	<30					



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 16

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

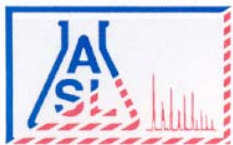
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 012716-5

Our Lab I.D.		342651				
Client Sample I.D.		B030-1.5				
Date Sampled		01/14/2016				
Date Prepared		01/27/2016				
Preparation Method						
Date Analyzed		01/27/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	20.0	176				
4,4'-DDT (DDT)	4.00	13.0				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	274				
Chlordane, Total	170	ND				

Our Lab I.D.		342651				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	80				



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Environmental Testing Services

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ANALYTICAL RESULTS

Page: **17**

Project ID: 01203535.32

Project Name: Sunroad Ota Mesa

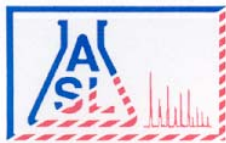
ASL Job Number	Submitted	Client
66849	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 012716-5

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	108	108	<1	42-122	<30					
4,4'-DDT (DDT)	115	103	11.0	25-160	<30					
Dieldrin	114	97	16.1	36-146	<30					
Endrin	113	105	7.3	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	100	107	6.8	32-127	<30					
Heptachlor	97	104	7.0	34-111	<30					



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

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Ordered By

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

Number of Pages 3

Date Received 01/15/2016

Date Reported 02/09/2016

Telephone (858) 571-5500
Attn Luke Montague

Job Number	Ordered	Client
66923	02/02/2016	SCS

Project ID: 01203535.32
Project Name: Sunroad Otay Mesa
Site: 9300 Otay Mesa Road
San Diego, CA 92154

Enclosed are the results of analyses on 1 sample analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



Page 9 of 15

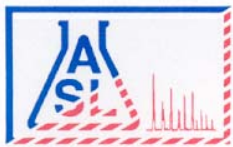
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

NEW JOB# 66923
ASL JOB# 66798.

Company: SCS Engineers					Report To: Luke Montague					ANALYSIS REQUESTED														
Address: 8799 Balboa Ave Suite 290					Project Name: Sunroad Otay Mesa					Address: --					8081A OCPs 6010B Arsenic Archive 8081A OCPs									
San Diego, CA 92123					Site Address: 9300 Otay Mesa Road					Invoice To: --														
Telephone: 858-571-5500					San Diego, CA 92154					Address: --														
Special Instruction:					Project ID: 01203535.32																			
E-mail: lmontague@scsengineers.com dgill@scsengineers.com					Project Manager: Luke Montague					P.O.#: 01203535.32														
ITEM	LAB USE	SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation													Remarks		
	Lab ID	Sample ID	Date	Time	#	Type																		
27	342019	B047-0.5	1/14/2016	833	1	Acetate Sleeve	Soil	None				X	X											
		B047-1.5	1/14/2016	833	1	Acetate Sleeve	Soil	None						X										
		B047-3	1/14/2016	833	1	Acetate Sleeve	Soil	None						X										
30	342020	B048-0.5	1/14/2016	825	1	Acetate Sleeve	Soil	None				X	X											
		B048-1.5	1/14/2016	825	1	Acetate Sleeve	Soil	None						X										
		B048-3	1/14/2016	825	1	Acetate Sleeve	Soil	None						X										
31	342021	B049-0.5	1/14/2016	846	1	Acetate Sleeve	Soil	None				X	X											
		B049-1.5	1/14/2016	846	1	Acetate Sleeve	Soil	None						X										
		B049-3	1/14/2016	846	1	Acetate Sleeve	Soil	None						X										
32	342022	B050-0.5	1/14/2016	859	1	Acetate Sleeve	Soil	None				X	X											
Collected By: Derek Gill					Date 1/14/16 Time					Relinquished By: <i>[Signature]</i>					Date 1/15/16 Time 1100					TAT				
Relinquished By:					Date Time					Received For Laboratory <i>[Signature]</i>					Date 1/15/16 Time 11:40					Normal X				
Received By:					Date Time					Condition of Sample:										Rush				

White - Report, **Yellow** - Laboratory, **Pink** - Client

CHAIN OF CUSTODY



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**Site**

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

9300 Otay Mesa Road
San Diego, CA 92154

Telephone: (858)571-5500

Attn: Luke Montague

Page: 2

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

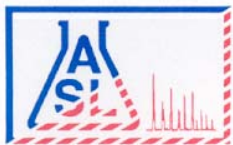
ASL Job Number	Submitted	Client
66923	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 020816-1

Our Lab I.D.		343076				
Client Sample I.D.		B47-3				
Date Sampled		01/14/2016				
Date Prepared		02/03/2016				
Preparation Method						
Date Analyzed		02/08/2016				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aldrin	2.00	ND				
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND				
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND				
Gamma-Chlordane	2.00	ND				
alpha-Chlordane	2.00	ND				
4,4'-DDD (DDD)	4.00	ND				
4,4'-DDE (DDE)	4.00	ND				
4,4'-DDT (DDT)	4.00	ND				
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND				
Dieldrin	4.00	ND				
Endosulfan 1	2.00	ND				
Endosulfan 11	4.00	ND				
Endosulfan sulfate	4.00	ND				
Endrin	4.00	ND				
Endrin aldehyde	4.00	ND				
Endrin ketone	4.00	ND				
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND				
Heptachlor	2.00	ND				
Heptachlor epoxide	2.00	ND				
Methoxychlor	4.00	ND				
Toxaphene	170	ND				
Chlordane, Total	170	ND				

Our Lab I.D.		343076				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	74				



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

Page: **3**

Project ID: 01203535.32

Project Name: Sunroad Otay Mesa

ASL Job Number	Submitted	Client
66923	01/15/2016	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 020816-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	104	107	2.8	42-122	<30					
4,4'-DDT (DDT)	119	108	9.7	25-160	<30					
Dieldrin	125	110	12.8	36-146	<30					
Endrin	111	113	1.8	30-147	<30					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	119	117	1.7	32-127	<30					
Heptachlor	104	97	7.0	34-111	<30					