CEC
Certified Environmental Consultants, Inc.

REPORT OF LIMITED PHASE II SITE ASSESSMENT FINDINGS, FOR ASSESSOR'S PARCEL NUMBERS 069-525-022 AND 069-160-051, LOCATED AT THE SOUTHWESTERN CORNER OF THE INTERSECTION OF CALLE REAL AND NORTH PATTERSON AVENUE, WITHIN AN UNINCORPORATED AREA OF SANTA BARBARA COUNTY, NEAR THE CITY OF SANTA BARBARA, CALIFORNIA

Prepared for

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Prepared by

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CEC Project No. 20-2160
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1.0 INTRODUCTION

1.1 Purpose

Certified Environmental Consultants, Inc. (CEC) recently performed two rounds of soil sampling at an orchard property that is located near the City of Santa Barbara to the east and the City of Goleta to the west, within an unincorporated portion of Santa Barbara County, California.

The site consists of two contiguous parcels, Assessor's Parcel Number 069-525-022 (Parcel 22), the larger portion of the site, which is occupied by an avocado orchard, and Assessor's Parcel Number 069-160-051 (Parcel 51), the smaller and undeveloped part of the site, which comprises a level pad with a downward, north-facing slope.

These activities were performed as an initial screening program, as related to proposed redevelopment of the site, which as presently proposed would transition the property to residential usage. Specifically, County personnel had requested sampling of shallow soils, with analysis of the samples for the presence of residual pesticides, industrial metals, and polychlorinated biphenyls (PCBs).

1.2 Involved Parties

This report was prepared for Ms. Trudi Carey and Galileo Pisa, LLC, under the general terms and conditions initially established in a May 5, 2020 communication. CEC's services culminated with preparation of this written report of project-related findings and conclusions. Data acquisition for this report commenced on May 29, 2020. Data acquisition and evaluation for this report ended on July 16, 2020**.**

1.3 Site Setting

1.3.1 Site Location

The subject site is located at and near the southwestern corner of the intersection of North Patterson Avenue and Calle Real, just north of Highway 101, within an unincorporated portion of Santa Barbara County, California. The site location is shown on Figure 1 - Site Location Map.

The site location is further delineated on Figure 2a - Assessor's Parcel Map (northern parcel) and Figure 2b - Assessor's Parcel Map (southern parcel). The site's smaller/southern parcel has a street/mailing address of 99 North Patterson Avenue, Santa Barbara, CA 93111, whereas the larger parcel recently was assigned an address of 5317 Calle Real, Santa Barbara, CA 93111.

Previously reviewed records suggested the site's northern parcel had at one time used addresses of 149 and/or 383 North Patterson Avenue. However, the assessor's office had no records for these addresses.

1.3.2 Adjacent Properties

The subject site is located in an area of mixed-purpose land usage and development. To the north, the site is bounded by Calle Real, with a residential neighborhood beyond. To the east of the site lies North Patterson Avenue, with a self-storage facility and residential housing beyond. Another self-storage facility and office buildings bound the site to the south and southwest, with Highway 101 beyond.

To the west, the site is bordered by a southwesterly bend in Calle Real, with additional residential properties beyond. Adjacent and nearby properties can be seen in ground-level photographs included in Appendix A, and on Figure 3 - Recent Aerial Photograph.

1.3.3 Site Description and Current Site Uses/Operations

As illustrated on Figures 2a and 2b, the site consists of two, adjacent lots, the larger zoned DR-20 High Density Residential and the smaller zoned C-2 Commercial, and together they form an irregular-shaped area that collectively comprise an area of roughly 1.6 acres. The site currently consists of an undeveloped smaller/upper/southern lot (Parcel 51) and a larger/lower/northern lot (Parcel 22) that is occupied by an avocado orchard. A gated driveway off Calle Real provides access to the Parcel 22 area for orchard-maintenance equipment. No roadway access currently exists for the site's vacant/undeveloped lot.

No paved parking/driveway areas or other improvements were noted at the site, other than the described orchard, current/older irrigation piping, and an asphalt storm-water channel that passes east-to-west through the property, and perimeter fences/walls. However, features deemed indicative of the presence of municipal services (storm-water management, sanitary sewer and potable water supply) and regional-provider utility (natural gas and electricity) services were noted on adjacent properties and roadways.

A property-owner representative of the orchard (Mr. Stanton Giorgi) previously indicated during 2018 that only "Roundup" had been used for many years, and historical pesticide storage, and mixing had been conducted on a different part of the once larger orchard, at an area that lies beyond the present-day Calle Real easement.

2.0 GENERAL VICINITY CHARACTERISTICS

2.1 Regional Physiographic Conditions

The site is located in the central, coastal portion of California's Transverse Ranges Geomorphic Province. The Transverse Ranges Province generally consists of east-trending, elongate, fault-derived, sequential mountains and valleys, and geologically is quite complex.

The site is located on a narrow coastal plain, between the Santa Ynez Mountains a few miles to the north, and the Pacific Ocean approximately 1 mile to the south. The ground surface at the site varies by roughly 14 feet in elevations from the upper lot to the lower/orchard lot. A relatively steep slope separates the leveled portions of the lots. The reported elevation of the upper lot is roughly 81 feet above mean sea level. Regionally, the ground surface slopes downward to the south, toward the Pacific Ocean.

2.2 Soil Conditions

Based on information provided by ERS, the site area is underlain by soils associated with the Elder assemblage. Soils of this grouping are reported to primarily consist of stratified intervals of fine-grained, loamy materials. Stratified and/or fine-grained soils of this nature would tend to exhibit slow infiltration rates, and/or inhibit the migration of liquid- and/or vapor-phase contamination, if present. Additional discussion of soil conditions at the site is included in Section 3.2.

2.3 Geological Conditions

As previously described, the site lies within the Transverse Ranges Geomorphic Province. This province is characterized by complexly folded and faulted rock units. Rock units in the region primarily consist of marine and non-marine sedimentary materials, with some localized outcrops of intrusive (granitic) and extrusive (volcanic) igneous rocks, and associated metamorphic rocks. Mapped geologic units of the Transverse Ranges Province vary in age from Proterozoic to Holocene (greater than 570 million years old to less than 11,000 years in age). However, numerous questions still remain regarding the age, orientation, and/or origin, of many geological features of the Transverse Ranges Province.

According to a geologic map of the site area, the region is underlain by Holocene-age alluvium, which overlies older, dissected alluvium that primarily is composed of sandstone detritus. These younger deposits are unconformably underlain by older marine-type sedimentary deposits.

Structurally, the Transverse Ranges generally are comprised of east-trending, steeply dipping, folded rock units that in many instances have been fractured along their axes and/or flanks by compressional faulting. Numerous named and unnamed faults have been identified at on-shore and off-shore locations in the Santa Barbara area. Several active and inactive faults have been mapped within Santa Barbara. Based on a cursory review of a fault map of the area, the site lies in close proximity to mapped fault traces.

However, this condition does not represent an REC as previously defined, and a natural-hazards disclosure report for the site did not identify any known faults at or adjacent to the site. Detailed review of fault-zone maps and/or further evaluation of potential for ground-surface rupture, and/or liquefaction and slope-stability evaluation, are beyond the scope of this environmental-screening investigation. Site-specific fault-hazard research and engineering-related comments and recommendations would require an increase in CEC's scope of work.

2.4 Hydrological/Hydrogeological Conditions

No mapped water courses pass through or adjacent to the site. According to information provided for a previous report, the site area does not lie within a mapped flood zone. Based on this finding, routine flooding of the site does not appear to be of significant concern. Additionally, no mapped riparian areas, or designated wetlands, were identified at or adjacent to the subject site.

Surface drainage at the site appeared to be routed toward an asphalt-lined channel that passes east-to-west through the southern part of the orchard portion of the site. In addition to surface drainage, the channel connects a drain pipe that passes beneath North Patterson Avenue to a collection

box/inlet on the adjacent-south property. Adjacent properties otherwise appeared to have been graded to route storm water away from the site.

No monitoring wells were observed at the site, and no depth or quality data has been provided for ground water beneath the site. Based on regional experience and gathered information, it is likely first ground water beneath the site occurs under perched or semi-perched, unconfined conditions, at depths of 50 feet or more below ground surface. Deeper aquifers that are drafted for various "beneficial" uses are present at depths of hundreds to thousands of feet.

Regionally, ground-water flow typically follows the general trend of the topography of the ground surface. Based on this rationale ground-water flow beneath the site area likely is toward the south. Specific determination of depth to ground water and/or flow-direction data for the site would require an increase in CEC's scope of services.

3.0 SCOPE OF WORK

3.1 Initial Sampling/Data Evaluation

Initially completed soil-sampling and evaluation activities included:

- Coordinated site access and field schedules with client and oversight-agency personnel;
- Utilized hand-auger equipment and supplies to collect shallow soil samples (depths of roughly 6 inches below surface), at 10 relatively grid-based random locals (5/30/20 event);
- Collected representative soil samples in driven tubes, which were labeled and sealed upon collection, and stored in an iced cooler;
- Delivered the samples to a state-certified analytical laboratory under chain of custody;
- Had each of the initially collected samples analyzed for Organochlorine Pesticides, chlorinated herbicides, and Title 22 Metals, by EPA Methods 8081A, 8151A and 6010B, respectively; and,
- Performed preliminary evaluation of the resultant data, with respect to published soil-screening values for this level of investigation, as published by the state (Tier I Environmental Screening Levels {ESLs}, San Francisco Bay Regional Water Quality Control Board, 2019).

3.2 Follow-Up Sampling

Based on initial analytical results, which showed elevated concentrations (with respect to the State's ESLs, at relatively consistent concentrations, for the historical pesticide Chlordane, and the metals arsenic and vanadium, follow-up sampling was suggested and subsequently completed, including:

- Coordinated site access and field schedule with client and oversight agency personel;
- Utilized hand-auger equipment and supplies to advance a deeper boring at the general location of the previous Sample #8 location, to a depth of approximately 5 feet below grade (6/19/20 event);
- Collected additional soil samples at depth intervals of roughly 1 foot, handling the samples in the same manner described above;

- Logged the collected soil samples in accordance with the Unified Soil Classification System (USCS) and screened soils for the presence of contamination using physical observations;
- Delivered the samples to a State-certified analytical laboratory under chain of custody;
- Had the 1-foot, 3-foot and 5-foot samples analyzed for Organochlorine Pesticides and Title 22 Metals, by EPA Methods 8081A and 6010B, respectively (no chlorinated herbicides had been detected in the initial samples); and,
- Performed additional evaluation of site conditions with respect to the presently proposed redevelopment plan/conceptual grading plan, and prepared this summary report.

Soils encountered during the described initial hand-auger sampling consisted of loose, dry to moist, medium brown, silty to clayey, fine sand (SM/SC). The deeper boring exhibited similar conditions to a depth of roughly 4 feet, where an increase in moisture and clay content occurred, was noted, which extended to the total depth of 5 feet below grade (CH).

These findings were found to be consistent with prior geotechnical investigation of the site. Copies of boring logs recently prepared as part of a Soils Investigation for the site, are included in Appendix A. Copies of the analytical reports and custody forms are included in Appendix B. The above-described sample locations are depicted on Figure 3 - Sample Locations.

4.0 DISCUSSION OF INVESTIGATION FINDINGS

4.1 Title 22 Metals

Analytical Results for Title 22 Metals are summarized in Table 1. As reflected in Table 1, concentrations reported for the various Title 22 Metals generally were not detected (ND) or were below the respective ESLs.

Lead was reported at a concentration slightly above the state's ESL (33.5 mg/kg versus ESL of 32 mg/kg). All of the other lead data for the described samples were below the ESL, with reported values ranging from 8.27 mg/kg to 24.1 mg/kg. Based on these data, the presence of unacceptable levels of lead in the site's shallow soils does not appear to be a concern.

The metals arsenic and vanadium were reported at concentrations that exceeded the respective ESLs, for each of the analyzed samples. Reported arsenic concentrations ranged from 2.68 mg/kg to 13.1 mg/kg (versus ESL of 0.067 mg/kg), and showed negligible attenuation with depth. The reported vanadium concentrations ranged from 21.2 mg/kg to 30.0 mg/kg (versus ESL of 18.0). The reported vanadium levels also showed no significant attenuation with depth.

These data are deemed to be consistent with elevated background levels for these metals in local soils, as related to deposition and/or erosion of volcanic ash in regional soils. This assessment is consistent with prior findings for the region. As such, the herein-reported arsenic and vanadium levels are deemed to be indicative of background values for the area.

4.2 Chlorinated Pesticides and Herbicides

Analytical results for Organochlorine Pesticides and Chlorinated Herbicides, as derived from the recent sampling, are summarized in Tables 2 and 3, respectively. As reflected in Table 2,

Chlordane (total) was detected in 9 of the initial 10 samples, at concentrations ranging from 3.20 mg/kg to 200.9 mg/kg (versus ESL of 0.0085). The only initial sample that did not exhibit detectable levels of Chlordane or other pesticides was location #1, which was situated near the toe of the slope, where CEC understands the soil was pushed up to create the upper pad at the smaller parcel.

Four of the initial 10 samples exhibited detectable levels of 4,4-DDD, at concentrations of 5.40 mg/kg to 84.1 mg/kg (versus ESL of 2.7 mg/kg). Three of the initial 10 samples exhibited detectable levels of 4,4-DDT, at concentrations of 4.29 mg/kg to 4.94 mg/kg (versus 0.0011 mg/kg).

Each of these compounds was found, and the greatest concentrations were reported, for shallow Sample #8. Other chlorinated pesticides were not detected in the remaining samples, and as reflected in Table 3, chlorinated herbicides were not detected in any of the initial soil samples.

As reflected in Table 2, follow-up/deeper samples from the #8 location showed significant attenuation of Chlordane and other pesticide levels with depth, with the 1-foot and 3-foot samples yielding Not Detected results for all pesticides. The occurrence of Chlordane at a concentration of 5.24 mg/kg at the 5-foot depth may be related to the presence of a wet, clay interval at that depth.

4.3 Polychlorinated Biphenyls (PCBs)

In addition to the above analyses, County personnel had requested analysis of samples for PCBs, at locations adjacent to or beneath electrical transformers at the site. Upon further inspection, a potential transformer previously identified near the property's northeastern corner was found to be a traffic-signal box. As no other pad- or pole-mounted transformers were identified at the site, performing analyses for the presence of PCBs was deemed unwarranted, and the initial samples were not analyzed for PCBs.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Reviewed information contained in a Soils Investigation Report for the site by Braun & Associates, Inc., indicates proposed grading activities entail removal of 4 feet of native soil under the proposed building pad (building footprint plus 10 feet beyond the building envelope), then re-compacted to grade, using clean, engineered-fill soils. At the driveway-parking areas, the report calls for the removal of 12 inches of native soil, to be replaced with clean engineered fill.

While the described arsenic and vanadium levels were uniformly above the State's ESLs, the consistency of data for laterally and vertically locals and prior experience in the regions suggests the reported metal concentration are indicative of background levels for the region. While elevated levels of chlorinated pesticides, specifically Chlordane, were found to be present in shallow soils of the orchard area, the initially found pesticide residues showed significant attenuate with minimal additional depth of sampling.

While the recent analytical data shows values that exceed the State's respective ESLs, these "look-up" tables are intended for use as preliminary, conservative-by-design values, and specifically are not intended for use in making remediation-related decisions. Based on these initial data, surplus soils that require off-site disposal may require handling as a hazardous or otherwise-regulated

waste. However, based on the nature of arsenic, vanadium, and chlorinated pesticides (low solubility, low volatility, and in lieu of ingestion, low toxicity, it appears the existing shallow soils at the site can be incorporated into a grading program that would provide for use beneath structural barriers, such as building pad and parking/driveway areas, burial beneath imported fill or "clean" fill generated from the site (as demonstrated through sampling), and/or export of surplus soils as hazardous or otherwise-regulated waste.

Based on the above-described findings and expressed rationale, CEC concludes the site is suitable for redevelopment as proposed, and recommends County approval of the proposed Galileo Pisa, LLC redevelopment plan, provided future grading is conducted in conjunction with completion, approval, and implementation of a project-specific Soil Management Program.

The site's Soil Management Program should include procedural and/or engineered controls that address potential health concerns for construction workers and the local community during mass grading (primarily dust control), and future residents (physical barriers between above ESL soils and occupants).

6.0 LIMITATIONS

No site assessment activities, no matter how extensive or expensive, can guarantee the absence of hazardous or otherwise regulated materials at a particular site. Despite the use of reasonable care, CEC and other well-qualified and competent environmental professionals may fail to detect the presence of hazardous/regulated substances at a property. In addition, CEC and other environmental professionals may under or over estimate the amount and/or extent of hazardous or regulated substances present. Further, no comment can be made regarding future site conditions or the performance of construction materials.

CEC assumes no responsibility for conditions that were not readily apparent at the time of its work, or for the accuracy or completeness of information provided or compiled by others. The professional services provided for this report and the related investigation are intended to meet the degree of skill and care ordinarily exercised by other environmental professionals in the region practicing under similar conditions and circumstances. No other warranty or guarantee, express or implied, is made.

This report was prepared on behalf of Ms. Trudi Carey and Galileo Pisa, LLC, for submittal to Santa Barbara County Planning and Development, and is intended to be used solely by these parties and their designated agents and assigns in evaluating the potential impact, if any, of regulated or otherwise hazardous materials at the site. This report is not intended for use by other parties, and may not contain sufficient detail for use by others. Any use of or reliance upon the information by another party shall be at the sole risk of such third party, and without legal recourse against CEC, its employees, or officers, regardless of whether such action is based upon contract, tort or statute.

This report is not a legal opinion. CEC's comments are based on its understanding of current regulations and experience with similar projects. A qualified environmental attorney should be consulted for a legal opinion on any related matters, including site ownership/management requirements and options.

The site was not sampled for nor inspected for radon, mold, or other indoor-air-quality concerns. Sampling and/or inspecting the site for radon, mold or other indoor-air-quality issues, such as vapor intrusion, would require use of specialty sampling equipment and outside laboratory analyses. If desired, such additional services would necessitate an increase in CEC's scope of work.

7.0 REFERENCES

2nd Determination of Application Incompleteness, Galileo Pisa, LLC Apartments, NW Corner of Calle Real & Patterson Avenue, Case No's. 19GPA-00000-00003, 19RZN-00000-00002, 19DVP-00000-0039, APN's 069-525-022 &069-160-051, Santa Barbara Planning and Development, 2020.

Phase I Environmental Site Assessment Report for Land Known as Assessor's Parcel Numbers 069-160-051 and 069-525-022, Located near the City of Santa Barbara, California, Certified Environmental Consultants, Inc., 2018.

Soils Investigation, Prepared for: The Carey Group, 5325 Calle Real, Santa Barbara, CA 93111, Proposed Three-Story Commercial Structure, 383 Patterson Avenue, Goleta, CA, Braun & Associates Inc., 2020.

Tier 1 Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board, 2019.

Tables

Table 1
Analytical Results - Title 22 Metals
99 North Patterson Avenue
Santa Barbara, California

Title 22 Metal	Sample I.D. (*) 1	Sample I.D. (*) 2	Sample I.D. (*) 3	Sample I.D. (*) 4	Sample I.D. (*) 5	Sample I.D. (*) 6	Sample I.D. (*) 7	Sample I.D. (*) 8	Sample I.D. (*) 9	Sample I.D. (*) 10	Sample I.D. (*) 8-1	Sample I.D. (*) 8-3	Sample I.D. (*) 8-5	Tier 1 ESL (**)
Antimony	ND	ND	ND	ND	ND	1.40	ND	ND	ND	ND	ND	ND	ND	11
Arsenic	**2.68**	**6.45**	**4.06**	**5.26**	**2.87**	**3.27**	**3.18**	**13.1**	**4.51**	**3.52**	**4.08**	**3.15**	**4.79**	0.067
Barrium	112	82.8	78.5	79.2	52.1	94.7	81.3	60.8	66.2	79.2	96.7	97.9	88.7	390
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Cadmium	1.12	1.18	1.24	1.10	0.897	1.16	1.20	1.06	1.02	1.22	1.06	1.10	1.16	1.9
Chromium	26.4	22.4	23.3	21.6	17.7	24.0	22.9	18.8	20.4	21.2	22.0	23.7	22.7	1600
Cobalt	7.09	6.52	6.66	5.88	5.41	6.41	6.11	5.37	5.65	6.38	6.61	7.06	6.63	23
Copper	16.3	88.7	53.6	48.3	49.0	28.5	37.4	102	61.5	42.7	23.8	13.0	37.0	180
Lead	8.27	**33.5**	19.5	12.8	14.9	16.3	15.0	24.1	16.7	12.2	6.68	4.73	9.36	32
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13
Molybdenum	ND	0.555	ND	ND	ND	ND	0.526	ND	ND	ND	ND	ND	ND	6.9
Nickel	32.8	25.1	25.5	22.9	19.8	30.7	23.8	20.8	21.4	23.9	26.3	28.9	27.3	86
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.78
Vanadium	**29.9**	**26.2**	**27.3**	**25.2**	**21.2**	**30.0**	**27.1**	**22.3**	**24.3**	**25.2**	**25.6**	**27.6**	**26.8**	18.0
Zinc	48.7	89.6	84.3	59.4	50.4	69.9	76.0	60.9	58.3	112	32.4	29.1	42.3	340

Notes:
(*) See Figure 2 for general sample locations
(**) Tier 1 Environmental Screening Levels (ESLs) for Soils (mg/kg), S.F. Bay Regional Water Quality Control Board, 2019
Bold type face = Exceeds recommended screening level

Table 2
Analytical Results - Organochlorine Pesticides
99 North Patterson Avenue
Santa Barbara, California

Pesticide	Sample I.D. (*) 1	Sample I.D. (*) 2	Sample I.D. (*) 3	Sample I.D. (*) 4	Sample I.D. (*) 5	Sample I.D. (*) 6	Sample I.D. (*) 7	Sample I.D. (*) 8	Sample I.D. (*) 9	Sample I.D. (*) 10	Sample I.D. (*) 8-1	Sample I.D. (*) 8-3	Sample I.D. (*) 8-5	Tier 1 ESL (**) (mg/kg)
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0024
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Chlordane (total)	ND	**36.89**	**7.32**	**5.77**	**3.20**	**15.66**	**10.6**	**200.9**	**13.24**	**6.06**	ND	ND	**5.24**	0.0085
4,4'-DDD	ND	**13.0**	ND	ND	ND	**5.40**	**6.63**	**84.1**	ND	ND	ND	ND	ND	2.7
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	**4.29**	ND	ND	ND	ND	0.33
4,4'-DDT	ND	ND	**4.33**	ND	ND	ND	ND	**4.94**	ND	ND	ND	ND	ND	0.0011
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00046
Endosulfan (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0098
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0011
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
gamma-BHC, Lindane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
Heptachlor Epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00018
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51

Notes:
(*) See Figure 2 for sample locations
(**) Tier 1 Environmental Screening Levels (ESLs) for Soil (mg/kg), S.F. Bay Regional Water Quality Control Board, 2019
Bold type face = Exceeds recommended screening level

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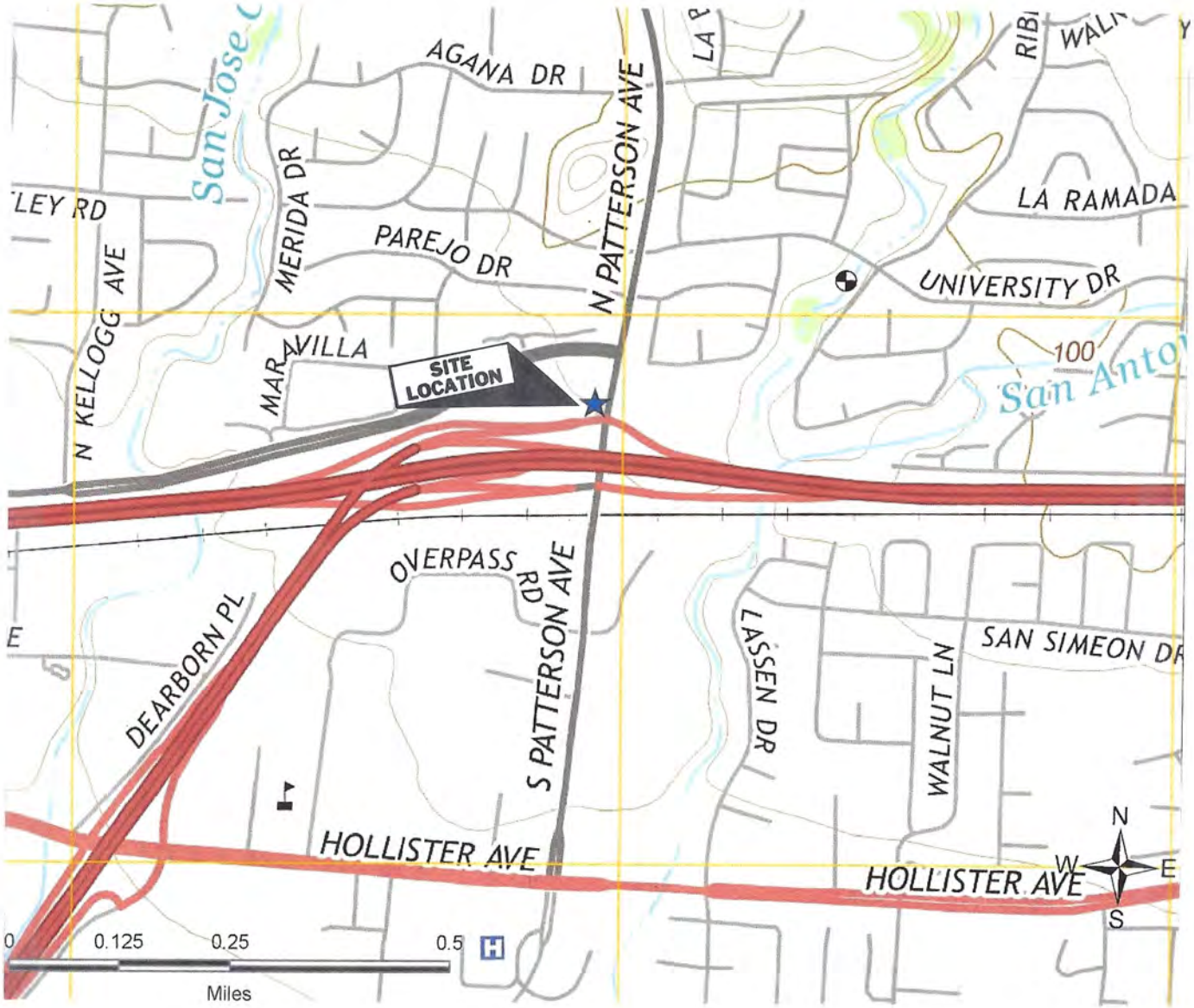
Table 3
Analytical Results - Chlorinated Herbicides
99 North Patterson Avenue
Santa Barbara, California

Pesticide	Sample I.D. (*) 1	Sample I.D. (*) 2	Sample I.D. (*) 3	Sample I.D. (*) 4	Sample I.D. (*) 5	Sample I.D. (*) 6	Sample I.D. (*) 7	Sample I.D. (*) 8	Sample I.D. (*) 9	Sample I.D. (*) 10	Tier 1 ESL (**) (mg/kg)
2,4-Dichlorophenyl-acetic acid (2,4-D)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
2,4-Dichlorophen-oxy acid (2,4-DB)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Dalapon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Dicamba	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Dichloroprop	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
Dinoseb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
2,4,5-Trichlorophenoxy-acetic acid (2,4,5-T)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed
2,4,5-Trichlorophenoxy propionic acid (Silvex)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Not Listed

Notes:
(*) See Figure 2 for sample locations
(**) Tier 1 Environmental Screening Levels (ESLs) for Soil (mg/kg), S.F. Bay Regional Water Quality Control Board, 2019

99pat2.tb3

Figures



DATE:	DRAWN BY:	PROJECT NO.	Site Location Map APNs 069-525-022 & 069-160-051 Santa Barbara, California	FIGURE
7/14/20	D. Johannes	20-2160		1
SOURCE:	USGS Goleta Quadrangle			

CERTIFIED ENVIRONMENTAL CONSULTANTS, INC.

DATE:	DRAWN BY:	PROJECT NO.	Assessor's Parcel Map APN 069-525-022 Santa Barbara, California	FIGURE
7/14/20	D. Johannes	20-2160		2a
SOURCE:	Santa Barbara Assessor			

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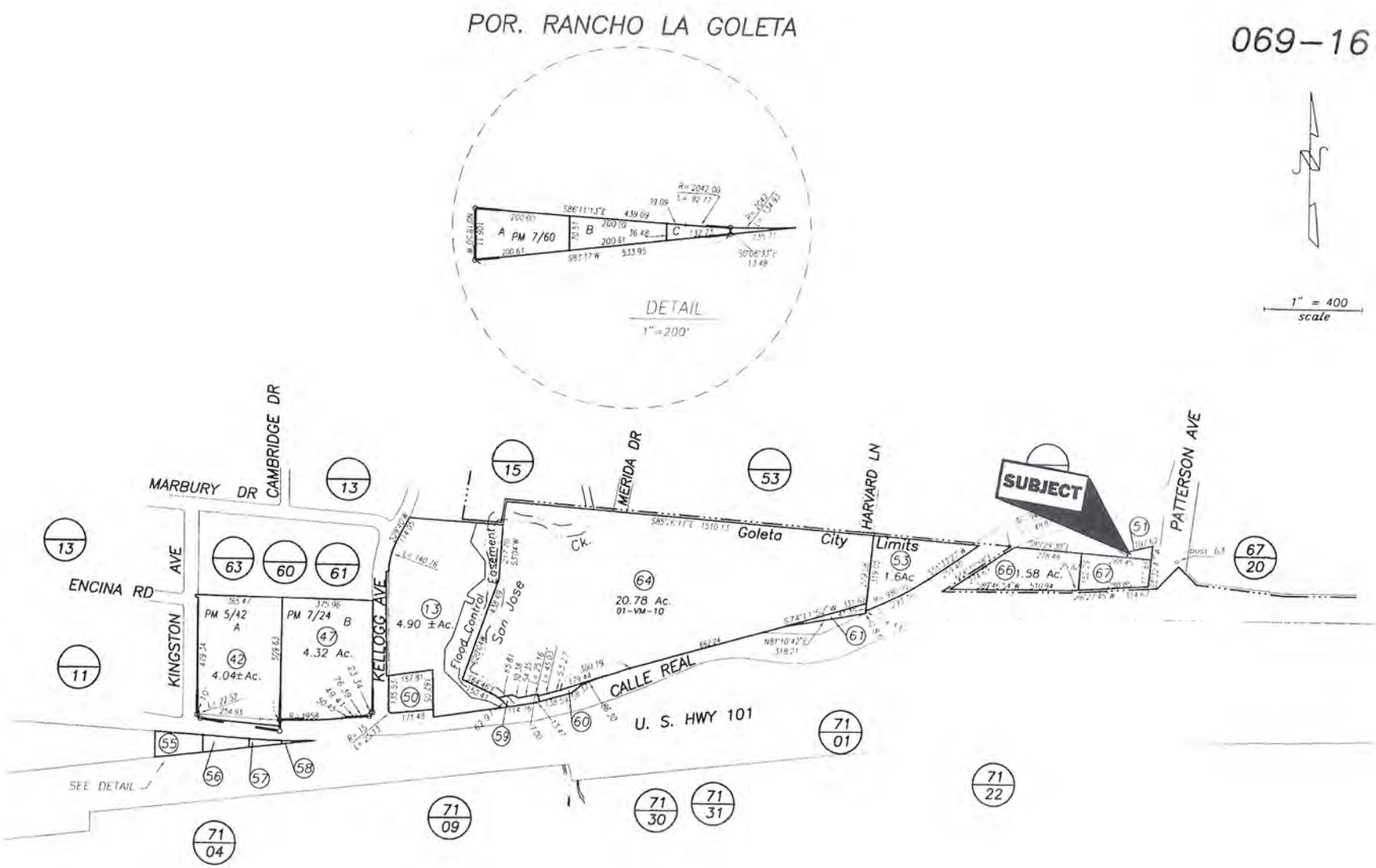
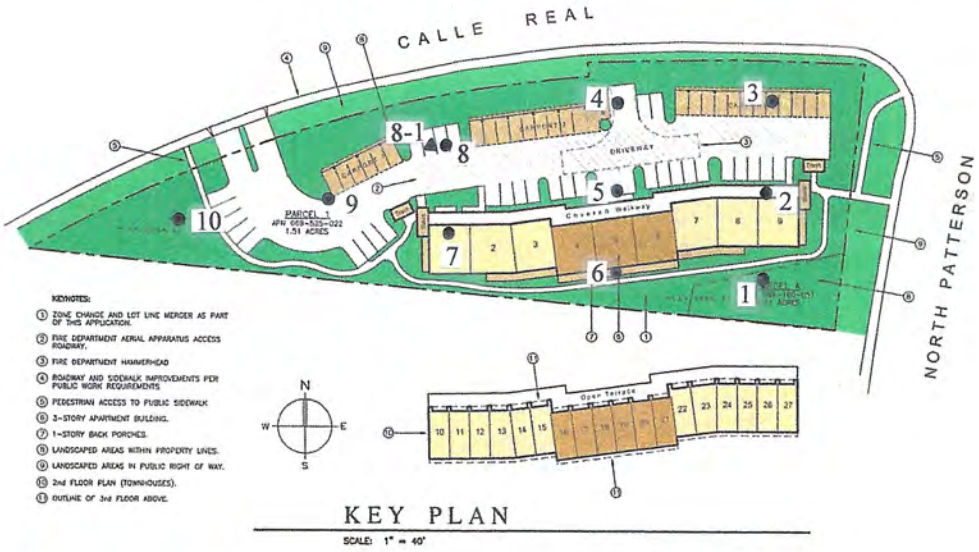


Scale Has Been Altered

DATE:	DRAWN BY:	PROJECT NO.	Assessor's Parcel Map	FIGURE
7/14/20	D. Johannes	20-2160	APN 069-160-051 Santa Barbara, California	2b
SOURCE:	Santa Barbara Assessor			

CERTIFIED ENVIRONMENTAL CONSULTANTS, INC.



Legend:

- ● 1 Initial soil-sample location/designation
- ▲ 8-1 Follow-up sample location/designation

All Locations and Dimensions Approximate

DATE: 7/14/20	DRAWN BY: D. Johannes	PROJECT NO. 20-2160	Sample Locations APNs 069-525-022 & 069-160-051 Santa Barbara, California	FIGURE 3
SOURCE:	Pujo & Assocs. Inc./CEC			

CERTIFIED ENVIRONMENTAL CONSULTANTS, INC.

Appendix A
Boring Logs

BORING LOG

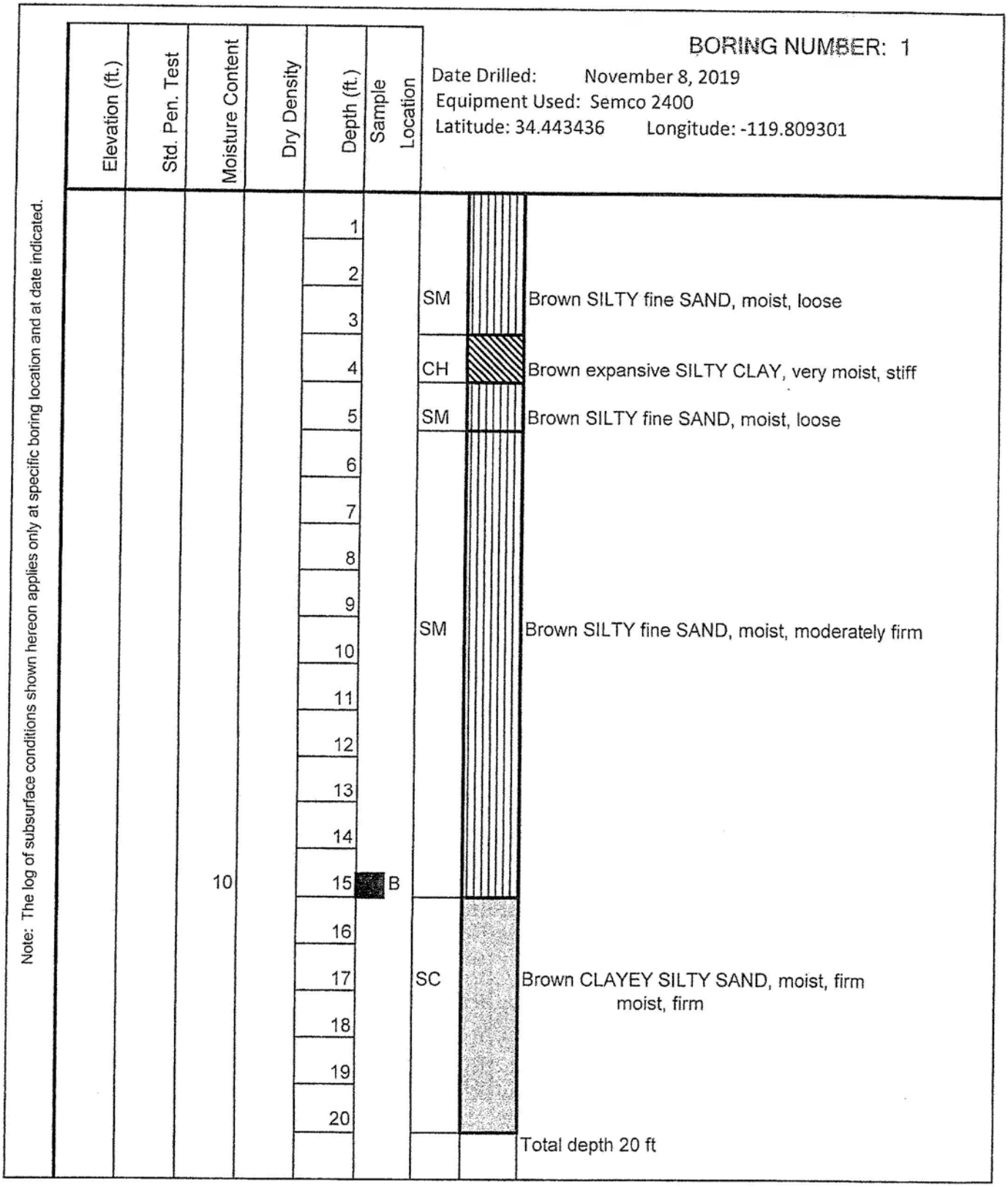


PLATE A-2.1

BORING LOG

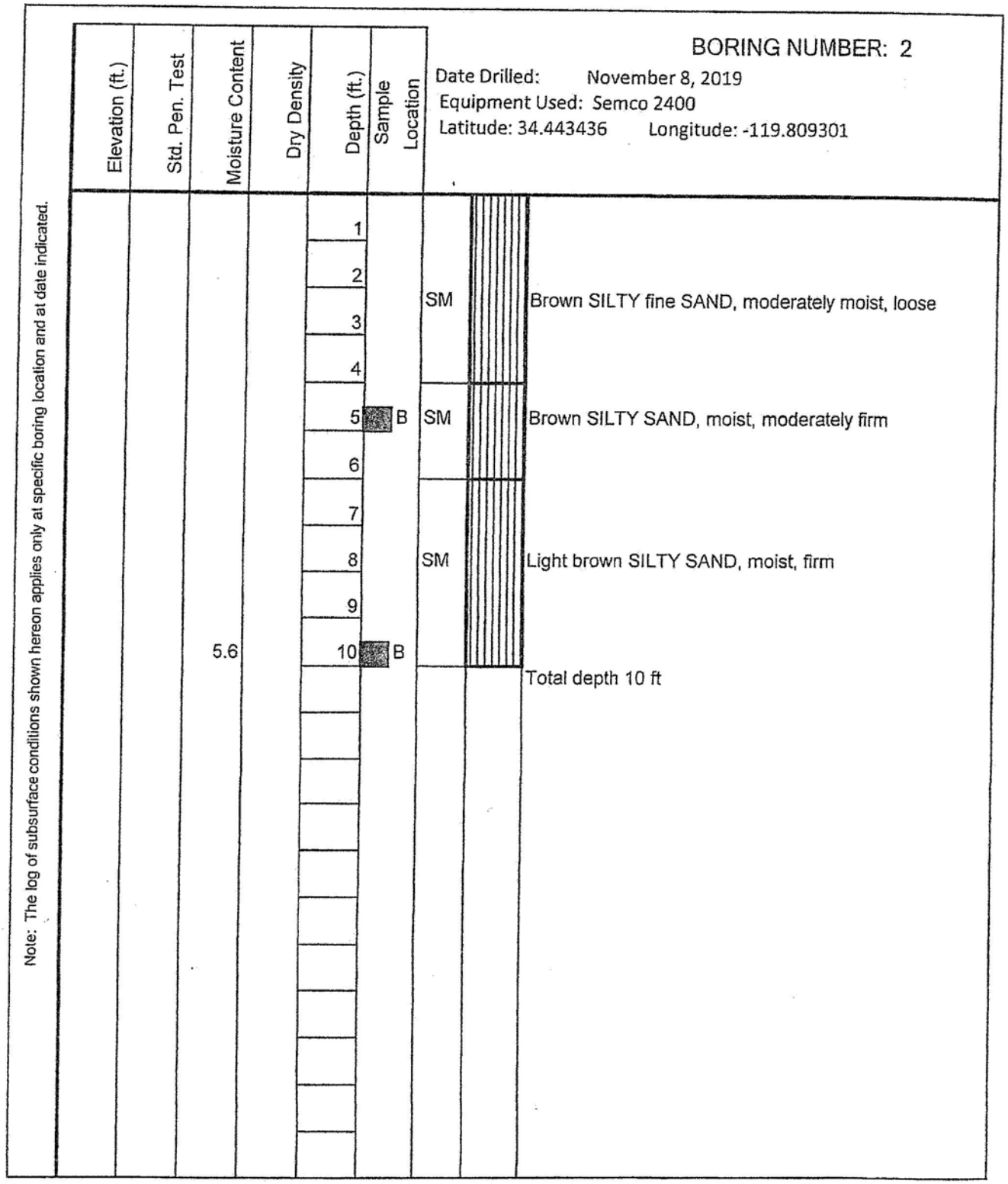


PLATE A-2.2

BORING LOG

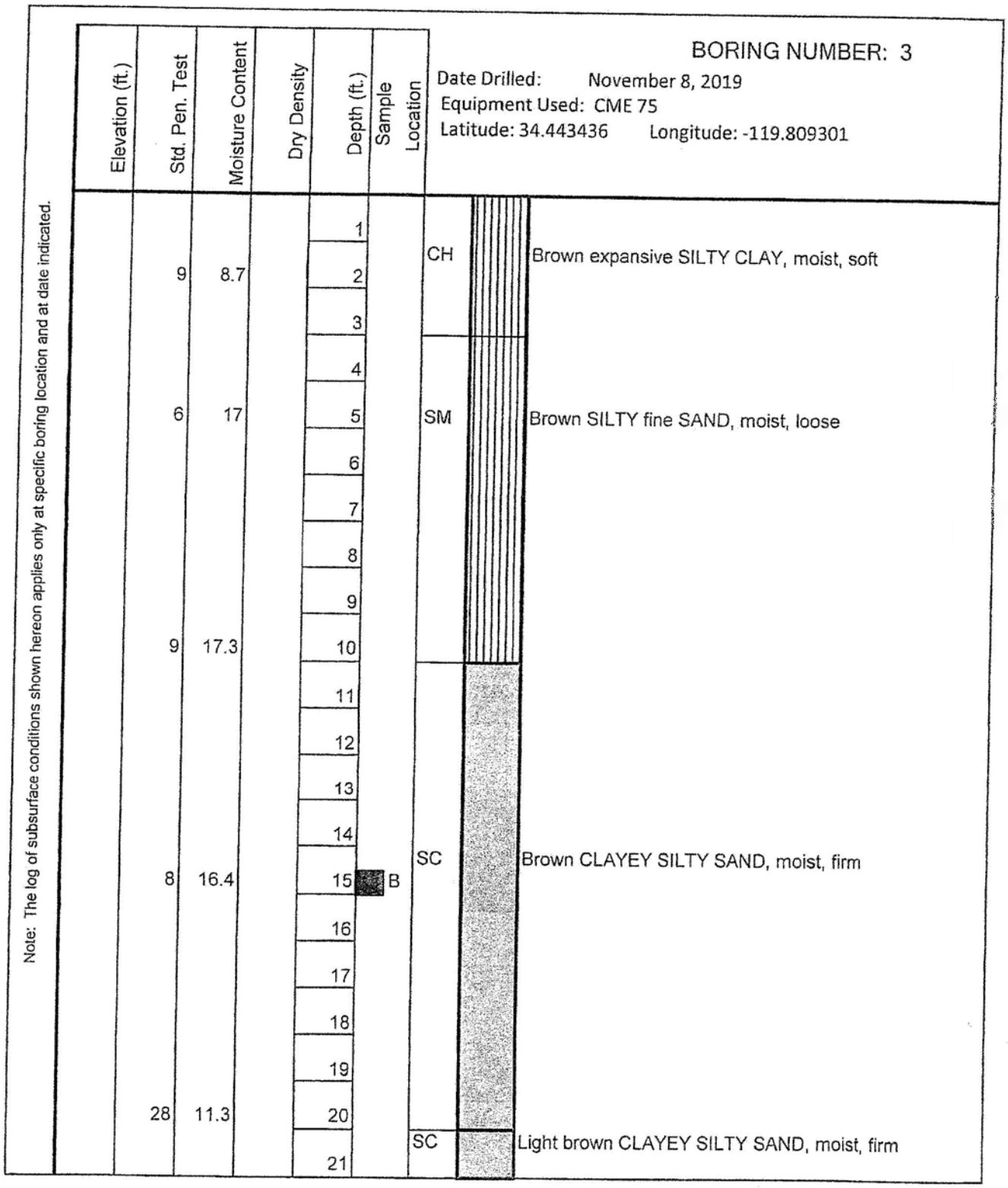


PLATE A-2.3

BORING LOG

BORING NUMBER: 3 cont'd

Date Drilled: November 8, 2019
Equipment Used: CME 75
Latitude: 34.443436 Longitude: -119.809301

Elevation (ft.)	Std. Pen. Test	Moisture Content	Dry Density	Depth (ft.)	Sample Location			
				43		SM		Yellow-brown SILTY cemneted SAND, moist, hard
				44				
	60			45				
				46		SM		Tan-gray SILTY cemented SAND, moist, hard
				47				
				48				
				49				
	50/6"	6.3		50	B			Total depth 50 ft
								NO GROUNDWATER ENCOUNTERED

Note: The log of subsurface conditions shown hereon applies only at specific boring location and at date indicated.

PLATE A-2.3 cont'd

BORING LOG

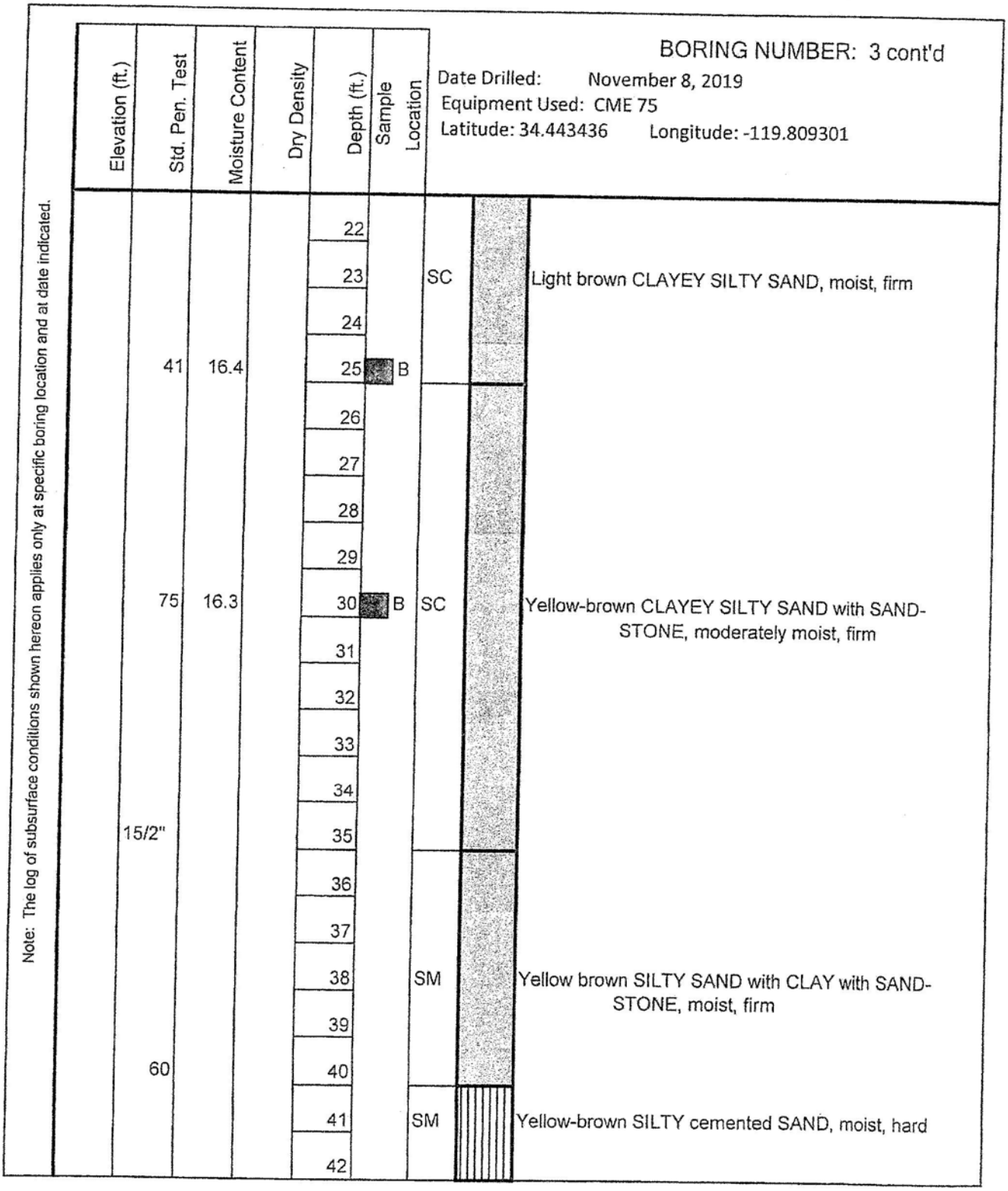


PLATE A-2.3 cont'd

Appendix B
Analytical Reports and Sample-Custody Forms

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

09 June 2020

David Johannes

Certified Enviro. Consultants, Inc.

1206 Harris Ave

Camarillo, CA 93010

Work Order #: 2006013

Project Name: 99PATT2

Project ID: 20-2160

Site Address:

Enclosed are the results of analyses for samples received by the laboratory on June 02, 2020. If you have any questions concerning this report, please feel free to contact us.

Rojert G. Araghi

Laboratory Director

CEC

Certified Environmental Consultants, Inc.
1206 Harris Avenue
Camarillo, CA 93010
Telephone: 805-388-8970
E-Mail: cecdj@aol.com

Chain of Custody

ASL JOB # 2006013

Project Number: 20-2160 | Project Name: 99PATT2
Project Manager: DAVID JOHANNES
Client Name: CAREY GRP.

Analyses Requested: ORGANOCHL. PESTS. (8081A) | CHLOR. HERBS. (8151A) | TITLE 22 METALS (6010B)

Turn-around time:
__ 24-Hour RUSH
__ 48-Hour RUSH
X Normal TAT

Lab. I.D. # (Lab. use only)	Sample Description (As it should appear on analytical report)	Date Sampled	Time Sampled	Sample Matrix	Containers (# and type)	ORGANOCHL. PESTS. (8081A)	CHLOR. HERBS. (8151A)	TITLE 22 METALS (6010B)	Remarks/ Special Instructions
2006013-01	1	5/30/20	11:40	SOIL	(1) TUBE	X	X	X	
2006013-02	2					X	X	X	
2006013-03	3					X	X	X	
2006013-04	4					X	X	X	
2006013-05	5					X	X	X	
2006013-06	6					X	X	X	
2006013-07	7					X	X	X	
2006013-08	8					X	X	X	
2006013-09	9					X	X	X	
2006013-10	10		12:50			X	X	X	

Relinquished by: (Sampler's Signature) David Johannes	Date 6/2/20	Time 13:15	Relinquished by:	Date	Time
Received by: Janet Chin	Date 6-2-20	Time 13:15	Received by:	Date	Time
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the above-specified analyses.			Relinquished by:	Date	Time
			Received by:	Date	Time

Sample Delivery Conditions:
Samples chilled? ✓Yes __No
Custody seals? __Yes ✓No
All sample containers intact? ✓Yes __No
By: __Courier __UPS/Fed Ex ✓Hand carried

Sample Disposal:
__ Client will pick up
__ Return to client
X Lab disposal

Laboratory Notes:

Job# 2006013

ASL Sample Receipt Form

Client: Certified Environmental Consultants, Inc.

Date: 6-2-2020

Sample Information:

Temperature: 5.2 °C ☐ Blank ☒ Sample

Custody Seal: ☐ Yes ☒ No ☐ Not Available

Received Within Holding Time: ☒ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☐ Yes ☐ No

Soil: ☐ 4oz ☐ 8oz ☒ Sleeve ☐ VOA

Water: ☐ 500AG ☐ 1AG ☐ 125PB ☐ 250PB ☐ 500PB ☐ VOA ☐ Other _____

Air: ☐ Tedlar®

Sample Containers Intact: ☒ Yes ☐ No

Trip Blank ☐ Yes ☐ No

Chain-of-Custody (COC):

Received: ☒ Yes ☐ No

Samplers Name: ☒ Yes ☐ No

Container Labels match COC: ☒ Yes ☐ No

COC documents received complete: ☒ Yes ☐ No

Proper Preservation Noted: ☒ Yes ☐ No

Completed By: Janet Chin

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1	2006013-01	Solid	05/30/2020 11:40	06/02/2020 13:15
2	2006013-02	Solid	05/30/2020 11:40	06/02/2020 13:15
3	2006013-03	Solid	05/30/2020 11:40	06/02/2020 13:15
4	2006013-04	Solid	05/30/2020 11:40	06/02/2020 13:15
5	2006013-05	Solid	05/30/2020 11:40	06/02/2020 13:15
6	2006013-06	Solid	05/30/2020 11:40	06/02/2020 13:15
7	2006013-07	Solid	05/30/2020 11:40	06/02/2020 13:15
8	2006013-08	Solid	05/30/2020 11:40	06/02/2020 13:15
9	2006013-09	Solid	05/30/2020 11:40	06/02/2020 13:15
10	2006013-10	Solid	05/30/2020 12:50	06/02/2020 13:15

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

Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 1

Laboratory Sample ID: 2006013-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**2.68**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**112**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.12**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**26.4**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**7.09**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**16.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**8.27**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**32.8**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**29.9**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**48.7**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 1

Laboratory Sample ID: 2006013-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 10:59	AY	8081A
Surrogate: Decachlorobiphenyl			*104 %*	*43-169*		3545	06/03/2020 10:59	AY	*8081A*

Analytical Results

Client Sample ID: 2

Laboratory Sample ID: 2006013-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**6.45**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**82.8**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.18**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**22.4**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**6.52**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**88.7**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**33.5**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	**0.555**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**25.1**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**26.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**89.6**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
gamma-Chlordane	**3.69**		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
alpha-Chlordane	**33.2**		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
4,4´-DDD	**13.0**		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 2

Laboratory Sample ID: 2006013-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 11:12	AY	8081A
Surrogate: Decachlorobiphenyl			*122 %*		*43-169*	3545	06/03/2020 11:12	AY	*8081A*

Analytical Results

Client Sample ID: 3

Laboratory Sample ID: 2006013-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**4.06**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**78.5**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.24**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**23.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**6.66**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**53.6**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**19.5**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**25.5**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 3

Laboratory Sample ID: 2006013-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Vanadium	**27.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**84.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
alpha-Chlordane	**7.32**		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
4,4´-DDT	**4.33**		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 11:25	AY	8081A
Surrogate: Decachlorobiphenyl			*107 %*	*43-169*		3545	06/03/2020 11:25	AY	*8081A*

Analytical Results

Client Sample ID: 4

Laboratory Sample ID: 2006013-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**5.26**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**79.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 4

Laboratory Sample ID: 2006013-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.10**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**21.6**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**5.88**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**48.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**12.8**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**22.9**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**25.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**59.4**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
alpha-Chlordane	**5.77**		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 11:38	AY	8081A
Surrogate: Decachlorobiphenyl			*96.0 %*		*43-169*	3545	06/03/2020 11:38	AY	*8081A*

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 5

Laboratory Sample ID: 2006013-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**2.87**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**52.1**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**0.897**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**17.7**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**5.41**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**49.0**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**14.9**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**19.8**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**21.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**50.4**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
alpha-Chlordane	**3.20**		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A

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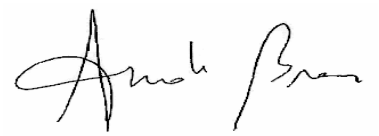

Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 5

Laboratory Sample ID: 2006013-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 11:51	AY	8081A
Surrogate: Decachlorobiphenyl			*102 %*	*43-169*		3545	06/03/2020 11:51	AY	*8081A*

Analytical Results

Client Sample ID: 6

Laboratory Sample ID: 2006013-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	**1.40**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**3.27**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**94.7**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.16**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**24.0**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**6.41**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**28.5**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**16.3**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**30.7**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**30.0**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**69.9**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
gamma-Chlordane	**2.16**		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
alpha-Chlordane	**13.5**		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
4,4´-DDD	**5.40**		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A

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Amolk Brar, Lab Manager

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 6

Laboratory Sample ID: 2006013-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 12:04	AY	8081A
Surrogate: Decachlorobiphenyl			*102 %*		*43-169*	3545	06/03/2020 12:04	AY	*8081A*

Analytical Results

Client Sample ID: 7

Laboratory Sample ID: 2006013-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**3.18**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**81.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.20**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**22.9**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**6.11**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**37.4**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**15.0**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	**0.526**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**23.8**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B

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Amolk Brar, Lab Manager

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 7

Laboratory Sample ID: 2006013-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Vanadium	**27.1**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**76.0**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
alpha-Chlordane	**10.6**		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
4,4´-DDD	**6.63**		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 12:17	AY	8081A
Surrogate: Decachlorobiphenyl			*134 %*		*43-169*	3545	06/03/2020 12:17	AY	*8081A*

Analytical Results

Client Sample ID: 8

Laboratory Sample ID: 2006013-08 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**13.1**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**60.8**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 8

Laboratory Sample ID: 2006013-08 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.06**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**18.8**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**5.37**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**102**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**24.1**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**20.8**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**22.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**60.9**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
gamma-Chlordane	**20.9**		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
alpha-Chlordane	**180**		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
4,4´-DDD	**84.1**		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
4,4´-DDT	**4.94**		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 12:30	AY	8081A
Surrogate: Decachlorobiphenyl			*117 %*	*43-169*		3545	06/03/2020 12:30	AY	*8081A*

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 9

Laboratory Sample ID: 2006013-09 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**4.51**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**66.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.02**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**20.4**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**5.65**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**61.5**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**16.7**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**21.4**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**24.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**58.3**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
gamma-Chlordane	**2.14**		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
alpha-Chlordane	**11.1**		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
4,4´-DDE	**4.29**		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 9

Laboratory Sample ID: 2006013-09 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 12:43	AY	8081A
Surrogate: Decachlorobiphenyl			*91.7 %*	*43-169*		3545	06/03/2020 12:43	AY	*8081A*

Analytical Results

Client Sample ID: 10

Laboratory Sample ID: 2006013-10 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00245		Prepared: 06/03/2020 11:40		
Mercury	ND		0.0500	mg/kg	1	7471A	06/03/2020 17:12	LVE	7471A
Total ICP Metals				Batch ID:	BF00246		Prepared: 06/03/2020 11:46		
Antimony	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Arsenic	**3.52**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Barium	**79.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cadmium	**1.22**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Chromium	**21.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Cobalt	**6.38**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Copper	**42.7**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Lead	**12.2**		0.250	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Nickel	**23.9**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Vanadium	**25.2**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Zinc	**112**		0.500	mg/kg	1	3050B	06/03/2020 18:16	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
Aldrin	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
alpha-Chlordane	**6.06**		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Analytical Results

Client Sample ID: 10

Laboratory Sample ID: 2006013-10 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00117		Prepared: 06/02/2020 15:45		
delta-BHC	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/03/2020 12:57	AY	8081A
Surrogate: Decachlorobiphenyl			*107 %*		*43-169*	3545	06/03/2020 12:57	AY	*8081A*

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Total Mercury (CVAA) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00245 - 7471A - 7471A										
Blank (BF00245-BLK1)				Prepared & Analyzed: 06/03/202						
Mercury	ND	0.0500	mg/kg							
LCS (BF00245-BS1)				Prepared & Analyzed: 06/03/202						
Mercury	0.102	0.0500	mg/kg	0.100		102	80-120			
LCS Dup (BF00245-BSD1)				Prepared & Analyzed: 06/03/202						
Mercury	0.110	0.0500	mg/kg	0.100		110	80-120	7.51	20	

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00246 - 3050B - SW846 6010B										
Blank (BF00246-BLK1)				Prepared & Analyzed: 06/03/202						
Antimony	ND	0.500	mg/kg							
Arsenic	ND	0.250	"							
Barium	ND	0.500	"							
Beryllium	ND	0.500	"							
Cadmium	ND	0.500	"							
Chromium	ND	0.500	"							
Cobalt	ND	0.500	"							
Copper	ND	0.500	"							
Lead	ND	0.250	"							
Molybdenum	ND	0.500	"							
Nickel	ND	0.500	"							
Selenium	ND	0.500	"							
Silver	ND	0.500	"							
Thallium	ND	0.500	"							
Vanadium	ND	0.500	"							
Zinc	ND	0.500	"							
LCS (BF00246-BS1)				Prepared & Analyzed: 06/03/202						
Antimony	0.982	0.0100	mg/kg	1.00		98.2	80-120			
Arsenic	0.938	0.00500	"	1.00		93.8	80-120			
Barium	1.06	0.0100	"	1.00		106	80-120			
Beryllium	1.05	0.0100	"	1.00		105	80-120			
Cadmium	0.984	0.0100	"	1.00		98.4	80-120			
Chromium	1.04	0.0100	"	1.00		104	80-120			
Cobalt	1.02	0.0100	"	1.00		102	80-120			
Copper	1.04	0.0100	"	1.00		104	80-120			
Lead	1.01	0.00500	"	1.00		101	80-120			
Molybdenum	1.01	0.0100	"	1.00		101	80-120			
Nickel	0.996	0.0100	"	1.00		99.6	80-120			
Selenium	0.922	0.0100	"	1.00		92.2	80-120			
Silver	0.965	0.0100	"	1.00		96.5	80-120			
Thallium	1.03	0.0100	"	1.00		103	80-120			
Vanadium	1.05	0.0100	"	1.00		105	80-120			
Zinc	0.951	0.0100	"	1.00		95.1	80-120			

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

Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00246 - 3050B - SW846 6010B										
LCS Dup (BF00246-BSD1)				Prepared & Analyzed: 06/03/202						
Antimony	0.957	0.0100	mg/kg	1.00		95.7	80-120	2.61	20	
Arsenic	0.948	0.00500	"	1.00		94.8	80-120	1.07	20	
Barium	1.05	0.0100	"	1.00		105	80-120	0.668	20	
Beryllium	1.04	0.0100	"	1.00		104	80-120	0.204	20	
Cadmium	0.998	0.0100	"	1.00		99.8	80-120	1.33	20	
Chromium	1.04	0.0100	"	1.00		104	80-120	0.222	20	
Cobalt	1.03	0.0100	"	1.00		103	80-120	0.847	20	
Copper	1.04	0.0100	"	1.00		104	80-120	0.0798	20	
Lead	1.02	0.00500	"	1.00		102	80-120	1.22	20	
Molybdenum	1.01	0.0100	"	1.00		101	80-120	0.452	20	
Nickel	1.00	0.0100	"	1.00		100	80-120	0.853	20	
Selenium	0.936	0.0100	"	1.00		93.6	80-120	1.48	20	
Silver	0.945	0.0100	"	1.00		94.5	80-120	2.05	20	
Thallium	1.05	0.0100	"	1.00		105	80-120	1.86	20	
Vanadium	1.05	0.0100	"	1.00		105	80-120	0.00190	20	
Zinc	0.963	0.0100	"	1.00		96.3	80-120	1.22	20	

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00117 - 3545 - 8081A										
Blank (BF00117-BLK1)				Prepared: 06/02/202 Analyzed: 06/03/202						
Aldrin	ND	2.00	ug/kg							
alpha-BHC	ND	2.00	"							
beta-BHC	ND	2.00	"							
gamma-Chlordane	ND	2.00	"							
alpha-Chlordane	ND	2.00	"							
4,4´-DDD	ND	4.00	"							
4,4´-DDE	ND	4.00	"							
4,4´-DDT	ND	4.00	"							
delta-BHC	ND	2.00	"							
Dieldrin	ND	4.00	"							
Endosulfan I	ND	2.00	"							
Endosulfan II	ND	4.00	"							
Endosulfan sulfate	ND	4.00	"							
Endrin	ND	4.00	"							
Endrin aldehyde	ND	4.00	"							
Endrin ketone	ND	4.00	"							
gamma-BHC, Lindane	ND	2.00	"							
Heptachlor	ND	2.00	"							
Heptachlor Epoxide	ND	2.00	"							
Methoxychlor	ND	4.00	"							
Toxaphene	ND	170	"							
Chlordane (total)	ND	100	"							
Surrogate: Decachlorobiphenyl	*18.2*		*"*	*16.7*		*109*	*43-169*			
LCS (BF00117-BS1)				Prepared: 06/02/202 Analyzed: 06/03/202						
Aldrin	14.4	2.00	ug/kg	16.7		86.5	42-122			
4,4´-DDT	17.0	4.00	"	16.7		102	25-160			
Dieldrin	16.0	4.00	"	16.7		96.0	36-146			
Endrin	15.5	4.00	"	16.7		93.2	30-147			
gamma-BHC, Lindane	16.7	2.00	"	16.7		100	32-127			
Heptachlor	15.8	2.00	"	16.7		94.8	34-111			
Surrogate: Decachlorobiphenyl	*19.4*		*"*	*16.7*		*117*	*43-169*			

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

Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00117 - 3545 - 8081A										
LCS Dup (BF00117-BSD1)				Prepared: 06/02/202 Analyzed: 06/03/202						
Aldrin	15.6	2.00	ug/kg	16.7		93.4	42-122	7.62	30	
4,4´-DDT	16.1	4.00	"	16.7		96.4	25-160	5.53	30	
Dieldrin	16.8	4.00	"	16.7		101	36-146	4.62	30	
Endrin	16.4	4.00	"	16.7		98.6	30-147	5.69	30	
gamma-BHC, Lindane	18.1	2.00	"	16.7		109	32-127	7.92	30	
Heptachlor	17.5	2.00	"	16.7		105	34-111	10.4	30	
Surrogate: Decachlorobiphenyl	*19.0*		*"*	*16.7*		*114*	*43-169*			

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

Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006013
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/09/2020 16:38

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Date of Report: 06/11/2020

Molky Brar

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Client Project:	2006013
BCL Project:	Solid
BCL Work Order:	2015962
Invoice ID:	B382574

Enclosed are the results of analyses for samples received by the laboratory on 6/3/2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Sandoval
Client Service Rep

Stuart Buttram
Technical Director

Table of Contents

Chain of Custody and Cooler Receipt Form for 2015962 Page 1 of 3

SUBCONTRACT ORDER

American Scientific Laboratories

20-15962 **2006013**

SENDING LABORATORY:

American Scientific Laboratories
2520 N San Fernando Road
Los Angeles, CA 90065
Phone: (323) 223-9700
Fax: (323) 223-9500
Project Manager: Amolk Brar

RECEIVING LABORATORY:

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308
Phone :(661) 327-4911
Fax:

Analysis	Due	Expires	Laboratory ID	Comments
-1 **Sample ID: 2006013-01**	**Solid**	**Sampled:05/30/2020 11:40**		Standard TAT
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		Total- 10 samples
Containers Supplied: 4 oz- Glass Jar				
-2 **Sample ID: 2006013-02**	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied: 4 oz- Glass Jar				
-3 **Sample ID: 2006013-03**	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied: 4 oz- Glass Jar				
-4 **Sample ID: 2006013-04**	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied: 4 oz. Glass Jar				
-5 **Sample ID: 2006013-05**	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied: 4 oz. Glass Jar				
-6 **Sample ID: 2006013-06**	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied: 4 oz. Glass Jar				

CHK BY MM DISTRIBUTION SV SUB OUT ☐

Released By	Date	Received By	Date
		6-3-20 950	
Released By	Date	Received By	Date

Page 1 of 2

Chain of Custody and Cooler Receipt Form for 2015962 Page 2 of 3

SUBCONTRACT ORDER

American Scientific Laboratories

20-15962 **2006013**

Analysis	Due	Expires	Laboratory ID	Comments
-7				
Sample ID: 2006013-07	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied:				
4 oz. Glass Jar				
-8				
Sample ID: 2006013-08	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied:				
4 oz. Glass Jar				
-9				
Sample ID: 2006013-09	**Solid**	**Sampled:05/30/2020 11:40**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 11:40		
Containers Supplied:				
4 oz. Glass Jar				
-10				
Sample ID: 2006013-10	**Solid**	**Sampled:05/30/2020 12:50**		
8151A Herbicides	06/09/2020 16:00	06/13/2020 12:50		
Containers Supplied:				
4 oz Glass Jar				

Released By	Date	Received By	Date
		10320 950	
Released By	Date	Received By	Date

Page 2 of 2

Chain of Custody and Cooler Receipt Form for 2015962 Page 3 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 1

Submission #: 2015962

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☐ Other ☒ (Specify) GLS	Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify)_____	YES ☐ NO ☐ W / S

Refrigerant: Ice ☐ Blue Ice ☒ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .97 Container: glass Thermometer ID: 274 Date/Time 6-3-2020 1125

Temperature: (A) 4.2 °C / (C) 4.2 °C Analyst Init TKJ

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
~~8oz / 16oz / 32oz~~ JAR 402	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: CMZ Date/Time: 6/3/20 1125

A = Actual / C = Corrected

Rev 21 05/23/2016

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2015962-01	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-01	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-02	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-02	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-03	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-03	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-04	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-04	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-05	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-05	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-06	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-06	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-07	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-07	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2015962-08	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-08	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-09	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-09	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2015962-10	**COC Number:**	---	**Receive Date:**	06/03/2020 09:50
	Project Number:	---	**Sampling Date:**	05/30/2020 12:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2006013-10	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-01 | **Client Sample Name:** 2006013-01, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	31.0	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 15:19	OLH	GC-8	1.017	B079518	EPA 3550B

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-02 | **Client Sample Name:** 2006013-02, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.039	0.0058	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.077	0.013	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.097	0.013	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0039	0.0011	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.039	0.0072	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.014	0.0039	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0058	0.0021	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0058	0.0014	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	28.5	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 15:40	OLH	GC-8	1.935	B079518	EPA 3550B

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-03 | **Client Sample Name:** 2006013-03, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	17.8	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 16:01	OLH	GC-8	1.003	B079518	EPA 3550B

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-04 | **Client Sample Name:** 2006013-04, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	12.0	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 16:22	OLH	GC-8	1.010	B079518	EPA 3550B

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-05 | **Client Sample Name:** 2006013-05, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	10.2	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 16:42	OLH	GC-8	1.014	B079518	EPA 3550B

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-06 | **Client Sample Name:** 2006013-06, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	14.3	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 19:09	OLH	GC-8	0.990	B079518	EPA 3550B

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2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-07 | **Client Sample Name:** 2006013-07, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	15.5	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 19:29	OLH	GC-8	1.003	B079518	EPA 3550B

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Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-08 | **Client Sample Name:** 2006013-08, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	13.7	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 19:50	OLH	GC-8	0.987	B079518	EPA 3550B

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-09 | **Client Sample Name:** 2006013-09, 5/30/2020 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	18.2	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 20:11	OLH	GC-8	0.987	B079518	EPA 3550B

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2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2015962-10 | **Client Sample Name:** 2006013-10, 5/30/2020 12:50:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	19.5	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	06/04/20 10:00	06/05/20 20:32	OLH	GC-8	1.017	B079518	EPA 3550B

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2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B079518						
2,4-D	B079518-BLK1	ND	mg/kg	0.020	0.0030	
2,4-DB	B079518-BLK1	ND	mg/kg	0.040	0.0067	
Dalapon	B079518-BLK1	ND	mg/kg	0.050	0.0068	
Dicamba	B079518-BLK1	ND	mg/kg	0.0020	0.00057	
Dichloroprop	B079518-BLK1	ND	mg/kg	0.020	0.0037	
Dinoseb	B079518-BLK1	ND	mg/kg	0.0070	0.0020	
2,4,5-T	B079518-BLK1	ND	mg/kg	0.0030	0.0011	
2,4,5-TP (Silvex)	B079518-BLK1	ND	mg/kg	0.0030	0.00073	
2,4-Dichlorophenylacetic acid (Surrogate)	**B079518-BLK1**	**78.5**	%	**40 - 120 (LCL - UCL)**		

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Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B079518										
2,4-D	B079518-BS1	LCS	0.069900	0.080268	mg/kg	87.1		50 - 120		
2,4-DB	B079518-BS1	LCS	0.17793	0.18060	mg/kg	98.5		50 - 120		
Dicamba	B079518-BS1	LCS	0.017391	0.020067	mg/kg	86.7		50 - 120		
Dichloroprop	B079518-BS1	LCS	0.068227	0.080268	mg/kg	85.0		50 - 120		
Dinoseb	B079518-BS1	LCS	0.033445	0.040134	mg/kg	83.3		50 - 120		
2,4,5-T	B079518-BS1	LCS	0.019398	0.020067	mg/kg	96.7		30 - 120		
2,4,5-TP (Silvex)	B079518-BS1	LCS	0.017391	0.020067	mg/kg	86.7		50 - 120		
2,4-Dichlorophenylacetic acid (Surrogate)	B079518-BS1	LCS	0.10569	0.13378	mg/kg	79.0		40 - 120		

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Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B079518	Used client sample: N										
2,4-D	MS	2013596-71	ND	0.073443	0.078689	mg/kg		93.3		40 - 120	
	MSD	2013596-71	ND	0.076949	0.081356	mg/kg	4.7	94.6	30	40 - 120	
2,4-DB	MS	2013596-71	ND	0.16852	0.17705	mg/kg		95.2		50 - 120	
	MSD	2013596-71	ND	0.14576	0.18305	mg/kg	14.5	79.6	30	50 - 120	
Dicamba	MS	2013596-71	ND	0.018361	0.019672	mg/kg		93.3		50 - 120	
	MSD	2013596-71	ND	0.020000	0.020339	mg/kg	8.5	98.3	30	50 - 120	
Dichloroprop	MS	2013596-71	ND	0.071148	0.078689	mg/kg		90.4		40 - 120	
	MSD	2013596-71	ND	0.075932	0.081356	mg/kg	6.5	93.3	30	40 - 120	
Dinoseb	MS	2013596-71	ND	0.034754	0.039344	mg/kg		88.3		40 - 130	
	MSD	2013596-71	ND	0.036949	0.040678	mg/kg	6.1	90.8	30	40 - 130	
2,4,5-T	MS	2013596-71	ND	0.019672	0.019672	mg/kg		100		30 - 120	
	MSD	2013596-71	ND	0.021017	0.020339	mg/kg	6.6	103	30	30 - 120	
2,4,5-TP (Silvex)	MS	2013596-71	ND	0.018361	0.019672	mg/kg		93.3		40 - 120	
	MSD	2013596-71	ND	0.019661	0.020339	mg/kg	6.8	96.7	30	40 - 120	
2,4-Dichlorophenylacetic acid (Surrogate	MS	2013596-71	ND	0.10918	0.13115	mg/kg		83.2		40 - 120	
	MSD	2013596-71	ND	0.11017	0.13559	mg/kg	0.9	81.3		40 - 120	

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Los Angeles, CA 90065

Reported: 06/11/2020 10:35
Project: Solid
Project Number: 2006013
Project Manager: Molky Brar

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.

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

30 June 2020

David Johannes

Certified Enviro. Consultants, Inc.

1206 Harris Ave

Camarillo, CA 93010

Work Order #: 2006149

Project Name: 99PATT2

Project ID: 20-2160

Site Address:

Enclosed are the results of analyses for samples received by the laboratory on June 23, 2020. If you have any questions concerning this report, please feel free to contact us.

Rojert G. Araghi

Laboratory Director

CEC

Certified Environmental Consultants, Inc.
1206 Harris Avenue
Camarillo, CA 93010
Telephone: 805-388-8970
E-Mail: cecdj@aol.com

Chain of Custody

ASL JOB # 2006149

Project Number: 20-2160 | Project Name: 99PATT2
Project Manager: DAVID JOHANNES
Client Name: TCG

Lab. I.D. # (Lab. use only)	Sample Description (As it should appear on analytical report)	Date Sampled	Time Sampled	Sample Matrix	Containers (# and type)	ORGANOCHLOR. PESTS. (8081A)	TITLE 22 METALS (6010B)	HOLD
2006149-01	B-1	6/19/20	13:00	SOIL	(1) TUBE	X	X	
	B-2							X
2006149-02	B-3					X	X	
	B-4							X
2006149-03	B-5		13:55			X	X	

Turn-around time:
__ 24-Hour RUSH
__ 48-Hour RUSH
X Normal TAT

Remarks/ Special Instructions

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
David Johannes	6/23/20	10:55			
Received by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
	6.23.20	1055			
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the above-specified analyses.			Relinquished by:	Date	Time
			Received by:	Date	Time

Sample Delivery Conditions:
Samples chilled? ✓ Yes __ No
Custody seals? __ Yes ✓ No
All sample containers intact? ✓ Yes __ No
By: __ Courier __ UPS/Fed Ex ✓ Hand carried

Sample Disposal:
__ Client will pick up
__ Return to client
X Lab disposal

Laboratory Notes:

COC.frm

Job# 2006149

ASL Sample Receipt Form

Client: Certified Envirn. Consultants, Inc.

Date: 6.23.2020

Sample Information:

Temperature: 5.2 °C ☐ Blank ☒ Sample

Custody Seal: ☐ Yes ☒ No ☐ Not Available

Received Within Holding Time: ☒ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☐ Yes ☐ No

Soil: __☐ 4oz __☐ 8oz __☒ Sleeve __☐ VOA

Water: __☐500AG __☐1AG __☐125PB __☐250PB __☐500PB __☐VOA __☐Other _____

Air: __☐ Tedlar®

Sample Containers Intact: ☒ Yes ☐ No

Trip Blank ☐ Yes ☒ No

Chain-of-Custody (COC):

Received: ☒ Yes ☐ No

Samplers Name: ☒ Yes ☐ No

Container Labels match COC: ☒ Yes ☐ No

COC documents received complete: ☒ Yes ☐ No

Proper Preservation Noted: ☒ Yes ☐ No

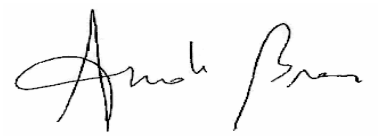
Completed By: Janet Chin

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
8-1	2006149-01	Solid	06/19/2020 13:00	06/23/2020 10:55
8-3	2006149-02	Solid	06/19/2020 13:00	06/23/2020 10:55
8-5	2006149-03	Solid	06/19/2020 13:55	06/23/2020 10:55



Amolk Brar, Lab Manager

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

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Analytical Results

Client Sample ID: 8-1

Laboratory Sample ID: 2006149-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00789		Prepared: 06/24/2020 11:36		
Mercury	ND		0.0500	mg/kg	1	7471A	06/25/2020 10:40	LVE	7471A
Total ICP Metals				Batch ID:	BF00791		Prepared: 06/24/2020 10:42		
Antimony	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Arsenic	**4.08**		0.250	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Barium	**96.7**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Cadmium	**1.06**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Chromium	**22.0**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Cobalt	**6.61**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Copper	**23.8**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Lead	**6.68**		0.250	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Nickel	**26.3**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Vanadium	**25.6**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Zinc	**32.4**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00513		Prepared: 06/23/2020 14:21		
Aldrin	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A

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Amolk Brar, Lab Manager

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

Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Analytical Results

Client Sample ID: 8-1

Laboratory Sample ID: 2006149-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00513		Prepared: 06/23/2020 14:21		
Methoxychlor	ND		4.00	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/23/2020 14:31	AY	8081A
Surrogate: Decachlorobiphenyl			*102 %*	*43-169*		3545	06/23/2020 14:31	AY	*8081A*

Analytical Results

Client Sample ID: 8-3

Laboratory Sample ID: 2006149-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00789		Prepared: 06/24/2020 11:36		
Mercury	ND		0.0500	mg/kg	1	7471A	06/25/2020 10:40	LVE	7471A
Total ICP Metals				Batch ID:	BF00791		Prepared: 06/24/2020 10:42		
Antimony	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Arsenic	**3.15**		0.250	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Barium	**97.9**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Cadmium	**1.10**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Chromium	**23.7**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Cobalt	**7.06**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Copper	**13.0**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Lead	**4.73**		0.250	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Nickel	**28.9**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Vanadium	**27.6**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Zinc	**29.1**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00513		Prepared: 06/23/2020 14:21		
Aldrin	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Analytical Results

Client Sample ID: 8-3

Laboratory Sample ID: 2006149-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BF00513		Prepared: 06/23/2020 14:21		
delta-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/23/2020 14:44	AY	8081A
Surrogate: Decachlorobiphenyl			*88.8 %*		*43-169*	3545	06/23/2020 14:44	AY	*8081A*

Analytical Results

Client Sample ID: 8-5

Laboratory Sample ID: 2006149-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BF00789		Prepared: 06/24/2020 11:36		
Mercury	ND		0.0500	mg/kg	1	7471A	06/25/2020 10:40	LVE	7471A
Total ICP Metals				Batch ID:	BF00791		Prepared: 06/24/2020 10:42		
Antimony	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Arsenic	**4.79**		0.250	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Barium	**88.7**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Cadmium	**1.16**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Chromium	**22.7**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Cobalt	**6.63**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Copper	**37.0**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Lead	**9.36**		0.250	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Nickel	**27.3**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Analytical Results

Client Sample ID: 8-5

Laboratory Sample ID: 2006149-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID:	BF00791		Prepared: 06/24/2020 10:42		
Vanadium	**26.8**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Zinc	**42.3**		0.500	mg/kg	1	3050B	06/24/2020 19:09	LVE	SW846 6010B
Organochlorine Pesticides				Batch ID:	BF00513		Prepared: 06/23/2020 14:21		
Aldrin	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
alpha-Chlordane	**5.24**		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
4,4´-DDT	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	06/23/2020 14:57	AY	8081A
Surrogate: Decachlorobiphenyl			*83.8 %*		*43-169*	3545	06/23/2020 14:57	AY	*8081A*

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Total Mercury (CVAA) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00789 - 7471A - 7471A										
Blank (BF00789-BLK1)				Prepared: 06/24/202 Analyzed: 06/25/202						
Mercury	ND	0.0500	mg/kg							
LCS (BF00789-BS1)				Prepared: 06/24/202 Analyzed: 06/25/202						
Mercury	0.0938	0.0500	mg/kg	0.100		93.8	80-120			
LCS Dup (BF00789-BSD1)				Prepared: 06/24/202 Analyzed: 06/25/202						
Mercury	0.0954	0.0500	mg/kg	0.100		95.4	80-120	1.69	20	

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00791 - 3050B - SW846 6010B										
Blank (BF00791-BLK1)				Prepared & Analyzed: 06/24/202						
Antimony	ND	0.500	mg/kg							
Arsenic	ND	0.250	"							
Barium	ND	0.500	"							
Beryllium	ND	0.500	"							
Cadmium	ND	0.500	"							
Chromium	ND	0.500	"							
Cobalt	ND	0.500	"							
Copper	ND	0.500	"							
Lead	ND	0.250	"							
Molybdenum	ND	0.500	"							
Nickel	ND	0.500	"							
Selenium	ND	0.500	"							
Silver	ND	0.500	"							
Thallium	ND	0.500	"							
Vanadium	ND	0.500	"							
Zinc	ND	0.500	"							
LCS (BF00791-BS1)				Prepared & Analyzed: 06/24/202						
Antimony	0.942	0.0100	mg/kg	1.00		94.2	80-120			
Arsenic	0.980	0.00500	"	1.00		98.0	80-120			
Barium	0.965	0.0100	"	1.00		96.5	80-120			
Beryllium	1.03	0.0100	"	1.00		103	80-120			
Cadmium	0.994	0.0100	"	1.00		99.4	80-120			
Chromium	0.975	0.0100	"	1.00		97.5	80-120			
Cobalt	0.993	0.0100	"	1.00		99.3	80-120			
Copper	1.01	0.0100	"	1.00		101	80-120			
Lead	1.00	0.00500	"	1.00		100	80-120			
Molybdenum	0.952	0.0100	"	1.00		95.2	80-120			
Nickel	0.983	0.0100	"	1.00		98.3	80-120			
Selenium	0.966	0.0100	"	1.00		96.6	80-120			
Silver	0.983	0.0100	"	1.00		98.3	80-120			
Thallium	1.01	0.0100	"	1.00		101	80-120			
Vanadium	0.970	0.0100	"	1.00		97.0	80-120			
Zinc	0.947	0.0100	"	1.00		94.7	80-120			

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1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00791 - 3050B - SW846 6010B										
LCS Dup (BF00791-BSD1)				Prepared & Analyzed: 06/24/202						
Antimony	0.943	0.0100	mg/kg	1.00		94.3	80-120	0.0591	20	
Arsenic	0.962	0.00500	"	1.00		96.2	80-120	1.79	20	
Barium	0.944	0.0100	"	1.00		94.4	80-120	2.19	20	
Beryllium	1.02	0.0100	"	1.00		102	80-120	1.46	20	
Cadmium	0.977	0.0100	"	1.00		97.7	80-120	1.69	20	
Chromium	0.959	0.0100	"	1.00		95.9	80-120	1.67	20	
Cobalt	0.973	0.0100	"	1.00		97.3	80-120	1.98	20	
Copper	0.990	0.0100	"	1.00		99.0	80-120	1.52	20	
Lead	0.984	0.00500	"	1.00		98.4	80-120	1.81	20	
Molybdenum	0.937	0.0100	"	1.00		93.7	80-120	1.65	20	
Nickel	0.964	0.0100	"	1.00		96.4	80-120	1.90	20	
Selenium	0.957	0.0100	"	1.00		95.7	80-120	0.916	20	
Silver	1.01	0.0100	"	1.00		101	80-120	2.28	20	
Thallium	0.990	0.0100	"	1.00		99.0	80-120	2.43	20	
Vanadium	0.955	0.0100	"	1.00		95.5	80-120	1.58	20	
Zinc	0.932	0.0100	"	1.00		93.2	80-120	1.56	20	

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00513 - 3545 - 8081A										
Blank (BF00513-BLK1)				Prepared & Analyzed: 06/23/202						
Aldrin	ND	2.00	ug/kg							
alpha-BHC	ND	2.00	"							
beta-BHC	ND	2.00	"							
gamma-Chlordane	ND	2.00	"							
alpha-Chlordane	ND	2.00	"							
4,4´-DDD	ND	4.00	"							
4,4´-DDE	ND	4.00	"							
4,4´-DDT	ND	4.00	"							
delta-BHC	ND	2.00	"							
Dieldrin	ND	4.00	"							
Endosulfan I	ND	2.00	"							
Endosulfan II	ND	4.00	"							
Endosulfan sulfate	ND	4.00	"							
Endrin	ND	4.00	"							
Endrin aldehyde	ND	4.00	"							
Endrin ketone	ND	4.00	"							
gamma-BHC, Lindane	ND	2.00	"							
Heptachlor	ND	2.00	"							
Heptachlor Epoxide	ND	2.00	"							
Methoxychlor	ND	4.00	"							
Toxaphene	ND	170	"							
Chlordane (total)	ND	100	"							
Surrogate: Decachlorobiphenyl	*18.1*		*"*	*16.7*		*109*	*43-169*			
LCS (BF00513-BS1)				Prepared & Analyzed: 06/23/202						
Aldrin	15.7	2.00	ug/kg	16.7		94.4	42-122			
4,4´-DDT	16.7	4.00	"	16.7		99.9	25-160			
Dieldrin	15.8	4.00	"	16.7		95.0	36-146			
Endrin	15.1	4.00	"	16.7		90.7	30-147			
gamma-BHC, Lindane	16.8	2.00	"	16.7		101	32-127			
Heptachlor	15.2	2.00	"	16.7		90.9	34-111			
Surrogate: Decachlorobiphenyl	*18.2*		*"*	*16.7*		*109*	*43-169*			

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BF00513 - 3545 - 8081A										
LCS Dup (BF00513-BSD1)				Prepared & Analyzed: 06/23/202						
Aldrin	17.2	2.00	ug/kg	16.7		103	42-122	8.81	30	
4,4´-DDT	15.1	4.00	"	16.7		90.6	25-160	9.78	30	
Dieldrin	16.5	4.00	"	16.7		98.7	36-146	3.87	30	
Endrin	15.3	4.00	"	16.7		91.6	30-147	0.983	30	
gamma-BHC, Lindane	20.9	2.00	"	16.7		125	32-127	22.0	30	
Heptachlor	16.9	2.00	"	16.7		101	34-111	10.7	30	
Surrogate: Decachlorobiphenyl	*18.5*		*"*	*16.7*		*111*	*43-169*			

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

Amolk Brar, Lab Manager

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Certified Enviro. Consultants, Inc.	Project: 99PATT2	Work Order No: 2006149
1206 Harris Ave	Project Number: 20-2160	**Reported:**
Camarillo CA, 93010	Project Manager: David Johannes	06/30/2020 14:28

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference