



November 21, 2024

Ms. Isabel Ronda

Relevant Group

6417 Selma Avenue, 2nd Floor
Los Angeles, Ca 90028

Re: Limited Phase II Environmental Site Assessment (ESA) Ranch Project being an approximately 86-acre property, on the Southwest Corner of Avenue 52 and Van Buren Street in Coachella, California.

Dear Ms. Ronda:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "Consultant") is pleased to submit this Limited Phase II ESA to Relevant Group ("Client") for the Ranch Project as defined by Assessor Parcel Numbers (APN's) 780-040-001, 780-040-003, 780-060-002, and 780-060-001 herein referenced as the Subject Property. The Subject Property consists of approximately 86-acre on the Southwest corner of Avenue 52 and Van Buren Street in Coachella, CA, California.

The intent of this limited Phase II (ESA) on the Subject Property is to determine the absence/presence of hazardous and petroleum materials in concentrations of concern.

1.0 Background:

1.1 An ASTM E-1527-13 Phase I ESA was completed for the Ranch Project by Sladden Engineering in June 2024. Based on the recommendations of the Phase I ESA, Kimley-Horn's proposed a Limited Phase II ESA to address the Recognized Environmental Concern (REC) identified within the Phase I ESA, which included the following:

REC 1: "Previous and ongoing farming/agricultural use of the subject property along with the previous environmental reports identify the presence of DDE, DDT and other hydrocarbon, we recommend that a Phase 2 shallow soil sampling laboratory testing program be performed."

1.2 Additionally, a historical memorandum dated June 26, 2008, indicated a Phase I ESA and Phase II ESA were completed by Moore Twinning in 2008 with results indicating the following:

- **Summary 1:** "General areas of the site were assessed for environmental persistent chemicals (OCPs and arsenic). The results revealed detectable concentrations of DDE and DDT in the near surface soil and attenuated with depth to two deep below ground surface (bgs). However, the environmental concerns associated with these are low and are below regulatory threshold".

- **Summary 2:** “However, near the existing metal shed and in the vicinity of the residence of the site the results from the soil sample indicated concentrations of the OCPs, DDE & DDT, which exceed the regulatory levels. {any soils on the site with high concentration will need to be removed offsite as a hazardous material}”

Kimley-Horn was not able to discern which regulatory threshold the above-mentioned results were compared to and note that changes in thresholds have occurred since 2008 for the low detections of OCPs.

2.0 Scope Rationale:

2.1 To address the REC identified within the Sladden Phase I ESA and Summary 1 from the Moore Twinning Phase IIs, Kimley-Horn completed soil sampling within the active agricultural fields following DTSC and CalEPA’s *Interim Guidance for Sampling Agricultural Properties (Interim Guidance)*.

2.2 Based on Section 3.3 of the *Interim Guidance* where two crops were grown on the site, only discrete samples from within the same crop area may be composited. Since both date palms and grapes have been grown on the property, two distinct site areas were sampled following the *Interim Guidance* defined as Area 1 and Area 2. Areas 1 and 2 are defined by the agricultural field sampling within Sections 3.0 and 4.0 below and depicted in **Figure 1, Subject Property Plan and Boring Location Map**.

- Area 1 is defined as the date grove (TBX) borings within the approximately 50-acre date grove.
- Area 2 is defined as the grape vines (GPX) boring within the approximately 26-acre grape vineyard.

2.3 To address Summary 2 and potential exceedances of DDE and DDT, which were reported in 2008, Kimley-Horn completed three soil samples (RX). Laboratory sampling procedures are described in Section III, Soil Sampling Investigation.

3.0 Soil Sampling Investigation

3.1 Agricultural Field Sampling: The *Interim Guidance* assumes a relatively even distribution of chemicals across an agricultural field of a property, and recommends compositing discrete samples to allow for increased sampling coverage for the Subject Property. Composite surface samples are made up of a maximum of four discrete surface samples from adjacent sampling locations. Analysis of the composite samples is determined by the following Sections of the *Interim Guidance*:

- Section 3.1.1 states “Based on data from former agricultural properties over the past seven years, the only pesticide class requiring analyses at agricultural properties are OCPs”

- Section 3.1.2 states “Based on data from former agricultural properties, the only heavy metal required for routine analyses for these properties is arsenic”

3.2 Area 1: Only July 6, 2024, a total of 64 discrete soil samples were completed based on gridded sampling plan to a depth of 1-foot below ground surface (bgs). The borings were completed using a hand auger and samples were collected from 0.5-1.0-feet bgs with similar volume. The 64 discrete samples were composited into 16 samples as describe in Section 3.4. The location of the discrete and composited samples is illustrated in **Figure 1, Subject Property Plan and Boring Location Map**.

3.3 Area 2: Additionally on July 6, 2024, a total of 36 discrete soil samples were completed based on gridded sampling plan to a depth of 1-foot bgs. The borings were completed using a hand auger and samples were collected from 0.5-1.0-feet bgs with similar volume. The 36 discrete samples were composited into 9 samples as describe in Section 3.4.

3.4 Upon completion of the four discrete samples within one grid area, the samples were homogenized and one discrete sample collected and placed within a laboratory provided container. Additionally, one sample was completed for arsenic analysis co-located with one of the discrete pesticide samples based on the sampling events described in Section 3.2 and 3.3.

3.5 The soil samples were placed in a cooler and delivered to a state-certified laboratory under chain-of-custody protocol.

3.6 Residential Sampling: Only July 6, 2024, a total of three (3) discrete soil samples were completed to a depth of 1-foot below ground surface (bgs). The borings were completed using a hand auger and samples were collected from 0.5-1.0-feet bgs with similar volume. Samples for total petroleum hydrocarbon (TPH) analyses were collected using Terra Core® samplers. Soil for additional analyses were collected in laboratory supplied jars from the sampler. Locations are defined below:

- One sample was completed in the vicinity of a metal shed; however, it is unknown if the same shed identified within the 2008 analysis (R1)
- One sample adjacent to onsite well and fertilizer tote (R2).
- One sample was completed south of the residential structure (R3).

3.7 The location of the discrete samples surrounding the residence is illustrated in **Figure 1, Subject Property Plan and Boring Location Map**.

3.8 Based on the results discussed in Section 4 – Soil Sampling Results, exceedances were identified within two of the three samples. Kimley-Horn remobilized on September 6, 2024, to complete samples surrounding the initial boring to a depth of 3-feet bgs. **Figure 2, R2 Step-out Sampling Locations and Results** and **Figure 3, R3 Step-out Sampling Locations and Results** depicts where the step out locations were completed surrounding the soil borings. Details pertaining to the results are reported in Section 4- Soil Sampling Results.

4.0 Laboratory Analysis

4.1 Agricultural Field Sampling Analysis: The soil samples completed within the agricultural fields were analyzed for the following:

- California Title 22 metals by EPA Method 6010 analyzed by arsenic only.
- Pesticides by EPA Method 8081.

4.2 Residential Sampling Analysis: Samples near the residential structures were analyzed for the following:

- Pesticides by EPA Method 8081.
- California Title 22 metals by EPA Method 6010 analyzed by arsenic only.
- Total petroleum hydrocarbons as gasoline range organics (TPH-GRO), diesel range organics (TPH-DRO), and oil range organics (TPH-ORO) by EPA Method 8015.

The above analytical parameter list is consistent with the constituents of concern potentially present at the site based on the past operations identified during completion of the Phase I ESA.

5.0 Soil Sampling Results

5.1 Field Observations: No staining, odors were observed in the samples that would indicate the presence of contaminants.

5.2 Laboratory Results: The analytical results for soil are summarized in Tables 1, 2, 3 and 4. The laboratory analysis reports are included in Attachment A. Key results from the July 2024 sampling are summarized below.

Sample ID	Maximum Detection (mg/kg)								
	4,4'-DDD	4,4'-DDE	4,4'-DDT	Chlordane	Dieldrin	Arsenic	TPH-G ⁽⁵⁾	TPH-D ⁽⁵⁾	TPH-ORO ⁽⁵⁾
TB ⁽¹⁾	0.00069	0.066	0.0021	0.049	0.0010	2.9	--	--	--
	TB1-1	TB12-1	TB16-1	TB1-1	TB1-1	TB8-1	--	--	--
GB ⁽²⁾	ND	0.110	0.0170	ND	ND	4.30	--	--	--
	--	GB7-1	GB7-1	--	--	GB5-1	--	--	--
Res [R]	0.07000	2.40	0.20	ND	0.096	3.8	ND	44	870
	R3-1	R2-1	R1-1	--	R3-1	R1-1	--	R2-1	R2-1
SFRWQCB ESL⁽³⁾ (mg/kg)	2.7	1.83	1.89	0.48	0.037	11⁽⁴⁾	430	255	12,000

(1) TB - Borings completed within Date Groves. Only crop included was young and mature date palms.

(2) GB - Borings completed within the Grape Vineyard. Only crop included was differing varieties of grapes.

(3) Screening limit is the San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) for direct exposure to human health assuming a residential risk scenario.

(4) The SFRWQCB ESL for arsenic for residential exposure scenario is 0.067 mg/kg, 0.31 mg/kg for commercial/industrial, and 2.03 mg/kg for construction work scenario; however, the screening level listed is the regional background concentration of arsenic (Duverge, 2011), accepted by the SFRWQCB.

(5) Total Petroleum Hydrocarbons - Gasoline Range inclusive of C4-C12 (TPH-G); - Diesel Range inclusive of C12-C22 (TPH-D); and Oil Range inclusive of C23-C32 (TPH-O).

5.2.1 No exceedances of pesticides or arsenic were identified in Area 1 or Area 2 of the agricultural field sampling.

- 5.2.2 No exceedances of pesticides, arsenic or TPH were identified in the residential soil sampling except for the following described in Section 5.2.3 and 5.2.4.
- 5.2.3 One exceedance of 4,4-DDE was detected in sample R2-1 adjacent to the water well and fertilizer storage area in the July 6, 2024, sampling event with the detection of 2.40 mg/kg. Three step-out borings were completed on September 6, 2024, as depicted in **Figure 2, R2-Step-out Sampling Locations and Results**. Additionally, a confirmation sample was completed at 1-ft and 2-ft bgs at the original location, which were below a residential standard. Each step-out sample was below the residential screening level.
- 5.2.4 One exceedance of Dieldrin was detected in sample R3-1 adjacent to the former residence from the July 6, 2024, sampling event with the detection of 0.096 mg/kg. Four step-out and a replicate from the initial borings were completed on September 6, 2024, surrounding the original boring to a depth of 3-feet bgs. See **Figure 3, R3-Step-out Sampling Locations and Results** with the following results:
- Initial boring:
 - R3-1: 0.096 mg/kg
 - R3B-1: 0.039 mg/kg
 - R3B-2: 0.016 mg/kg
 - Step outs:
 - North
 - R3N-1: 0.091 mg/kg
 - R3N-2: 0.016 mg/kg
 - South
 - R3S-1: 0.026 mg/kg
 - East
 - R3E-1: 0.10 mg/kg
 - R3E-2: 0.073 mg/kg
 - R3E-3: 0.042 mg/kg
 - West
 - R3W-1: 0.042 mg/kg
 - R3W-2: 0.0075 mg/kg

6.0 Conclusions

6.1 Agricultural Field Sampling: The laboratory analytical results do not indicate evidence for significant release(s) associated with the historical agricultural operations conducted at the Subject Property based on the REC identified within the Sladden Phase I ESA. The detected levels of pesticides are below the California Regional Water Quality Control Board (RWQCB)-San Francisco Region Environmental Screening Levels (ESLs) for residential soil and for the protection of soil and groundwater and would not likely trigger actions if reported to a regulatory agency.

6.2 Agricultural Field Sampling: Arsenic was detected at concentrations that exceed the ESLs for residential soil; however, the concentrations of arsenic reported in the soil samples collected during this investigation are below the typical Southern California background level of

11 mg/kg per California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (Hero).

6.3 Residential Sampling: Areas around the former residential structure indicate exceedances above residential screening level for 4,4-DDE at the R2 location and dieldrin at the R3 location. As the properties intent is for residential development, these *de minimis* areas should be isolated or removed prior to mass grading. The summary within this report identifies the extents for isolation and removal based on depth and visually described within Figures 3 and 4. If the property is planned for commercial development versus residential, the detections of 4,4-DDE is below the 8.27 mg/kg screening level and dieldrin is below the 1.6 mg/kg screening level.

6.4 Please note that the results and conclusions in this report are based on, and limited to, the soil the limited soil investigation and the laboratory analyses that were completed.

6.5 Should you have any questions about these results, or wish to conduct additional investigations, please contact us at cassie.bretschger@kimely-horn.com or jennifer.steen@kimely-horn.com.

Sincerely,



Cassie Bretscher, M.S., ENV-SP

Attachments:

Table 1 - Summary of Pesticide Analysis Results

Table 2 - Summary of Total Petroleum Hydrocarbon (TPH) and Metal Analysis

Table 3 - Summary of Pesticide Step-out Analysis Results

Table 4 - Summary of Total Petroleum Hydrocarbon (TPH) and Metal Step-out Analysis

Figure 1: Subject Property Plan and Boring Location Map.

Figure 2: R2 Step-out Sampling Locations and Results

Figure 3: R3 Step-out Sampling Locations and Results

Attachment A: Laboratory Analysis Report

Tables

Kimley»Horn

Table 1 - Summary of Pesticide Analysis Results
Relevant Partners - Coachella, California

Sample ID, Depth ⁽¹⁾	Analysis Results (mg/kg)																		
	Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Chlordane (Technical)	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
TB1-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	0.049	0.00069	0.0088	0.0018	0.001	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB2-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	0.00015	0.0095	0.0017	0.00019	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB3-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	ND<0.00050	0.0049	0.00067	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB4-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	0.00011	0.0054	0.0011	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB5-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	0.00024	0.0059	0.0014	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB6-1	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.10	0.00035	0.015	0.0013	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.10
TB7-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	ND<0.00050	0.0031	0.00061	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB81	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	ND<0.00050	0.009	0.0012	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB9-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	ND<0.00050	0.0092	0.001	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB10-1	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0	ND<0.010	0.081	0.00099	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0
TB11-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	ND<0.00050	0.0064	0.00058	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
TB121	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50	ND<0.0050	0.066	0.0019	0.00067	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TB13-1	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.10	ND<0.0010	0.019	0.00052	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.10
TB14-1	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50	ND<0.0050	0.064	0.0013	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TB15-1	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50	ND<0.0050	0.045	0.00087	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TB16-1	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50	ND<0.0050	0.056	0.0021	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
GB1-1	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0	ND<0.010	0.029	0.0033	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0
GB2-1	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050	ND<0.00050	0.0062	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.050
GB3-1	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25	ND<0.0025	0.023	0.0066	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25
GB4-1	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25	ND<0.0025	0.02	0.008	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25
GB5-1	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50	ND<0.0050	0.035	0.001	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
GB6-1	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50	ND<0.0050	0.06	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
GB7-1	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0	ND<0.010	0.11	0.017	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0
GB8-1	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25	ND<0.0025	0.013	0.0024	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25
GB9-1	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50	ND<0.0050	0.08	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
R1-1	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25	0.00099	0.032	0.0057	0.0005	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25
R2-1	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<25	0.05	2.40	0.20	0.035	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<25
R3-1	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0	0.07	0.19	0.031	0.096	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0
SFRWQCB ESL ⁽²⁾ (mg/kg)	29.0	--	--	--	--	0.48	2.67	1.83	1.89	0.037	420	420	420	290	--	--	13.0	4,800	2.2

Sampling completed July 11, 2024

(1) TB - Borings completed within Date Groves. Only crop included was young and mature date palms. GB - Borings completed within the Grape Vineyard. Only crop included was differing varieties of grapes. R - Borings completed surrounding the former residence.

(2) Screening limit is the San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) for direct exposure to human health assuming a residential risk scenario.

Table 2 - Summary of Total Petroleum Hydrocarbon (TPH) and Metal Analysis
Relevant Partners - Coachella, California

Sample ID, Depth ⁽¹⁾	Analysis Results (mg/kg)			
	Arsenic ⁽³⁾	TPH -Gasoline Range Organics (C4 - C12)	TPH - Diesel Range Organics (C12 - C22)	TPH - Oil Range Organics (C23 - C32)
R1-1	1.3	ND<1.0	4.1	30
R2-1	3.8	ND<1.0	44	870
R3-1	1.8	ND<1.0	3.8	21
TB1-1	2.2	--	--	--
TB2-1	2.8	--	--	--
TB3-1	1.9	--	--	--
TB4-1	1.9	--	--	--
TB5-1	1.8	--	--	--
TB6-1	2.2	--	--	--
TB7-1	2.3	--	--	--
TB81	2.9	--	--	--
TB9-1	2.2	--	--	--
TB10-1	1.7	--	--	--
TB11-1	1.5	--	--	--
TB12-1	1.7	--	--	--
TB13-1	1.7	--	--	--
TB14-1	1.9	--	--	--
TB15-1	1.7	--	--	--
TB16-1	2.0	--	--	--
GB1-1	2.0	--	--	--
GB2-1	3.1	--	--	--
GB3-1	2.3	--	--	--
GB4-1	2.3	--	--	--
GB5-1	4.3	--	--	--
GB6-1	2.7	--	--	--
GB7-1	3.2	--	--	--
GB8-1	4.3	--	--	--
GB9-1	2.8	--	--	--
SFRWQCB ESL ⁽²⁾ (mg/kg)	11	430	255	12,000

Sampling completed July 11, 2024

(1) TB - Borings completed within Date Groves. Only crop included was young and mature date palms. GB - Borings completed within the Grape Vineyard. Only crop included was differing varieties of grapes. R - Borings completed surrounding the former residence.

(2) Screening limit is the San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) for direct exposure to human health assuming a residential risk scenario.

(3) The SFRWQCB ESL for arsenic for residential exposure scenario is 0.067 mg/kg, 0.31 mg/kg for commercial/industrial, and 2.03 mg/kg for construction work scenario; however, the screening level listed is the regional background concentration of arsenic (Duverge, 2011), accepted by the SFRWQCB.

Table 3 - Summary of Pesticide Step-out Analysis Results Relevant Partners - Coachella, California																				
Sample ID, Depth ⁽¹⁾	Sample Date	Analysis Results (mg/kg)																		
		Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Chlordane (Technical)	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
R1-1	7/11/2024	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25	0.00099	0.032	0.0057	0.0005	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.25
R2-1	7/11/2024	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<25	0.05	2.40	0.20	0.035	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<25
R2B-1	9/6/2024	ND>0.00041	ND>0.00029	ND>0.0012	ND>0.00076	ND>0.00061	0.14	0.008	0.061	0.075	0.0011	ND>0.00074	ND>0.00064	ND>0.00087	ND>0.00029	ND>0.00047	ND>0.00050	ND>0.00052	ND>0.00060	ND>0.038
R2B-2	9/6/2024	ND>0.000082	ND>0.000058	ND>0.00024	ND>0.00015	ND>0.00012	0.026	0.0016	0.011	0.014	0.00016	ND>0.00015	ND>0.00013	ND>0.00017	ND>0.000058	ND>0.000094	ND>0.00010	ND>0.00010	ND>0.00012	ND>0.0076
R2N-1	9/6/2024	ND>0.00082	ND>0.00058	ND>0.0024	ND>0.0015	ND>0.0012	0.26	0.0076	0.2	0.048	0.0027	ND>0.0015	ND>0.0013	ND>0.0017	ND>0.00058	ND>0.00094	ND>0.0010	ND>0.0010	ND>0.0012	ND>0.076
R2E-1	9/6/2024	ND>0.00041	ND>0.00029	ND>0.0012	ND>0.00076	ND>0.00061	0.36	0.0096	0.2	0.08	ND>0.00069	ND>0.00074	ND>0.00064	ND>0.00087	ND>0.00029	ND>0.00047	ND>0.00050	ND>0.00052	ND>0.00060	ND>0.038
R2W-1	9/6/2024	ND>0.00041	ND>0.00029	ND>0.0012	ND>0.00076	ND>0.00061	0.074	0.0037	0.019	0.0034	0.0039	ND>0.00074	ND>0.00064	ND>0.00087	ND>0.00029	ND>0.00047	ND>0.00050	ND>0.00052	ND>0.00060	ND>0.038
R3-1	7/11/2024	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0	0.07	0.19	0.031	0.096	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<1.0
R3B-1	9/6/2024	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	0.25	0.0065	0.11	0.0099	0.039	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.20
R3B-2	9/6/2024	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	0.086	0.0018	0.033	0.0014	0.016	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.10
R3N-1	9/6/2024	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	0.62	0.025	0.14	0.025	0.091	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.20
R3N-2	9/6/2024	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	0.16	0.0041	0.023	0.0039	0.016	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.010
R3W-1	9/6/2024	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.0025	0.23	0.0071	0.048	0.0088	0.042	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.0025	ND>0.050
R3W-2	9/6/2024	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	0.041	0.00085	0.0064	0.00097	0.0075	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.00050	ND>0.010
R3E-1	9/6/2024	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	0.37	0.01	0.16	0.012	0.10	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.20
R3E-2	9/6/2024	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	0.39	0.0059	0.11	0.0064	0.073	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.010	ND>0.20
R3E-3	9/6/2024	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	0.19	0.0021	0.063	0.0023	0.042	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.10
R3S-1	9/6/2024	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	0.2	0.0043	0.1	0.0053	0.026	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.0050	ND>0.10
SFRWQCB ESL ⁽²⁾ (mg/kg)		29.0	--	--	--	--	0.48	2.67	1.83	1.89	0.037	420	420	420	290	--	--	13.0	4,800	2.2

Sampling completed July 11, 2024 and September 6, 2024

(1) TB - Borings completed within Date Groves. Only crop included was young and mature date palms. GB - Borings completed within the Grape Vineyard. Only crop included was differing varieties of grapes. R - Borings completed surrounding the former residence.

(2) Screening limit is the San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) for direct exposure to human health assuming a residential risk scenario.

Table 4 - Summary of Total Petroleum Hydrocarbon (TPH) and Metal Step-out Analysis
Relevant Partners - Coachella, California

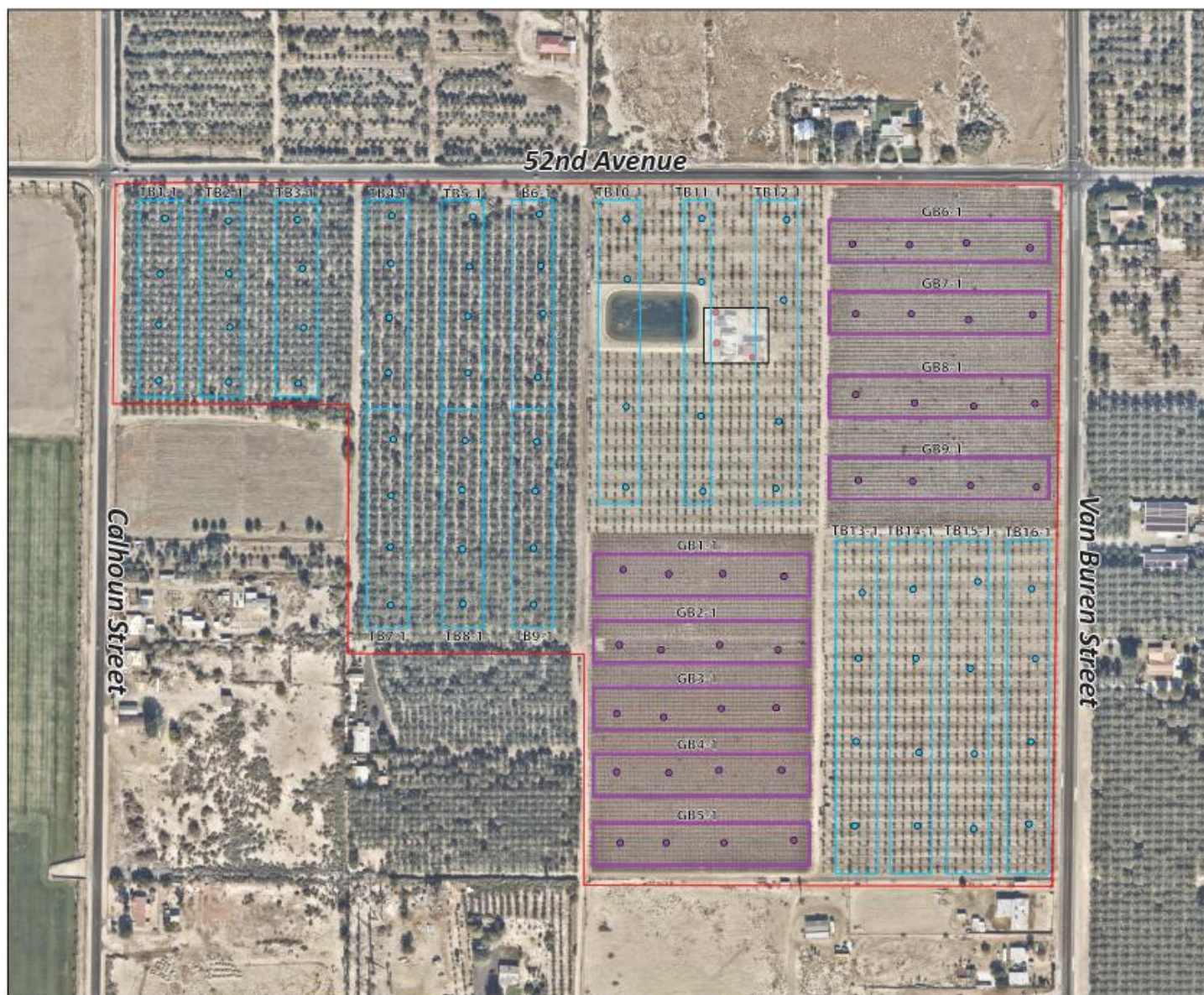
Sample ID, Depth ⁽¹⁾	Sample Date	Analysis Results (mg/kg)			
		Arsenic ⁽³⁾	TPH -Gasoline Range Organics (C4 - C12)	TPH - Diesel Range Organics (C12 - C22)	TPH - Oil Range Organics (C23 - C32)
R1-1	7/11/2024	1.3	ND<1.0	4.1	30
R2-1	7/11/2024	3.8	ND<1.0	44	870
R2B-1	9/6/2024	1.4	--	--	--
R2B-2	9/6/2024	1.3	ND>0.42	1.8	10
R2N-1	9/6/2024	1.1	ND>0.53	3.7	46
R2E-1	9/6/2024	1.7	ND>0.49	27	34
R2W-1	9/6/2024	2.5	ND>0.48	27	32
R3-1	7/11/2024	1.8	ND<1.0	3.8	21
R3B-1	9/6/2024	1.5	--	--	--
R3B-2	9/6/2024	1.4	--	--	--
R3N-1	9/6/2024	1.9	--	--	--
R3W-1	9/6/2024	1.4	--	--	--
R3E-1	9/6/2024	1.5	--	--	--
R3S-1	9/6/2024	1.7	--	--	--
SFRWQCB ESL ⁽²⁾ (mg/kg)		11	430	255	12,000

Sampling completed July 11, 2024 and September 6,2024

(1) TB - Borings completed within Date Groves. Only crop included was young and mature date palms. GB - Borings completed within the Grape Vineyard. Only crop included was differing varieties of grapes. R - Borings completed surrounding the former residence.

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Legend

- Date Grove Sampling*
 - TBX-1
- Grape Vineyard Sampling*
 - GBX-1
- Residential Sampling*
 - RX-1
- *Project Boundary*



Kimley»Horn

Figure 1: Subject Property Plan and Boring Location Map



Figure 2: R2 Step-out Sampling Locations and Results

Results depicted are detections of 4,4-DDE based on the initial exceedance. Other detections are summarized in Table 3.





Figure 3: R3 Step-out Sampling Locations and Results



Attachment A: Laboratory Analysis Report



Date of Report: 07/22/2024

Cassie Bretschger

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Client Project: [none]
Pace Project: Coachella
Pace Work Order: 2411098
Invoice ID: B500727

Enclosed are the results of analyses for samples received by the laboratory on 7/13/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Ragen Williams", is written over a horizontal line.

Contact Person: Ragen Williams
Client Service Rep

A handwritten signature in black ink, appearing to read "Stuart Buttram", is written over a horizontal line.

Stuart Buttram
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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.
All results listed in this report are for the exclusive use of the submitting party. Pace Analytical assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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		2411098 Phone: 800-342-5859 Fax: 815-248-5800	
RUSH!		CHK BY: VBI DISTRIBUTION SUB OUT	
Report to: Kimley Horn 1100 Town + Country Orange CA		Project Description: Coachella Coachella Coachella	
Project Description: Coachella Coachella Coachella		Project Description: Coachella Coachella Coachella	
Phone: 760-409-1944 Coachella Coachella		Phone: 760-409-1944 Coachella Coachella	
Collected by (print): Cassie Breisch Cassie Breisch		Collected by (signature): [Signature] Cassie Breisch	
Collected on: 7/19/24 Date Results Needed: 7/19/24		Collected on: 7/19/24 Date Results Needed: 7/19/24	
Sample ID: TB1-1 TB2-1 TB3-1 TB4-1 TB5-1 TB6-1 TB7-1 TB8-1 TB9-1 TB10-1		Matrix: Soil Soil Soil Soil Soil Soil Soil Soil Soil	
Depth: 1' 1' 1' 1' 1' 1' 1' 1' 1'		Depth: 1' 1' 1' 1' 1' 1' 1' 1' 1'	
Time: 800 810 820 830 840 850 860 870 880		Time: 800 810 820 830 840 850 860 870 880	
Remarks:		Remarks:	
Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Boassay, WW - Waste Water, DW - Drinking Water, OT - Other		Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Boassay, WW - Waste Water, DW - Drinking Water, OT - Other	
Samples returned via: UPS, FedEx, Courier		Samples returned via: UPS, FedEx, Courier	
Received by (Signature): [Signature] Kimley Horn		Received by (Signature): [Signature] Kimley Horn	
Received by (Signature): [Signature] Kimley Horn		Received by (Signature): [Signature] Kimley Horn	
Received by (Signature): [Signature] Kimley Horn		Received by (Signature): [Signature] Kimley Horn	

Chain of Custody Page 2 of 3			
Report to: Kimbey-Horn Project Description: 1100 Town & Country City/State: Orange CA Client Project #: 24-11098 Phone: 714-409-1946 Collected by (print): Cassie Brettridge Collected by (signature):  Immediately Packed on Ice: ☒		Lab Project #: 24-11098 Quote #: Date Results Needed: 7/19/2024 Rush? (Lab MUST be notified) ☐ Same Day ☐ Next Day ☒ 5 Day (Rad Only) ☐ 30 Day (RAD Only)	
Siting Information: Kimbey-Horn 1100 Town & Country Orange CA Email To: Cassie.Brettridge@PaceAnalytical.com City/State: Orange CA Collected:		Analysis / Container / Preservation RUSH	
Shipping Information: Pres: ☐ CNK Date: 7/19/2024		Sample Receipt Checklist CDC Seal Present/Intact: ☐ NP CDC signed/accurate: ☐ Y Bottles active intact: ☐ Y Correct bottles used: ☐ Y Sufficient volume sent: ☐ Y If Applicable: VOA Zero Headspace: ☐ Y Preservation Correct/Checked: ☐ Y RAD Screen <0.5 mS/hr: ☐ Y	
Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Biossaz WW - Waste Water DW - Drinking Water OT - Other		Remarks: pH _____ Temp _____ Flow _____ Other _____	
Sample ID TB11-1 -11 TB12-1 -12 TB13-1 -13 TB14-1 -14 TB15-1 -15 TB16-1 -16 R1-1 -17 R2-1 -18 R3-1 -19		Matrix Soil Depth 1' 1' 1' 1' 1' 1' 1' 1'	
Comp/Grab Comp Comp Comp Comp Comp Comp Comp Comp		Date 7/11/24 7/11/24 7/11/24 7/11/24 7/11/24 7/11/24 7/11/24 7/11/24	
Time 730 740 740 750 750 750 1100 1055 1105		No. of Cntrs 2 2 2 2 2 2 5 5 5	
Tracking # Samples returned via: UPS _____ FedEx _____ Courier _____		Received by (Signature) Date: 7/12/24 Time: 1330 Date: 7/12 Time: 1330 Date: 7/12 Time: 1330	
Relinquished by (Signature) Date: 7/12/24 Time: 1330 Date: 7/12 Time: 1330 Date: 7/12 Time: 1330		Relinquished by (Signature) Date: 7/12/24 Time: 1330 Date: 7/12 Time: 1330 Date: 7/12 Time: 1330	
Relinquished by (Signature) Date: 7/12/24 Time: 1330 Date: 7/12 Time: 1330 Date: 7/12 Time: 1330		Relinquished by (Signature) Date: 7/12/24 Time: 1330 Date: 7/12 Time: 1330 Date: 7/12 Time: 1330	

Chain of Custody Page 3 of 3			
Report to: Kimley-Horn 1100 Town & County Orange, CA Email: Carole Bretschger Carole.Bretschger@kimley-horn.com		Project Description: CAACHULA City/State: CA Lab Project #: 24-11098 P.O. #: Quote #: Date Results Needed: 7/19/24	
Phone: 760 409 1906 Collected by (print): Carole Bretschger Collected by (signature): 		Client Project #: Relevant Site/Facility ID #: CAACHULA Rush? (Lab MUST be notified) ☐ Same Day (1 Day Only) ☒ Next Day (5 Day (Rad Only)) ☐ Two Day ☐ Three Day	
Immediately Packed on Ice: ☒		Tracking #: Samples returned via: ☐ UPS ☐ FedEx ☐ Courier	
Sample ID GB1-1 -20 GB2-1 -21 GB3-1 -22 GB4-1 -23 GB5-1 -24 GB6-1 -25 GB7-1 -26 GB8-1 -27 GB9-1 -28		Matrix SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other	
Comp/Grob Comp Soil		Depth 1'	
Date 7/11/24		Time 9:40	
No. of Cntrs 2		Temp pH _____ Temp _____	
Remarks:		Flow _____ Other _____	
Single Receipt Checklist: CCC Seal Present/Intact: ☐ Y ☐ N CCC Signed/Accurate: ☐ Y ☐ N Bottles arrive intact: ☐ Y ☐ N Correct bottles used: ☐ Y ☐ N Sufficient volume sent: ☐ Y ☐ N If Applicable: VOA Zero HeadSpace: ☐ Y ☐ N Preservation Correct/Checked: ☐ Y ☐ N RAD Screen <0.5 uB/sec: ☐ Y ☐ N		Analysis / Container / Preservative Analysis: Container: Preservative:	
Table # Account # Template Prelogics PM: PB: Shipped Via:		Condition: NCF / OK	

PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>1</u> of <u>7</u>						
Submission #: <u>24-11098</u>										
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☒ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☐ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ <u>W</u> S					
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____										
Custody Seals: Ice Chest ☐ Containers ☐ None ☒ Comments: _____ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐										
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒										
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>274</u> Temperature: (A) <u>5.5</u> °C / (C) <u>5.5</u> °C		Date/Time <u>7/13/24</u> Analyst Init <u>WBL 1000</u>						
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	21	22	23	24	25	26	27	28	29	30
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz C ¹⁰										
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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/808.1A										
QT EPA 515.1/815.1A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
CL-2 7/13/24										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER 7/13/24										

Comments: (-13 B A sample ID doesn't match) (-14/15, and -16 A's sample ID doesn't match)

Sample Numbering Completed By: CL2 Date/Time: 7/13/24 11:22

A = Actual / C = Corrected

Rev 23 05/20/22

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PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>2</u> Of <u>7</u>							
Submission #: <u>24-11098</u>											
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☐ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ (W) S						
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____											
Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐											
All samples received? Yes ☒ No ☐		All samples containers intact? Yes ☒ No ☐		Description(s) match COC? Yes ☐ No ☒							
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>274</u> Temperature: (A) <u>5.5</u> °C / (C) <u>5.5</u> °C		Date/Time <u>7/13/24</u> Analyst Init <u>VBI 1000</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	27	28	9	10
QT PE UNPRES											
4oz / 3oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 3oz / 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 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 505/605.3/8051A											
QT EPA 515.1/8151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
3oz EPA 548.1											
QT EPA 549.2											
QT EPA 8015M											
QT EPA 827C											
8oz / 16oz / 32oz AMBER								B	B		
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: 21, 24, 25, 26, and 28 A's, B's time doesn't match

Sample Numbering Completed By: CL2 Date/Time: 7/13/24 11:22

A = Actual / C = Corrected

Rev 23 05/20/22

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PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>3</u> Of <u>7</u>	
Submission #: <u>24-11098</u>					
SHIPPING INFORMATION Fed Ex ☐ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☐ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ <u>W</u> / <u>S</u>
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____					
Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒					
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>274</u>		Date/Time <u>7/13/24</u>	
		Temperature: (A) <u>4.4</u> °C / (C) <u>4.4</u> °C		Analyst Init <u>VBI 1000</u>	

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
1oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 301SM										
QT EPA 327BC										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: 6-277B received Received Substituted?
 Sample Numbering Completed By: CL2 Date/Time: 7/13/24 11:22
 A = Actual / C = Corrected

Chain of Custody and Cooler Receipt Form for 2411098 Page 7 of 10

PACE ANALYTICAL		COOLER RECEIPT FORM		Page 4 Of 7	
Submission #: <u>24-11098</u>					
SHIPPING INFORMATION Fed Ex ☐ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☐ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☒ NO ☐ (W) S
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒					
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>274</u> Temperature: (A) <u>4.4</u> °C / (C) <u>4.4</u> °C		Date/Time <u>7/13/24</u> Analyst Init <u>VBI 1000</u>	

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / Box / 16oz PE UNPRES										
2oz Cr ⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / Box / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PhA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 3015M										
QT EPA 3270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A B	A B	B	B				
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____
 Sample Numbering Completed By: CL2 Date/Time: 7/13/24 11:22
 A = Actual / C = Corrected

Rev 23 03/20/22

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PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>5</u> Of <u>7</u>	
Submission #: <u>24-11098</u>					
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ (W) / S
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒					
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>274</u>		Date/Time <u>7/13/24</u>	
		Temperature: (A) <u>5.2</u> °C / (C) <u>5.2</u> °C		Analyst Init. <u>VBI 1000</u>	

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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8170C										
8oz / 16oz / 32oz AMBER JAR 80Z										
8oz / 16oz / 32oz JAR 40Z	A	A	A	A	A	A	A	A	A	B
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____
 Sample Numbering Completed By: CL2 Date/Time: 7/13/24 11:22
 A = Actual / C = Corrected

Rev 23 05/20/22
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Chain of Custody and Cooler Receipt Form for 2411098 Page 9 of 10

PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>6</u> Of <u>7</u>							
Submission #: <u>24-11098</u>											
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ <u>W</u> / <u>S</u>						
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____											
Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____											
Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐											
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒											
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>274</u> Temperature: (A) <u>5.2</u> °C / (C) <u>5.2</u> °C		Date/Time <u>7/13/24</u> Analyst Init <u>VSI 1000</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr											
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											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- SM											
QT EPA 505/508.3/5081A											
QT EPA 515.1/5151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548.1											
QT EPA 549.2											
QT EPA 5015M											
QT EPA 3270C											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		B	B	A	A	A	A				
SOIL SLEEVE											
PCR VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: _____
 Sample Numbering Completed By: CL2 Date/Time: 7/13/24 11:22
 A = Actual / C = Corrected

Rev 23 05/20/22
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PACE ANALYTICAL		COOLER RECEIPT FORM		Page 7 of 7							
Submission #: <u>24-11098</u>											
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ <u>W</u> / S						
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____											
Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐											
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒											
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>274</u> Temperature: (A) <u>5.2</u> °C / (C) <u>5.2</u> °C		Date/Time <u>7/13/24</u> Analyst Init <u>VBS/1000</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr											
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											
PHA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/603.3/8031A											
QT EPA 515.1/8151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 545.1											
QT EPA 549.2											
QT EPA 5915M											
QT EPA 3270C											
8oz / 16oz / 32oz AMBER 8OZ JAR				A							
8oz / 16oz / 32oz JAR 4OZ		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: CL2 Date/Time: 7/13/24 11:22
 A = Actual / C = Corrected

Rev 23 05/20/22
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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2411098-01	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 08:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB1-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-02	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 08:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB2-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-03	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 08:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB3-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-04	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 09:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB4-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-05	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 09:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB5-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-06	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 09:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB6-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-07	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 09:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB7-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2411098-08	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 08:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB8-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-09	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 08:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB9-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-10	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 07:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB10-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-11	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 07:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB11-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-12	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 07:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB12-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-13	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 06:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB13-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-14	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 06:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB14-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2411098-15	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 07:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB15-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-16	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 07:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	TB16-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-17	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 11:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R1-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-18	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-19	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 11:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-20	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 09:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-1-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-21	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 09:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-2-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil

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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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2411098-22	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-3-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-23	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-4-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-24	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-5-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-25	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-6-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-26	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-7-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-27	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-8-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil
2411098-28	COC Number:	---	Receive Date:	07/13/2024 10:00
	Project Number:	---	Sampling Date:	07/11/2024 10:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	GB-9-1	Lab Matrix:	Solids
	Sampled By:	Cassie B.	Sample Type:	Soil

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-01		Client Sample Name: TB1-1, 7/11/2024 8:00:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	0.049	mg/kg	0.050	0.0010	EPA-8081A	ND	J	1	
4,4'-DDD	0.00069	mg/kg	0.00050	0.000064	EPA-8081A	ND		1	
4,4'-DDE	0.0088	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.0018	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	0.0010	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	52.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	34.6	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/17/24 23:18	HKS	GC-17	1.014	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-01		Client Sample Name: TB1-1, 7/11/2024 8:00:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	2.2	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 11:30		JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-02		Client Sample Name: TB2-1, 7/11/2024 8:10:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	0.00015	mg/kg	0.00050	0.000064	EPA-8081A	ND	J	1	
4,4'-DDE	0.0095	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.0017	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	0.00019	mg/kg	0.00050	0.000036	EPA-8081A	ND	J	1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	56.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	35.0	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/17/24 23:35	HKS	GC-17	1.007	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2411098-02		Client Sample Name: TB2-1, 7/11/2024 8:10:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	2.8	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 11:42		JEH	ICP5	0.990	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-03		Client Sample Name: TB3-1, 7/11/2024 8:20:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND		1	
4,4'-DDE	0.0049	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.00067	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	52.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	36.1	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/17/24 23:52	HKS	GC-17	1.017	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-03		Client Sample Name: TB3-1, 7/11/2024 8:20:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	1.9	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 11:44		JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-04		Client Sample Name: TB4-1, 7/11/2024 9:20:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	0.00011	mg/kg	0.00050	0.000064	EPA-8081A	ND	J	1	
4,4'-DDE	0.0054	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.0011	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	49.7	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	36.5	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 00:08	HKS	GC-17	0.993	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-04		Client Sample Name: TB4-1, 7/11/2024 9:20:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	1.9	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 11:50	JEH	ICP5	0.952	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-05		Client Sample Name: TB5-1, 7/11/2024 9:30:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	0.00024	mg/kg	0.00050	0.000064	EPA-8081A	ND	J	1	
4,4'-DDE	0.0059	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.0014	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	61.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	31.0	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 00:25	HKS	GC-17	1.003	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-05		Client Sample Name: TB5-1, 7/11/2024 9:30:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	1.8	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 11:52		JEH	ICP5	0.980	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-06		Client Sample Name: TB6-1, 7/11/2024 9:10:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.000076	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.000096	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.000074	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0020	EPA-8081A	ND	A10	1
4,4'-DDD	0.00035	mg/kg	0.0010	0.00013	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.015	mg/kg	0.0010	0.00019	EPA-8081A	ND	A10	1
4,4'-DDT	0.0013	mg/kg	0.0010	0.000080	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0010	0.000072	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.000040	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.000068	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.000034	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00019	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.0028	EPA-8081A	ND	A10	1
TCMX (Surrogate)	67.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	34.6	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 10:14	HKS	GC-17	2.020	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-06		Client Sample Name: TB6-1, 7/11/2024 9:10:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	2.2	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 11:54	JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-07		Client Sample Name: TB7-1, 7/11/2024 9:00:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND		1	
4,4'-DDE	0.0031	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.00061	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	40.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	36.8	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 09:06	HKS	GC-17	0.997	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-07		Client Sample Name: TB7-1, 7/11/2024 9:00:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	2.3	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 11:56	JEH	ICP5	0.971	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-08		Client Sample Name: TB8-1, 7/11/2024 8:40:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND		1	
4,4'-DDE	0.0090	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.0012	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	63.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	43.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 02:23	HKS	GC-17	0.990	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-08		Client Sample Name: TB8-1, 7/11/2024 8:40:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	2.9	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 11:58	JEH	ICP5	0.990	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-09		Client Sample Name: TB9-1, 7/11/2024 8:50:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND		1	
4,4'-DDE	0.0092	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.0010	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	73.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	48.1	%	40 - 130 (LCL - UCL)		EPA-8081A			1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 02:40	HKS	GC-17	1	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-09		Client Sample Name: TB9-1, 7/11/2024 8:50:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	2.2	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 12:00	JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-10		Client Sample Name: TB10-1, 7/11/2024 7:20:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00076	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.00096	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.00074	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	1.0	0.020	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
4,4'-DDE	0.081	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
4,4'-DDT	0.00099	mg/kg	0.010	0.00080	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.010	0.00072	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.010	0.00040	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.00068	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.00052	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.00034	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	1.0	0.028	EPA-8081A	ND	A10	1
TCMX (Surrogate)	84.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	56.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 10:30	HKS	GC-17	20.270	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-10		Client Sample Name: TB10-1, 7/11/2024 7:20:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	1.7	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 12:02	JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-11		Client Sample Name: TB11-1, 7/11/2024 7:30:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND		1	
4,4'-DDE	0.0064	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	0.00058	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	30.2	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	28.2	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 03:13	HKS	GC-17	1.003	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2411098-11		Client Sample Name: TB11-1, 7/11/2024 7:30:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	1.5	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 12:04		JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-12		Client Sample Name: TB12-1, 7/11/2024 7:40:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
4,4'-DDE	0.066	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	0.0019	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	0.00067	mg/kg	0.0050	0.00036	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	93.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	77.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 12:28	HKS	GC-17	9.868	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-12		Client Sample Name: TB12-1, 7/11/2024 7:40:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	1.7	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 12:06	JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-13		Client Sample Name: TB13-1, 7/11/2024 6:40:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.000076	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.000096	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.000074	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0020	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
4,4'-DDE	0.019	mg/kg	0.0010	0.00019	EPA-8081A	ND	A10	1
4,4'-DDT	0.00052	mg/kg	0.0010	0.000080	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0010	0.000072	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.000040	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.000068	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.000034	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00019	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.0028	EPA-8081A	ND	A10	1
TCMX (Surrogate)	38.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	24.0	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 12:45	HKS	GC-17	2.013	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-13		Client Sample Name: TB13-1, 7/11/2024 6:40:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	1.7	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 12:08		JEH	ICP5	0.952	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-14		Client Sample Name: TB14-1, 7/11/2024 6:50:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
4,4'-DDE	0.064	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	0.0013	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	86.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	64.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 13:02	HKS	GC-17	9.967	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-14		Client Sample Name: TB14-1, 7/11/2024 6:50:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	1.9	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 12:14		JEH	ICP5	0.990	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-15		Client Sample Name: TB15-1, 7/11/2024 7:00:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
4,4'-DDE	0.045	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	0.00087	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	76.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	49.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 13:19	HKS	GC-17	9.901	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-15		Client Sample Name: TB15-1, 7/11/2024 7:00:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	1.7	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 12:15		JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-16		Client Sample Name: TB16-1, 7/11/2024 7:10:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
4,4'-DDE	0.056	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	0.0021	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	84.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	62.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 13:36	HKS	GC-17	10.169	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-16		Client Sample Name: TB16-1, 7/11/2024 7:10:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	2.0	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 12:17	JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-17		Client Sample Name: R1-1, 7/11/2024 11:00:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A10	1
4,4'-DDD	0.00099	mg/kg	0.0025	0.00032	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.032	mg/kg	0.0025	0.00048	EPA-8081A	ND	A10	1
4,4'-DDT	0.0057	mg/kg	0.0025	0.00020	EPA-8081A	ND	A10	1
Dieldrin	0.00050	mg/kg	0.0025	0.00018	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A10	1
TCMX (Surrogate)	88.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	60.1	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 13:52	HKS	GC-17	5.017	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Pace Sample ID: 2411098-17		Client Sample Name: R1-1, 7/11/2024 11:00:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C12 - C22)	4.1	mg/kg	1.0	0.70	EPA-8015B/CC	ND	A52	1
TPH - Oil Range Organics (C23 - C32)	30	mg/kg	2.0	0.98	EPA-8015B/CC	ND	A57	1
Tetracosane (Surrogate)	57.8	%	40 - 130 (LCL - UCL)		EPA-8015B/CC			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/CC	07/16/24 15:00	07/18/24 07:48	BUP	GC-19	1.003	B193050	EPA 3546

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Pace Sample ID: 2411098-17		Client Sample Name: R1-1, 7/11/2024 11:00:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.42	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	105	%	70 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	07/15/24 07:51	07/15/24 22:35	SR1	GC-V8	1	B192904	EPA 5035 Soil GC

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-17		Client Sample Name: R1-1, 7/11/2024 11:00:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	1.3	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 12:19	JEH	ICP5	1	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-18		Client Sample Name: R2-1, 7/11/2024 10:55:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.25	0.0090	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.25	0.019	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.25	0.024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.25	0.018	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.25	0.0090	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	25	0.50	EPA-8081A	ND	A10	1
4,4'-DDD	0.050	mg/kg	0.25	0.032	EPA-8081A	ND	J,A10	1
4,4'-DDE	2.4	mg/kg	0.25	0.048	EPA-8081A	ND	A10	1
4,4'-DDT	0.20	mg/kg	0.25	0.020	EPA-8081A	ND	J,A10	1
Dieldrin	0.035	mg/kg	0.25	0.018	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.25	0.010	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.25	0.017	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.25	0.013	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.25	0.032	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.25	0.0090	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.25	0.043	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.25	0.0085	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.25	0.047	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	25	0.70	EPA-8081A	ND	A10	1
TCMX (Surrogate)	135	%	20 - 130 (LCL - UCL)		EPA-8081A		S09	1
Decachlorobiphenyl (Surrogate)	87.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/19/24 14:21	HKS	GC-17	498.34	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Pace Sample ID: 2411098-18		Client Sample Name: R2-1, 7/11/2024 10:55:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C12 - C22)	44	mg/kg	10	7.0	EPA-8015B/CC	ND	A10,A52	1
TPH - Oil Range Organics (C23 - C32)	870	mg/kg	20	9.8	EPA-8015B/CC	ND	A10,A57	1
Tetracosane (Surrogate)	123	%	40 - 130 (LCL - UCL)		EPA-8015B/CC			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/CC	07/16/24 15:00	07/18/24 08:58	BUP	GC-19	9.868	B193050	EPA 3546

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Pace Sample ID: 2411098-18		Client Sample Name: R2-1, 7/11/2024 10:55:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.42	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	80.0	%	70 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	07/15/24 07:51	07/15/24 23:00	SR1	GC-V8	1	B192904	EPA 5035 Soil GC

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2411098-18		Client Sample Name: R2-1, 7/11/2024 10:55:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	3.8	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 12:21	JEH	ICP5	0.980	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-19		Client Sample Name: R3-1, 7/11/2024 11:05:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00076	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.00096	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.00074	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	1.0	0.020	EPA-8081A	ND	A10	1
4,4'-DDD	0.070	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
4,4'-DDE	0.19	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
4,4'-DDT	0.031	mg/kg	0.010	0.00080	EPA-8081A	ND	A10	1
Dieldrin	0.096	mg/kg	0.010	0.00072	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.010	0.00040	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.00068	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.00052	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.00034	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	1.0	0.028	EPA-8081A	ND	A10	1
TCMX (Surrogate)	101	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	90.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 14:43	HKS	GC-17	19.672	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Pace Sample ID: 2411098-19		Client Sample Name: R3-1, 7/11/2024 11:05:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C12 - C22)	3.8	mg/kg	1.0	0.70	EPA-8015B/CC	ND	A52	1
TPH - Oil Range Organics (C23 - C32)	21	mg/kg	2.0	0.98	EPA-8015B/CC	ND	A57	1
Tetracosane (Surrogate)	78.7	%	40 - 130 (LCL - UCL)		EPA-8015B/CC			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/CC	07/16/24 15:00	07/18/24 08:41	BUP	GC-19	0.993	B193050	EPA 3546

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Pace Sample ID: 2411098-19		Client Sample Name: R3-1, 7/11/2024 11:05:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.42	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	95.0	%	70 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	07/15/24 07:51	07/15/24 23:24	SR1	GC-V8	1	B192904	EPA 5035 Soil GC

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2411098-19		Client Sample Name: R3-1, 7/11/2024 11:05:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	1.8	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN		Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1		EPA-6010B	07/15/24 08:30	07/16/24 12:23	JEH	ICP5	0.962	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-20		Client Sample Name: GB-1-1, 7/11/2024 9:40:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00076	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.00096	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.00074	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	1.0	0.020	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
4,4'-DDE	0.029	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
4,4'-DDT	0.0033	mg/kg	0.010	0.00080	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.010	0.00072	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.010	0.00040	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.00068	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.00052	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.00034	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	1.0	0.028	EPA-8081A	ND	A10	1
TCMX (Surrogate)	51.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	40.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/16/24 20:20	07/18/24 15:00	HKS	GC-17	20.270	B193048	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-20		Client Sample Name: GB-1-1, 7/11/2024 9:40:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	2.0	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/16/24 12:25		JEH	ICP5	0.943	B193015	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-21		Client Sample Name: GB-2-1, 7/11/2024 9:40:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND		1	
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND		1	
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND		1	
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND		1	
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND		1	
4,4'-DDE	0.0062	mg/kg	0.00050	0.000095	EPA-8081A	ND		1	
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	ND		1	
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	ND		1	
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND		1	
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND		1	
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND		1	
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND		1	
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND		1	
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND		1	
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND		1	
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND		1	
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND		1	
TCMX (Surrogate)	24.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1	
Decachlorobiphenyl (Surrogate)	11.3	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/18/24 17:31	HKS	GC-17	0.984	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-21		Client Sample Name: GB-2-1, 7/11/2024 9:40:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	3.1	mg/kg	5.0	2.0	EPA-6010B	ND	J,A10	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/16/24 07:50	07/18/24 16:20		JRG	PE-OP4	5	B193097	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-22		Client Sample Name: GB-3-1, 7/11/2024 10:20:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
4,4'-DDE	0.023	mg/kg	0.0025	0.00048	EPA-8081A	ND	A10	1
4,4'-DDT	0.0066	mg/kg	0.0025	0.00020	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A10	1
TCMX (Surrogate)	56.7	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	33.1	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/19/24 14:37	HKS	GC-17	4.950	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-22		Client Sample Name: GB-3-1, 7/11/2024 10:20:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	2.3	mg/kg	1.0	0.40	EPA-6010B	ND		1

		Run		QC					
DCN	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method	
1	EPA-6010B	07/16/24 07:50	07/18/24 17:57	JRG	PE-OP4	0.952	B193097	EPA 3050B	

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-23		Client Sample Name: GB-4-1, 7/11/2024 10:10:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
4,4'-DDE	0.020	mg/kg	0.0025	0.00048	EPA-8081A	ND	A10	1
4,4'-DDT	0.0080	mg/kg	0.0025	0.00020	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A10	1
TCMX (Surrogate)	54.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	36.6	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/19/24 14:54	HKS	GC-17	5.051	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-23		Client Sample Name: GB-4-1, 7/11/2024 10:10:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	2.3	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/16/24 07:50	07/18/24 17:58		JRG	PE-OP4	0.990	B193097	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-24		Client Sample Name: GB-5-1, 7/11/2024 10:30:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
4,4'-DDE	0.035	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	0.0010	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	49.0	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	37.4	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/19/24 15:11	HKS	GC-17	10.169	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-24		Client Sample Name: GB-5-1, 7/11/2024 10:30:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	4.3	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/15/24 18:08		JRG	PE-OP4	0.990	B193014	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-25		Client Sample Name: GB-6-1, 7/11/2024 10:00:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
4,4'-DDE	0.060	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00040	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	72.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	52.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/19/24 15:28	HKS	GC-17	10.169	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2411098-25		Client Sample Name: GB-6-1, 7/11/2024 10:00:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	2.7	mg/kg	0.91	0.36	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/15/24 18:09		JRG	PE-OP4	0.909	B193014	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-26		Client Sample Name: GB-7-1, 7/11/2024 10:40:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00076	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.00096	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.00074	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	1.0	0.020	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
4,4'-DDE	0.11	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
4,4'-DDT	0.017	mg/kg	0.010	0.00080	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.010	0.00072	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.010	0.00040	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.00068	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.00052	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00036	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.00034	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0019	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	1.0	0.028	EPA-8081A	ND	A10	1
TCMX (Surrogate)	95.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	84.9	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/19/24 15:45	HKS	GC-17	19.672	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2411098-26		Client Sample Name: GB-7-1, 7/11/2024 10:40:00AM, Cassie B.							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Arsenic	3.0	mg/kg	1.0	0.40	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/15/24 18:11		JRG	PE-OP4	0.917	B193014	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-27		Client Sample Name: GB-8-1, 7/11/2024 10:20:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
4,4'-DDE	0.013	mg/kg	0.0025	0.00048	EPA-8081A	ND	A10	1
4,4'-DDT	0.0024	mg/kg	0.0025	0.00020	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A10	1
TCMX (Surrogate)	21.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	16.4	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/19/24 16:02	HKS	GC-17	4.950	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLIC)

Pace Sample ID: 2411098-27		Client Sample Name: GB-8-1, 7/11/2024 10:20:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	3.2	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/15/24 18:12		JRG	PE-OP4	0.943	B193014	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2411098-28		Client Sample Name: GB-9-1, 7/11/2024 10:50:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
4,4'-DDE	0.080	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00040	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	87.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	71.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	07/17/24 14:00	07/19/24 16:18	HKS	GC-17	10	B193049	EPA 3550B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTL)

Pace Sample ID: 2411098-28		Client Sample Name: GB-9-1, 7/11/2024 10:50:00AM, Cassie B.						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Arsenic	2.8	mg/kg	1.0	0.40	EPA-6010B	ND		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	07/15/24 08:30	07/15/24 18:13		JRG	PE-OP4	0.990	B193014	EPA 3050B

DCN = Data Continuation Number



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B193048							
Aldrin	B193048-BLK1	ND	mg/kg	0.00050	0.000018		1
alpha-BHC	B193048-BLK1	ND	mg/kg	0.00050	0.000038		1
beta-BHC	B193048-BLK1	ND	mg/kg	0.00050	0.000048		1
delta-BHC	B193048-BLK1	ND	mg/kg	0.00050	0.000037		1
gamma-BHC (Lindane)	B193048-BLK1	ND	mg/kg	0.00050	0.000018		1
Chlordane (Technical)	B193048-BLK1	ND	mg/kg	0.050	0.0010		1
4,4'-DDD	B193048-BLK1	ND	mg/kg	0.00050	0.000064		1
4,4'-DDE	B193048-BLK1	ND	mg/kg	0.00050	0.000095		1
4,4'-DDT	B193048-BLK1	ND	mg/kg	0.00050	0.000040		1
Dieldrin	B193048-BLK1	ND	mg/kg	0.00050	0.000036		1
Endosulfan I	B193048-BLK1	ND	mg/kg	0.00050	0.000020		1
Endosulfan II	B193048-BLK1	ND	mg/kg	0.00050	0.000034		1
Endosulfan sulfate	B193048-BLK1	ND	mg/kg	0.00050	0.000026		1
Endrin	B193048-BLK1	ND	mg/kg	0.00050	0.000065		1
Endrin aldehyde	B193048-BLK1	ND	mg/kg	0.00050	0.000018		1
Heptachlor	B193048-BLK1	ND	mg/kg	0.00050	0.000086		1
Heptachlor epoxide	B193048-BLK1	ND	mg/kg	0.00050	0.000017		1
Methoxychlor	B193048-BLK1	ND	mg/kg	0.00050	0.000094		1
Toxaphene	B193048-BLK1	ND	mg/kg	0.050	0.0014		1
TCMX (Surrogate)	B193048-BLK1	91.8	%	20 - 130 (LCL - UCL)			1
Decachlorobiphenyl (Surrogate)	B193048-BLK1	96.1	%	40 - 130 (LCL - UCL)			1

QC Batch ID: B193049							
Aldrin	B193049-BLK1	ND	mg/kg	0.00050	0.000018		2
alpha-BHC	B193049-BLK1	ND	mg/kg	0.00050	0.000038		2
beta-BHC	B193049-BLK1	ND	mg/kg	0.00050	0.000048		2
delta-BHC	B193049-BLK1	ND	mg/kg	0.00050	0.000037		2
gamma-BHC (Lindane)	B193049-BLK1	ND	mg/kg	0.00050	0.000018		2
Chlordane (Technical)	B193049-BLK1	ND	mg/kg	0.050	0.0010		2
4,4'-DDD	B193049-BLK1	ND	mg/kg	0.00050	0.000064		2
4,4'-DDE	B193049-BLK1	ND	mg/kg	0.00050	0.000095		2
4,4'-DDT	B193049-BLK1	ND	mg/kg	0.00050	0.000040		2
Dieldrin	B193049-BLK1	ND	mg/kg	0.00050	0.000036		2
Endosulfan I	B193049-BLK1	ND	mg/kg	0.00050	0.000020		2

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B193049							
Endosulfan II	B193049-BLK1	ND	mg/kg	0.00050	0.000034		2
Endosulfan sulfate	B193049-BLK1	ND	mg/kg	0.00050	0.000026		2
Endrin	B193049-BLK1	ND	mg/kg	0.00050	0.000065		2
Endrin aldehyde	B193049-BLK1	ND	mg/kg	0.00050	0.000018		2
Heptachlor	B193049-BLK1	ND	mg/kg	0.00050	0.000086		2
Heptachlor epoxide	B193049-BLK1	ND	mg/kg	0.00050	0.000017		2
Methoxychlor	B193049-BLK1	ND	mg/kg	0.00050	0.000094		2
Toxaphene	B193049-BLK1	ND	mg/kg	0.050	0.0014		2
TCMX (Surrogate)	B193049-BLK1	86.0	%	20 - 130 (LCL - UCL)			2
Decachlorobiphenyl (Surrogate)	B193049-BLK1	83.0	%	40 - 130 (LCL - UCL)			2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B193048-BLK1	PB	EPA-8081A	07/16/24	07/17/24 22:11	HKS	GC-17	1.017
2	B193049-BLK1	PB	EPA-8081A	07/17/23	07/18/24 16:24	HKS	GC-17	0.990



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Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	
								Percent Recovery	RPD	Quals	Run #
QC Batch ID: B193048											
Aldrin	B193048-BS1	LCS	0.0043373	0.0050000	mg/kg	86.7		70 - 130			1
alpha-BHC	B193048-BS1	LCS	0.0042637	0.0050000	mg/kg	85.3		60 - 130			1
beta-BHC	B193048-BS1	LCS	0.0044740	0.0050000	mg/kg	89.5		30 - 130			1
delta-BHC	B193048-BS1	LCS	0.0047960	0.0050000	mg/kg	95.9		60 - 130			1
gamma-BHC (Lindane)	B193048-BS1	LCS	0.0042377	0.0050000	mg/kg	84.8		60 - 130			1
4,4'-DDD	B193048-BS1	LCS	0.0045270	0.0050000	mg/kg	90.5		60 - 130			1
4,4'-DDE	B193048-BS1	LCS	0.0045950	0.0050000	mg/kg	91.9		60 - 130			1
4,4'-DDT	B193048-BS1	LCS	0.0045780	0.0050000	mg/kg	91.6		60 - 130			1
Dieldrin	B193048-BS1	LCS	0.0046153	0.0050000	mg/kg	92.3		70 - 130			1
Endosulfan I	B193048-BS1	LCS	0.0041323	0.0050000	mg/kg	82.6		60 - 130			1
Endosulfan II	B193048-BS1	LCS	0.0042807	0.0050000	mg/kg	85.6		60 - 130			1
Endosulfan sulfate	B193048-BS1	LCS	0.0056030	0.0050000	mg/kg	112		60 - 130			1
Endrin	B193048-BS1	LCS	0.0047347	0.0050000	mg/kg	94.7		60 - 130			1
Endrin aldehyde	B193048-BS1	LCS	0.0038223	0.0050000	mg/kg	76.4		60 - 130			1
Heptachlor	B193048-BS1	LCS	0.0045350	0.0050000	mg/kg	90.7		60 - 130			1
Heptachlor epoxide	B193048-BS1	LCS	0.0043417	0.0050000	mg/kg	86.8		60 - 130			1
Methoxychlor	B193048-BS1	LCS	0.0046953	0.0050000	mg/kg	93.9		60 - 130			1
TCMX (Surrogate)	B193048-BS1	LCS	0.0089427	0.010000	mg/kg	89.4		20 - 130			1
Decachlorobiphenyl (Surrogate)	B193048-BS1	LCS	0.018126	0.020000	mg/kg	90.6		40 - 130			1
QC Batch ID: B193049											
Aldrin	B193049-BS1	LCS	0.0052315	0.0050847	mg/kg	103		70 - 130			2
alpha-BHC	B193049-BS1	LCS	0.0050681	0.0050847	mg/kg	99.7		60 - 130			2
beta-BHC	B193049-BS1	LCS	0.0050180	0.0050847	mg/kg	98.7		30 - 130			2
delta-BHC	B193049-BS1	LCS	0.0049359	0.0050847	mg/kg	97.1		60 - 130			2
gamma-BHC (Lindane)	B193049-BS1	LCS	0.0050261	0.0050847	mg/kg	98.8		60 - 130			2
4,4'-DDD	B193049-BS1	LCS	0.0052268	0.0050847	mg/kg	103		60 - 130			2
4,4'-DDE	B193049-BS1	LCS	0.0052620	0.0050847	mg/kg	103		60 - 130			2
4,4'-DDT	B193049-BS1	LCS	0.0047915	0.0050847	mg/kg	94.2		60 - 130			2
Dieldrin	B193049-BS1	LCS	0.0052034	0.0050847	mg/kg	102		70 - 130			2
Endosulfan I	B193049-BS1	LCS	0.0049288	0.0050847	mg/kg	96.9		60 - 130			2
Endosulfan II	B193049-BS1	LCS	0.0048814	0.0050847	mg/kg	96.0		60 - 130			2
Endosulfan sulfate	B193049-BS1	LCS	0.0055719	0.0050847	mg/kg	110		60 - 130			2
Endrin	B193049-BS1	LCS	0.0050844	0.0050847	mg/kg	100		60 - 130			2

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Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD		
QC Batch ID: B193049											
Endrin aldehyde	B193049-BS1	LCS	0.0041044	0.0050847	mg/kg	80.7		60 - 130			2
Heptachlor	B193049-BS1	LCS	0.0053383	0.0050847	mg/kg	105		60 - 130			2
Heptachlor epoxide	B193049-BS1	LCS	0.0052488	0.0050847	mg/kg	103		60 - 130			2
Methoxychlor	B193049-BS1	LCS	0.0049058	0.0050847	mg/kg	96.5		60 - 130			2
TCMX (Surrogate)	B193049-BS1	LCS	0.0094095	0.010169	mg/kg	92.5		20 - 130			2
Decachlorobiphenyl (Surrogate)	B193049-BS1	LCS	0.016669	0.020339	mg/kg	82.0		40 - 130			2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B193048-BS1	LCS	EPA-8081A	07/16/24	07/17/24	22:28	HKS	GC-17	1
2	B193049-BS1	LCS	EPA-8081A	07/17/23	07/18/24	16:41	HKS	GC-17	1.017



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Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits			
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B193048		Used client sample: Y - Description: TB1-1, 07/11/2024 08:00										
Aldrin	MS	2411098-01	ND	0.0042179	0.0049834	mg/kg		84.6		50 - 140		1
	MSD	2411098-01	ND	0.0044578	0.0050676	mg/kg	5.5	88.0	30	50 - 140		2
alpha-BHC	MS	2411098-01	ND	0.0044548	0.0049834	mg/kg		89.4		50 - 140		1
	MSD	2411098-01	ND	0.0047091	0.0050676	mg/kg	5.6	92.9	30	50 - 140		2
beta-BHC	MS	2411098-01	ND	0.0050425	0.0049834	mg/kg		101		30 - 140		1
	MSD	2411098-01	ND	0.0051247	0.0050676	mg/kg	1.6	101	30	30 - 140		2
delta-BHC	MS	2411098-01	ND	0.0045355	0.0049834	mg/kg		91.0		50 - 140		1
	MSD	2411098-01	ND	0.0045345	0.0050676	mg/kg	0.0	89.5	30	50 - 140		2
gamma-BHC (Lindane)	MS	2411098-01	ND	0.0044159	0.0049834	mg/kg		88.6		50 - 140		1
	MSD	2411098-01	ND	0.0046760	0.0050676	mg/kg	5.7	92.3	30	50 - 140		2
4,4'-DDD	MS	2411098-01	0.00068885	0.0051113	0.0049834	mg/kg		88.7		50 - 140		1
	MSD	2411098-01	0.00068885	0.0054159	0.0050676	mg/kg	5.8	93.3	30	50 - 140		2
4,4'-DDE	MS	2411098-01	0.0088399	0.017989	0.0049834	mg/kg		184		50 - 140	Q03	1
	MSD	2411098-01	0.0088399	0.019074	0.0050676	mg/kg	5.9	202	30	50 - 140	Q03	2
4,4'-DDT	MS	2411098-01	0.0017622	0.0076093	0.0049834	mg/kg		117		50 - 140	Q03	1
	MSD	2411098-01	0.0017622	0.0082392	0.0050676	mg/kg	7.9	128	30	50 - 140		2
Dieldrin	MS	2411098-01	0.0010392	0.0059169	0.0049834	mg/kg		97.9		40 - 140		1
	MSD	2411098-01	0.0010392	0.0057338	0.0050676	mg/kg	3.1	92.6	30	40 - 140		2
Endosulfan I	MS	2411098-01	ND	0.0032166	0.0049834	mg/kg		64.5		50 - 140		1
	MSD	2411098-01	ND	0.0033084	0.0050676	mg/kg	2.8	65.3	30	50 - 140		2
Endosulfan II	MS	2411098-01	ND	0.0039917	0.0049834	mg/kg		80.1		50 - 140		1
	MSD	2411098-01	ND	0.0043645	0.0050676	mg/kg	8.9	86.1	30	50 - 140		2
Endosulfan sulfate	MS	2411098-01	ND	0.0051993	0.0049834	mg/kg		104		50 - 140		1
	MSD	2411098-01	ND	0.0058024	0.0050676	mg/kg	11.0	114	30	50 - 140		2
Endrin	MS	2411098-01	ND	0.0045452	0.0049834	mg/kg		91.2		50 - 140		1
	MSD	2411098-01	ND	0.0049514	0.0050676	mg/kg	8.6	97.7	30	50 - 140		2
Endrin aldehyde	MS	2411098-01	ND	0.0043860	0.0049834	mg/kg		88.0		50 - 140		1
	MSD	2411098-01	ND	0.0048051	0.0050676	mg/kg	9.1	94.8	30	50 - 140		2
Heptachlor	MS	2411098-01	ND	0.0040279	0.0049834	mg/kg		80.8		60 - 140		1
	MSD	2411098-01	ND	0.0048875	0.0050676	mg/kg	19.3	96.4	30	60 - 140		2
Heptachlor epoxide	MS	2411098-01	ND	0.0044425	0.0049834	mg/kg		89.1		50 - 140		1
	MSD	2411098-01	ND	0.0047497	0.0050676	mg/kg	6.7	93.7	30	50 - 140		2
Methoxychlor	MS	2411098-01	ND	0.0044302	0.0049834	mg/kg		88.9		50 - 140		1
	MSD	2411098-01	ND	0.0050253	0.0050676	mg/kg	12.6	99.2	30	50 - 140		2
TCMX (Surrogate)	MS	2411098-01	ND	0.0078615	0.0099668	mg/kg		78.9		20 - 130		1
	MSD	2411098-01	ND	0.0083716	0.010135	mg/kg	6.3	82.6		20 - 130		2

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Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits			
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B193048		Used client sample: Y - Description: TB1-1, 07/11/2024 08:00										
Decachlorobiphenyl (Surrogate)	MS	2411098-01	ND	0.013848	0.019934	mg/kg		69.5		40 - 130		1
	MSD	2411098-01	ND	0.015425	0.020270	mg/kg	10.8	76.1		40 - 130		2
QC Batch ID: B193049		Used client sample: Y - Description: GB-2-1, 07/11/2024 09:40										
Aldrin	MS	2411098-21	ND	0.0031950	0.0049505	mg/kg		64.5		50 - 140		3
	MSD	2411098-21	ND	0.0040694	0.0050505	mg/kg	24.1	80.6	30	50 - 140		4
alpha-BHC	MS	2411098-21	ND	0.0032693	0.0049505	mg/kg		66.0		50 - 140		3
	MSD	2411098-21	ND	0.0031219	0.0050505	mg/kg	4.6	61.8	30	50 - 140		4
beta-BHC	MS	2411098-21	ND	0.0043541	0.0049505	mg/kg		88.0		30 - 140		3
	MSD	2411098-21	ND	0.0040040	0.0050505	mg/kg	8.4	79.3	30	30 - 140		4
delta-BHC	MS	2411098-21	ND	0.0033957	0.0049505	mg/kg		68.6		50 - 140		3
	MSD	2411098-21	ND	0.0041074	0.0050505	mg/kg	19.0	81.3	30	50 - 140		4
gamma-BHC (Lindane)	MS	2411098-21	ND	0.0031733	0.0049505	mg/kg		64.1		50 - 140		3
	MSD	2411098-21	ND	0.0031667	0.0050505	mg/kg	0.2	62.7	30	50 - 140		4
4,4'-DDD	MS	2411098-21	ND	0.0031122	0.0049505	mg/kg		62.9		50 - 140		3
	MSD	2411098-21	ND	0.0039832	0.0050505	mg/kg	24.5	78.9	30	50 - 140		4
4,4'-DDE	MS	2411098-21	0.0062177	0.013618	0.0049505	mg/kg		149		50 - 140	Q03	3
	MSD	2411098-21	0.0062177	0.016043	0.0050505	mg/kg	16.3	195	30	50 - 140	Q03	4
4,4'-DDT	MS	2411098-21	ND	0.0035861	0.0049505	mg/kg		72.4		50 - 140		3
	MSD	2411098-21	ND	0.0044781	0.0050505	mg/kg	22.1	88.7	30	50 - 140		4
Dieldrin	MS	2411098-21	ND	0.0031129	0.0049505	mg/kg		62.9		40 - 140		3
	MSD	2411098-21	ND	0.0037889	0.0050505	mg/kg	19.6	75.0	30	40 - 140		4
Endosulfan I	MS	2411098-21	ND	0.0031366	0.0049505	mg/kg		63.4		50 - 140		3
	MSD	2411098-21	ND	0.0032929	0.0050505	mg/kg	4.9	65.2	30	50 - 140		4
Endosulfan II	MS	2411098-21	ND	0.0030399	0.0049505	mg/kg		61.4		50 - 140		3
	MSD	2411098-21	ND	0.0039653	0.0050505	mg/kg	26.4	78.5	30	50 - 140		4
Endosulfan sulfate	MS	2411098-21	ND	0.0034657	0.0049505	mg/kg		70.0		50 - 140		3
	MSD	2411098-21	ND	0.0044337	0.0050505	mg/kg	24.5	87.8	30	50 - 140		4
Endrin	MS	2411098-21	ND	0.0030505	0.0049505	mg/kg		61.6		50 - 140		3
	MSD	2411098-21	ND	0.0037074	0.0050505	mg/kg	19.4	73.4	30	50 - 140		4
Endrin aldehyde	MS	2411098-21	ND	0.0027376	0.0049505	mg/kg		55.3		50 - 140		3
	MSD	2411098-21	ND	0.0038121	0.0050505	mg/kg	32.8	75.5	30	50 - 140	Q02	4
Heptachlor	MS	2411098-21	ND	0.0033502	0.0049505	mg/kg		67.7		60 - 140		3
	MSD	2411098-21	ND	0.0040431	0.0050505	mg/kg	18.7	80.1	30	60 - 140		4
Heptachlor epoxide	MS	2411098-21	ND	0.0029023	0.0049505	mg/kg		58.6		50 - 140		3
	MSD	2411098-21	ND	0.0037199	0.0050505	mg/kg	24.7	73.7	30	50 - 140		4
Methoxychlor	MS	2411098-21	ND	0.0030063	0.0049505	mg/kg		60.7		50 - 140		3
	MSD	2411098-21	ND	0.0046007	0.0050505	mg/kg	41.9	91.1	30	50 - 140	Q02	4

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Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Percent Recovery	Lab Quals	R#	
QC Batch ID: B193049		Used client sample: Y - Description: GB-2-1, 07/11/2024 09:40										
TCMX (Surrogate)	MS	2411098-21	ND	0.0071158	0.0099010	mg/kg		71.9	20 - 130		3	
	MSD	2411098-21	ND	0.0075434	0.010101	mg/kg	5.8	74.7	20 - 130		4	
Decachlorobiphenyl (Surrogate)	MS	2411098-21	ND	0.011628	0.019802	mg/kg		58.7	40 - 130		3	
	MSD	2411098-21	ND	0.015117	0.020202	mg/kg	26.1	74.8	40 - 130		4	

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B193048-MS1	MS	EPA-8081A	07/16/24	07/17/24 22:45	HKS	GC-17	0.997
2	B193048-MSD1	MSD	EPA-8081A	07/16/24	07/17/24 23:01	HKS	GC-17	1.014
3	B193049-MS1	MS	EPA-8081A	07/17/23	07/18/24 16:57	HKS	GC-17	0.990
4	B193049-MSD1	MSD	EPA-8081A	07/17/23	07/18/24 17:14	HKS	GC-17	1.010



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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B193050							
TPH - Diesel Range Organics (C12 - C22)	B193050-BLK1	ND	mg/kg	1.0	0.70		1
TPH - Oil Range Organics (C23 - C32)	B193050-BLK1	ND	mg/kg	2.0	0.98		1
Tetracosane (Surrogate)	B193050-BLK1	76.5	%	40 - 130 (LCL - UCL)			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B193050-BLK1	PB	EPA-8015B/CC	07/16/24	07/18/24 07:12	BUP	GC-19	0.997



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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD		
QC Batch ID: B193050											
TPH - Diesel Range Organics (C12 - C22)	B193050-BS1	LCS	15.706	16.556	mg/kg	94.9		58 - 120			1
TPH - Oil Range Organics (C23 - C32)	B193050-BS1	LCS	39.256	33.113	mg/kg	119		40 - 130			1
Tetracosane (Surrogate)	B193050-BS1	LCS	0.57947	0.66225	mg/kg	87.5		40 - 130			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B193050-BS1	LCS	EPA-8015B/CC	07/16/24	07/18/24 07:30	BUP	GC-19	0.993

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B193050		Used client sample: Y - Description: R1-1, 07/11/2024 11:00										
TPH - Diesel Range Organics (C12 - C22)	MS	2411098-17	4.0977	15.620	16.949	mg/kg		68.0		49 - 120		1
	MSD	2411098-17	4.0977	17.388	16.835	mg/kg	10.7	78.9	30	49 - 120		2
TPH - Oil Range Organics (C23 - C32)	MS	2411098-17	30.256	61.708	33.898	mg/kg		92.8		40 - 130		1
	MSD	2411098-17	30.256	67.678	33.670	mg/kg	9.2	111	30	40 - 130		2
Tetracosane (Surrogate)	MS	2411098-17	ND	0.43797	0.67797	mg/kg		64.6		40 - 130		1
	MSD	2411098-17	ND	0.47912	0.67340	mg/kg	9.0	71.1		40 - 130		2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B193050-MS1	MS	EPA-8015B/CC	07/16/24	07/18/24 08:06	BUP	GC-19	1.017
2	B193050-MSD1	MSD	EPA-8015B/CC	07/16/24	07/18/24 08:23	BUP	GC-19	1.010



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B192904							
Gasoline Range Organics (C4 - C12)	B192904-BLK1	ND	mg/kg	1.0	0.42		1
a,a,a-Trifluorotoluene (FID Surrogate)	B192904-BLK1	80.0	%	70 - 130 (LCL - UCL)			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B192904-BLK1	PB	EPA-8015B	07/15/24	07/15/24	09:59	SR1	GC-V8	1



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD		
QC Batch ID: B192904											
Gasoline Range Organics (C4 - C12)	B192904-BS1	LCS	5.2720	5.0000	mg/kg	105		85 - 115			1
a,a,a-Trifluorotoluene (FID Surrogate)	B192904-BS1	LCS	0.042000	0.040000	mg/kg	105		70 - 130			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B192904-BS1	LCS	EPA-8015B	07/15/24	07/15/24 10:48	SR1	GC-V8	1



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B192904		Used client sample: N										
Gasoline Range Organics (C4 - C12)	MS	2411038-02	ND	5.4350	5.0000	mg/kg		109		70 - 130		1
	MSD	2411038-02	ND	4.3370	5.0000	mg/kg	22.5	86.7	20	70 - 130	Q02	2
a,a,a-Trifluorotoluene (FID Surrogate)	MS	2411038-02	ND	0.042000	0.040000	mg/kg		105		70 - 130		1
	MSD	2411038-02	ND	0.039000	0.040000	mg/kg	7.4	97.5		70 - 130		2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B192904-MS1	MS	EPA-8015B	07/15/24	07/15/24 11:12	SR1	GC-V8	1
2	B192904-MSD1	MSD	EPA-8015B	07/15/24	07/15/24 11:37	SR1	GC-V8	1



Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
-------------	--------------	-----------	-------	-----	-----	-----------	-------

QC Batch ID: B193014

Arsenic	B193014-BLK1	ND	mg/kg	1.0	0.40		1
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QC Batch ID: B193015

Arsenic	B193015-BLK1	ND	mg/kg	1.0	0.40		2
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QC Batch ID: B193097

Arsenic	B193097-BLK1	ND	mg/kg	1.0	0.40		3
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Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B193014-BLK1	PB	EPA-6010B	07/15/24	07/15/24 16:44	JRG	PE-OP4	1
2	B193015-BLK1	PB	EPA-6010B	07/15/24	07/16/24 11:26	JEH	ICP5	1
3	B193097-BLK1	PB	EPA-6010B	07/16/24	07/18/24 17:44	JRG	PE-OP4	1

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD	Quals	
QC Batch ID: B193014											
Arsenic	B193014-BS1	LCS	20.229	20.000	mg/kg	101		75 - 125			1
QC Batch ID: B193015											
Arsenic	B193015-BS1	LCS	19.815	20.000	mg/kg	99.1		75 - 125			2
QC Batch ID: B193097											
Arsenic	B193097-BS1	LCS	20.537	20.000	mg/kg	103		75 - 125			3
	B193097-BSD1	LCSD	20.772	20.000	mg/kg	104	1.1	75 - 125	20		4

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B193014-BS1	LCS	EPA-6010B	07/15/24	07/15/24	16:45	JRG	PE-OP4	1
2	B193015-BS1	LCS	EPA-6010B	07/15/24	07/16/24	11:28	JEH	ICP5	1
3	B193097-BS1	LCS	EPA-6010B	07/16/24	07/18/24	17:46	JRG	PE-OP4	1
4	B193097-BSD1	LCSD	EPA-6010B	07/16/24	07/18/24	17:47	JRG	PE-OP4	1

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals	R#
									RPD	Percent Recovery		
QC Batch ID: B193014		Used client sample: N										
Arsenic	DUP	2411038-01	0.50778	1.0194		mg/kg	67.0		20		A02	1
	MS	2411038-01	0.50778	20.431	20.000	mg/kg		99.6		75 - 125		2
	MSD	2411038-01	0.50778	19.844	20.000	mg/kg	2.9	96.7	20	75 - 125		3
QC Batch ID: B193015		Used client sample: Y - Description: TB1-1, 07/11/2024 08:00										
Arsenic	DUP	2411098-01	2.2150	2.1500		mg/kg	3.0		20			4
	MS	2411098-01	2.2150	21.710	20.000	mg/kg		97.5		75 - 125		5
	MSD	2411098-01	2.2150	21.945	20.000	mg/kg	1.1	98.6	20	75 - 125		6
QC Batch ID: B193097		Used client sample: Y - Description: GB-2-1, 07/11/2024 09:40										
Arsenic	DUP	2411098-21	3.1096	3.2564		mg/kg	4.6		20		J	7
	MS	2411098-21	3.1096	23.110	20.000	mg/kg		100		75 - 125		8
	MSD	2411098-21	3.1096	17.839	20.000	mg/kg	25.7	73.6	20	75 - 125	Q02,Q03	9

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B193014-DUP1	DUP	EPA-6010B	07/15/24	07/15/24	16:48	JRG	PE-OP4	1
2	B193014-MS1	MS	EPA-6010B	07/15/24	07/15/24	16:51	JRG	PE-OP4	1
3	B193014-MSD1	MSD	EPA-6010B	07/15/24	07/15/24	16:53	JRG	PE-OP4	1
4	B193015-DUP1	DUP	EPA-6010B	07/15/24	07/16/24	11:32	JEH	ICP5	1
5	B193015-MS1	MS	EPA-6010B	07/15/24	07/16/24	11:36	JEH	ICP5	1
6	B193015-MSD1	MSD	EPA-6010B	07/15/24	07/16/24	11:38	JEH	ICP5	1
7	B193097-DUP1	DUP	EPA-6010B	07/16/24	07/18/24	16:25	JRG	PE-OP4	5
8	B193097-MS1	MS	EPA-6010B	07/16/24	07/18/24	16:27	JRG	PE-OP4	5
9	B193097-MSD1	MSD	EPA-6010B	07/16/24	07/18/24	19:55	JRG	PE-OP4	5

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 07/22/2024 14:46
Project: Coachella
Project Number: [none]
Project Manager: Cassie Bretschger

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A10	Detection and quantitation limits were raised due to matrix interference.
A52	Chromatogram not typical of diesel.
A57	Chromatogram not typical of motor oil.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S09	The surrogate recovery for this compound was not within the control limits.

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Date of Report: 09/19/2024

Cassie Bretschger

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Client Project: Coachella
Pace Project: Coachella
Pace Work Order: 2414419
Invoice ID: B503981

Enclosed are the results of analyses for samples received by the laboratory on 9/7/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Ragen Williams
Client Service Rep

Stuart Buttram
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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Chain of Custody and Cooler Receipt Form for 2414419 Page 1 of 4

24-14419

Pace

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain of Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY: Atlas Workon

2414419

Company Name: Kimley Horn

Street Address: Cassie Bretschger

City/State/Zip: Cassie-Bretschger@kimleyhorn.com

Customer Project #: Coachella

Project Name: Coachella

Site Collection Info/Facility ID (if applicable):

Time Zone Collected: ☒ JAK ☐ PT ☐ MT ☐ ET

Data Deliverables: ☐ Level II ☐ Level III ☐ Level IV ☐ EQUIS ☐ Other

Regulatory Program (DW, RCRA, etc.) as applicable:

Rush (Pre-approval required): ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ Other

Date Results Requested: Standard

***Matrix Code (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Solid (S), Sediment (SD), Sludge (SL), Caulk (CK), Leachate (LL), Residual (RS), Other (OT)

Customer Sample ID

Customer Sample ID	Comp / Grab	Matrix *	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Residual Chlorine Result	Units
R2B1	g	S	9/16/24	7:15			1		
R2B2	g	S	9/16/24	7:20			1		
R2N-1	g	S	9/16/24	6:20			1		
R2N-2	g	S	9/16/24	6:30			1		
R2N-3	g	S	9/16/24	6:40			1		
R2E-1	g	S	9/16/24	6:45			1		
R2E-2	g	S	9/16/24	6:50			1		
R2E-3	g	S	9/16/24	6:55			1		

Additional Instructions from Pace®:

Reinquired by Company (Signature): [Signature] **Date/Time:** 9/17/24 11:10

Reinquired by Company (Signature): [Signature] **Date/Time:** 9/17/24 11:10

Reinquired by Company (Signature): [Signature] **Date/Time:** 9/17/24 11:10

Reinquired by Company (Signature): [Signature] **Date/Time:** 9/17/24 11:10

Customer Remarks / Special Conditions / Possible Hazards:

Thermometer ID: 1110 **Obs. Temp. (°C):** 11.0 **Corrected Temp. (°C):** 11.0 **On Ice:** ☐ **On Ice:** ☐

Trading Number: 1110

Delivered by: ☐ In-Person ☐ Courier ☐ FedEx ☐ UPS ☐ Other

Page: 1 **of** 1

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Chain of Custody and Cooler Receipt Form for 2414419 Page 2 of 4

24-14419

Pace Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**

Company Name: Kimley-Horn
Street Address: CASAT Brechtel
Phone #: Same
E-Mail: Same
C-C E-Mail: Same
Invoice to: Same
Invoice Email: Same
Purchase Order # (if applicable): Same
Quote #: Same

Site Collection Info/Facility ID (as applicable): Coachella
Time Zone Collected: PT MT CT ET
Data Deliverables: PT MT CT ET
Regulatory Program (DW, RCRA, etc.) as applicable: CA
Rush (Pre-approval required): Standard
Date Results Requested: Standard
Matrix Code (Insert in Matrix box below) Drinking Water (DW), Wastewater (WW), Surface Water (SW), Sediment (SD), Sludge (SL), Soil (SO), Leachate (LL), Biosolid (BS), Other (OT): Standard

LAB USE ONLY - Affix Workorder/Label Here

Specify Container Size **
(4) 125mL, (5) 100mL, (6) 40mL, (7) 10mL, (8) 5mL, (9) 1mL, (10) 0.5mL, (11) 0.1mL, (12) 0.05mL, (13) 0.01mL, (14) 0.005mL, (15) 0.001mL, (16) 0.0005mL, (17) 0.0001mL, (18) 0.00005mL, (19) 0.00001mL, (20) Other

Identify Container Preservative Type**
(1) HCl, (2) NaOH, (3) Na2S2O8, (4) H2O2, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Na2SO4, (9) Thiodiazole, (10) Ascorbic Acid, (11) MACH, (12) Other

Analysis Requested

Proj. Mgr: OCPS
Accum / Client ID: TPH-6/10
Table #: X X X
Profile / Template: X X X
Preservative non-conformance identified for sample: X X X
Sample Comment: -9
-10
-11

Customer Remarks / Special Conditions / Possible Hazards:

Thermometer ID: 9/7/24 Obs. Temp. (°C): 1110 Correction Factor (°C): 0 On Ice: Yes

Tracing Number: CL2
Delivered by: CL2 In-Person: Yes Courier: No
FedEx: No UPS: No Other: No

Page: 2 of 2

Chain of Custody and Cooler Receipt Form for 2414419 Page 3 of 4

PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>1</u> Of <u>2</u>	
Submission #: <u>24-14419</u>					
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☒ NO ☐ (W) / S
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals: Ice Chest ☐ Containers ☐ None ☒ Comments: _____					
Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☐ No ☒ Description(s) match COC? Yes ☐ No ☐					
COC Received YES ☒ NO ☐		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>TH337</u> Temperature: (A) <u>1.8</u> °C / (C) <u>1.6</u> °C		Date/Time <u>9/7/24 1110</u> Analyst Init <u>CL2</u>	

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴										
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										
PLA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/508.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	E	E	E	A	E	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT		A-D	A-D	A-D		A-D			A-D	
SUMMA CANISTER	CL2	9/7/24								

Comments: (-10A received a broken jar lid) (only received 3 smart kits missing 1 for each)

Sample Numbering Completed By: CL2

Date/Time: 9/7/24 1451

Rev 23 05/20/22

A = Actual / C = Corrected

[S:\WPDoc\WordPerfect\LAB_DOC\FORMS\ISAMRECrev 20]

Chain of Custody and Cooler Receipt Form for 2414419 Page 4 of 4

PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>2</u> Of <u>2</u>							
Submission #: <u>24-14419</u>											
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☒ NO ☐ (W) / S						
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____											
Custody Seals: Ice Chest ☐ Containers ☐ None ☒ Comments: _____											
All samples received? Yes ☐ No ☒ All samples containers intact? Yes ☐ No ☒ Description(s) match COC? Yes ☒ No ☐											
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>TH337</u> Temperature: (A) <u>1.8</u> °C / (C) <u>1.6</u> °C		Date/Time <u>9/7/24 1110</u> Analyst Init <u>CL2</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁴											
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											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608.3/8081A											
QT EPA 515.1/8151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548.1											
QT EPA 549.2											
QT EPA 8015M											
QT EPA 8270C											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CL2 Date/Time: 9/7/24 1451
 A = Actual / C = Corrected

Rev 23 05/20/22

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

All results listed in this report are for the exclusive use of the submitting party. Pace Analytical assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2414419-01	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2B-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-02	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2B-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-03	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 06:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2N-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-04	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 06:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2N-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-05	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 06:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2N-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-06	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 06:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2E-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-07	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 06:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2E-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2414419-08	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 06:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2E-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-09	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2W-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-10	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2W-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414419-11	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R2W-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414419-01		Client Sample Name: R2B-1, 9/6/2024 7:15:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00041	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.0012	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00076	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00061	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.14	mg/kg	0.050	0.033	EPA-8081A	ND	A10	1
4,4'-DDD	0.0080	mg/kg	0.0050	0.00073	EPA-8081A	ND	A10	1
4,4'-DDE	0.061	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
4,4'-DDT	0.075	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Dieldrin	0.0011	mg/kg	0.0050	0.00069	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00074	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00087	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00047	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00050	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00052	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.038	EPA-8081A	ND	A10	1
TCMX (Surrogate)	97.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	92.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 10:56	HKS	GC-17	10	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414419-01		Client Sample Name: R2B-1, 9/6/2024 7:15:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.4	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	110	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.18	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.56	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	17	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	6.5	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	12	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	0.80	mg/kg	2.5	0.41	EPA-6010B	ND	J	1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.26	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	9.5	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	33	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	79	mg/kg	2.5	0.087	EPA-6010B	0.20		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/11/24 09:25	09/11/24 23:33	JEH	ICP6	0.943	B196713	EPA 3050B
2	EPA-7471A	09/18/24 22:00	09/19/24 10:32	TMT	CETAC3	0.977	B197123	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414419-02		Client Sample Name: R2B-2, 9/6/2024 7:20:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0010	0.000082	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.000058	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.00024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.026	mg/kg	0.010	0.0066	EPA-8081A	ND	A10	1
4,4'-DDD	0.0016	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
4,4'-DDE	0.011	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
4,4'-DDT	0.014	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Dieldrin	0.00016	mg/kg	0.0010	0.00014	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.000058	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.000094	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00010	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00010	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.020	0.0076	EPA-8081A	ND	A10	1
TCMX (Surrogate)	20.7	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	16.8	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 11:13	HKS	GC-17	1.993	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Pace Sample ID: 2414419-02		Client Sample Name: R2B-2, 9/6/2024 7:20:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C12 - C22)	1.8	mg/kg	1.0	0.70	EPA-8015B	ND	A52	1
TPH - Oil Range Organics (C23 - C32)	10	mg/kg	2.0	0.98	EPA-8015B	ND	A57	1
Tetracosane (Surrogate)	69.3	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/16/24 20:00	09/17/24 13:36	BUP	GC-2	0.987	B196581	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Pace Sample ID:	2414419-02	Client Sample Name:	R2B-2, 9/6/2024 7:20:00AM, Client					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.42	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	82.5	%	70 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/09/24 07:37	09/09/24 13:38	JMH2	GC-V8	0.940	B196508	EPA 5035 Soil GC

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414419-02		Client Sample Name: R2B-2, 9/6/2024 7:20:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.3	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	110	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.18	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.57	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	17	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	6.3	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	14	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	1.8	mg/kg	2.5	0.41	EPA-6010B	ND	J	1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.36	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	9.5	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	32	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	75	mg/kg	2.5	0.087	EPA-6010B	0.20		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/11/24 09:25	09/11/24 23:35	JEH	ICP6	0.935	B196713	EPA 3050B
2	EPA-7471A	09/18/24 22:00	09/19/24 10:34	TMT	CETAC3	0.992	B197123	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414419-03		Client Sample Name: R2N-1, 9/6/2024 6:20:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00082	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.0024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.26	mg/kg	0.10	0.066	EPA-8081A	ND	A10	1
4,4'-DDD	0.0076	mg/kg	0.010	0.0015	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.20	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
4,4'-DDT	0.048	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Dieldrin	0.0027	mg/kg	0.010	0.0014	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00094	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.20	0.076	EPA-8081A	ND	A10	1
TCMX (Surrogate)	104	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	94.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 11:30	HKS	GC-17	20.339	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Pace Sample ID: 2414419-03		Client Sample Name: R2N-1, 9/6/2024 6:20:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C12 - C22)	3.7	mg/kg	1.0	0.70	EPA-8015B	ND	A52	1
TPH - Oil Range Organics (C23 - C32)	46	mg/kg	2.0	0.98	EPA-8015B	ND	A57	1
Tetracosane (Surrogate)	101	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/16/24 20:00	09/17/24 13:54	BUP	GC-2	1	B196581	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Pace Sample ID:	2414419-03	Client Sample Name:	R2N-1, 9/6/2024 6:20:00AM, Client					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.3	0.53	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	75.0	%	70 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/09/24 07:37	09/09/24 15:17	JMH2	GC-V8	1.266	B196508	EPA 5035 Soil GC

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414419-03		Client Sample Name: R2N-1, 9/6/2024 6:20:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.1	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	70	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.14	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.70	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	12	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	4.2	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	12	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	9.7	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.38	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	6.4	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	22	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	68	mg/kg	2.5	0.087	EPA-6010B	0.20		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/11/24 09:25	09/11/24 23:37	JEH	ICP6	0.962	B196713	EPA 3050B
2	EPA-7471A	09/18/24 22:00	09/19/24 10:39	TMT	CETAC3	1.008	B197123	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414419-06		Client Sample Name: R2E-1, 9/6/2024 6:45:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00041	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.0012	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00076	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00061	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.36	mg/kg	0.050	0.033	EPA-8081A	ND	A10	1
4,4'-DDD	0.0096	mg/kg	0.0050	0.00073	EPA-8081A	ND	A10	1
4,4'-DDE	0.20	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
4,4'-DDT	0.080	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00069	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00074	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00087	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00047	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00050	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00052	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.038	EPA-8081A	ND	A10	1
TCMX (Surrogate)	92.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	66.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 03:55	HKS	GC-17	10.067	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Pace Sample ID: 2414419-06		Client Sample Name: R2E-1, 9/6/2024 6:45:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C12 - C22)	27	mg/kg	1.0	0.70	EPA-8015B	ND	A52	1
TPH - Oil Range Organics (C23 - C32)	34	mg/kg	2.0	0.98	EPA-8015B	ND	A57	1
Tetracosane (Surrogate)	31.9	%	40 - 130 (LCL - UCL)		EPA-8015B		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/16/24 20:00	09/17/24 14:11	BUP	GC-2	1	B196581	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Pace Sample ID:	2414419-06	Client Sample Name:	R2E-1, 9/6/2024 6:45:00AM, Client					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.2	0.49	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	75.0	%	70 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/09/24 07:37	09/09/24 15:42	JMH2	GC-V8	1.157	B196508	EPA 5035 Soil GC

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414419-06		Client Sample Name: R2E-1, 9/6/2024 6:45:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.7	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	120	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.20	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.48	mg/kg	0.50	0.052	EPA-6010B	ND	J	1	
Chromium	18	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	7.0	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	9.9	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	1.3	mg/kg	2.5	0.41	EPA-6010B	ND	J	1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.47	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	10	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	34	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	58	mg/kg	2.5	0.087	EPA-6010B	0.21		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/11/24 09:25	09/11/24 23:39	JEH	ICP6	0.990	B196713	EPA 3050B
2	EPA-7471A	09/18/24 22:00	09/19/24 10:41	TMT	CETAC3	0.962	B197123	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414419-09		Client Sample Name: R2W-1, 9/6/2024 7:00:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00041	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.0012	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00076	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00061	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.074	mg/kg	0.050	0.033	EPA-8081A	ND	A10	1
4,4'-DDD	0.0037	mg/kg	0.0050	0.00073	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.019	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
4,4'-DDT	0.0034	mg/kg	0.0050	0.00060	EPA-8081A	ND	J,A10	1
Dieldrin	0.0039	mg/kg	0.0050	0.00069	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00074	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00087	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00047	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00050	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00052	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.038	EPA-8081A	ND	A10	1
TCMX (Surrogate)	62.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	59.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 04:12	HKS	GC-17	10.101	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Pace Sample ID:	2414419-09	Client Sample Name:	R2W-1, 9/6/2024 7:00:00AM, Client					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C12 - C22)	27	mg/kg	1.0	0.70	EPA-8015B	ND	A52	1
TPH - Oil Range Organics (C23 - C32)	32	mg/kg	2.0	0.98	EPA-8015B	ND	A57	1
Tetracosane (Surrogate)	52.7	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/16/24 20:00	09/17/24 14:28	BUP	GC-2	0.984	B196581	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Pace Sample ID:	2414419-09	Client Sample Name:	R2W-1, 9/6/2024 7:00:00AM, Client					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.2	0.48	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	70.0	%	70 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/09/24 07:37	09/09/24 16:07	JMH2	GC-V8	1.155	B196508	EPA 5035 Soil GC

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414419-09		Client Sample Name: R2W-1, 9/6/2024 7:00:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	2.5	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	87	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.17	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.57	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	17	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	5.5	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	25	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	4.5	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	1.0	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	11	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	28	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	67	mg/kg	2.5	0.087	EPA-6010B	0.21		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/11/24 09:25	09/11/24 23:05	JEH	ICP6	1	B196713	EPA 3050B
2	EPA-7471A	09/18/24 22:00	09/19/24 10:42	TMT	CETAC3	1.008	B197123	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B196573							
Aldrin	B196573-BLK1	ND	mg/kg	0.00050	0.000041		1
alpha-BHC	B196573-BLK1	ND	mg/kg	0.00050	0.000029		1
beta-BHC	B196573-BLK1	ND	mg/kg	0.00050	0.00012		1
delta-BHC	B196573-BLK1	ND	mg/kg	0.00050	0.000076		1
gamma-BHC (Lindane)	B196573-BLK1	ND	mg/kg	0.00050	0.000061		1
Chlordane (Technical)	B196573-BLK1	ND	mg/kg	0.0050	0.0033		1
4,4'-DDD	B196573-BLK1	ND	mg/kg	0.00050	0.000073		1
4,4'-DDE	B196573-BLK1	ND	mg/kg	0.00050	0.000086		1
4,4'-DDT	B196573-BLK1	ND	mg/kg	0.00050	0.000060		1
Dieldrin	B196573-BLK1	ND	mg/kg	0.00050	0.000069		1
Endosulfan I	B196573-BLK1	ND	mg/kg	0.00050	0.000074		1
Endosulfan II	B196573-BLK1	ND	mg/kg	0.00050	0.000064		1
Endosulfan sulfate	B196573-BLK1	ND	mg/kg	0.00050	0.000087		1
Endrin	B196573-BLK1	ND	mg/kg	0.00050	0.000029		1
Endrin aldehyde	B196573-BLK1	ND	mg/kg	0.00050	0.000047		1
Heptachlor	B196573-BLK1	ND	mg/kg	0.00050	0.000050		1
Heptachlor epoxide	B196573-BLK1	ND	mg/kg	0.00050	0.000052		1
Methoxychlor	B196573-BLK1	ND	mg/kg	0.00050	0.000060		1
Toxaphene	B196573-BLK1	ND	mg/kg	0.010	0.0038		1
TCMX (Surrogate)	B196573-BLK1	83.2	%	20 - 130 (LCL - UCL)			1
Decachlorobiphenyl (Surrogate)	B196573-BLK1	76.1	%	40 - 130 (LCL - UCL)			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196573-BLK1	PB	EPA-8081A	09/13/24	09/16/24 22:53	HKS	GC-17	1

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals	Run #
								Percent Recovery	RPD		
QC Batch ID: B196573											
Aldrin	B196573-BS1	LCS	0.0042779	0.0050336	mg/kg	85.0		70 - 130			1
alpha-BHC	B196573-BS1	LCS	0.0041849	0.0050336	mg/kg	83.1		60 - 130			1
beta-BHC	B196573-BS1	LCS	0.0044597	0.0050336	mg/kg	88.6		30 - 130			1
delta-BHC	B196573-BS1	LCS	0.0048050	0.0050336	mg/kg	95.5		60 - 130			1
gamma-BHC (Lindane)	B196573-BS1	LCS	0.0043144	0.0050336	mg/kg	85.7		60 - 130			1
4,4'-DDD	B196573-BS1	LCS	0.0043054	0.0050336	mg/kg	85.5		60 - 130			1
4,4'-DDE	B196573-BS1	LCS	0.0043775	0.0050336	mg/kg	87.0		60 - 130			1
4,4'-DDT	B196573-BS1	LCS	0.0040493	0.0050336	mg/kg	80.4		60 - 130			1
Dieldrin	B196573-BS1	LCS	0.0042886	0.0050336	mg/kg	85.2		70 - 130			1
Endosulfan I	B196573-BS1	LCS	0.0043208	0.0050336	mg/kg	85.8		60 - 130			1
Endosulfan II	B196573-BS1	LCS	0.0044879	0.0050336	mg/kg	89.2		60 - 130			1
Endosulfan sulfate	B196573-BS1	LCS	0.0043658	0.0050336	mg/kg	86.7		60 - 130			1
Endrin	B196573-BS1	LCS	0.0039242	0.0050336	mg/kg	78.0		60 - 130			1
Endrin aldehyde	B196573-BS1	LCS	0.0031292	0.0050336	mg/kg	62.2		60 - 130			1
Heptachlor	B196573-BS1	LCS	0.0040131	0.0050336	mg/kg	79.7		60 - 130			1
Heptachlor epoxide	B196573-BS1	LCS	0.0043738	0.0050336	mg/kg	86.9		60 - 130			1
Methoxychlor	B196573-BS1	LCS	0.0038017	0.0050336	mg/kg	75.5		60 - 130			1
TCMX (Surrogate)	B196573-BS1	LCS	0.0084265	0.010067	mg/kg	83.7		20 - 130			1
Decachlorobiphenyl (Surrogate)	B196573-BS1	LCS	0.015405	0.020134	mg/kg	76.5		40 - 130			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B196573-BS1	LCS	EPA-8081A	09/13/24	09/16/24	23:10	HKS	GC-17	1.007

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196573		Used client sample: N										
Aldrin	MS	2414416-01	ND	0.0040269	0.0050505	mg/kg		79.7		50 - 140	J	1
	MSD	2414416-01	ND	0.0041279	0.0050505	mg/kg	2.5	81.7	30	50 - 140	J	2
alpha-BHC	MS	2414416-01	ND	0.0037037	0.0050505	mg/kg		73.3		50 - 140	J	1
	MSD	2414416-01	ND	0.0037643	0.0050505	mg/kg	1.6	74.5	30	50 - 140	J	2
beta-BHC	MS	2414416-01	ND	0.0038788	0.0050505	mg/kg		76.8		30 - 140	J	1
	MSD	2414416-01	ND	0.0040539	0.0050505	mg/kg	4.4	80.3	30	30 - 140	J	2
delta-BHC	MS	2414416-01	ND	0.0042694	0.0050505	mg/kg		84.5		50 - 140	J	1
	MSD	2414416-01	ND	0.0042290	0.0050505	mg/kg	1.0	83.7	30	50 - 140	J	2
gamma-BHC (Lindane)	MS	2414416-01	ND	0.0039259	0.0050505	mg/kg		77.7		50 - 140	J	1
	MSD	2414416-01	ND	0.0039596	0.0050505	mg/kg	0.9	78.4	30	50 - 140	J	2
4,4'-DDD	MS	2414416-01	0.0065135	0.0073939	0.0050505	mg/kg		17.4		50 - 140	J,Q03	1
	MSD	2414416-01	0.0065135	0.0063434	0.0050505	mg/kg	15.3	-3.4	30	50 - 140	J,Q03	2
4,4'-DDE	MS	2414416-01	0.11443	0.13861	0.0050505	mg/kg		479		50 - 140	Q03	1
	MSD	2414416-01	0.11443	0.13576	0.0050505	mg/kg	2.1	422	30	50 - 140	Q03	2
4,4'-DDT	MS	2414416-01	0.0099122	0.013798	0.0050505	mg/kg		76.9		50 - 140		1
	MSD	2414416-01	0.0099122	0.017152	0.0050505	mg/kg	21.7	143	30	50 - 140	Q03	2
Dieldrin	MS	2414416-01	0.039041	0.047508	0.0050505	mg/kg		168		40 - 140	Q03	1
	MSD	2414416-01	0.039041	0.046875	0.0050505	mg/kg	1.3	155	30	40 - 140	Q03	2
Endosulfan I	MS	2414416-01	ND	0.0061953	0.0050505	mg/kg		123		50 - 140	J	1
	MSD	2414416-01	ND	0.0061145	0.0050505	mg/kg	1.3	121	30	50 - 140	J	2
Endosulfan II	MS	2414416-01	ND	0.0053872	0.0050505	mg/kg		107		50 - 140	J	1
	MSD	2414416-01	ND	0.0047003	0.0050505	mg/kg	13.6	93.1	30	50 - 140	J	2
Endosulfan sulfate	MS	2414416-01	ND	0.0063098	0.0050505	mg/kg		125		50 - 140	J	1
	MSD	2414416-01	ND	0.0050101	0.0050505	mg/kg	23.0	99.2	30	50 - 140	J	2
Endrin	MS	2414416-01	ND	0.0060067	0.0050505	mg/kg		119		50 - 140	J	1
	MSD	2414416-01	ND	0.0046801	0.0050505	mg/kg	24.8	92.7	30	50 - 140	J	2
Endrin aldehyde	MS	2414416-01	ND	0.0047003	0.0050505	mg/kg		93.1		50 - 140	J	1
	MSD	2414416-01	ND	0.0055556	0.0050505	mg/kg	16.7	110	30	50 - 140	J	2
Heptachlor	MS	2414416-01	ND	0.0038114	0.0050505	mg/kg		75.5		60 - 140	J	1
	MSD	2414416-01	ND	0.0038519	0.0050505	mg/kg	1.1	76.3	30	60 - 140	J	2
Heptachlor epoxide	MS	2414416-01	ND	0.0078519	0.0050505	mg/kg		155		50 - 140	J,Q03	1
	MSD	2414416-01	ND	0.0078451	0.0050505	mg/kg	0.1	155	30	50 - 140	J,Q03	2
Methoxychlor	MS	2414416-01	ND	0.0046195	0.0050505	mg/kg		91.5		50 - 140	J	1
	MSD	2414416-01	ND	0.0049697	0.0050505	mg/kg	7.3	98.4	30	50 - 140	J	2
TCMX (Surrogate)	MS	2414416-01	ND	0.0075354	0.010101	mg/kg		74.6		20 - 130		1
	MSD	2414416-01	ND	0.0078855	0.010101	mg/kg	4.5	78.1		20 - 130		2

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1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits			
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196573		Used client sample: N										
Decachlorobiphenyl (Surrogate)	MS	2414416-01	ND	0.016586	0.020202	mg/kg		82.1		40 - 130		1
	MSD	2414416-01	ND	0.016424	0.020202	mg/kg	1.0	81.3		40 - 130		2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196573-MS1	MS	EPA-8081A	09/13/24	09/17/24 08:59	HKS	GC-17	20.202
2	B196573-MSD1	MSD	EPA-8081A	09/13/24	09/17/24 09:16	HKS	GC-17	20.202

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Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent		QC Sample ID		MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B196581									
TPH - Diesel Range Organics (C12 - C22)		B196581-BLK1		ND	mg/kg	1.0	0.70		1
TPH - Oil Range Organics (C23 - C32)		B196581-BLK1		ND	mg/kg	2.0	0.98		1
Tetracosane (Surrogate)		B196581-BLK1		98.3	%	40 - 130 (LCL - UCL)			1
Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution	
1	B196581-BLK1	PB	EPA-8015B	09/16/24	09/17/24 10:27	BUP	GC-2	1.010	

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Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

								Control Limits			
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab	Run #
QC Batch ID: B196581											
TPH - Diesel Range Organics (C12 - C22)	B196581-BS1	LCS	11.672	16.779	mg/kg	69.6		58 - 120			1
TPH - Oil Range Organics (C23 - C32)	B196581-BS1	LCS	37.222	33.557	mg/kg	111		40 - 130			1
Tetracosane (Surrogate)	B196581-BS1	LCS	0.71191	0.67114	mg/kg	106		40 - 130			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B196581-BS1	LCS	EPA-8015B	09/16/24	09/17/24	10:44	BUP	GC-2	1.007

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Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196581		Used client sample: N										
TPH - Diesel Range Organics (C12 - C22)	MS	2414417-14	ND	5.6446	16.502	mg/kg		34.2		49 - 120	Q03	1
	MSD	2414417-14	ND	3.5420	16.393	mg/kg	45.8	21.6	30	49 - 120	Q02,Q03	2
TPH - Oil Range Organics (C23 - C32)	MS	2414417-14	ND	21.802	33.003	mg/kg		66.1		40 - 130		1
	MSD	2414417-14	ND	14.552	32.787	mg/kg	39.9	44.4	30	40 - 130	Q02	2
Tetracosane (Surrogate)	MS	2414417-14	ND	0.36848	0.66007	mg/kg		55.8		40 - 130		1
	MSD	2414417-14	ND	0.19262	0.65574	mg/kg	62.7	29.4		40 - 130	S09	2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196581-MS1	MS	EPA-8015B	09/16/24	09/17/24 11:02	BUP	GC-2	0.990
2	B196581-MSD1	MSD	EPA-8015B	09/16/24	09/17/24 11:19	BUP	GC-2	0.984

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Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B196508							
Gasoline Range Organics (C4 - C12)	B196508-BLK1	ND	mg/kg	1.0	0.42		1
a,a,a-Trifluorotoluene (FID Surrogate)	B196508-BLK1	80.0	%	70 - 130 (LCL - UCL)			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B196508-BLK1	PB	EPA-8015B	09/09/24	09/09/24	09:30	JMH2	GC-V8	1

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Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD		
QC Batch ID: B196508											
Gasoline Range Organics (C4 - C12)	B196508-BS1	LCS	4.6210	5.0000	mg/kg	92.4		85 - 115			1
a,a,a-Trifluorotoluene (FID Surrogate)	B196508-BS1	LCS	0.038000	0.040000	mg/kg	95.0		70 - 130			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B196508-BS1	LCS	EPA-8015B	09/09/24	09/09/24	10:46	JMH2	GC-V8	1

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Project Number: Coachella
Project Manager: Cassie Bretschger

Total Petroleum Hydrocarbons (EPA 8015B/5035)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196508		Used client sample: N										
Gasoline Range Organics (C4 - C12)	MS	2414278-05	ND	4.3134	5.0710	mg/kg		85.1		70 - 130		1
	MSD	2414278-05	ND	4.3685	5.0201	mg/kg	1.3	87.0	20	70 - 130		2
a,a,a-Trifluorotoluene (FID Surrogate)	MS	2414278-05	ND	0.036511	0.040568	mg/kg		90.0		70 - 130		1
	MSD	2414278-05	ND	0.036145	0.040161	mg/kg	1.0	90.0		70 - 130		2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196508-MS1	MS	EPA-8015B	09/09/24	09/09/24 17:46	JMH2	GC-V8	1.014
2	B196508-MSD1	MSD	EPA-8015B	09/09/24	09/09/24 18:10	JMH2	GC-V8	1.004

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Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B196713							
Antimony	B196713-BLK1	ND	mg/kg	5.0	0.33		1
Arsenic	B196713-BLK1	ND	mg/kg	1.0	0.40		1
Barium	B196713-BLK1	ND	mg/kg	0.50	0.18		1
Beryllium	B196713-BLK1	ND	mg/kg	0.50	0.047		1
Cadmium	B196713-BLK1	ND	mg/kg	0.50	0.052		1
Chromium	B196713-BLK1	ND	mg/kg	0.50	0.050		1
Cobalt	B196713-BLK1	ND	mg/kg	2.5	0.098		1
Copper	B196713-BLK1	ND	mg/kg	1.0	0.050		1
Lead	B196713-BLK1	ND	mg/kg	2.5	0.41		1
Molybdenum	B196713-BLK1	ND	mg/kg	2.5	0.050		1
Nickel	B196713-BLK1	ND	mg/kg	0.50	0.15		1
Selenium	B196713-BLK1	ND	mg/kg	1.0	0.98		1
Silver	B196713-BLK1	ND	mg/kg	0.50	0.067		1
Thallium	B196713-BLK1	ND	mg/kg	5.0	0.64		1
Vanadium	B196713-BLK1	ND	mg/kg	0.50	0.11		1
Zinc	B196713-BLK1	0.21000	mg/kg	2.5	0.087	J	1
QC Batch ID: B197123							
Mercury	B197123-BLK1	ND	mg/kg	0.16	0.016		2

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Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
1	B196713-BLK1	PB	EPA-6010B	09/11/24	09/11/24 23:01	JEH	ICP6	1
2	B197123-BLK1	PB	EPA-7471A	09/18/24	09/19/24 10:11	TMT	CETAC3	1

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Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD		
QC Batch ID: B196713											
Antimony	B196713-BS1	LCS	35.490	40.000	mg/kg	88.7		75 - 125			1
Arsenic	B196713-BS1	LCS	18.400	20.000	mg/kg	92.0		75 - 125			1
Barium	B196713-BS1	LCS	39.750	40.000	mg/kg	99.4		75 - 125			1
Beryllium	B196713-BS1	LCS	19.114	20.000	mg/kg	95.6		75 - 125			1
Cadmium	B196713-BS1	LCS	19.285	20.000	mg/kg	96.4		75 - 125			1
Chromium	B196713-BS1	LCS	19.430	20.000	mg/kg	97.2		75 - 125			1
Cobalt	B196713-BS1	LCS	19.480	20.000	mg/kg	97.4		75 - 125			1
Copper	B196713-BS1	LCS	38.140	40.000	mg/kg	95.4		75 - 125			1
Lead	B196713-BS1	LCS	39.135	40.000	mg/kg	97.8		75 - 125			1
Molybdenum	B196713-BS1	LCS	19.465	20.000	mg/kg	97.3		75 - 125			1
Nickel	B196713-BS1	LCS	38.935	40.000	mg/kg	97.3		75 - 125			1
Selenium	B196713-BS1	LCS	17.760	20.000	mg/kg	88.8		75 - 125			1
Silver	B196713-BS1	LCS	9.3000	10.000	mg/kg	93.0		75 - 125			1
Thallium	B196713-BS1	LCS	38.995	40.000	mg/kg	97.5		75 - 125			1
Vanadium	B196713-BS1	LCS	19.630	20.000	mg/kg	98.2		75 - 125			1
Zinc	B196713-BS1	LCS	47.550	50.000	mg/kg	95.1		75 - 125			1
QC Batch ID: B197123											
Mercury	B197123-BS1	LCS	0.82560	0.80000	mg/kg	103		80 - 120			2

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Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
1	B196713-BS1	LCS	EPA-6010B	09/11/24	09/11/24 23:03	JEH	ICP6	1
2	B197123-BS1	LCS	EPA-7471A	09/18/24	09/19/24 10:13	TMT	CETAC3	1

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196713		Used client sample: Y - Description: R2W-1, 09/06/2024 07:00										
Antimony	DUP	2414419-09	ND	ND		mg/kg			20			1
	MS	2414419-09	ND	16.095	40.000	mg/kg		40.2		16 - 119		2
	MSD	2414419-09	ND	15.745	40.000	mg/kg	2.2	39.4	20	16 - 119		3
Arsenic	DUP	2414419-09	2.5150	2.0250		mg/kg	21.6		20		A02	1
	MS	2414419-09	2.5150	19.970	20.000	mg/kg		87.3		75 - 125		2
	MSD	2414419-09	2.5150	19.860	20.000	mg/kg	0.6	86.7	20	75 - 125		3
Barium	DUP	2414419-09	87.165	95.650		mg/kg	9.3		20			1
	MS	2414419-09	87.165	129.64	40.000	mg/kg		106		75 - 125		2
	MSD	2414419-09	87.165	135.80	40.000	mg/kg	4.6	122	20	75 - 125		3
Beryllium	DUP	2414419-09	0.17140	0.16915		mg/kg	1.3		20		J	1
	MS	2414419-09	0.17140	18.598	20.000	mg/kg		92.1		75 - 125		2
	MSD	2414419-09	0.17140	18.566	20.000	mg/kg	0.2	92.0	20	75 - 125		3
Cadmium	DUP	2414419-09	0.57000	0.61000		mg/kg	6.8		20			1
	MS	2414419-09	0.57000	18.645	20.000	mg/kg		90.4		75 - 125		2
	MSD	2414419-09	0.57000	18.570	20.000	mg/kg	0.4	90.0	20	75 - 125		3
Chromium	DUP	2414419-09	16.650	14.750		mg/kg	12.1		20			1
	MS	2414419-09	16.650	34.625	20.000	mg/kg		89.9		75 - 125		2
	MSD	2414419-09	16.650	34.885	20.000	mg/kg	0.7	91.2	20	75 - 125		3
Cobalt	DUP	2414419-09	5.5350	5.4750		mg/kg	1.1		20			1
	MS	2414419-09	5.5350	24.015	20.000	mg/kg		92.4		75 - 125		2
	MSD	2414419-09	5.5350	24.030	20.000	mg/kg	0.1	92.5	20	75 - 125		3
Copper	DUP	2414419-09	24.980	13.850		mg/kg	57.3		20		Q01	1
	MS	2414419-09	24.980	50.410	40.000	mg/kg		63.6		75 - 125	Q03	2
	MSD	2414419-09	24.980	51.660	40.000	mg/kg	2.4	66.7	20	75 - 125	Q03	3
Lead	DUP	2414419-09	4.5450	7.2350		mg/kg	45.7		20		Q01	1
	MS	2414419-09	4.5450	40.510	40.000	mg/kg		89.9		75 - 125		2
	MSD	2414419-09	4.5450	41.090	40.000	mg/kg	1.4	91.4	20	75 - 125		3
Molybdenum	DUP	2414419-09	1.0250	0.39000		mg/kg	89.8		20		J,A02	1
	MS	2414419-09	1.0250	18.750	20.000	mg/kg		88.6		75 - 125		2
	MSD	2414419-09	1.0250	18.675	20.000	mg/kg	0.4	88.2	20	75 - 125		3
Nickel	DUP	2414419-09	11.045	8.2700		mg/kg	28.7		20		Q01	1
	MS	2414419-09	11.045	45.195	40.000	mg/kg		85.4		75 - 125		2
	MSD	2414419-09	11.045	45.190	40.000	mg/kg	0.0	85.4	20	75 - 125		3
Selenium	DUP	2414419-09	ND	ND		mg/kg			20			1
	MS	2414419-09	ND	17.075	20.000	mg/kg		85.4		75 - 125		2
	MSD	2414419-09	ND	16.880	20.000	mg/kg	1.1	84.4	20	75 - 125		3
Silver	DUP	2414419-09	ND	ND		mg/kg			20			1
	MS	2414419-09	ND	9.3300	10.000	mg/kg		93.3		75 - 125		2
	MSD	2414419-09	ND	9.3000	10.000	mg/kg	0.3	93.0	20	75 - 125		3

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196713		Used client sample: Y - Description: R2W-1, 09/06/2024 07:00										
Thallium	DUP	2414419-09	ND	ND		mg/kg			20			1
	MS	2414419-09	ND	33.635	40.000	mg/kg		84.1		75 - 125		2
	MSD	2414419-09	ND	33.930	40.000	mg/kg	0.9	84.8	20	75 - 125		3
Vanadium	DUP	2414419-09	27.885	27.815		mg/kg	0.3		20			1
	MS	2414419-09	27.885	50.795	20.000	mg/kg		115		75 - 125		2
	MSD	2414419-09	27.885	50.885	20.000	mg/kg	0.2	115	20	75 - 125		3
Zinc	DUP	2414419-09	67.055	80.650		mg/kg	18.4		20			1
	MS	2414419-09	67.055	110.83	50.000	mg/kg		87.6		75 - 125		2
	MSD	2414419-09	67.055	119.74	50.000	mg/kg	7.7	105	20	75 - 125		3
QC Batch ID: B197123		Used client sample: N										
Mercury	DUP	2414617-01	0.046885	0.054590		mg/kg	15.2		20		J	4
	MS	2414617-01	0.046885	0.77705	0.81967	mg/kg		89.1		80 - 120		5
	MSD	2414617-01	0.046885	0.80328	0.81967	mg/kg	3.3	92.3	20	80 - 120		6

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

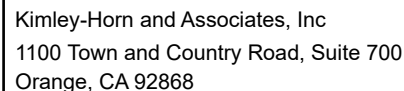
Total Concentrations (TTLIC)

Quality Control Report - Precision & Accuracy

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
1	B196713-DUP1	DUP	EPA-6010B	09/11/24	09/11/24 23:06	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1
2	B196713-MS1	MS	EPA-6010B	09/11/24	09/11/24 23:10	JEH	ICP6	1

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Project: Coachella

Project Manager: Cassie Bretschger

Quality Control Report - Precision & Accuracy

Run #	QC Sample ID	QC Type	Method	Prep Date	Run	Analyst	Instrument	Dilution
					Date Time			
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
3	B196713-MSD1	MSD	EPA-6010B	09/11/24	09/11/24 23:12	JEH	ICP6	1
4	B197123-DUP1	DUP	EPA-7471A	09/18/24	09/19/24 10:18	TMT	CETAC3	1.025
5	B197123-MS1	MS	EPA-7471A	09/18/24	09/19/24 10:20	TMT	CETAC3	1.025
6	B197123-MSD1	MSD	EPA-7471A	09/18/24	09/19/24 10:22	TMT	CETAC3	1.025

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 09/19/2024 14:15
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A10	Detection and quantitation limits were raised due to matrix interference.
A52	Chromatogram not typical of diesel.
A57	Chromatogram not typical of motor oil.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S09	The surrogate recovery for this compound was not within the control limits.

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Date of Report: 10/11/2024

Cassie Bretschger

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Client Project: Coachella
Pace Project: Coachella
Pace Work Order: 2414416
Invoice ID: B503977, B504998, B505944

Enclosed are the results of analyses for samples received by the laboratory on 9/7/2024. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supersedes Report ID 1001540035

Sincerely,

Contact Person: Ragen Williams
Client Service Rep

Steve Bennett
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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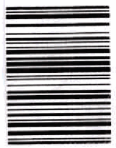
2414416-01 - R3B-1	
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2414416

LAB USE ONLY - Affix Workorder

Scan QR Code for Instructions



Pace

Company Name: Kimly Horn

Street Address: 24-14416

City/State: Coachella

Customer Project #: Coachella

Project Name: Coachella

Site Collection Info/Facility ID (as applicable): Coachella

Time Zone Collected: PT MT CT ET

Data Deliverables: Level II Level III Level IV EQUIS Other

Chain-Of-Custody Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields.

Contact/Report To: Cassie Bretinger

Phone #: Cassie Bretinger@kimlyhorn.com

E-Mail: Cassie Bretinger

Invoice E-mail: same

Invoice To: same

Purchase Order # (if applicable): standard

Quote #: standard

Country / State origin of sample(s): CA

Regulatory Program (DW, RCRA, etc.) as applicable: CA

Rush (Pre-approval required): Standard

Date Results Requested: Standard

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (SS), Oil (OL), Wipe (WP), Tissue (TS), Manure (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cask (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservation Type***

Analysis Requested

Project Manager

Accum / Client ID

Table #

Profile / Template

Presig / Bottle Ord. ID

Sample Comment

Preservation non-conformance identified for sample

Customer Sample ID	Matrix	Comp / Grab	Date	Time	Collected or Composite End	# Cont.	Result	Units	Residual Chlorine	Field Filtered (if applicable)	Yes	No
R3B-1	S	G	9/16/24	830	---	1	---	---	---	---	---	---
R3B-2	S	G	9/16/24	835	---	1	---	---	---	---	---	---
R3B-3	S	G	9/16/24	840	---	1	---	---	---	---	---	---
R3N-1	S	G	9/16/24	740	---	1	---	---	---	---	---	---
R3N-2	S	G	9/16/24	745	---	1	---	---	---	---	---	---
R3N-3	S	G	9/16/24	750	---	1	---	---	---	---	---	---
R3NW-1	S	G	9/16/24	845	---	1	---	---	---	---	---	---
R3W-2	S	G	9/16/24	850	---	1	---	---	---	---	---	---
R3W-3	S	G	9/16/24	855	---	1	---	---	---	---	---	---

Additional Instructions from Pace*:

Collected By: Christophe Lenya

Printed Name: Christophe Lenya

Signature: Christophe Lenya

Thermometer ID: 97124

Obs. Temp. (°C): 11.0

Corrected Temp. (°C): 11.0

On Ice: Yes

Trucking Number: CE

Delivered by: Person Courier

Result: FedEx LUPS Other

Page: 1 of 1

ENV-FRM-CORQ-0019_v02_110123 ©

LAB USE ONLY - Affix Workorder/Label Here

Scan QR Code for instructions

CHAIN-OF-CUSTODY Analytical Request Document
Chain of Custody is a LEGAL DOCUMENT - Complete all relevant fields

Pace Location Requested (City/State): **24-14416**

Company Name: **Kimley-Horn**
Street Address: **24-14416**
City/State: **24-14416**

Contact/Report To: **Cassie Brettinger**
Phone #: **24-14416**
E-Mail: **cassie.brettinger@kimleyhorn.com**
Cc E-Mail:

Invoice to: **Same**
Invoice Email: **Same**
Purchase Order # (if applicable):
Quote #:

Site Collection Info/Facility ID (if applicable): **Coacucella**

Time Zone Collected: ☒ JAK ☐ JCT ☐ JET ☐ JET

Data Deliverables:
☐ Level II ☐ Level III ☐ Level IV
☐ ECOS ☐ Other

Regulatory Program (DW, RCRA, etc.) as applicable: **CA**

Rush (Pre-approval required):
☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day Other: **Standard**

Date Results Requested:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (SS), Oil (OL), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cask (CS), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Residue Chlorine Result	Units
R3E-1	S	G	9/16/24	815	-	-	1	-	-
R3E-2	I	I	820	-	-	-	1	-	-
R3E-3	I	I	825	-	-	-	1	-	-
R3S-1	I	I	800	-	-	-	1	-	-
R3S-2	I	I	805	-	-	-	1	-	-
R3S-3	I	I	810	-	-	-	1	-	-

Additional Instructions from Pace*:

Collected By: **Christopher Leva**
Printed Name
Signature

Received by Company (Signature): **Christopher Leva**
Received by Company (Signature)

Received by Company (Signature):
Received by Company (Signature)

Received by Company (Signature):
Received by Company (Signature)

Received by Company (Signature):
Received by Company (Signature)

Customer Remarks / Special Conditions / Possible Hazards: **CHK BY DISTRIBUTION**

Thermometer ID: **1110** Obs. Temp (°C): **1110** Correction Factor (°C): **1110** On box

Coolers: **1110**

Tracking Number: **1110**

Delivered by: ☐ In-Person ☐ Courier ☐ FedEx ☐ UPS ☐ Other

Page: **2** of **2**

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace* Terms and Conditions found at <https://info.pacelabs.com/hubfs/pac-standard-terms.pdf>.

PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>1</u> Of <u>2</u>							
Submission #: <u>24-14416</u>											
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☒ NO ☐ (W) / S						
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____											
Custody Seals ☒ Ice Chest ☐ Containers ☐ None ☐ Comments: _____ Intact? Yes ☒ No ☐ Intact? Yes ☐ No ☐											
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒											
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>TH337</u> Temperature: (A) <u>2.4</u> °C / (C) <u>2.2</u> °C		Date/Time <u>9/7/24 1110</u> Analyst Init <u>CL2</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁴											
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 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608.3/8091A											
QT EPA 515.1/8151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548.1											
QT EPA 549.2											
QT EPA 8015M											
QT EPA 8270C											
8oz / 16oz / 32oz AMBER											
☒ 8oz / 16oz / 32oz JAR		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: C9A 50V8 Q3E-3)

Sample Numbering Completed By: CL2

A = Actual / C = Corrected

Date/Time: 9/7/24 14:14

Rev 23 05/20/22

[S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMRECrev 20]

Chain of Custody and Cooler Receipt Form for 2414416 Page 4 of 4

PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>2</u> Of <u>2</u>	
Submission #: <u>24-14416</u>					
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☒ NO ☐ (W) / S
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals Ice Chest ☐ Containers ☐ None ☐ Comments: _____					
Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒					
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>N/A</u> Thermometer ID: <u>T11337</u> Temperature: (A) <u>2.4</u> °C / (C) <u>2.2</u> °C		Date/Time <u>9/7/24 1110</u> Analyst Init <u>CL2</u>	

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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A					
SOIL SLEEVE										
PCR VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____
 Sample Numbering Completed By: CL2 Date/Time: 9/7/24 1414
 A = Actual / C = Corrected

Rev 23 05/20/22
 [S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\ISAMRECrev 20]

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2414416-01	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3B-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-02	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3B-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-03	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3B-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-04	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3N-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-05	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3N-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-06	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 07:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3N-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-07	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3W-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil

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.

All results listed in this report are for the exclusive use of the submitting party. Pace Analytical assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2414416-08	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3W-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-09	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3W-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-10	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3E-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-11	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3E-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-12	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3E-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-13	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3S-1	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil
2414416-14	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3S-2	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2414416-15	COC Number:	---	Receive Date:	09/07/2024 11:10
	Project Number:	---	Sampling Date:	09/06/2024 08:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	R3S-3	Lab Matrix:	Solids
	Sampled By:	Client	Sample Type:	Soil

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-01		Client Sample Name: R3B-1, 9/6/2024 8:30:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00082	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.0024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.25	mg/kg	0.10	0.066	EPA-8081A	ND	A10	1
4,4'-DDD	0.0065	mg/kg	0.010	0.0015	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.11	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
4,4'-DDT	0.0099	mg/kg	0.010	0.0012	EPA-8081A	ND	J,A10	1
Dieldrin	0.039	mg/kg	0.010	0.0014	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00094	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.20	0.076	EPA-8081A	ND	A10	1
TCMX (Surrogate)	84.0	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	76.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 09:32	HKS	GC-17	20.270	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414416-01		Client Sample Name: R3B-1, 9/6/2024 8:30:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.5	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	87	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.18	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.46	mg/kg	0.50	0.052	EPA-6010B	ND	J	1	
Chromium	14	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	5.2	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	9.1	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	2.5	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.46	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	8.3	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	27	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	52	mg/kg	2.5	0.087	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/10/24 14:10	09/12/24 00:29	SDA	ICP6	0.971	B196628	EPA 3050B
2	EPA-7471A	09/17/24 21:00	09/18/24 10:05	TMT	CETAC3	0.992	B197026	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-02		Client Sample Name: R3B-2, 9/6/2024 8:35:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00041	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.0012	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00076	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00061	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.086	mg/kg	0.050	0.033	EPA-8081A	ND	A10	1
4,4'-DDD	0.0018	mg/kg	0.0050	0.00073	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.033	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
4,4'-DDT	0.0014	mg/kg	0.0050	0.00060	EPA-8081A	ND	J,A10	1
Dieldrin	0.016	mg/kg	0.0050	0.00069	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00074	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00087	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00047	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00050	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00052	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.038	EPA-8081A	ND	A10	1
TCMX (Surrogate)	61.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	55.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 09:49	HKS	GC-17	9.934	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414416-02		Client Sample Name: R3B-2, 9/6/2024 8:35:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	1.4	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	92	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.18	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.39	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	15	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	5.8	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	8.7	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	1.0	mg/kg	2.5	0.41	EPA-6010B	ND	J	1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	0.37	mg/kg	2.5	0.050	EPA-6010B	ND	J	1
Nickel	8.7	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	30	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	43	mg/kg	2.5	0.087	EPA-6010B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/10/24 14:10	09/12/24 00:31	SDA	ICP6	0.935	B196628	EPA 3050B
2	EPA-7471A	09/17/24 21:00	09/18/24 10:18	TMT	CETAC3	1.025	B197026	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-04		Client Sample Name: R3N-1, 9/6/2024 7:40:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00082	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.0024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.62	mg/kg	0.10	0.066	EPA-8081A	ND	A10	1
4,4'-DDD	0.025	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
4,4'-DDE	0.14	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
4,4'-DDT	0.025	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Dieldrin	0.091	mg/kg	0.010	0.0014	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00094	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.20	0.076	EPA-8081A	ND	A10	1
TCMX (Surrogate)	83.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	77.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 10:06	HKS	GC-17	19.672	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414416-04		Client Sample Name: R3N-1, 9/6/2024 7:40:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.9	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	87	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.16	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.47	mg/kg	0.50	0.052	EPA-6010B	ND	J	1	
Chromium	15	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	5.2	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	9.2	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	2.0	mg/kg	2.5	0.41	EPA-6010B	ND	J	1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.51	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	7.8	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	26	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	51	mg/kg	2.5	0.087	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/10/24 14:10	09/12/24 00:04	SDA	ICP6	1	B196628	EPA 3050B
2	EPA-7471A	09/17/24 21:00	09/18/24 10:20	TMT	CETAC3	0.977	B197026	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-05		Client Sample Name: R3N-2, 9/6/2024 7:45:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000041	EPA-8081A	ND	S05	1
alpha-BHC	ND	mg/kg	0.00050	0.000029	EPA-8081A	ND	S05	1
beta-BHC	ND	mg/kg	0.00050	0.00012	EPA-8081A	ND	S05	1
delta-BHC	ND	mg/kg	0.00050	0.000076	EPA-8081A	ND	S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000061	EPA-8081A	ND	S05	1
Chlordane (Technical)	0.16	mg/kg	0.0050	0.0033	EPA-8081A	ND	S05	1
4,4'-DDD	0.0041	mg/kg	0.00050	0.000073	EPA-8081A	ND	S05	1
4,4'-DDE	0.023	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10,S05	2
4,4'-DDT	0.0039	mg/kg	0.00050	0.000060	EPA-8081A	ND	S05	1
Dieldrin	0.016	mg/kg	0.0050	0.00069	EPA-8081A	ND	A10,S05	2
Endosulfan I	ND	mg/kg	0.00050	0.000074	EPA-8081A	ND	S05	1
Endosulfan II	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND	S05	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000087	EPA-8081A	ND	S05	1
Endrin	ND	mg/kg	0.00050	0.000029	EPA-8081A	ND	S05	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000047	EPA-8081A	ND	S05	1
Heptachlor	ND	mg/kg	0.00050	0.000050	EPA-8081A	ND	S05	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000052	EPA-8081A	ND	S05	1
Methoxychlor	ND	mg/kg	0.00050	0.000060	EPA-8081A	ND	S05	1
Toxaphene	ND	mg/kg	0.010	0.0038	EPA-8081A	ND	S05	1
TCMX (Surrogate)	47.4	%	20 - 130 (LCL - UCL)		EPA-8081A		S05	1
Decachlorobiphenyl (Surrogate)	55.8	%	40 - 130 (LCL - UCL)		EPA-8081A		S05	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/23/24 18:00	09/24/24 22:28	HKS	GC-17	0.997	B197407	EPA 3546
2	EPA-8081A	09/23/24 18:00	09/26/24 09:18	HKS	GC-17	9.967	B197407	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-07		Client Sample Name: R3W-1, 9/6/2024 8:45:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0025	0.00020	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00014	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0025	0.00060	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0025	0.00038	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00030	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.23	mg/kg	0.025	0.016	EPA-8081A	ND	A10	1
4,4'-DDD	0.0071	mg/kg	0.0025	0.00036	EPA-8081A	ND	A10	1
4,4'-DDE	0.048	mg/kg	0.0025	0.00043	EPA-8081A	ND	A10	1
4,4'-DDT	0.0088	mg/kg	0.0025	0.00030	EPA-8081A	ND	A10	1
Dieldrin	0.042	mg/kg	0.0025	0.00034	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00037	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00044	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0025	0.00014	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0025	0.00025	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00026	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00030	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.050	0.019	EPA-8081A	ND	A10	1
TCMX (Surrogate)	67.2	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	68.1	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 01:07	HKS	GC-17	4.983	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414416-07		Client Sample Name: R3W-1, 9/6/2024 8:45:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	4.5	0.30	EPA-6010B	ND		1	
Arsenic	1.4	mg/kg	0.91	0.36	EPA-6010B	ND		1	
Barium	76	mg/kg	0.45	0.16	EPA-6010B	ND		1	
Beryllium	0.15	mg/kg	0.45	0.043	EPA-6010B	ND	J	1	
Cadmium	0.40	mg/kg	0.45	0.047	EPA-6010B	ND	J	1	
Chromium	12	mg/kg	0.45	0.045	EPA-6010B	ND		1	
Cobalt	4.5	mg/kg	2.3	0.089	EPA-6010B	ND		1	
Copper	8.4	mg/kg	0.91	0.045	EPA-6010B	ND		1	
Lead	1.9	mg/kg	2.3	0.37	EPA-6010B	ND	J	1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.35	mg/kg	2.3	0.045	EPA-6010B	ND	J	1	
Nickel	6.9	mg/kg	0.45	0.14	EPA-6010B	ND		1	
Selenium	ND	mg/kg	0.91	0.89	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.45	0.061	EPA-6010B	ND		1	
Thallium	ND	mg/kg	4.5	0.58	EPA-6010B	ND		1	
Vanadium	23	mg/kg	0.45	0.10	EPA-6010B	ND		1	
Zinc	47	mg/kg	2.3	0.079	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/10/24 14:10	09/12/24 00:33	SDA	ICP6	0.909	B196628	EPA 3050B
2	EPA-7471A	09/17/24 21:00	09/18/24 10:22	TMT	CETAC3	0.992	B197026	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-08		Client Sample Name: R3W-2, 9/6/2024 8:50:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000041	EPA-8081A	ND	S05	1
alpha-BHC	ND	mg/kg	0.00050	0.000029	EPA-8081A	ND	S05	1
beta-BHC	ND	mg/kg	0.00050	0.00012	EPA-8081A	ND	S05	1
delta-BHC	ND	mg/kg	0.00050	0.000076	EPA-8081A	ND	S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000061	EPA-8081A	ND	S05	1
Chlordane (Technical)	0.041	mg/kg	0.0050	0.0033	EPA-8081A	ND	S05	1
4,4'-DDD	0.00085	mg/kg	0.00050	0.000073	EPA-8081A	ND	S05	1
4,4'-DDE	0.0064	mg/kg	0.00050	0.000086	EPA-8081A	ND	S05	1
4,4'-DDT	0.00097	mg/kg	0.00050	0.000060	EPA-8081A	ND	S05	1
Dieldrin	0.0075	mg/kg	0.00050	0.000069	EPA-8081A	ND	S05	1
Endosulfan I	ND	mg/kg	0.00050	0.000074	EPA-8081A	ND	S05	1
Endosulfan II	ND	mg/kg	0.00050	0.000064	EPA-8081A	ND	S05	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000087	EPA-8081A	ND	S05	1
Endrin	ND	mg/kg	0.00050	0.000029	EPA-8081A	ND	S05	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000047	EPA-8081A	ND	S05	1
Heptachlor	ND	mg/kg	0.00050	0.000050	EPA-8081A	ND	S05	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000052	EPA-8081A	ND	S05	1
Methoxychlor	ND	mg/kg	0.00050	0.000060	EPA-8081A	ND	S05	1
Toxaphene	ND	mg/kg	0.010	0.0038	EPA-8081A	ND	S05	1
TCMX (Surrogate)	67.1	%	20 - 130 (LCL - UCL)		EPA-8081A		S05	1
Decachlorobiphenyl (Surrogate)	70.8	%	40 - 130 (LCL - UCL)		EPA-8081A		S05	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/23/24 18:00	09/24/24 22:45	HKS	GC-17	1	B197407	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-10		Client Sample Name: R3E-1, 9/6/2024 8:15:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00082	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.010	0.0024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.37	mg/kg	0.10	0.066	EPA-8081A	ND	A10	1
4,4'-DDD	0.010	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
4,4'-DDE	0.16	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
4,4'-DDT	0.012	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Dieldrin	0.10	mg/kg	0.010	0.0014	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.010	0.00094	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.20	0.076	EPA-8081A	ND	A10	1
TCMX (Surrogate)	71.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	78.2	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 10:23	HKS	GC-17	19.672	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414416-10		Client Sample Name: R3E-1, 9/6/2024 8:15:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.5	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	88	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.16	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.50	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	14	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	5.0	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	9.8	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	2.3	mg/kg	2.5	0.41	EPA-6010B	ND	J	1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.24	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	7.6	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	26	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	52	mg/kg	2.5	0.087	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/10/24 14:10	09/12/24 00:34	SDA	ICP6	1	B196628	EPA 3050B
2	EPA-7471A	09/17/24 21:00	09/18/24 10:24	TMT	CETAC3	0.962	B197026	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-11		Client Sample Name: R3E-2, 9/6/2024 8:20:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.010	0.00082	EPA-8081A	ND	A10,S05	1
alpha-BHC	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10,S05	1
beta-BHC	ND	mg/kg	0.010	0.0024	EPA-8081A	ND	A10,S05	1
delta-BHC	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10,S05	1
Chlordane (Technical)	0.39	mg/kg	0.10	0.066	EPA-8081A	ND	A10,S05	1
4,4'-DDD	0.0059	mg/kg	0.010	0.0015	EPA-8081A	ND	J,A10,S05	1
4,4'-DDE	0.11	mg/kg	0.010	0.0017	EPA-8081A	ND	A10,S05	1
4,4'-DDT	0.0064	mg/kg	0.010	0.0012	EPA-8081A	ND	J,A10,S05	1
Dieldrin	0.073	mg/kg	0.010	0.0014	EPA-8081A	ND	A10,S05	1
Endosulfan I	ND	mg/kg	0.010	0.0015	EPA-8081A	ND	A10,S05	1
Endosulfan II	ND	mg/kg	0.010	0.0013	EPA-8081A	ND	A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.010	0.0017	EPA-8081A	ND	A10,S05	1
Endrin	ND	mg/kg	0.010	0.00058	EPA-8081A	ND	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.010	0.00094	EPA-8081A	ND	A10,S05	1
Heptachlor	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.010	0.0010	EPA-8081A	ND	A10,S05	1
Methoxychlor	ND	mg/kg	0.010	0.0012	EPA-8081A	ND	A10,S05	1
Toxaphene	ND	mg/kg	0.20	0.076	EPA-8081A	ND	A10,S05	1
TCMX (Surrogate)	39.9	%	20 - 130 (LCL - UCL)		EPA-8081A		S05	1
Decachlorobiphenyl (Surrogate)	58.3	%	40 - 130 (LCL - UCL)		EPA-8081A		S05	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/23/24 18:00	09/26/24 09:35	HKS	GC-17	20.067	B197407	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-12		Client Sample Name: R3E-3, 9/6/2024 8:25:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00041	EPA-8081A	ND	A10,S05	1
alpha-BHC	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10,S05	1
beta-BHC	ND	mg/kg	0.0050	0.0012	EPA-8081A	ND	A10,S05	1
delta-BHC	ND	mg/kg	0.0050	0.00076	EPA-8081A	ND	A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00061	EPA-8081A	ND	A10,S05	1
Chlordane (Technical)	0.19	mg/kg	0.050	0.033	EPA-8081A	ND	A10,S05	1
4,4'-DDD	0.0021	mg/kg	0.0050	0.00073	EPA-8081A	ND	J,A10,S05	1
4,4'-DDE	0.063	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10,S05	1
4,4'-DDT	0.0023	mg/kg	0.0050	0.00060	EPA-8081A	ND	J,A10,S05	1
Dieldrin	0.042	mg/kg	0.0050	0.00069	EPA-8081A	ND	A10,S05	1
Endosulfan I	ND	mg/kg	0.0050	0.00074	EPA-8081A	ND	A10,S05	1
Endosulfan II	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00087	EPA-8081A	ND	A10,S05	1
Endrin	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00047	EPA-8081A	ND	A10,S05	1
Heptachlor	ND	mg/kg	0.0050	0.00050	EPA-8081A	ND	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00052	EPA-8081A	ND	A10,S05	1
Methoxychlor	ND	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10,S05	1
Toxaphene	ND	mg/kg	0.10	0.038	EPA-8081A	ND	A10,S05	1
TCMX (Surrogate)	89.0	%	20 - 130 (LCL - UCL)		EPA-8081A		S05	1
Decachlorobiphenyl (Surrogate)	67.3	%	40 - 130 (LCL - UCL)		EPA-8081A		S05	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	10/02/24 20:10	10/09/24 03:13	HKS	GC-17	9.934	B197948	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Pace Sample ID: 2414416-13		Client Sample Name: R3S-1, 9/6/2024 8:00:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00041	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.0012	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00076	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00061	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.20	mg/kg	0.050	0.033	EPA-8081A	ND	A10	1
4,4'-DDD	0.0043	mg/kg	0.0050	0.00073	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.10	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
4,4'-DDT	0.0053	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Dieldrin	0.026	mg/kg	0.0050	0.00069	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00074	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00087	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00029	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00047	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00050	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00052	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00060	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.038	EPA-8081A	ND	A10	1
TCMX (Surrogate)	95.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	85.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	09/13/24 10:00	09/17/24 10:40	HKS	GC-17	10	B196573	EPA 3546

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Pace Sample ID: 2414416-13		Client Sample Name: R3S-1, 9/6/2024 8:00:00AM, Client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	1.7	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	84	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.17	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.36	mg/kg	0.50	0.052	EPA-6010B	ND	J	1	
Chromium	14	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	5.0	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	9.8	mg/kg	1.0	0.050	EPA-6010B	ND		1	
Lead	2.0	mg/kg	2.5	0.41	EPA-6010B	ND	J	1	
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	0.50	mg/kg	2.5	0.050	EPA-6010B	ND	J	1	
Nickel	7.6	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	26	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	42	mg/kg	2.5	0.087	EPA-6010B	ND		1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/10/24 14:10	09/12/24 00:36	SDA	ICP6	0.935	B196628	EPA 3050B
2	EPA-7471A	09/17/24 21:00	09/18/24 10:25	TMT	CETAC3	1.008	B197026	EPA 7471A

DCN = Data Continuation Number

Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B196573							
Aldrin	B196573-BLK1	ND	mg/kg	0.00050	0.000041		1
alpha-BHC	B196573-BLK1	ND	mg/kg	0.00050	0.000029		1
beta-BHC	B196573-BLK1	ND	mg/kg	0.00050	0.00012		1
delta-BHC	B196573-BLK1	ND	mg/kg	0.00050	0.000076		1
gamma-BHC (Lindane)	B196573-BLK1	ND	mg/kg	0.00050	0.000061		1
Chlordane (Technical)	B196573-BLK1	ND	mg/kg	0.0050	0.0033		1
4,4'-DDD	B196573-BLK1	ND	mg/kg	0.00050	0.000073		1
4,4'-DDE	B196573-BLK1	ND	mg/kg	0.00050	0.000086		1
4,4'-DDT	B196573-BLK1	ND	mg/kg	0.00050	0.000060		1
Dieldrin	B196573-BLK1	ND	mg/kg	0.00050	0.000069		1
Endosulfan I	B196573-BLK1	ND	mg/kg	0.00050	0.000074		1
Endosulfan II	B196573-BLK1	ND	mg/kg	0.00050	0.000064		1
Endosulfan sulfate	B196573-BLK1	ND	mg/kg	0.00050	0.000087		1
Endrin	B196573-BLK1	ND	mg/kg	0.00050	0.000029		1
Endrin aldehyde	B196573-BLK1	ND	mg/kg	0.00050	0.000047		1
Heptachlor	B196573-BLK1	ND	mg/kg	0.00050	0.000050		1
Heptachlor epoxide	B196573-BLK1	ND	mg/kg	0.00050	0.000052		1
Methoxychlor	B196573-BLK1	ND	mg/kg	0.00050	0.000060		1
Toxaphene	B196573-BLK1	ND	mg/kg	0.010	0.0038		1
TCMX (Surrogate)	B196573-BLK1	83.2	%	20 - 130 (LCL - UCL)			1
Decachlorobiphenyl (Surrogate)	B196573-BLK1	76.1	%	40 - 130 (LCL - UCL)			1

QC Batch ID: B197407							
Aldrin	B197407-BLK1	ND	mg/kg	0.00050	0.000041		2
alpha-BHC	B197407-BLK1	ND	mg/kg	0.00050	0.000029		2
beta-BHC	B197407-BLK1	ND	mg/kg	0.00050	0.00012		2
delta-BHC	B197407-BLK1	ND	mg/kg	0.00050	0.000076		2
gamma-BHC (Lindane)	B197407-BLK1	ND	mg/kg	0.00050	0.000061		2
Chlordane (Technical)	B197407-BLK1	ND	mg/kg	0.0050	0.0033		2
4,4'-DDD	B197407-BLK1	ND	mg/kg	0.00050	0.000073		2
4,4'-DDE	B197407-BLK1	ND	mg/kg	0.00050	0.000086		2
4,4'-DDT	B197407-BLK1	ND	mg/kg	0.00050	0.000060		2
Dieldrin	B197407-BLK1	ND	mg/kg	0.00050	0.000069		2
Endosulfan I	B197407-BLK1	ND	mg/kg	0.00050	0.000074		2

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1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B197407							
Endosulfan II	B197407-BLK1	ND	mg/kg	0.00050	0.000064		2
Endosulfan sulfate	B197407-BLK1	ND	mg/kg	0.00050	0.000087		2
Endrin	B197407-BLK1	ND	mg/kg	0.00050	0.000029		2
Endrin aldehyde	B197407-BLK1	ND	mg/kg	0.00050	0.000047		2
Heptachlor	B197407-BLK1	ND	mg/kg	0.00050	0.000050		2
Heptachlor epoxide	B197407-BLK1	ND	mg/kg	0.00050	0.000052		2
Methoxychlor	B197407-BLK1	ND	mg/kg	0.00050	0.000060		2
Toxaphene	B197407-BLK1	ND	mg/kg	0.010	0.0038		2
TCMX (Surrogate)	B197407-BLK1	49.6	%	20 - 130 (LCL - UCL)			2
Decachlorobiphenyl (Surrogate)	B197407-BLK1	68.2	%	40 - 130 (LCL - UCL)			2
QC Batch ID: B197948							
Aldrin	B197948-BLK1	ND	mg/kg	0.00050	0.000041		3
alpha-BHC	B197948-BLK1	ND	mg/kg	0.00050	0.000029		3
beta-BHC	B197948-BLK1	ND	mg/kg	0.00050	0.00012		3
delta-BHC	B197948-BLK1	ND	mg/kg	0.00050	0.000076		3
gamma-BHC (Lindane)	B197948-BLK1	ND	mg/kg	0.00050	0.000061		3
Chlordane (Technical)	B197948-BLK1	ND	mg/kg	0.0050	0.0033		3
4,4'-DDD	B197948-BLK1	ND	mg/kg	0.00050	0.000073		3
4,4'-DDE	B197948-BLK1	ND	mg/kg	0.00050	0.000086		3
4,4'-DDT	B197948-BLK1	ND	mg/kg	0.00050	0.000060		3
Dieldrin	B197948-BLK1	ND	mg/kg	0.00050	0.000069		3
Endosulfan I	B197948-BLK1	ND	mg/kg	0.00050	0.000074		3
Endosulfan II	B197948-BLK1	ND	mg/kg	0.00050	0.000064		3
Endosulfan sulfate	B197948-BLK1	ND	mg/kg	0.00050	0.000087		3
Endrin	B197948-BLK1	ND	mg/kg	0.00050	0.000029		3
Endrin aldehyde	B197948-BLK1	ND	mg/kg	0.00050	0.000047		3
Heptachlor	B197948-BLK1	ND	mg/kg	0.00050	0.000050		3
Heptachlor epoxide	B197948-BLK1	ND	mg/kg	0.00050	0.000052		3
Methoxychlor	B197948-BLK1	ND	mg/kg	0.00050	0.000060		3
Toxaphene	B197948-BLK1	ND	mg/kg	0.010	0.0038		3
TCMX (Surrogate)	B197948-BLK1	92.3	%	20 - 130 (LCL - UCL)			3
Decachlorobiphenyl (Surrogate)	B197948-BLK1	96.6	%	40 - 130 (LCL - UCL)			3

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Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B196573-BLK1	PB	EPA-8081A	09/13/24	09/16/24	22:53	HKS	GC-17	1
2	B197407-BLK1	PB	EPA-8081A	09/23/24	09/24/24	21:20	HKS	GC-17	1.010
3	B197948-BLK1	PB	EPA-8081A	10/02/24	10/08/24	20:13	HKS	GC-17	1

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1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD		
QC Batch ID: B196573											
Aldrin	B196573-BS1	LCS	0.0042779	0.0050336	mg/kg	85.0		70 - 130			1
alpha-BHC	B196573-BS1	LCS	0.0041849	0.0050336	mg/kg	83.1		60 - 130			1
beta-BHC	B196573-BS1	LCS	0.0044597	0.0050336	mg/kg	88.6		30 - 130			1
delta-BHC	B196573-BS1	LCS	0.0048050	0.0050336	mg/kg	95.5		60 - 130			1
gamma-BHC (Lindane)	B196573-BS1	LCS	0.0043144	0.0050336	mg/kg	85.7		60 - 130			1
4,4'-DDD	B196573-BS1	LCS	0.0043054	0.0050336	mg/kg	85.5		60 - 130			1
4,4'-DDE	B196573-BS1	LCS	0.0043775	0.0050336	mg/kg	87.0		60 - 130			1
4,4'-DDT	B196573-BS1	LCS	0.0040493	0.0050336	mg/kg	80.4		60 - 130			1
Dieldrin	B196573-BS1	LCS	0.0042886	0.0050336	mg/kg	85.2		70 - 130			1
Endosulfan I	B196573-BS1	LCS	0.0043208	0.0050336	mg/kg	85.8		60 - 130			1
Endosulfan II	B196573-BS1	LCS	0.0044879	0.0050336	mg/kg	89.2		60 - 130			1
Endosulfan sulfate	B196573-BS1	LCS	0.0043658	0.0050336	mg/kg	86.7		60 - 130			1
Endrin	B196573-BS1	LCS	0.0039242	0.0050336	mg/kg	78.0		60 - 130			1
Endrin aldehyde	B196573-BS1	LCS	0.0031292	0.0050336	mg/kg	62.2		60 - 130			1
Heptachlor	B196573-BS1	LCS	0.0040131	0.0050336	mg/kg	79.7		60 - 130			1
Heptachlor epoxide	B196573-BS1	LCS	0.0043738	0.0050336	mg/kg	86.9		60 - 130			1
Methoxychlor	B196573-BS1	LCS	0.0038017	0.0050336	mg/kg	75.5		60 - 130			1
TCMX (Surrogate)	B196573-BS1	LCS	0.0084265	0.010067	mg/kg	83.7		20 - 130			1
Decachlorobiphenyl (Surrogate)	B196573-BS1	LCS	0.015405	0.020134	mg/kg	76.5		40 - 130			1
QC Batch ID: B197407											
Aldrin	B197407-BS1	LCS	0.0034074	0.0050336	mg/kg	67.7		70 - 130		L01	2
alpha-BHC	B197407-BS1	LCS	0.0035044	0.0050336	mg/kg	69.6		60 - 130			2
beta-BHC	B197407-BS1	LCS	0.0036913	0.0050336	mg/kg	73.3		30 - 130			2
delta-BHC	B197407-BS1	LCS	0.0036144	0.0050336	mg/kg	71.8		60 - 130			2
gamma-BHC (Lindane)	B197407-BS1	LCS	0.0036315	0.0050336	mg/kg	72.1		60 - 130			2
4,4'-DDD	B197407-BS1	LCS	0.0036067	0.0050336	mg/kg	71.7		60 - 130			2
4,4'-DDE	B197407-BS1	LCS	0.0037728	0.0050336	mg/kg	75.0		60 - 130			2
4,4'-DDT	B197407-BS1	LCS	0.0037087	0.0050336	mg/kg	73.7		60 - 130			2
Dieldrin	B197407-BS1	LCS	0.0037698	0.0050336	mg/kg	74.9		70 - 130			2
Endosulfan I	B197407-BS1	LCS	0.0036020	0.0050336	mg/kg	71.6		60 - 130			2
Endosulfan II	B197407-BS1	LCS	0.0038268	0.0050336	mg/kg	76.0		60 - 130			2
Endosulfan sulfate	B197407-BS1	LCS	0.0036829	0.0050336	mg/kg	73.2		60 - 130			2
Endrin	B197407-BS1	LCS	0.0037705	0.0050336	mg/kg	74.9		60 - 130			2

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Run #
								Percent Recovery	RPD		
QC Batch ID: B197407											
Endrin aldehyde	B197407-BS1	LCS	0.0033413	0.0050336	mg/kg	66.4		60 - 130			2
Heptachlor	B197407-BS1	LCS	0.0036144	0.0050336	mg/kg	71.8		60 - 130			2
Heptachlor epoxide	B197407-BS1	LCS	0.0037168	0.0050336	mg/kg	73.8		60 - 130			2
Methoxychlor	B197407-BS1	LCS	0.0038839	0.0050336	mg/kg	77.2		60 - 130			2
TCMX (Surrogate)	B197407-BS1	LCS	0.0063728	0.010067	mg/kg	63.3		20 - 130			2
Decachlorobiphenyl (Surrogate)	B197407-BS1	LCS	0.016647	0.020134	mg/kg	82.7		40 - 130			2
QC Batch ID: B197948											
Aldrin	B197948-BS1	LCS	0.0042280	0.0050676	mg/kg	83.4		70 - 130			3
alpha-BHC	B197948-BS1	LCS	0.0040608	0.0050676	mg/kg	80.1		60 - 130			3
beta-BHC	B197948-BS1	LCS	0.0043419	0.0050676	mg/kg	85.7		30 - 130			3
delta-BHC	B197948-BS1	LCS	0.0041912	0.0050676	mg/kg	82.7		60 - 130			3
gamma-BHC (Lindane)	B197948-BS1	LCS	0.0041243	0.0050676	mg/kg	81.4		60 - 130			3
4,4'-DDD	B197948-BS1	LCS	0.0039372	0.0050676	mg/kg	77.7		60 - 130			3
4,4'-DDE	B197948-BS1	LCS	0.0040574	0.0050676	mg/kg	80.1		60 - 130			3
4,4'-DDT	B197948-BS1	LCS	0.0036338	0.0050676	mg/kg	71.7		60 - 130			3
Dieldrin	B197948-BS1	LCS	0.0041095	0.0050676	mg/kg	81.1		70 - 130			3
Endosulfan I	B197948-BS1	LCS	0.0041858	0.0050676	mg/kg	82.6		60 - 130			3
Endosulfan II	B197948-BS1	LCS	0.0041679	0.0050676	mg/kg	82.2		60 - 130			3
Endosulfan sulfate	B197948-BS1	LCS	0.0039598	0.0050676	mg/kg	78.1		60 - 130			3
Endrin	B197948-BS1	LCS	0.0037054	0.0050676	mg/kg	73.1		60 - 130			3
Endrin aldehyde	B197948-BS1	LCS	0.0034399	0.0050676	mg/kg	67.9		60 - 130			3
Heptachlor	B197948-BS1	LCS	0.0042253	0.0050676	mg/kg	83.4		60 - 130			3
Heptachlor epoxide	B197948-BS1	LCS	0.0040291	0.0050676	mg/kg	79.5		60 - 130			3
Methoxychlor	B197948-BS1	LCS	0.0036321	0.0050676	mg/kg	71.7		60 - 130			3
TCMX (Surrogate)	B197948-BS1	LCS	0.0093176	0.010135	mg/kg	91.9		20 - 130			3
Decachlorobiphenyl (Surrogate)	B197948-BS1	LCS	0.016550	0.020270	mg/kg	81.6		40 - 130			3

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B196573-BS1	LCS	EPA-8081A	09/13/24	09/16/24	23:10	HKS	GC-17	1.007
2	B197407-BS1	LCS	EPA-8081A	09/23/24	09/24/24	21:37	HKS	GC-17	1.007
3	B197948-BS1	LCS	EPA-8081A	10/02/24	10/09/24	03:30	HKS	GC-17	1.014

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196573		Used client sample: Y - Description: R3B-1, 09/06/2024 08:30										
Aldrin	MS	2414416-01	ND	0.0040269	0.0050505	mg/kg		79.7		50 - 140	J	1
	MSD	2414416-01	ND	0.0041279	0.0050505	mg/kg	2.5	81.7	30	50 - 140	J	2
alpha-BHC	MS	2414416-01	ND	0.0037037	0.0050505	mg/kg		73.3		50 - 140	J	1
	MSD	2414416-01	ND	0.0037643	0.0050505	mg/kg	1.6	74.5	30	50 - 140	J	2
beta-BHC	MS	2414416-01	ND	0.0038788	0.0050505	mg/kg		76.8		30 - 140	J	1
	MSD	2414416-01	ND	0.0040539	0.0050505	mg/kg	4.4	80.3	30	30 - 140	J	2
delta-BHC	MS	2414416-01	ND	0.0042694	0.0050505	mg/kg		84.5		50 - 140	J	1
	MSD	2414416-01	ND	0.0042290	0.0050505	mg/kg	1.0	83.7	30	50 - 140	J	2
gamma-BHC (Lindane)	MS	2414416-01	ND	0.0039259	0.0050505	mg/kg		77.7		50 - 140	J	1
	MSD	2414416-01	ND	0.0039596	0.0050505	mg/kg	0.9	78.4	30	50 - 140	J	2
4,4'-DDD	MS	2414416-01	0.0065135	0.0073939	0.0050505	mg/kg		17.4		50 - 140	J,Q03	1
	MSD	2414416-01	0.0065135	0.0063434	0.0050505	mg/kg	15.3	-3.4	30	50 - 140	J,Q03	2
4,4'-DDE	MS	2414416-01	0.11443	0.13861	0.0050505	mg/kg		479		50 - 140	Q03	1
	MSD	2414416-01	0.11443	0.13576	0.0050505	mg/kg	2.1	422	30	50 - 140	Q03	2
4,4'-DDT	MS	2414416-01	0.0099122	0.013798	0.0050505	mg/kg		76.9		50 - 140		1
	MSD	2414416-01	0.0099122	0.017152	0.0050505	mg/kg	21.7	143	30	50 - 140	Q03	2
Dieldrin	MS	2414416-01	0.039041	0.047508	0.0050505	mg/kg		168		40 - 140	Q03	1
	MSD	2414416-01	0.039041	0.046875	0.0050505	mg/kg	1.3	155	30	40 - 140	Q03	2
Endosulfan I	MS	2414416-01	ND	0.0061953	0.0050505	mg/kg		123		50 - 140	J	1
	MSD	2414416-01	ND	0.0061145	0.0050505	mg/kg	1.3	121	30	50 - 140	J	2
Endosulfan II	MS	2414416-01	ND	0.0053872	0.0050505	mg/kg		107		50 - 140	J	1
	MSD	2414416-01	ND	0.0047003	0.0050505	mg/kg	13.6	93.1	30	50 - 140	J	2
Endosulfan sulfate	MS	2414416-01	ND	0.0063098	0.0050505	mg/kg		125		50 - 140	J	1
	MSD	2414416-01	ND	0.0050101	0.0050505	mg/kg	23.0	99.2	30	50 - 140	J	2
Endrin	MS	2414416-01	ND	0.0060067	0.0050505	mg/kg		119		50 - 140	J	1
	MSD	2414416-01	ND	0.0046801	0.0050505	mg/kg	24.8	92.7	30	50 - 140	J	2
Endrin aldehyde	MS	2414416-01	ND	0.0047003	0.0050505	mg/kg		93.1		50 - 140	J	1
	MSD	2414416-01	ND	0.0055556	0.0050505	mg/kg	16.7	110	30	50 - 140	J	2
Heptachlor	MS	2414416-01	ND	0.0038114	0.0050505	mg/kg		75.5		60 - 140	J	1
	MSD	2414416-01	ND	0.0038519	0.0050505	mg/kg	1.1	76.3	30	60 - 140	J	2
Heptachlor epoxide	MS	2414416-01	ND	0.0078519	0.0050505	mg/kg		155		50 - 140	J,Q03	1
	MSD	2414416-01	ND	0.0078451	0.0050505	mg/kg	0.1	155	30	50 - 140	J,Q03	2
Methoxychlor	MS	2414416-01	ND	0.0046195	0.0050505	mg/kg		91.5		50 - 140	J	1
	MSD	2414416-01	ND	0.0049697	0.0050505	mg/kg	7.3	98.4	30	50 - 140	J	2
TCMX (Surrogate)	MS	2414416-01	ND	0.0075354	0.010101	mg/kg		74.6		20 - 130		1
	MSD	2414416-01	ND	0.0078855	0.010101	mg/kg	4.5	78.1		20 - 130		2

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab	R#
QC Batch ID: B196573		Used client sample: Y - Description: R3B-1, 09/06/2024 08:30										
Decachlorobiphenyl (Surrogate)	MS	2414416-01	ND	0.016586	0.020202	mg/kg		82.1		40 - 130		1
	MSD	2414416-01	ND	0.016424	0.020202	mg/kg	1.0	81.3		40 - 130		2
QC Batch ID: B197407		Used client sample: Y - Description: R3E-2, 09/06/2024 08:20										
Aldrin	MS	2414416-11	ND	0.0023455	0.0049834	mg/kg		47.1		50 - 140	J,Q03	3
	MSD	2414416-11	ND	0.0022914	0.0049669	mg/kg	2.3	46.1	30	50 - 140	J,Q03	4
alpha-BHC	MS	2414416-11	ND	0.0020199	0.0049834	mg/kg		40.5		50 - 140	J,Q03	3
	MSD	2414416-11	ND	0.0020397	0.0049669	mg/kg	1.0	41.1	30	50 - 140	J,Q03	4
beta-BHC	MS	2414416-11	ND	ND	0.0049834	mg/kg		30.9		30 - 140	Q03	3
	MSD	2414416-11	ND	ND	0.0049669	mg/kg	1.4	31.5	30	30 - 140	Q03	4
delta-BHC	MS	2414416-11	ND	0.0019535	0.0049834	mg/kg		39.2		50 - 140	J,Q03	3
	MSD	2414416-11	ND	0.0018940	0.0049669	mg/kg	3.1	38.1	30	50 - 140	J,Q03	4
gamma-BHC (Lindane)	MS	2414416-11	ND	0.0018538	0.0049834	mg/kg		37.2		50 - 140	J,Q03	3
	MSD	2414416-11	ND	0.0018212	0.0049669	mg/kg	1.8	36.7	30	50 - 140	J,Q03	4
4,4'-DDD	MS	2414416-11	0.0058796	0.0063455	0.0049834	mg/kg		9.3		50 - 140	J,Q03	3
	MSD	2414416-11	0.0058796	0.0063046	0.0049669	mg/kg	0.6	8.6	30	50 - 140	J,Q03	4
4,4'-DDE	MS	2414416-11	0.11106	0.090306	0.0049834	mg/kg		-417		50 - 140	Q03	3
	MSD	2414416-11	0.11106	0.090126	0.0049669	mg/kg	0.2	-422	30	50 - 140	Q03	4
4,4'-DDT	MS	2414416-11	0.0064080	0.0072558	0.0049834	mg/kg		17.0		50 - 140	J,Q03	3
	MSD	2414416-11	0.0064080	0.0077417	0.0049669	mg/kg	6.5	26.9	30	50 - 140	J,Q03	4
Dieldrin	MS	2414416-11	0.072856	0.061415	0.0049834	mg/kg		-230		40 - 140	Q03	3
	MSD	2414416-11	0.072856	0.059656	0.0049669	mg/kg	2.9	-266	30	40 - 140	Q03	4
Endosulfan I	MS	2414416-11	ND	0.0029369	0.0049834	mg/kg		58.9		50 - 140	J	3
	MSD	2414416-11	ND	0.0024437	0.0049669	mg/kg	18.3	49.2	30	50 - 140	J,Q03	4
Endosulfan II	MS	2414416-11	ND	0.0055880	0.0049834	mg/kg		112		50 - 140	J	3
	MSD	2414416-11	ND	0.0060861	0.0049669	mg/kg	8.5	123	30	50 - 140	J	4
Endosulfan sulfate	MS	2414416-11	ND	ND	0.0049834	mg/kg		30.5		50 - 140	Q03	3
	MSD	2414416-11	ND	ND	0.0049669	mg/kg	1.0	30.9	30	50 - 140	Q03	4
Endrin	MS	2414416-11	ND	0.0030432	0.0049834	mg/kg		61.1		50 - 140	J	3
	MSD	2414416-11	ND	0.0018212	0.0049669	mg/kg	50.2	36.7	30	50 - 140	J,Q03	4
Endrin aldehyde	MS	2414416-11	ND	0.0029037	0.0049834	mg/kg		58.3		50 - 140	J	3
	MSD	2414416-11	ND	0.0039868	0.0049669	mg/kg	31.4	80.3	30	50 - 140	J,Q02	4
Heptachlor	MS	2414416-11	ND	0.0019601	0.0049834	mg/kg		39.3		60 - 140	J,Q03	3
	MSD	2414416-11	ND	0.0019205	0.0049669	mg/kg	2.0	38.7	30	60 - 140	J,Q03	4
Heptachlor epoxide	MS	2414416-11	ND	0.0049502	0.0049834	mg/kg		99.3		50 - 140	J	3
	MSD	2414416-11	ND	0.0049669	0.0049669	mg/kg	0.3	100	30	50 - 140	J	4
Methoxychlor	MS	2414416-11	ND	ND	0.0049834	mg/kg		5.3		50 - 140	Q03	3
	MSD	2414416-11	ND	ND	0.0049669	mg/kg	111	18.8	30	50 - 140	Q03	4

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1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits			
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B197407		Used client sample: Y - Description: R3E-2, 09/06/2024 08:20										
TCMX (Surrogate)	MS	2414416-11	ND	0.0038073	0.0099668	mg/kg		38.2		20 - 130		3
	MSD	2414416-11	ND	0.0037483	0.0099338	mg/kg	1.6	37.7		20 - 130		4
Decachlorobiphenyl (Surrogate)	MS	2414416-11	ND	0.010053	0.019934	mg/kg		50.4		40 - 130		3
	MSD	2414416-11	ND	0.0097815	0.019868	mg/kg	2.7	49.2		40 - 130		4
QC Batch ID: B197948		Used client sample: Y - Description: R3E-3, 09/06/2024 08:25										
Aldrin	MS	2414416-12	ND	0.0048956	0.0050505	mg/kg		96.9		50 - 140	J	5
	MSD	2414416-12	ND	0.0044020	0.0049834	mg/kg	10.6	88.3	30	50 - 140	J	6
alpha-BHC	MS	2414416-12	ND	0.0034714	0.0050505	mg/kg		68.7		50 - 140	J	5
	MSD	2414416-12	ND	0.0032126	0.0049834	mg/kg	7.7	64.5	30	50 - 140	J	6
beta-BHC	MS	2414416-12	ND	0.0039226	0.0050505	mg/kg		77.7		30 - 140	J	5
	MSD	2414416-12	ND	0.0034850	0.0049834	mg/kg	11.8	69.9	30	30 - 140	J	6
delta-BHC	MS	2414416-12	ND	0.0025522	0.0050505	mg/kg		50.5		50 - 140	J	5
	MSD	2414416-12	ND	0.0021794	0.0049834	mg/kg	15.8	43.7	30	50 - 140	J,Q03	6
gamma-BHC (Lindane)	MS	2414416-12	ND	0.0031684	0.0050505	mg/kg		62.7		50 - 140	J	5
	MSD	2414416-12	ND	0.0028505	0.0049834	mg/kg	10.6	57.2	30	50 - 140	J	6
4,4'-DDD	MS	2414416-12	0.0021424	0.0061279	0.0050505	mg/kg		78.9		50 - 140		5
	MSD	2414416-12	0.0021424	0.0055150	0.0049834	mg/kg	10.5	67.7	30	50 - 140		6
4,4'-DDE	MS	2414416-12	0.063129	0.073081	0.0050505	mg/kg		197		50 - 140	Q03	5
	MSD	2414416-12	0.063129	0.064203	0.0049834	mg/kg	12.9	21.5	30	50 - 140	Q03	6
4,4'-DDT	MS	2414416-12	0.0023146	0.0074983	0.0050505	mg/kg		103		50 - 140		5
	MSD	2414416-12	0.0023146	0.0062292	0.0049834	mg/kg	18.5	78.6	30	50 - 140		6
Dieldrin	MS	2414416-12	0.042007	0.054118	0.0050505	mg/kg		240		40 - 140	Q03	5
	MSD	2414416-12	0.042007	0.047774	0.0049834	mg/kg	12.5	116	30	40 - 140		6
Endosulfan I	MS	2414416-12	ND	0.0032458	0.0050505	mg/kg		64.3		50 - 140	J	5
	MSD	2414416-12	ND	0.0022957	0.0049834	mg/kg	34.3	46.1	30	50 - 140	J,Q03, V11	6
Endosulfan II	MS	2414416-12	ND	0.0043569	0.0050505	mg/kg		86.3		50 - 140	J	5
	MSD	2414416-12	ND	0.0031993	0.0049834	mg/kg	30.6	64.2	30	50 - 140	J,Q02	6
Endosulfan sulfate	MS	2414416-12	ND	0.0026869	0.0050505	mg/kg		53.2		50 - 140	J	5
	MSD	2414416-12	ND	0.0021894	0.0049834	mg/kg	20.4	43.9	30	50 - 140	J,Q03	6
Endrin	MS	2414416-12	ND	0.0053434	0.0050505	mg/kg		106		50 - 140		5
	MSD	2414416-12	ND	0.0045482	0.0049834	mg/kg	16.1	91.3	30	50 - 140	J	6
Endrin aldehyde	MS	2414416-12	ND	0.0052694	0.0050505	mg/kg		104		50 - 140		5
	MSD	2414416-12	ND	0.0042193	0.0049834	mg/kg	22.1	84.7	30	50 - 140	J	6
Heptachlor	MS	2414416-12	ND	0.0040505	0.0050505	mg/kg		80.2		60 - 140	J	5
	MSD	2414416-12	ND	0.0036047	0.0049834	mg/kg	11.6	72.3	30	60 - 140	J	6
Heptachlor epoxide	MS	2414416-12	ND	0.0088249	0.0050505	mg/kg		175		50 - 140	Q03	5
	MSD	2414416-12	ND	0.0054352	0.0049834	mg/kg	47.5	109	30	50 - 140	Q02	6

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Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B197948		Used client sample: Y - Description: R3E-3, 09/06/2024 08:25										
Methoxychlor	MS	2414416-12	ND	0.0013064	0.0050505	mg/kg		25.9		50 - 140	J,Q03	5
	MSD	2414416-12	ND	0.0028405	0.0049834	mg/kg	74.0	57.0	30	50 - 140	J,Q02	6
TCMX (Surrogate)	MS	2414416-12	ND	0.0098013	0.010101	mg/kg		97.0		20 - 130		5
	MSD	2414416-12	ND	0.0090365	0.0099668	mg/kg	8.1	90.7		20 - 130		6
Decachlorobiphenyl (Surrogate)	MS	2414416-12	ND	0.022424	0.020202	mg/kg		111		40 - 130		5
	MSD	2414416-12	ND	0.018236	0.019934	mg/kg	20.6	91.5		40 - 130		6

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196573-MS1	MS	EPA-8081A	09/13/24	09/17/24 08:59	HKS	GC-17	20.202
2	B196573-MSD1	MSD	EPA-8081A	09/13/24	09/17/24 09:16	HKS	GC-17	20.202
3	B197407-MS1	MS	EPA-8081A	09/23/24	09/26/24 09:52	HKS	GC-17	19.934
4	B197407-MSD1	MSD	EPA-8081A	09/23/24	09/26/24 10:09	HKS	GC-17	19.868
5	B197948-MS1	MS	EPA-8081A	10/02/24	10/09/24 02:40	HKS	GC-17	10.101
6	B197948-MSD1	MSD	EPA-8081A	10/02/24	10/09/24 02:56	HKS	GC-17	9.967

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Kimley-Horn and Associates, Inc
1100 Town and Country Road, Suite 700
Orange, CA 92868

Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
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QC Batch ID: B196628

Antimony	B196628-BLK1	ND	mg/kg	5.0	0.33		1
Arsenic	B196628-BLK1	ND	mg/kg	1.0	0.40		1
Barium	B196628-BLK1	ND	mg/kg	0.50	0.18		1
Beryllium	B196628-BLK1	ND	mg/kg	0.50	0.047		1
Cadmium	B196628-BLK1	ND	mg/kg	0.50	0.052		1
Chromium	B196628-BLK1	ND	mg/kg	0.50	0.050		1
Cobalt	B196628-BLK1	ND	mg/kg	2.5	0.098		1
Copper	B196628-BLK1	ND	mg/kg	1.0	0.050		1
Lead	B196628-BLK1	ND	mg/kg	2.5	0.41		1
Molybdenum	B196628-BLK1	ND	mg/kg	2.5	0.050		1
Nickel	B196628-BLK1	ND	mg/kg	0.50	0.15		1
Selenium	B196628-BLK1	ND	mg/kg	1.0	0.98		1
Silver	B196628-BLK1	ND	mg/kg	0.50	0.067		1
Thallium	B196628-BLK1	ND	mg/kg	5.0	0.64		1
Vanadium	B196628-BLK1	ND	mg/kg	0.50	0.11		1
Zinc	B196628-BLK1	ND	mg/kg	2.5	0.087		1

QC Batch ID: B197026

Mercury	B197026-BLK1	ND	mg/kg	0.16	0.016		2
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Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196628-BLK1	PB	EPA-6010B	09/10/24	09/12/24 00:00	SDA	ICP6	1
2	B197026-BLK1	PB	EPA-7471A	09/17/24	09/18/24 10:01	TMT	CETAC3	1

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Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

								Control Limits			
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab	Run #
										Quals	
QC Batch ID: B196628											
Antimony	B196628-BS1	LCS	35.500	40.000	mg/kg	88.8		75 - 125			1
Arsenic	B196628-BS1	LCS	18.345	20.000	mg/kg	91.7		75 - 125			1
Barium	B196628-BS1	LCS	39.615	40.000	mg/kg	99.0		75 - 125			1
Beryllium	B196628-BS1	LCS	19.179	20.000	mg/kg	95.9		75 - 125			1
Cadmium	B196628-BS1	LCS	19.300	20.000	mg/kg	96.5		75 - 125			1
Chromium	B196628-BS1	LCS	19.510	20.000	mg/kg	97.6		75 - 125			1
Cobalt	B196628-BS1	LCS	19.480	20.000	mg/kg	97.4		75 - 125			1
Copper	B196628-BS1	LCS	38.230	40.000	mg/kg	95.6		75 - 125			1
Lead	B196628-BS1	LCS	39.210	40.000	mg/kg	98.0		75 - 125			1
Molybdenum	B196628-BS1	LCS	19.545	20.000	mg/kg	97.7		75 - 125			1
Nickel	B196628-BS1	LCS	38.915	40.000	mg/kg	97.3		75 - 125			1
Selenium	B196628-BS1	LCS	17.770	20.000	mg/kg	88.8		75 - 125			1
Silver	B196628-BS1	LCS	9.3300	10.000	mg/kg	93.3		75 - 125			1
Thallium	B196628-BS1	LCS	39.020	40.000	mg/kg	97.6		75 - 125			1
Vanadium	B196628-BS1	LCS	19.675	20.000	mg/kg	98.4		75 - 125			1
Zinc	B196628-BS1	LCS	47.405	50.000	mg/kg	94.8		75 - 125			1
QC Batch ID: B197026											
Mercury	B197026-BS1	LCS	0.80320	0.80000	mg/kg	100		80 - 120			2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B196628-BS1	LCS	EPA-6010B	09/10/24	09/12/24	00:02	SDA	ICP6	1
2	B197026-BS1	LCS	EPA-7471A	09/17/24	09/18/24	10:03	TMT	CETAC3	1

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Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196628		Used client sample: Y - Description: R3N-1, 09/06/2024 07:40										
Antimony	DUP	2414416-04	ND	ND		mg/kg			20			1
	MS	2414416-04	ND	16.590	40.000	mg/kg		41.5		16 - 119		2
	MSD	2414416-04	ND	16.195	40.000	mg/kg	2.4	40.5	20	16 - 119		3
Arsenic	DUP	2414416-04	1.8700	1.3750		mg/kg	30.5		20		A02	1
	MS	2414416-04	1.8700	19.535	20.000	mg/kg		88.3		75 - 125		2
	MSD	2414416-04	1.8700	19.650	20.000	mg/kg	0.6	88.9	20	75 - 125		3
Barium	DUP	2414416-04	87.465	83.980		mg/kg	4.1		20			1
	MS	2414416-04	87.465	129.82	40.000	mg/kg		106		75 - 125		2
	MSD	2414416-04	87.465	131.78	40.000	mg/kg	1.5	111	20	75 - 125		3
Beryllium	DUP	2414416-04	0.16405	0.16025		mg/kg	2.3		20		J	1
	MS	2414416-04	0.16405	18.115	20.000	mg/kg		89.8		75 - 125		2
	MSD	2414416-04	0.16405	18.115	20.000	mg/kg	0.0	89.8	20	75 - 125		3
Cadmium	DUP	2414416-04	0.47000	0.46500		mg/kg	1.1		20		J	1
	MS	2414416-04	0.47000	18.110	20.000	mg/kg		88.2		75 - 125		2
	MSD	2414416-04	0.47000	18.120	20.000	mg/kg	0.1	88.2	20	75 - 125		3
Chromium	DUP	2414416-04	14.635	13.560		mg/kg	7.6		20			1
	MS	2414416-04	14.635	34.225	20.000	mg/kg		98.0		75 - 125		2
	MSD	2414416-04	14.635	34.235	20.000	mg/kg	0.0	98.0	20	75 - 125		3
Cobalt	DUP	2414416-04	5.1500	5.0350		mg/kg	2.3		20			1
	MS	2414416-04	5.1500	23.470	20.000	mg/kg		91.6		75 - 125		2
	MSD	2414416-04	5.1500	23.475	20.000	mg/kg	0.0	91.6	20	75 - 125		3
Copper	DUP	2414416-04	9.2500	9.2650		mg/kg	0.2		20			1
	MS	2414416-04	9.2500	47.405	40.000	mg/kg		95.4		75 - 125		2
	MSD	2414416-04	9.2500	47.790	40.000	mg/kg	0.8	96.4	20	75 - 125		3
Lead	DUP	2414416-04	2.0200	1.9400		mg/kg	4.0		20		J	1
	MS	2414416-04	2.0200	37.610	40.000	mg/kg		89.0		75 - 125		2
	MSD	2414416-04	2.0200	37.380	40.000	mg/kg	0.6	88.4	20	75 - 125		3
Molybdenum	DUP	2414416-04	0.51000	0.49500		mg/kg	3.0		20		J	1
	MS	2414416-04	0.51000	18.365	20.000	mg/kg		89.3		75 - 125		2
	MSD	2414416-04	0.51000	18.450	20.000	mg/kg	0.5	89.7	20	75 - 125		3
Nickel	DUP	2414416-04	7.7650	7.6600		mg/kg	1.4		20			1
	MS	2414416-04	7.7650	44.020	40.000	mg/kg		90.6		75 - 125		2
	MSD	2414416-04	7.7650	44.230	40.000	mg/kg	0.5	91.2	20	75 - 125		3
Selenium	DUP	2414416-04	ND	ND		mg/kg			20			1
	MS	2414416-04	ND	16.370	20.000	mg/kg		81.8		75 - 125		2
	MSD	2414416-04	ND	16.825	20.000	mg/kg	2.7	84.1	20	75 - 125		3
Silver	DUP	2414416-04	ND	ND		mg/kg			20			1
	MS	2414416-04	ND	9.0300	10.000	mg/kg		90.3		75 - 125		2
	MSD	2414416-04	ND	9.0400	10.000	mg/kg	0.1	90.4	20	75 - 125		3

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Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	R#
QC Batch ID: B196628		Used client sample: Y - Description: R3N-1, 09/06/2024 07:40										
Thallium	DUP	2414416-04	ND	ND		mg/kg			20			1
	MS	2414416-04	ND	33.015	40.000	mg/kg		82.5		75 - 125		2
	MSD	2414416-04	ND	32.705	40.000	mg/kg	0.9	81.8	20	75 - 125		3
Vanadium	DUP	2414416-04	26.335	25.525		mg/kg	3.1		20			1
	MS	2414416-04	26.335	49.660	20.000	mg/kg		117		75 - 125		2
	MSD	2414416-04	26.335	50.270	20.000	mg/kg	1.2	120	20	75 - 125		3
Zinc	DUP	2414416-04	51.045	50.225		mg/kg	1.6		20			1
	MS	2414416-04	51.045	95.850	50.000	mg/kg		89.6		75 - 125		2
	MSD	2414416-04	51.045	96.135	50.000	mg/kg	0.3	90.2	20	75 - 125		3

QC Batch ID: B197026		Used client sample: Y - Description: R3B-1, 09/06/2024 08:30										
Mercury	DUP	2414416-01	ND	ND		mg/kg			20			4
	MS	2414416-01	ND	0.79524	0.79365	mg/kg		100		80 - 120		5
	MSD	2414416-01	ND	0.81587	0.79365	mg/kg	2.6	103	20	80 - 120		6

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B196628-DUP1	DUP	EPA-6010B	09/10/24	09/12/24 00:06	SDA	ICP6	1
2	B196628-MS1	MS	EPA-6010B	09/10/24	09/12/24 00:09	SDA	ICP6	1
3	B196628-MSD1	MSD	EPA-6010B	09/10/24	09/12/24 00:11	SDA	ICP6	1
4	B197026-DUP1	DUP	EPA-7471A	09/17/24	09/18/24 10:06	TMT	CETAC3	0.992
5	B197026-MS1	MS	EPA-7471A	09/17/24	09/18/24 10:08	TMT	CETAC3	0.992
6	B197026-MSD1	MSD	EPA-7471A	09/17/24	09/18/24 10:10	TMT	CETAC3	0.992

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Reported: 10/11/2024 13:04
Project: Coachella
Project Number: Coachella
Project Manager: Cassie Bretschger

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A10	Detection and quantitation limits were raised due to matrix interference.
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S05	The sample holding time was exceeded.
V11	The Continuing Calibration Verification (CCV) recovery was not within established control limits.

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