



July 30, 2021

Pre-Demolition PCB Survey Report

Contra Costa College
2600 Mission Bell Drive
San Pablo, California 94806

Prepared for:

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FACS Project #PJ63338

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Executive Summary

Forensic Analytical Consulting Services, Inc. (FACS) was retained by Ms. Gaile Suarez of Contra Costa Community College District to provide a pre-demolition survey for suspect polychlorinated biphenyl (PCB) containing building materials at the following structures located on the Contra Costa Community College campus at 2600 Mission Bell Drive in San Pablo, California: Chemical Storage Building, Biological Science Building, Boiler Room Building, Chiller Unit, and Physical Science Building North and Physical Science Building South (collectively called Physical Science Building).

The purpose of this survey was to assist Contra Costa Community College District in complying with the PCBs in Priority Building Materials: Model Screening Assessment Applicant Package document from the Bay Area Stormwater Management Agencies Association (BASMAA). In addition, this survey was intended to provide information concerning suspected PCB-containing materials that could require removal and disposal per the U.S. Environmental Protection Agency (USEPA), Region 9, for compliance with 40 CFR 761.

FACS identified 24 suspect PCB-containing materials within exterior and interior areas of the six project structures, that will be impacted by the planned demolition activities. None of the materials tested had PCBs at concentrations equal to or above 50 mg/kg. Detectable concentrations of PCBs were reported in the samples collected from the window caulking at the Physical Science Building and roof field tar at the Biological Science Building. The concentrations ranged from <1.4 milligram per kilogram (mg/kg) to 1.5 mg/kg.

A more complete discussion of our findings, conclusions, and recommendations is provided below.

Introduction

Forensic Analytical Consulting Services, Inc. (FACS) was retained by Contra Costa Community College District to provide a pre-demolition survey for suspect polychlorinated biphenyl (PCB)-containing materials at six (6) structures located on the Contra Costa Community College campus at 2600 Mission Bell Drive, in San Pablo, California. The survey was conducted between May 24, and July 2, 2021. The purpose of the survey was to identify and sample suspect PCB-containing building materials that will be disturbed during the demolition of the structures.

The FACS project management team consisted of Gary Lowe, Project Manager, Miguel Coyotl, Abel Zarazua, Jim Sevilla, and Anthony Aguilar, on-site sampling technicians. This report presents the findings of this PCB building material survey.

Site Characterization

This survey includes six (6) structures located on Contra Costa College Campus, 2600 Mission Bell Drive, San Pablo, California. The six structures include the Chemical Storage Building, Biological Science Building, Boiler Room Building, Physical Science Building North, Physical Science Building South, and Chiller Unit. The structures are in the northeast section of the campus. Demolition is planned for all six (6) structures.

The Physical Science Building North and Physical Science Building South are attached and known collectively as the Physical Science Building. Both buildings have different entrances and the Physical Science Building North has a later construction date. For the purpose of this survey, we have defined the Physical Science Building as two separate buildings. Both buildings and the Biological Science Building are currently in use as classrooms.

The Boiler Room Building, Chemical Storage Building, and Chiller Unit are currently in use as support services to the Physical Science Building and Biological Science Building. These structures are not accessible to students and the general public.

Scope of Work

During the course of this project, FACS conducted the following scope of work:

1. Identification and sampling of suspect PCB-containing building materials on the structure that would be impacted by the anticipated demolition activities. A list of the materials identified and tested is included in the following section of this report.
2. Designation of waste categories for PCB-containing materials.
3. The types, number, and locations of samples were determined based on available information about the subject project provided to FACS, visual observations, regulatory requirements, Bay Area Stormwater Management Agencies Association (BASMAA)'s Protocol for Evaluating Priority PCBs-Containing Materials before Building Demolition, and other project management considerations.

Data collection methodologies are described in Appendix A. A table summarizing the analytical results and the laboratory analytical reports and chain-of-custody forms are provided in Appendix B.

Findings

FACS identified and sampled the following suspect PCB-containing materials from the six project buildings:

- Roof field tar
- Roof penetration mastic
- Flooring mastic
- Window sealant
- Window gasket
- Window caulking
- Pipe insulation
- Duct insulation
- Wall panel insulation
- Roof membrane
- Expansion joint

Laboratory results reported the black window caulking at the Physical Science Building and the black roof field tar at the Biological Science Building contain PCBs at concentrations greater than 1 mg/kg.

All the other suspect materials were reported as non-detect for PCBs; however, the laboratory reporting limit for the following materials was at or greater than 1 mg/kg:

- Physical Science Building – roof field tar, penetration mastic on roof, flooring mastic, window sealant at skylight, pipe insulation
- Biological Science Building - penetration mastic on roof, flooring mastic, pipe insulation
- Chemical Storage Building – roof membrane
- Chiller Unit – pipe insulation

The above materials are therefore assumed to contain PCBs at concentrations at or greater than 1 mg/kg but less than the reporting limit.

All suspect materials tested had PCB concentrations less than 50 mg/kg. Therefore, all materials meet the definition of Excluded Product per 40 CFR 761 and are not required to be removed prior to demolition per BASMAA requirements.

Please see the summary table and laboratory analytical report in Appendix B of this report for additional details.

Conclusions and Recommendations

1. No Bulk Product wastes as defined by 40 CFR 761 were identified during this survey.
2. Any construction material containing PCBs at concentrations below 1 mg/kg may be disposed of at a landfill permitted to receive and accepting common construction debris.

3. Materials containing PCBs ≥ 1 mg/kg but < 50 mg/kg must be properly packaged, labeled, and disposed of at a landfill permitted to receive waste containing PCBs at concentrations ≥ 1 mg/kg.
4. The contractors performing the PCB-containing materials removal, cleaning, and transportation should perform all work in accordance with applicable Federal, State, and local regulations, including but not limited to those of the California Division of Occupational Safety and Health (Cal/OSHA), the USEPA, and the Department of Transportation (DOT).
5. If requested, FACS can assist with the development of PCB-containing removal specifications for this project. The specifications would detail the PCB-containing materials removal scope of work and include requirements regarding the contractor's worker training and protection, work area preparation and cleanup, and waste disposal.
6. Concealed suspect PCB-containing materials may be revealed during demolition activities. Any such materials should be assumed to be PCB-containing at concentrations ≥ 50 mg/kg unless proven otherwise by appropriate sampling and laboratory analysis. Any assumed or confirmed PCB-containing materials must be addressed in accordance with all applicable Federal, State, and local regulatory requirements.

Limitations

This investigation is limited to the conditions and practices observed and information made available to FACS. The methods, conclusions, and recommendations provided are based on FACS' judgment, experience and the standard of practice for professional service. They are subject to the limitations and variability inherent in the methodology employed. As with all environmental investigations, this investigation is limited to the defined scope and does not purport to set forth all hazards, nor indicate that other hazards do not exist.

Please do not hesitate to contact our office at 510-266-4600 if you have any questions or concerns. Thank you for the opportunity to assist in promoting a more healthful environment.

Respectfully,
Forensic Analytical Consulting Services, Inc.



Wilson Wong
Sr. Project Manager

Reviewed by,
Forensic Analytical Consulting Services, Inc.



David Brinkerhoff, CIH, CIEC
Director, SF Bay Area



Appendix A

FACS Data Collection Methods

Polychlorinated Biphenyls (PCBs). Bulk samples of sufficient quantity were collected using disposable blades/box cutters and placed in glass jars. Disposable blades/box cutters were properly disposed and replaced to avoid cross contamination between samples. Samples were labeled using a unique identification number and transported under chain of custody to an AIHA accredited analytical laboratory (Eurofins Calscience LLC, Garden Grove, California facility). In the laboratory the samples were prepared in accordance with EPA Method 3540C (Soxhlet extraction), as indicated in the laboratory analytical report, and analyzed in accordance with EPA Method 8082A (gas chromatography). Results of PCB concentrations are provided as Aroclors in mg/kg (ppm). All samples were stored and shipped in a cooler with ice packs.

Appendix B

Sample Results Table and Laboratory Analytical Report



Sample Results Summary Table

Sampling results are provided in Table 1 below. Supporting laboratory reports and chain of custody forms are attached in the pages that follow in order of laboratory report number.

Table 1. Summary of Laboratory Analytical Results					
Material	Homogenous Area	Color	Contiguous Substrates	Sample #	Sample Results Total PCBs (mg/kg)
Roof field tar	Physical Science Building, roof field	Black	Wood	PSB-PCB-01	<3.9
				PSB-PCB-02	<3.9
				PSB-PCB-03	<3.9
				PSB-PCB-04	<3.9
				PSB-PCB-05	<4.1
				PSB-PCB-06	<2.7
				PSB-PCB-07	<2.7
Penetration mastic	Physical Science Building, roof, at penetrations	Gray	Metal, roof membrane	PSB-PCB-08	<4.1
				PSB-PCB-09	<4.0
				PSB-PCB-10	<4.1
Roof field tar	Physical Science Building, roof	Gray	Wood	PSB-PCB-11	<3.6
				PSB-PCB-12	<3.6

Table 1. Summary of Laboratory Analytical Results					
Material	Homogenous Area	Color	Contiguous Substrates	Sample #	Sample Results Total PCBs (mg/kg)
Flooring mastic	Physical Science Building, interior floors	Gray, brown	Concrete, vinyl flooring	PSB-PCB-13	<1.1
				PSB-PCB-14	<1.1
				PSB-PCB-15	<1.0
				PSB-PCB-16	<1.0
				PSB-PCB-17	<1.0
				PSB-PCB-18	<1.0
				PSB-PCB-19	<1.7
				PSB-PCB-20	<5.1
				PSB-PCB-21	<1.0
Window sealant	Physical Science Building, roof, at skylight	Gray	Metal, glass	PSB-PCB-22	<4.0
				PSB-PCB-23	<2.2
				PSB-PCB-24	<3.7

Table 1. Summary of Laboratory Analytical Results					
Material	Homogenous Area	Color	Contiguous Substrates	Sample #	Sample Results Total PCBs (mg/kg)
Window gasket	Physical Science Building, at window systems	Black	Metal, glass	PSB-PCB-25	ND
				PSB-PCB-26	ND
				PSB-PCB-27	ND
				PSB-PCB-28	ND
				PSB-PCB-29	ND
				PSB-PCB-30	ND
				PSB-PCB-31	ND
				PSB-PCB-32	ND
				PSB-PCB-33	ND
Window caulking	Physical Science Building, at window systems	Black	Metal, glass	PSB-PCB-34	ND
				PSB-PCB-35	ND
				PSB-PCB-36	ND
				PSB-PCB-37	ND
				PSB-PCB-38	ND
				PSB-PCB-39	ND
				PSB-PCB-40	ND
				PSB-PCB-41	0.64*
				PSB-PCB-42	1.5
Pipe insulation	Physical Science Building, on pipes	Yellow	Metal	PSB-PCB-43	<1.7

Table 1. Summary of Laboratory Analytical Results					
Material	Homogenous Area	Color	Contiguous Substrates	Sample #	Sample Results Total PCBs (mg/kg)
Duct insulation	Physical Science Building, Astrology Room, attic, on ductwork	Yellow	Metal	PSB-PCB-44	ND
Wall panel insulation	Physical Science Building, Astrology Room, on walls	Yellow	Wood	PSB-PCB-45	ND
Flooring mastic	Biological Science Building, interior floors	Gray, brown	Concrete, vinyl flooring	BIO-PCB-46	<1.0
				BIO-PCB-47	ND
				BIO-PCB-48	ND
				BIO-PCB-49	ND
				BIO-PCB-50	ND
				BIO-PCB-51	<1.0
				BIO-PCB-52	ND
				BIO-PCB-53	ND
				BIO-PCB-54	ND

Table 1. Summary of Laboratory Analytical Results					
Material	Homogenous Area	Color	Contiguous Substrates	Sample #	Sample Results Total PCBs (mg/kg)
Roof field tar	Biological Science Building, roof field	Black	Wood	BIO-PCB-55	<3.9
				BIO-PCB-56	ND
				BIO-PCB-57	<1.6
				BIO-PCB-58	1.0*
				BIO-PCB-59	1.4*
				BIO-PCB-60	<3.9
				BIO-PCB-61	<1.9
				BIO-PCB-62	<1.6
				BIO-PCB-63	<1.7
Penetration mastic	Biological Science Building, roof, at penetrations	Gray	Metal, roof membrane	BIO-PCB-64	<3.5
				BIO-PCB-65	<3.6
				BIO-PCB-66	ND
Duct mastic	Biological Science Building, roof, on ductwork	Gray	Metal	BIO-PCB-67	ND
				BIO-PCB-68	ND
				BIO-PCB-69	ND
Window sealant	Biological Science Building, on window systems	Gray	Metal, brick	BIO-PCB-70	ND
				BIO-PCB-71	ND
				BIO-PCB-72	ND

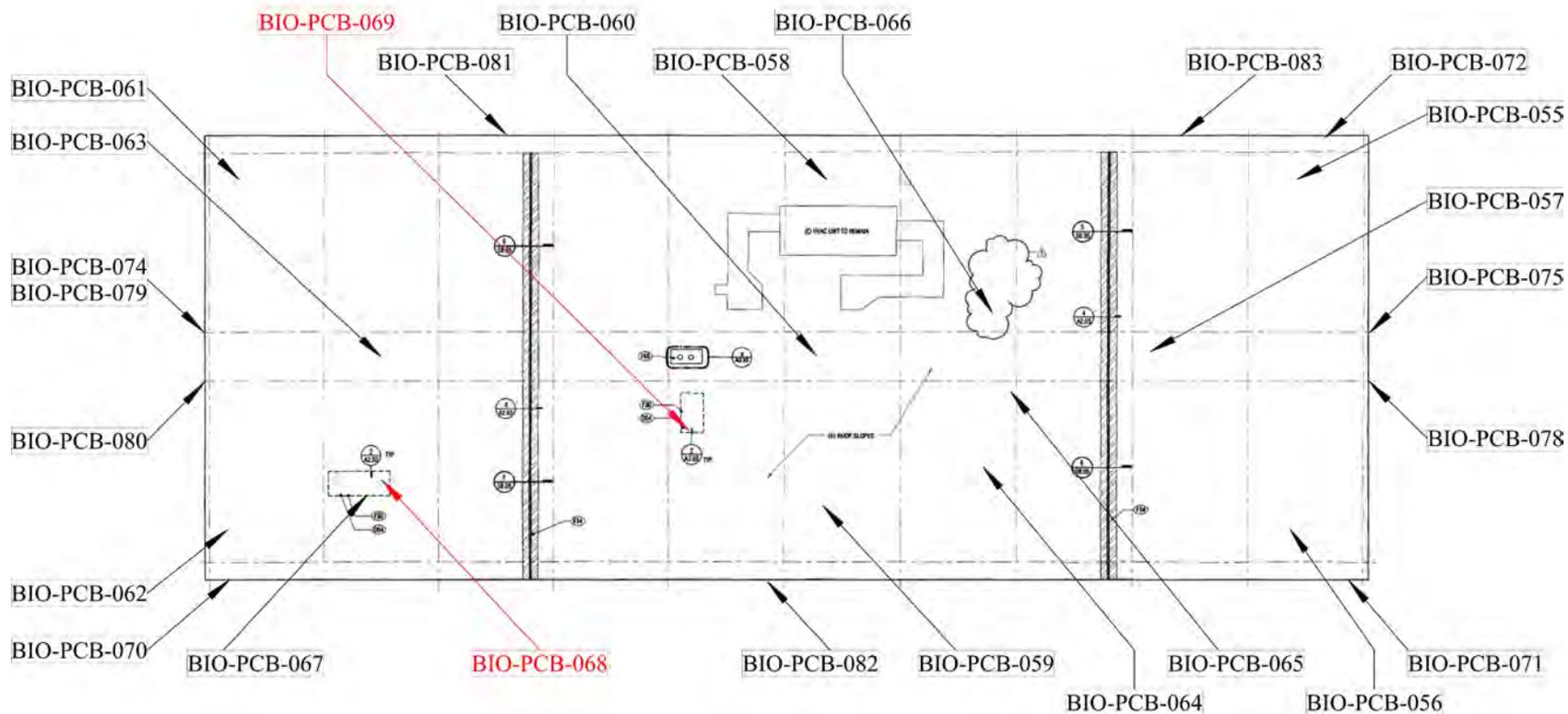
Table 1. Summary of Laboratory Analytical Results					
Material	Homogenous Area	Color	Contiguous Substrates	Sample #	Sample Results Total PCBs (mg/kg)
Window gasket	Biological Science Building, on window systems	Black	Metal, glass	BIO-PCB-73	ND
				BIO-PCB-74	ND
				BIO-PCB-75	ND
Pipe insulation	Biological Science Building, on pipes	Yellow	Metal	BIO-PCB-76	<1.0
Duct insulation	Biological Science Building, ceiling spaces, on ductwork	Yellow	Metal	BIO-PCB-77	ND
Window gasket	Biological Science Building, entry window system	Black	Metal, glass	BIO-PCB-78	ND
				BIO-PCB-79	ND
				BIO-PCB-80	ND
Window caulking	Biological Science Building, on window systems	Gray	Metal, glass	BIO-PCB-81	ND
				BIO-PCB-82	ND
				BIO-PCB-83	ND
Roof membrane	Boiler Room Building, roof field	Gray, black, yellow	Wood	BR-PCB-01	ND
				BR-PCB-02	ND
				BR-PCB-03	ND
				BR-PCB-04	ND
Roof membrane	Chemical Storage Building, roof field	Gray, black	Concrete	CS-PCB-01	<1.9
				CS-PCB-02	<1.8
				CS-PCB-03	<3.7

Table 1. Summary of Laboratory Analytical Results

Material	Homogenous Area	Color	Contiguous Substrates	Sample #	Sample Results Total PCBs (mg/kg)
Expansion joint	Chiller Enclosure - exterior	Gray	Concrete	Chill-PCB-01	ND
				Chill-PCB-02	ND
				Chill-PCB-03	ND
Pipe insulation	Chiller Enclosure – pipes inside enclosure	Pink, yellow	Metal	Chill- PCB-04	<2.0
				Chill-PCB-05	<1.5

ND = PCBs not detected above 1 mg/kg
 * = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value
 < = Result is less than the reporting limit but the reporting limit is greater than 1 mg/kg.
 mg/kg = milligrams per kilogram





Biological Science Building – Exterior

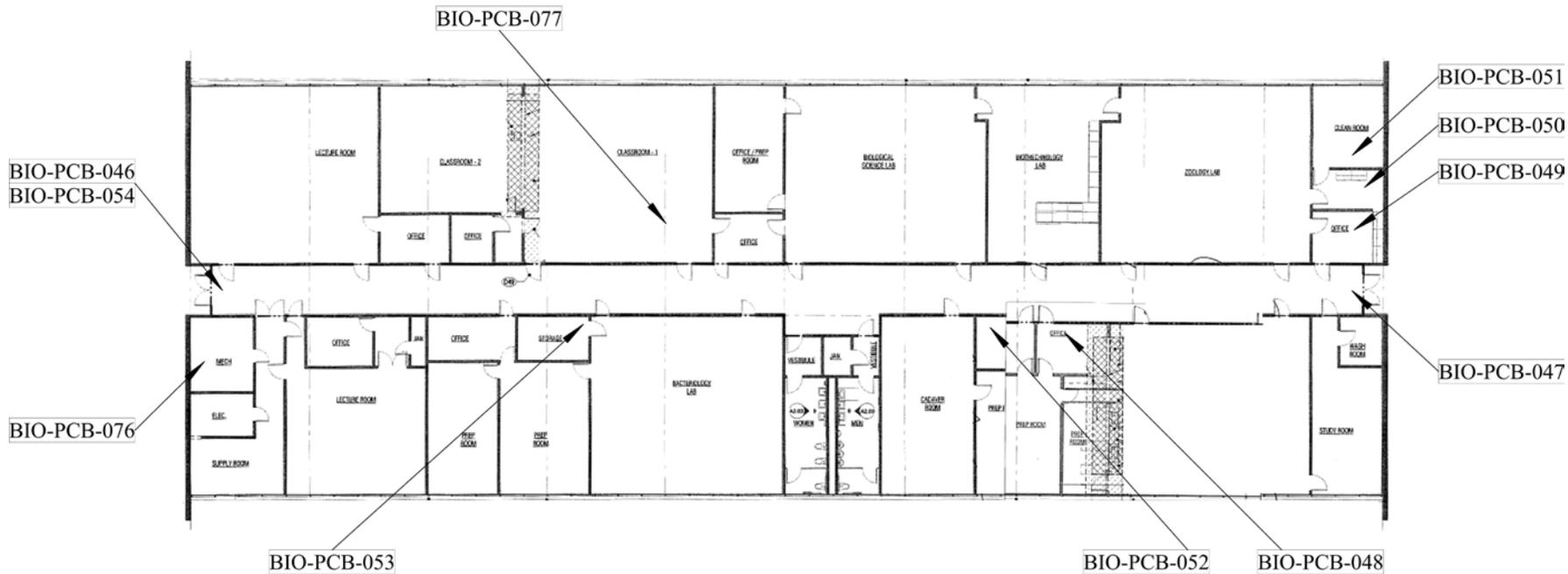
SAMPLE LOCATION MAP

Contra Costa College New Science Building Project
 2600 Mission Bell Drive
 San Pablo, CA 94806
 FACS # PJ63338, June 24-25 and July 1-2, 2021

LEGEND

PCB Lab Reporting Limit > 50ppm: **BIO-PCB- 068, 069**





Biological Science Building

SAMPLE LOCATION MAP

Contra Costa College New Science Building Project
 2600 Mission Bell Drive
 San Pablo, CA 94806
 FACS # PJ63338, June 24-25 and July 1-2, 2021

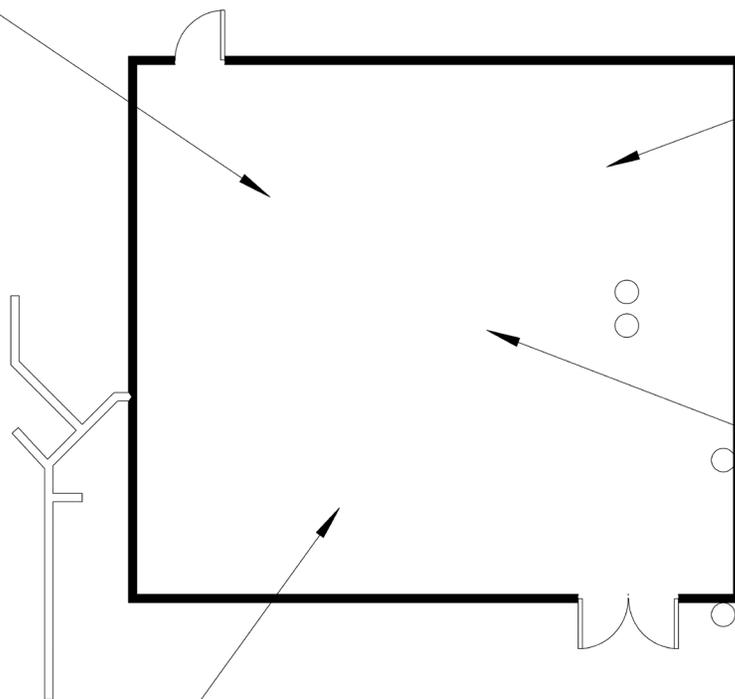
LEGEND

PCB Lab Reporting Limit > 50ppm: N/A



BR-PCB-03

BR-PCB-04



BR-PCB-02

BR-PCB-01

Boiler Room

SAMPLE LOCATION DRAWING

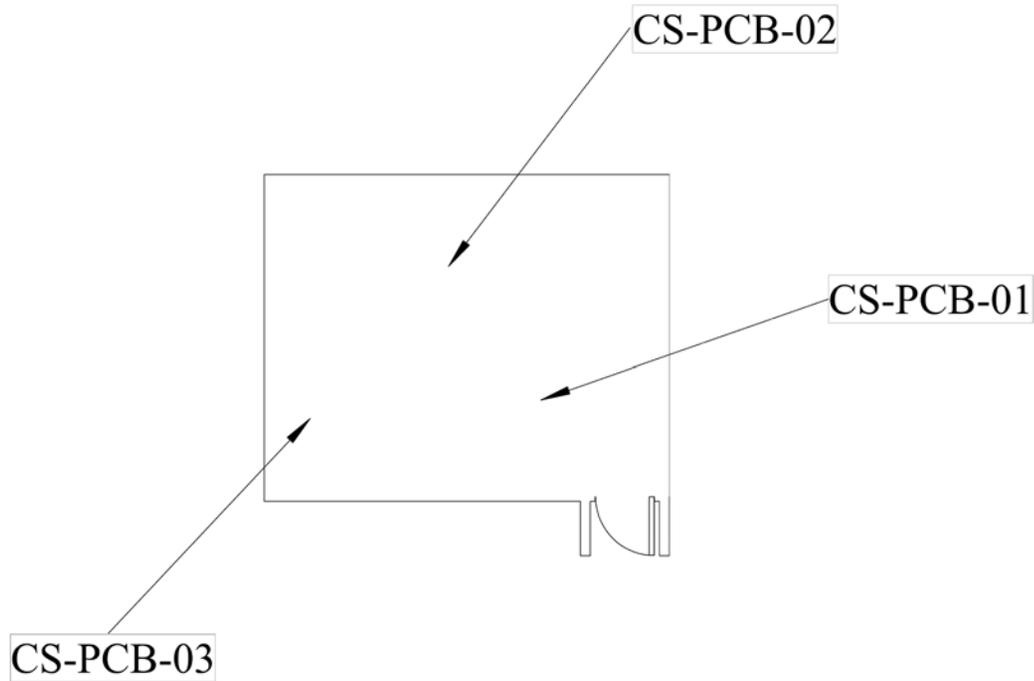
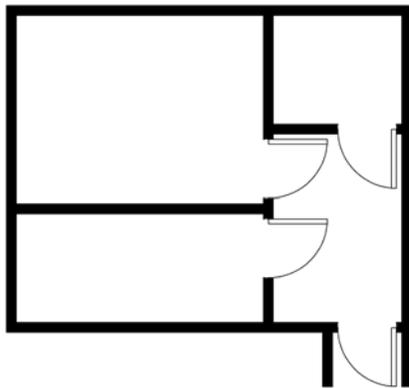
Contra Costa College New Science Building
Project
2600 Mission Bell Drive
San Pablo, CA 94806
FACS # PJ63338, June 24-25 and July 1-2, 2021

LEGEND

PCB Lab Reporting Limit > 50ppm: N/A

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Chemical Storage

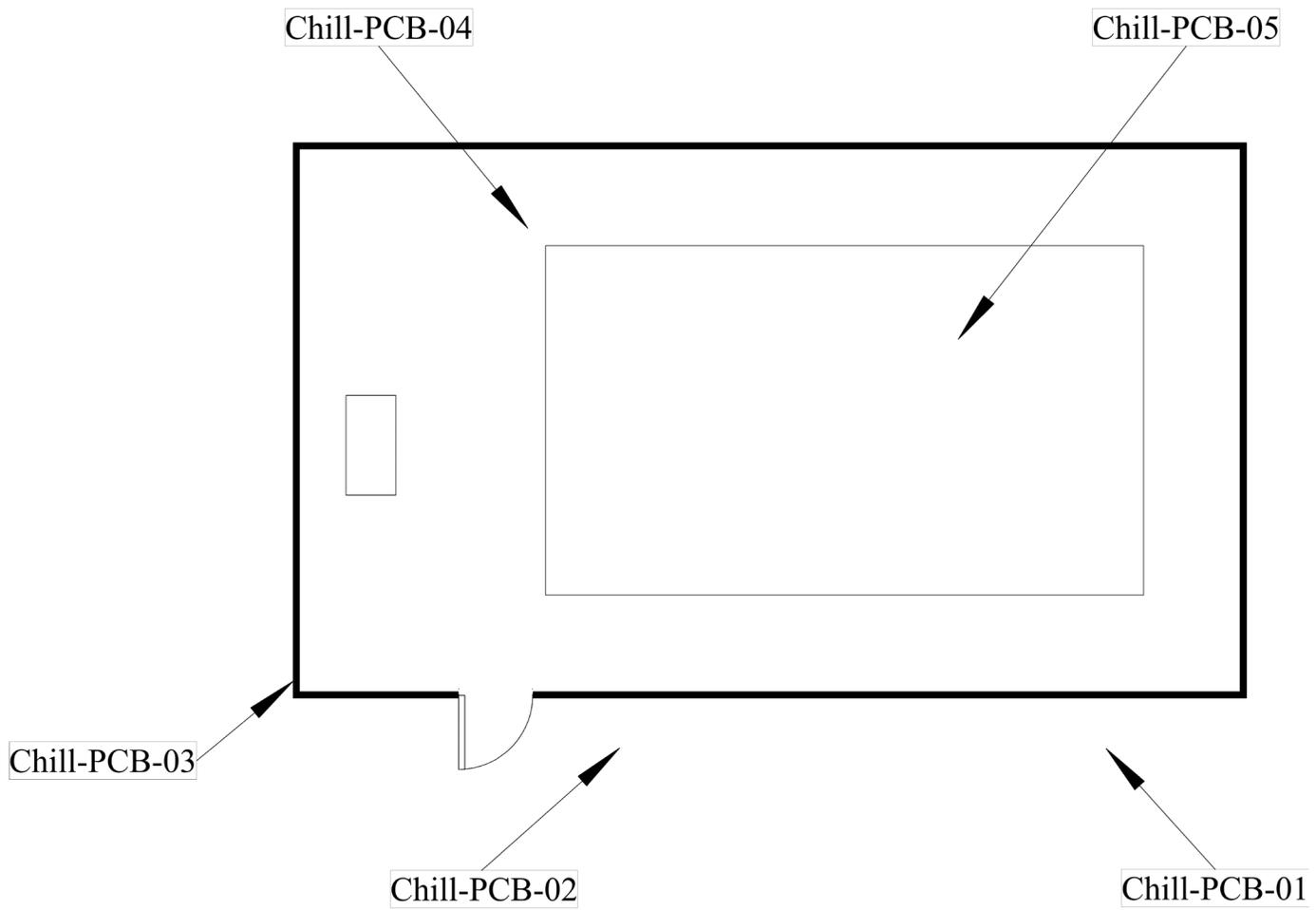
SAMPLE LOCATION DRAWING

Contra Costa College New Science Building
Project
2600 Mission Bell Drive
San Pablo, CA 94806
FACS # PJ63338, June 24-25 and July 1-2, 2021

LEGEND

PCB Lab Reporting Limit > 50ppm: N/A





Chiller

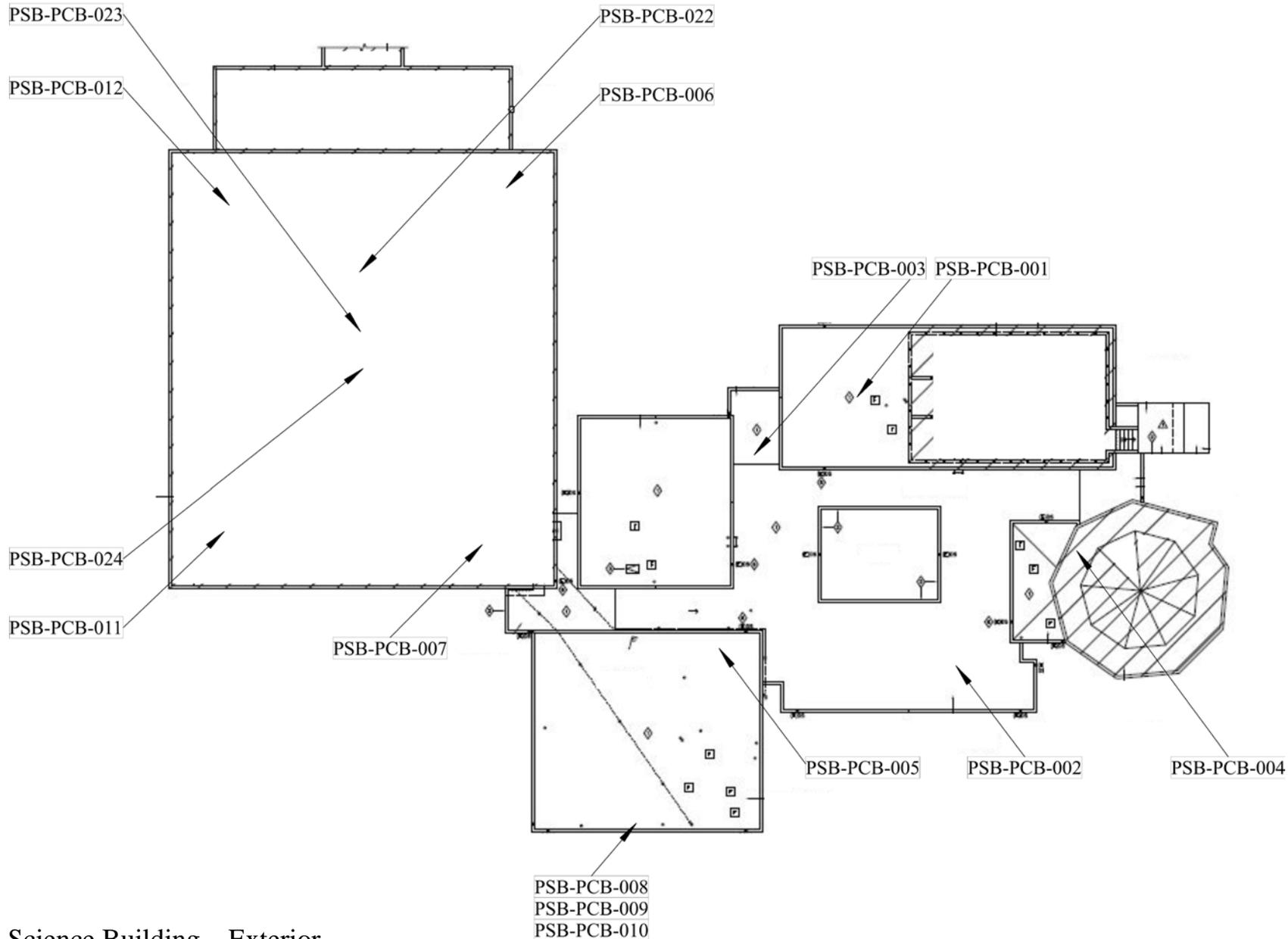
SAMPLE LOCATION DRAWING

Contra Costa College New Science Building
 Project
 2600 Mission Bell Drive
 San Pablo, CA 94806
 FACS # PJ63338, June 24-25 and July 1-2, 2021

LEGEND

PCB Lab Reporting Limit > 50ppm: N/A





Physical Science Building – Exterior

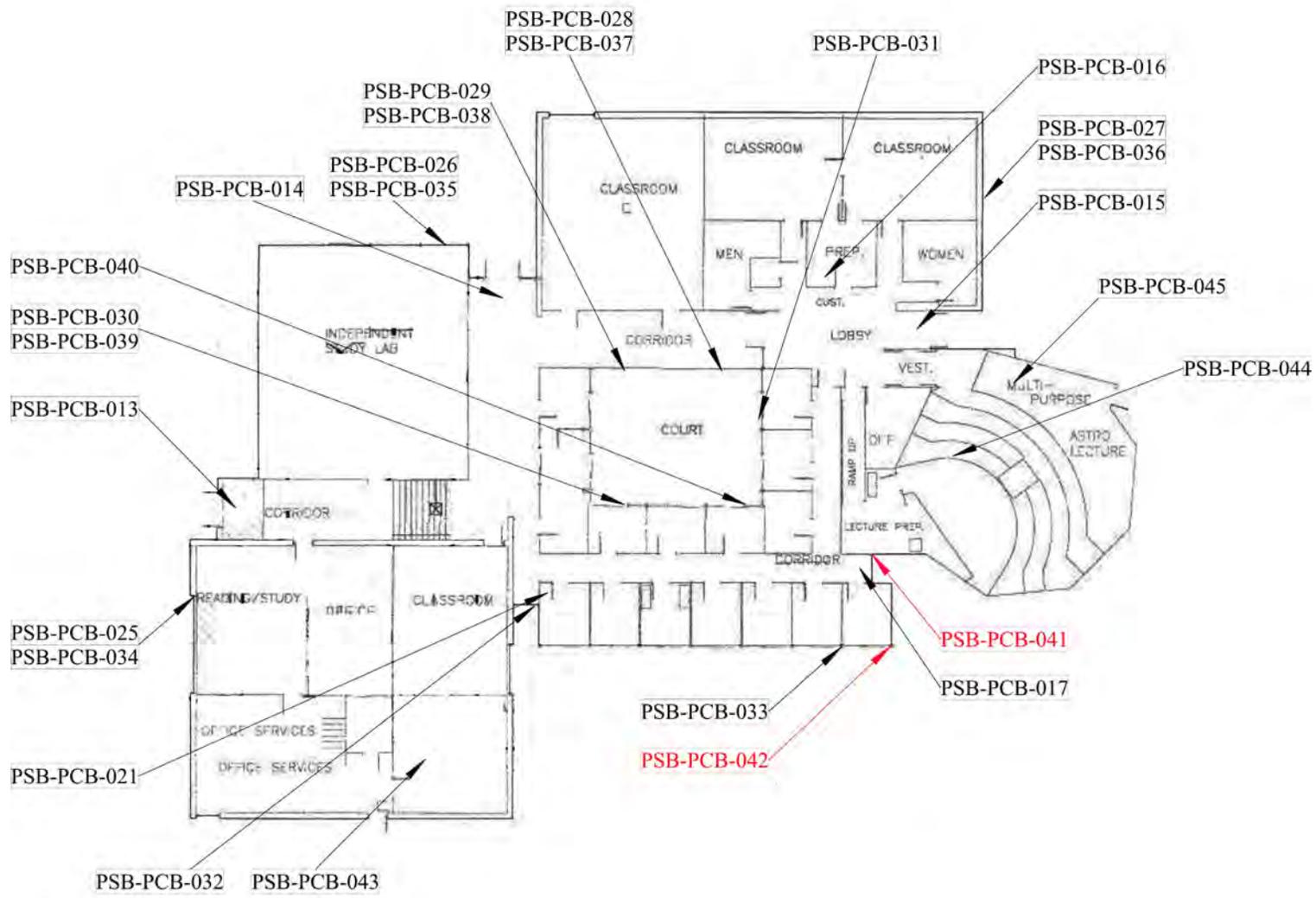
SAMPLE LOCATION MAP

Contra Costa College New Science Building
 Project
 2600 Mission Bell Drive
 San Pablo, CA 94806
 FACS # PJ63338, June 24-25 and July 1-2, 2021

LEGEND

PCB Lab Reporting Limit > 50ppm: N/A





Physical Science Building – North Area

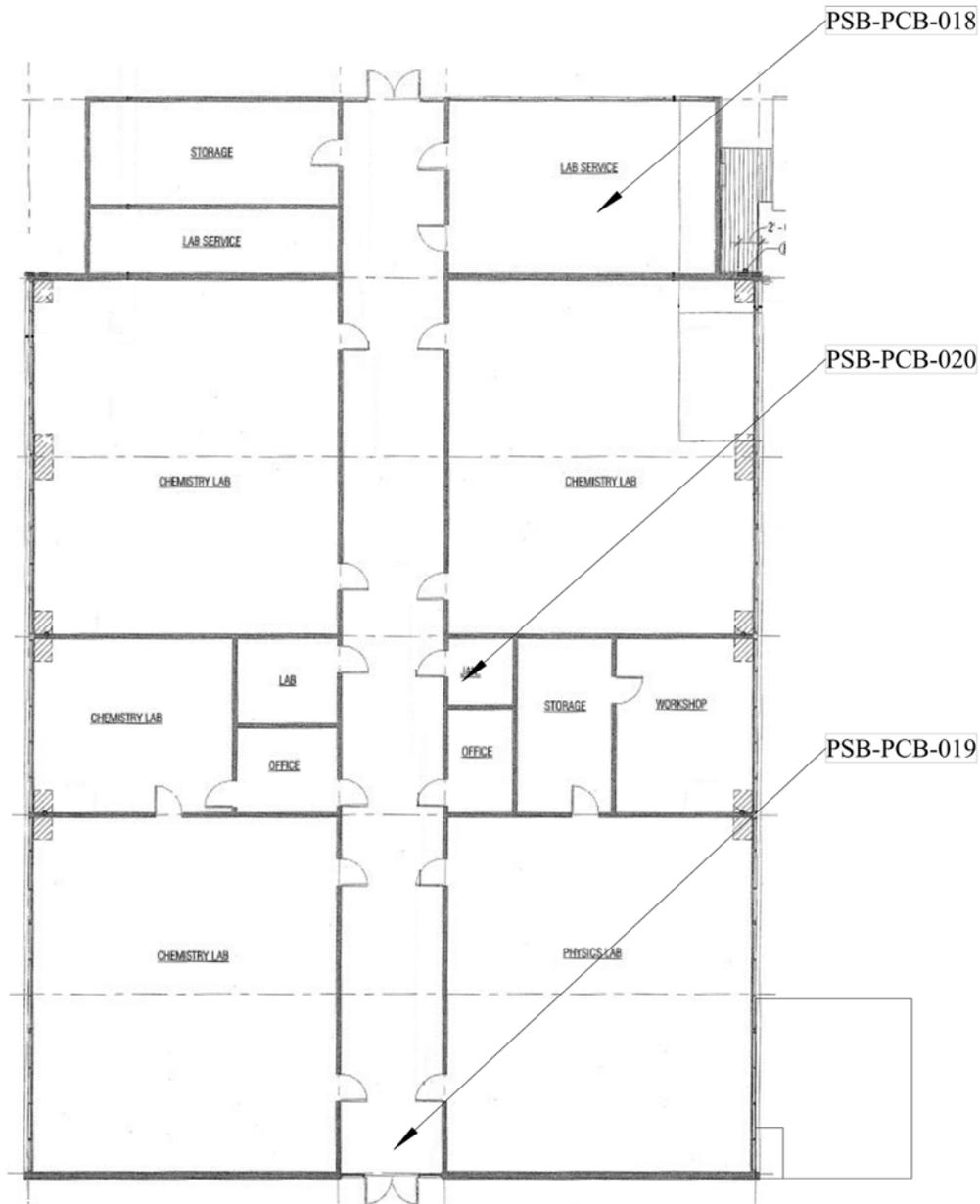
SAMPLE LOCATION MAP

Contra Costa College New Science Building Project
 2600 Mission Bell Drive
 San Pablo, CA 94806
 FACS # PJ63338, June 24-25 and July 1-2, 2021

LEGEND

PCB Lab Reporting Limit > 50ppm: **PSB-PCB- 041, 042**





Physical Science Building – South Area

SAMPLE LOCATION MAP

Contra Costa College New Science Building
 Project
 2600 Mission Bell Drive
 San Pablo, CA 94806
 FACS # PJ63338, June 24-25 and July 1-2, 2021

LEGEND

PCB Lab Reporting Limit > 50ppm: N/A



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62836-1
Client Project/Site: PJ63338

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Gary Lowe



*Authorized for release by:
7/1/2021 2:05:14 PM*

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Job ID: 570-62836-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative 570-62836-1

Comments

No additional comments.

Receipt

The samples were received on 6/25/2021 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5° C.

Receipt Exceptions

Pursuant to a client directive / request via email, results were reported in dry weight units.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: PSB-PCB-001 (570-62836-1), PSB-PCB-002 (570-62836-2), PSB-PCB-003 (570-62836-3), PSB-PCB-004 (570-62836-4), PSB-PCB-005 (570-62836-5), PSB-PCB-008 (570-62836-6), PSB-PCB-009 (570-62836-7), PSB-PCB-010 (570-62836-8), PSB-PCB-013 (570-62836-9), PSB-PCB-014 (570-62836-10), PSB-PCB-015 (570-62836-11), PSB-PCB-016 (570-62836-12), PSB-PCB-017 (570-62836-13), PSB-PCB-018 (570-62836-14), PSB-PCB-019 (570-62836-15), PSB-PCB-020 (570-62836-16), PSB-PCB-021 (570-62836-17), (570-62836-A-9 MS) and (570-62836-A-9 MSD). The reporting limits (RLs) have been adjusted proportionately. The following sample(s) is dirty, the initial amount weighed was changed from 20.0g to 1.0g.

Method 3540C: Due to the matrix, the following samples could not be concentrated to the final method required volume: PSB-PCB-001 (570-62836-1), PSB-PCB-002 (570-62836-2), PSB-PCB-003 (570-62836-3), PSB-PCB-004 (570-62836-4), PSB-PCB-005 (570-62836-5), PSB-PCB-008 (570-62836-6), PSB-PCB-009 (570-62836-7) and PSB-PCB-010 (570-62836-8). The reporting limits (RLs) are elevated proportionately. The final volume was changed to 40mL from 10mL. The sample is dirty.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-001

Date Collected: 06/24/21 07:39

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-1

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1221	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1232	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1242	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1248	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1254	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1260	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1262	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Aroclor-1268	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	47		20 - 155				06/28/21 09:58	06/30/21 13:24	1
Tetrachloro-m-xylene (Surr)	81		25 - 126				06/28/21 09:58	06/30/21 13:24	1

Client Sample ID: PSB-PCB-002

Date Collected: 06/24/21 07:44

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-2

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1221	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1232	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1242	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1248	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1254	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1260	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1262	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Aroclor-1268	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	56		20 - 155				06/28/21 09:58	06/30/21 13:43	1
Tetrachloro-m-xylene (Surr)	102		25 - 126				06/28/21 09:58	06/30/21 13:43	1

Client Sample ID: PSB-PCB-003

Date Collected: 06/24/21 07:49

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-3

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1221	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1232	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1242	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1248	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1254	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1260	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1262	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Aroclor-1268	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	52		20 - 155				06/28/21 09:58	06/30/21 14:01	1
Tetrachloro-m-xylene (Surr)	97		25 - 126				06/28/21 09:58	06/30/21 14:01	1

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Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-004
Date Collected: 06/24/21 07:53
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-4
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1221	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1232	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1242	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1248	ND		3.9	1.9	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1254	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1260	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1262	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Aroclor-1268	ND		3.9	2.1	mg/Kg	✱	06/28/21 09:58	06/30/21 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	70		20 - 155				06/28/21 09:58	06/30/21 14:19	1
Tetrachloro-m-xylene (Surr)	94		25 - 126				06/28/21 09:58	06/30/21 14:19	1

Client Sample ID: PSB-PCB-005
Date Collected: 06/24/21 07:58
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-5
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1221	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1232	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1242	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1248	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1254	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1260	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1262	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Aroclor-1268	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	56		20 - 155				06/28/21 09:58	06/30/21 14:37	1
Tetrachloro-m-xylene (Surr)	99		25 - 126				06/28/21 09:58	06/30/21 14:37	1

Client Sample ID: PSB-PCB-008
Date Collected: 06/24/21 08:13
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-6
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1221	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1232	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1242	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1248	ND		4.1	2.0	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1254	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1260	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1262	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Aroclor-1268	ND		4.1	2.2	mg/Kg	✱	06/28/21 09:58	06/30/21 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		20 - 155				06/28/21 09:58	06/30/21 14:56	1
Tetrachloro-m-xylene (Surr)	96		25 - 126				06/28/21 09:58	06/30/21 14:56	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-009

Date Collected: 06/24/21 08:17

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-7

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4.0	1.9	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1221	ND		4.0	1.9	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1232	ND		4.0	1.9	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1242	ND		4.0	1.9	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1248	ND		4.0	1.9	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1254	ND		4.0	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1260	ND		4.0	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1262	ND		4.0	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Aroclor-1268	ND		4.0	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	46		20 - 155				06/28/21 09:58	06/30/21 15:14	1
Tetrachloro-m-xylene (Surr)	97		25 - 126				06/28/21 09:58	06/30/21 15:14	1

Client Sample ID: PSB-PCB-010

Date Collected: 06/24/21 08:12

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-8

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4.1	2.0	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1221	ND		4.1	2.0	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1232	ND		4.1	2.0	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1242	ND		4.1	2.0	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1248	ND		4.1	2.0	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1254	ND		4.1	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1260	ND		4.1	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1262	ND		4.1	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Aroclor-1268	ND		4.1	2.2	mg/Kg	✳	06/28/21 09:58	06/30/21 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	36		20 - 155				06/28/21 09:58	06/30/21 15:40	1
Tetrachloro-m-xylene (Surr)	85		25 - 126				06/28/21 09:58	06/30/21 15:40	1

Client Sample ID: PSB-PCB-013

Date Collected: 06/24/21 08:51

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-9

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.1	0.52	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1221	ND		1.1	0.52	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1232	ND		1.1	0.52	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1242	ND		1.1	0.52	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1248	ND		1.1	0.52	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1254	ND		1.1	0.58	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1260	ND		1.1	0.58	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1262	ND		1.1	0.58	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Aroclor-1268	ND		1.1	0.58	mg/Kg	✳	06/28/21 09:58	06/30/21 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	54		20 - 155				06/28/21 09:58	06/30/21 15:58	1
Tetrachloro-m-xylene (Surr)	100		25 - 126				06/28/21 09:58	06/30/21 15:58	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-014

Date Collected: 06/24/21 08:59

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-10

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.1	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1221	ND		1.1	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1232	ND		1.1	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1242	ND		1.1	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1248	ND		1.1	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1254	ND		1.1	0.61	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1260	ND		1.1	0.61	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1262	ND		1.1	0.61	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Aroclor-1268	ND		1.1	0.61	mg/Kg	✳	06/28/21 09:58	06/30/21 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	39		20 - 155				06/28/21 09:58	06/30/21 16:17	1
Tetrachloro-m-xylene (Surr)	88		25 - 126				06/28/21 09:58	06/30/21 16:17	1

Client Sample ID: PSB-PCB-015

Date Collected: 06/24/21 09:06

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-11

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1221	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1232	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1242	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1248	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1254	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1260	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1262	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Aroclor-1268	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	25		20 - 155				06/28/21 09:58	06/30/21 16:35	1
Tetrachloro-m-xylene (Surr)	55		25 - 126				06/28/21 09:58	06/30/21 16:35	1

Client Sample ID: PSB-PCB-016

Date Collected: 06/24/21 09:40

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-12

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.51	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1221	ND		1.0	0.51	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1232	ND		1.0	0.51	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1242	ND		1.0	0.51	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1248	ND		1.0	0.51	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1254	ND		1.0	0.57	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1260	ND		1.0	0.57	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1262	ND		1.0	0.57	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Aroclor-1268	ND		1.0	0.57	mg/Kg	✳	06/28/21 09:58	06/30/21 16:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	91		20 - 155				06/28/21 09:58	06/30/21 16:07	1
Tetrachloro-m-xylene (Surr)	99		25 - 126				06/28/21 09:58	06/30/21 16:07	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-017

Date Collected: 06/24/21 09:45

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-13

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.49	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1221	ND		1.0	0.49	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1232	ND		1.0	0.49	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1242	ND		1.0	0.49	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1248	ND		1.0	0.49	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1254	ND		1.0	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1260	ND		1.0	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1262	ND		1.0	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Aroclor-1268	ND		1.0	0.55	mg/Kg	✳	06/28/21 09:58	06/30/21 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	106		20 - 155				06/28/21 09:58	06/30/21 16:25	1
Tetrachloro-m-xylene (Surr)	100		25 - 126				06/28/21 09:58	06/30/21 16:25	1

Client Sample ID: PSB-PCB-018

Date Collected: 06/24/21 09:50

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-14

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1221	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1232	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1242	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1248	ND		1.0	0.50	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1254	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1260	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1262	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Aroclor-1268	ND		1.0	0.56	mg/Kg	✳	06/28/21 09:58	06/30/21 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	104		20 - 155				06/28/21 09:58	06/30/21 16:43	1
Tetrachloro-m-xylene (Surr)	97		25 - 126				06/28/21 09:58	06/30/21 16:43	1

Client Sample ID: PSB-PCB-019

Date Collected: 06/24/21 09:55

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-15

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.7	0.84	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1221	ND		1.7	0.84	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1232	ND		1.7	0.84	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1242	ND		1.7	0.84	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1248	ND		1.7	0.84	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1254	ND		1.7	0.95	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1260	ND		1.7	0.95	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1262	ND		1.7	0.95	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Aroclor-1268	ND		1.7	0.95	mg/Kg	✳	06/28/21 09:58	06/30/21 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	85		20 - 155				06/28/21 09:58	06/30/21 17:01	1
Tetrachloro-m-xylene (Surr)	86		25 - 126				06/28/21 09:58	06/30/21 17:01	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-020

Date Collected: 06/24/21 10:15

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-16

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		5.1	2.5	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1221	ND		5.1	2.5	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1232	ND		5.1	2.5	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1242	ND		5.1	2.5	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1248	ND		5.1	2.5	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1254	ND		5.1	2.8	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1260	ND		5.1	2.8	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1262	ND		5.1	2.8	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Aroclor-1268	ND		5.1	2.8	mg/Kg	✧	06/28/21 09:58	06/30/21 17:37	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 155				06/28/21 09:58	06/30/21 17:37	5
Tetrachloro-m-xylene (Surr)	83		25 - 126				06/28/21 09:58	06/30/21 17:37	5

Client Sample ID: PSB-PCB-021

Date Collected: 06/24/21 10:20

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-17

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.51	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1221	ND		1.0	0.51	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1232	ND		1.0	0.51	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1242	ND		1.0	0.51	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1248	ND		1.0	0.51	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1254	ND		1.0	0.57	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1260	ND		1.0	0.57	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1262	ND		1.0	0.57	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Aroclor-1268	ND		1.0	0.57	mg/Kg	✧	06/28/21 09:58	06/30/21 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	106		20 - 155				06/28/21 09:58	06/30/21 17:19	1
Tetrachloro-m-xylene (Surr)	95		25 - 126				06/28/21 09:58	06/30/21 17:19	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

General Chemistry

Client Sample ID: PSB-PCB-001

Date Collected: 06/24/21 07:39

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-1

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.2		0.1	0.1	%			06/28/21 07:17	1
Percent Solids	99.8		0.1	0.1	%			06/28/21 07:17	1

Client Sample ID: PSB-PCB-002

Date Collected: 06/24/21 07:44

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-2

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.1		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	99.9		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-003

Date Collected: 06/24/21 07:49

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-3

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.3		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	99.7		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-004

Date Collected: 06/24/21 07:53

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-4

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.2		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	99.8		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-005

Date Collected: 06/24/21 07:58

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-5

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.2		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	97.8		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-008

Date Collected: 06/24/21 08:13

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-6

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.2		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	96.8		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-009

Date Collected: 06/24/21 08:17

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-7

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.2		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	97.8		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-010

Date Collected: 06/24/21 08:12

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-8

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.1		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	96.9		0.1	0.1	%			06/28/21 14:24	1

Eurofins Calscience LLC

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

General Chemistry

Client Sample ID: PSB-PCB-013
Date Collected: 06/24/21 08:51
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-9
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.8		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	94.2		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-014
Date Collected: 06/24/21 08:59
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-10
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13.2		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	86.8		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-015
Date Collected: 06/24/21 09:06
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-11
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.0		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	95.0		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-016
Date Collected: 06/24/21 09:40
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-12
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.2		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	95.8		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-017
Date Collected: 06/24/21 09:45
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-13
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.8		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	95.2		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-018
Date Collected: 06/24/21 09:50
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-14
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.3		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	95.7		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-019
Date Collected: 06/24/21 09:55
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-15
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	43.7		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	56.3		0.1	0.1	%			06/28/21 14:24	1

Client Sample ID: PSB-PCB-020
Date Collected: 06/24/21 10:15
Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-16
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.3		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	93.7		0.1	0.1	%			06/28/21 14:24	1

Eurofins Calscience LLC

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

General Chemistry

Client Sample ID: PSB-PCB-021

Date Collected: 06/24/21 10:20

Date Received: 06/25/21 12:00

Lab Sample ID: 570-62836-17

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.6		0.1	0.1	%			06/28/21 14:24	1
Percent Solids	94.4		0.1	0.1	%			06/28/21 14:24	1

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Surrogate Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Other Solid Sample

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (20-155)	TCX1 (25-126)
570-62836-1	PSB-PCB-001	47	81
570-62836-2	PSB-PCB-002	56	102
570-62836-3	PSB-PCB-003	52	97
570-62836-4	PSB-PCB-004	70	94
570-62836-5	PSB-PCB-005	56	99
570-62836-6	PSB-PCB-008	48	96
570-62836-7	PSB-PCB-009	46	97
570-62836-8	PSB-PCB-010	36	85
570-62836-9	PSB-PCB-013	54	100
570-62836-9 MS	PSB-PCB-013	70	95
570-62836-9 MSD	PSB-PCB-013	61	91
570-62836-10	PSB-PCB-014	39	88
570-62836-11	PSB-PCB-015	25	55
570-62836-12	PSB-PCB-016	91	99
570-62836-13	PSB-PCB-017	106	100
570-62836-14	PSB-PCB-018	104	97
570-62836-15	PSB-PCB-019	85	86
570-62836-16	PSB-PCB-020	93	83
570-62836-17	PSB-PCB-021	106	95

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (20-155)	TCX1 (25-126)
LCS 570-160231/2-A	Lab Control Sample	94	109
LCSD 570-160231/3-A	Lab Control Sample Dup	92	103
MB 570-160231/1-A	Method Blank	96	110

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-160231/1-A
Matrix: Solid
Analysis Batch: 160873

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 160231

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		06/28/21 09:58	06/30/21 11:53	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		06/28/21 09:58	06/30/21 11:53	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	96		20 - 155	06/28/21 09:58	06/30/21 11:53	1
Tetrachloro-m-xylene (Surr)	110		25 - 126	06/28/21 09:58	06/30/21 11:53	1

Lab Sample ID: LCS 570-160231/2-A
Matrix: Solid
Analysis Batch: 160873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 160231

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Aroclor-1016	0.100	0.1261		mg/Kg		126	50 - 142
Aroclor-1260	0.100	0.1058		mg/Kg		106	50 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	94		20 - 155
Tetrachloro-m-xylene (Surr)	109		25 - 126

Lab Sample ID: LCSD 570-160231/3-A
Matrix: Solid
Analysis Batch: 160873

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 160231

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.1271		mg/Kg		127	50 - 142	1	30
Aroclor-1260	0.100	0.1052		mg/Kg		105	50 - 150	1	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	92		20 - 155
Tetrachloro-m-xylene (Surr)	103		25 - 126

Lab Sample ID: 570-62836-9 MS
Matrix: Other Solid Sample
Analysis Batch: 160873

Client Sample ID: PSB-PCB-013
Prep Type: Total/NA
Prep Batch: 160231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	Limits
				Result	Qualifier				
Aroclor-1016	ND		2.10	2.420		mg/Kg	☼	115	20 - 175
Aroclor-1260	ND		2.10	3.057		mg/Kg	☼	145	20 - 180

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-62836-9 MS
Matrix: Other Solid Sample
Analysis Batch: 160873

Client Sample ID: PSB-PCB-013
Prep Type: Total/NA
Prep Batch: 160231

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	70		20 - 155
Tetrachloro-m-xylene (Surr)	95		25 - 126

Lab Sample ID: 570-62836-9 MSD
Matrix: Other Solid Sample
Analysis Batch: 160873

Client Sample ID: PSB-PCB-013
Prep Type: Total/NA
Prep Batch: 160231

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
Aroclor-1016	ND		2.12	2.286		mg/Kg	⊛	108	20 - 175	6	40	
Aroclor-1260	ND		2.12	2.660		mg/Kg	⊛	125	20 - 180	14	40	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	61		20 - 155
Tetrachloro-m-xylene (Surr)	91		25 - 126

Method: Moisture - Percent Moisture

Lab Sample ID: 570-62836-8 DU
Matrix: Other Solid Sample
Analysis Batch: 160147

Client Sample ID: PSB-PCB-010
Prep Type: Total/NA

Analyte	Sample	Sample	DU DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Percent Moisture	3.1		3.2		%		3	10
Percent Solids	96.9		96.8		%		0.09	10

Lab Chronicle

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Client Sample ID: PSB-PCB-001

Lab Sample ID: 570-62836-1

Date Collected: 06/24/21 07:39

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.04 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 13:24	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 07:17	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-002

Lab Sample ID: 570-62836-2

Date Collected: 06/24/21 07:44

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.03 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 13:43	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-003

Lab Sample ID: 570-62836-3

Date Collected: 06/24/21 07:49

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.02 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 14:01	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-004

Lab Sample ID: 570-62836-4

Date Collected: 06/24/21 07:53

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.04 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 14:19	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Lab Chronicle

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Client Sample ID: PSB-PCB-005

Lab Sample ID: 570-62836-5

Date Collected: 06/24/21 07:58

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.00 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 14:37	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-008

Lab Sample ID: 570-62836-6

Date Collected: 06/24/21 08:13

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.02 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 14:56	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-009

Lab Sample ID: 570-62836-7

Date Collected: 06/24/21 08:17

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.02 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 15:14	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-010

Lab Sample ID: 570-62836-8

Date Collected: 06/24/21 08:12

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.00 g	40 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 15:40	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Lab Chronicle

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Client Sample ID: PSB-PCB-013

Lab Sample ID: 570-62836-9

Date Collected: 06/24/21 08:51

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.00 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 15:58	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-014

Lab Sample ID: 570-62836-10

Date Collected: 06/24/21 08:59

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.02 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 16:17	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-015

Lab Sample ID: 570-62836-11

Date Collected: 06/24/21 09:06

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.03 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160873	06/30/21 16:35	UHHN	ECL 1
Instrument ID: GC66										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-016

Lab Sample ID: 570-62836-12

Date Collected: 06/24/21 09:40

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.00 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160702	06/30/21 16:07	UHHN	ECL 1
Instrument ID: GC58										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Lab Chronicle

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62836-1

Client Sample ID: PSB-PCB-017

Lab Sample ID: 570-62836-13

Date Collected: 06/24/21 09:45

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.03 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160702	06/30/21 16:25	UHHN	ECL 1
Instrument ID: GC58										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-018

Lab Sample ID: 570-62836-14

Date Collected: 06/24/21 09:50

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.01 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160702	06/30/21 16:43	UHHN	ECL 1
Instrument ID: GC58										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-019

Lab Sample ID: 570-62836-15

Date Collected: 06/24/21 09:55

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.02 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160702	06/30/21 17:01	UHHN	ECL 1
Instrument ID: GC58										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Client Sample ID: PSB-PCB-020

Lab Sample ID: 570-62836-16

Date Collected: 06/24/21 10:15

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.04 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		5			160702	06/30/21 17:37	UHHN	ECL 1
Instrument ID: GC58										
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
Instrument ID: BAL87										

Lab Chronicle

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Client Sample ID: PSB-PCB-021

Lab Sample ID: 570-62836-17

Date Collected: 06/24/21 10:20

Matrix: Other Solid Sample

Date Received: 06/25/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.01 g	10 mL	160231	06/28/21 09:58	UWEZ	ECL 1
Total/NA	Analysis	8082		1			160702	06/30/21 17:19	UHHN	ECL 1
		Instrument ID: GC58								
Total/NA	Analysis	Moisture		1			160147	06/28/21 14:24	ULIN	ECL 1
		Instrument ID: BAL87								

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Other Solid Sample	Percent Moisture
Moisture		Other Solid Sample	Percent Solids



Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62836-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-62836-1	PSB-PCB-001	Other Solid Sample	06/24/21 07:39	06/25/21 12:00	
570-62836-2	PSB-PCB-002	Other Solid Sample	06/24/21 07:44	06/25/21 12:00	
570-62836-3	PSB-PCB-003	Other Solid Sample	06/24/21 07:49	06/25/21 12:00	
570-62836-4	PSB-PCB-004	Other Solid Sample	06/24/21 07:53	06/25/21 12:00	
570-62836-5	PSB-PCB-005	Other Solid Sample	06/24/21 07:58	06/25/21 12:00	
570-62836-6	PSB-PCB-008	Other Solid Sample	06/24/21 08:13	06/25/21 12:00	
570-62836-7	PSB-PCB-009	Other Solid Sample	06/24/21 08:17	06/25/21 12:00	
570-62836-8	PSB-PCB-010	Other Solid Sample	06/24/21 08:12	06/25/21 12:00	
570-62836-9	PSB-PCB-013	Other Solid Sample	06/24/21 08:51	06/25/21 12:00	
570-62836-10	PSB-PCB-014	Other Solid Sample	06/24/21 08:59	06/25/21 12:00	
570-62836-11	PSB-PCB-015	Other Solid Sample	06/24/21 09:06	06/25/21 12:00	
570-62836-12	PSB-PCB-016	Other Solid Sample	06/24/21 09:40	06/25/21 12:00	
570-62836-13	PSB-PCB-017	Other Solid Sample	06/24/21 09:45	06/25/21 12:00	
570-62836-14	PSB-PCB-018	Other Solid Sample	06/24/21 09:50	06/25/21 12:00	
570-62836-15	PSB-PCB-019	Other Solid Sample	06/24/21 09:55	06/25/21 12:00	
570-62836-16	PSB-PCB-020	Other Solid Sample	06/24/21 10:15	06/25/21 12:00	
570-62836-17	PSB-PCB-021	Other Solid Sample	06/24/21 10:20	06/25/21 12:00	



570-62836 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE 6/24/21
PAGE 1 OF 3

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LABORATORY CLIENT Forensic Analytical Consulting Services				CLIENT PROJECT NAME / NUMBER PJ63338				P O NO #PO02884																
ADDRESS 21228 Cabot Blvd				PROJECT CONTACT Gary Lowe gary.lowe@forensicanalytical.com				SAMPLER(S) (PRINT) Anthony Aguilar Jim Sevilla																
CITY Hayward		STATE CA		ZIP 94545																				
TEL 510 266-4600		E-MAIL		<p align="center">REQUESTED ANALYSES</p> <p align="center">Please check box or fill in blank as needed</p> <table border="1"> <tr> <td><input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO</td> <td><input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO</td> <td><input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44</td> <td><input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/></td> <td><input type="checkbox"/> VOCs (8260)</td> <td><input type="checkbox"/> Oxygenates (8260)</td> <td><input type="checkbox"/> Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core</td> <td><input type="checkbox"/> SVOCs (8270)</td> <td><input type="checkbox"/> Pesticides (8081)</td> <td><input type="checkbox"/> PCBs (8082) and 3540C</td> <td><input type="checkbox"/> PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM</td> <td><input type="checkbox"/> T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X</td> <td><input type="checkbox"/> Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6</td> </tr> </table>								<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082) and 3540C	<input type="checkbox"/> PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>									<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082) and 3540C	<input type="checkbox"/> PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6				
TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD') <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD				GLOBAL ID		LOG CODE																		
SPECIAL INSTRUCTIONS				Unpreserved		Preserved		Field Filtered																
LAB USE ONLY	SAMPLE ID	DATE	TIME	MATRIX	NO OF CONT.																			
1	PSB-PCB 001	6/24/21	0739	mastic	1																			
2	PSB-PCB 002		0744								X													
3	PSB-PCB 003		0749								X													
4	PSB-PCB-004		0753								X													
5	PSB-PCB-005		0758								X													
	PSB-PCB-006		0803		VOID						X		AA											
	PSB-PCB-007		0808		VOID						X		AA											
6	PSB-PCB 008		0813	mastic	1						X													
7	PSB-PCB-009		0817								X													
8	PSB-PCB-010		0812								X													
Relinquished by: (Signature) 				Received by: (Signature/Affiliation) ECI				Date 6/24/21		Time 1345														
Relinquished by: (Signature) TO G80 6/24/21 1630				Received by: (Signature/Affiliation) ECI				Date 6/25/21		Time 1200														
Relinquished by: (Signature) 				Received by: (Signature/Affiliation)				Date		Time														

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WO # / LAB USE ONLY

DATE 6/24/21
 PAGE 2 OF 3

LABORATORY CLIENT: FACS
 ADDRESS: 21228 Cabot Blvd
 CITY: Hayward STATE: CA ZIP: 94545
 TEL: 510-266-4600 E-MAIL: gary.lowe@forensicanalytical.com

CLIENT PROJECT NAME / NUMBER: PJ63338 P O NO: #PO02884
 PROJECT CONTACT: Gary Lowe gary.lowe@forensicanalytical.com SAMPLER(S) (PRINT): AA JS

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID: _____ LOG CODE: _____

REQUESTED ANALYSES

Please check box or fill in blank as needed

Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			

SPECIAL INSTRUCTIONS

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered
		DATE	TIME					
	PSB-PCB-011	6/24/21	0841	Mastic	1	VOID		
	PSB-PCB-012		0846	↓	1	VOID		
	9 PSB-PCB-013		0851	Mastic	1			
	10 PSB-PCB-014		0859					
	11 PSB-PCB-015		0906					
	12 PSB-PCB-016		0940					
	13 PSB-PCB-017		0945					
	14 PSB-PCB-018		0950					
	15 PSB-PCB-019		0955					
	16 PSB-PCB-020	↓	1015	↓	↓			

Relinquished by (Signature):	Received by (Signature/Affiliation): ECI	Date: <u>6/24/21</u>	Time: <u>1345</u>
Relinquished by (Signature):	Received by (Signature/Affiliation): ECI	Date: <u>6/25/21</u>	Time: <u>1200</u>
Relinquished by (Signature):	Received by (Signature/Affiliation):	Date:	Time:





CHAIN OF CUSTODY RECORD

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WO # / LAB USE ONLY

DATE 6/24/21
PAGE 3 OF 3

LABORATORY CLIENT: FACS
ADDRESS: 21228 Cabot Blvd
CITY: Hayward STATE: CA ZIP: 94545
TEL: 510-266-4600 E-MAIL: gary.lowe@forensicanalytical.com

CLIENT PROJECT NAME / NUMBER: PJ63338 P O NO: #PO 2884
PROJECT CONTACT: Gary Lowe SAMPLER(S) (PRINT): AA
US

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID LOG CODE.
SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blank as needed													
TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
										X			
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										X			

Relinquished by (Signature): <u>[Signature]</u>	Received by (Signature/Affiliation): <u>[Signature]</u>	Date: <u>6/24/21</u>	Time: <u>1345</u>
Relinquished by (Signature): <u>[Signature]</u>	Received by (Signature/Affiliation): <u>[Signature]</u>	Date: <u>6/25/21</u>	Time: <u>1200</u>
Relinquished by (Signature):	Received by (Signature/Affiliation):	Date:	Time:



Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-62836-1

Login Number: 62836
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62894-1
Client Project/Site: PJ63338

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Gary Lowe



*Authorized for release by:
7/1/2021 3:11:03 PM*

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

Job ID: 570-62894-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative 570-62894-1

Comments

No additional comments.

Receipt

The samples were received on 6/26/2021 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

Receipt Exceptions

Pursuant to a client request / directive via email, results were reported in dry weight units.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: The following sample(s) is acidic after performing sulfuric acid clean up. The samples were transferred directly to G.C vial: PSB-PCB-025 (570-62894-8), PSB-PCB-026 (570-62894-9), PSB-PCB-027 (570-62894-10), PSB-PCB-028 (570-62894-11), PSB-PCB-029 (570-62894-12) and PSB-PCB-037 (570-62894-20)

Method 3540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: PSB-PCB-038 (570-62894-21), PSB-PCB-039 (570-62894-22), PSB-PCB-040 (570-62894-23), PSB-PCB-041 (570-62894-24), PSB-PCB-042 (570-62894-25), PSB-PCB-043 (570-62894-26), (570-62894-A-24 MS) and (570-62894-A-24 MSD). The reporting limits (RLs) have been adjusted proportionately. The sample is plastic/cloth, the amount weighed was changed from 20.0g to 1.0g.

Method 3540C: Due to the dark oily matrix, the following samples could not be concentrated to the final method required volume: PSB-PCB-006 (570-62894-1), PSB-PCB-007 (570-62894-2), PSB-PCB-011 (570-62894-3), PSB-PCB-012 (570-62894-4), PSB-PCB-022 (570-62894-5), PSB-PCB-023 (570-62894-6) and PSB-PCB-024 (570-62894-7). The reporting limits (RLs) are elevated proportionately. The final volume was changed from 10mL to 40mL.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-006

Date Collected: 06/25/21 06:00

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-1

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1221	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1232	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1242	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1248	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1254	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1260	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1262	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Aroclor-1268	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	129		20 - 155				06/29/21 05:26	07/01/21 08:12	1
Tetrachloro-m-xylene (Surr)	94		25 - 126				06/29/21 05:26	07/01/21 08:12	1

Client Sample ID: PSB-PCB-007

Date Collected: 06/25/21 06:05

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-2

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1221	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1232	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1242	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1248	ND		2.7	1.3	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1254	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1260	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1262	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Aroclor-1268	ND		2.7	1.5	mg/Kg	✱	06/29/21 05:26	07/01/21 08:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		20 - 155				06/29/21 05:26	07/01/21 08:30	1
Tetrachloro-m-xylene (Surr)	81		25 - 126				06/29/21 05:26	07/01/21 08:30	1

Client Sample ID: PSB-PCB-011

Date Collected: 06/25/21 06:10

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-3

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1221	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1232	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1242	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1248	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1254	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1260	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1262	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Aroclor-1268	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 08:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	78		20 - 155				06/29/21 05:26	07/01/21 08:48	1
Tetrachloro-m-xylene (Surr)	68		25 - 126				06/29/21 05:26	07/01/21 08:48	1

Eurofins Calscience LLC

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-012

Date Collected: 06/25/21 06:16

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-4

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1221	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1232	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1242	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1248	ND		3.6	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1254	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1260	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1262	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Aroclor-1268	ND		3.6	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	37		20 - 155				06/29/21 05:26	07/01/21 09:05	1
Tetrachloro-m-xylene (Surr)	30		25 - 126				06/29/21 05:26	07/01/21 09:05	1

Client Sample ID: PSB-PCB-022

Date Collected: 06/25/21 06:22

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-5

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4.0	1.9	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1221	ND		4.0	1.9	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1232	ND		4.0	1.9	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1242	ND		4.0	1.9	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1248	ND		4.0	1.9	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1254	ND		4.0	2.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1260	ND		4.0	2.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1262	ND		4.0	2.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Aroclor-1268	ND		4.0	2.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	99		20 - 155				06/29/21 05:26	07/01/21 09:23	1
Tetrachloro-m-xylene (Surr)	105		25 - 126				06/29/21 05:26	07/01/21 09:23	1

Client Sample ID: PSB-PCB-023

Date Collected: 06/25/21 06:30

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-6

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2.2	1.1	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1221	ND		2.2	1.1	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1232	ND		2.2	1.1	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1242	ND		2.2	1.1	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1248	ND		2.2	1.1	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1254	ND		2.2	1.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1260	ND		2.2	1.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1262	ND		2.2	1.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Aroclor-1268	ND		2.2	1.2	mg/Kg	✱	06/29/21 05:26	07/01/21 09:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	63		20 - 155				06/29/21 05:26	07/01/21 09:41	1
Tetrachloro-m-xylene (Surr)	55		25 - 126				06/29/21 05:26	07/01/21 09:41	1

Eurofins Calscience LLC

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-024

Date Collected: 06/25/21 06:35

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-7

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.7	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1221	ND		3.7	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1232	ND		3.7	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1242	ND		3.7	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1248	ND		3.7	1.8	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1254	ND		3.7	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1260	ND		3.7	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1262	ND		3.7	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Aroclor-1268	ND		3.7	2.0	mg/Kg	✱	06/29/21 05:26	07/01/21 09:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	92		20 - 155				06/29/21 05:26	07/01/21 09:59	1
Tetrachloro-m-xylene (Surr)	115		25 - 126				06/29/21 05:26	07/01/21 09:59	1

Client Sample ID: PSB-PCB-025

Date Collected: 06/25/21 06:40

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-8

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.92	0.45	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1221	ND		0.92	0.45	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1232	ND		0.92	0.45	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1242	ND		0.92	0.45	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1248	ND		0.92	0.45	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1254	ND		0.92	0.50	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1260	ND		0.92	0.50	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1262	ND		0.92	0.50	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Aroclor-1268	ND		0.92	0.50	mg/Kg	✱	06/29/21 05:26	07/01/21 10:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	131		20 - 155				06/29/21 05:26	07/01/21 10:17	1
Tetrachloro-m-xylene (Surr)	95		25 - 126				06/29/21 05:26	07/01/21 10:17	1

Client Sample ID: PSB-PCB-026

Date Collected: 06/25/21 06:45

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-9

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.84	0.41	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1221	ND		0.84	0.41	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1232	ND		0.84	0.41	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1242	ND		0.84	0.41	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1248	ND		0.84	0.41	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1254	ND		0.84	0.46	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1260	ND		0.84	0.46	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1262	ND		0.84	0.46	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Aroclor-1268	ND		0.84	0.46	mg/Kg	✱	06/29/21 05:26	07/01/21 10:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	102		20 - 155				06/29/21 05:26	07/01/21 10:35	1
Tetrachloro-m-xylene (Surr)	106		25 - 126				06/29/21 05:26	07/01/21 10:35	1

Eurofins Calscience LLC

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-027

Date Collected: 06/25/21 06:51

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-10

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.84	0.41	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1221	ND		0.84	0.41	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1232	ND		0.84	0.41	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1242	ND		0.84	0.41	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1248	ND		0.84	0.41	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1254	ND		0.84	0.46	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1260	ND		0.84	0.46	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1262	ND		0.84	0.46	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Aroclor-1268	ND		0.84	0.46	mg/Kg	✳	06/29/21 05:26	07/01/21 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	123		20 - 155				06/29/21 05:26	07/01/21 10:53	1
Tetrachloro-m-xylene (Surr)	93		25 - 126				06/29/21 05:26	07/01/21 10:53	1

Client Sample ID: PSB-PCB-028

Date Collected: 06/25/21 06:57

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-11

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.59	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1221	ND		0.59	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1232	ND		0.59	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1242	ND		0.59	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1248	ND		0.59	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1254	ND		0.59	0.32	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1260	ND		0.59	0.32	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1262	ND		0.59	0.32	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Aroclor-1268	ND		0.59	0.32	mg/Kg	✳	06/29/21 05:26	07/01/21 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	79		20 - 155				06/29/21 05:26	07/01/21 11:11	1
Tetrachloro-m-xylene (Surr)	89		25 - 126				06/29/21 05:26	07/01/21 11:11	1

Client Sample ID: PSB-PCB-029

Date Collected: 06/25/21 07:02

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-12

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.53	0.26	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1221	ND		0.53	0.26	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1232	ND		0.53	0.26	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1242	ND		0.53	0.26	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1248	ND		0.53	0.26	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1254	ND		0.53	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1260	ND		0.53	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1262	ND		0.53	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Aroclor-1268	ND		0.53	0.29	mg/Kg	✳	06/29/21 05:26	07/01/21 11:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		20 - 155				06/29/21 05:26	07/01/21 11:29	1
Tetrachloro-m-xylene (Surr)	71		25 - 126				06/29/21 05:26	07/01/21 11:29	1

Eurofins Calscience LLC

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-030

Date Collected: 06/25/21 07:07

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-13

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.56	0.27	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1221	ND		0.56	0.27	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1232	ND		0.56	0.27	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1242	ND		0.56	0.27	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1248	ND		0.56	0.27	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1254	ND		0.56	0.31	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1260	ND		0.56	0.31	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1262	ND		0.56	0.31	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Aroclor-1268	ND		0.56	0.31	mg/Kg	✱	06/29/21 05:26	07/01/21 05:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	122		20 - 155				06/29/21 05:26	07/01/21 05:48	1
Tetrachloro-m-xylene (Surr)	59		25 - 126				06/29/21 05:26	07/01/21 05:48	1

Client Sample ID: PSB-PCB-031

Date Collected: 06/25/21 07:12

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-14

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.91	0.44	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1221	ND		0.91	0.44	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1232	ND		0.91	0.44	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1242	ND		0.91	0.44	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1248	ND		0.91	0.44	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1254	ND		0.91	0.49	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1260	ND		0.91	0.49	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1262	ND		0.91	0.49	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Aroclor-1268	ND		0.91	0.49	mg/Kg	✱	06/29/21 05:26	07/01/21 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	112		20 - 155				06/29/21 05:26	07/01/21 06:06	1
Tetrachloro-m-xylene (Surr)	112		25 - 126				06/29/21 05:26	07/01/21 06:06	1

Client Sample ID: PSB-PCB-032

Date Collected: 06/25/21 07:18

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-15

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.80	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1221	ND		0.80	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1232	ND		0.80	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1242	ND		0.80	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1248	ND		0.80	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1254	ND		0.80	0.43	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1260	ND		0.80	0.43	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1262	ND		0.80	0.43	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Aroclor-1268	ND		0.80	0.43	mg/Kg	✱	06/29/21 05:26	07/01/21 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	54		20 - 155				06/29/21 05:26	07/01/21 11:47	1
Tetrachloro-m-xylene (Surr)	103		25 - 126				06/29/21 05:26	07/01/21 11:47	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-033

Date Collected: 06/25/21 07:23

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-16

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.77	0.37	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1221	ND		0.77	0.37	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1232	ND		0.77	0.37	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1242	ND		0.77	0.37	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1248	ND		0.77	0.37	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1254	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1260	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1262	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Aroclor-1268	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 06:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	133		20 - 155				06/29/21 05:26	07/01/21 06:24	1
Tetrachloro-m-xylene (Surr)	116		25 - 126				06/29/21 05:26	07/01/21 06:24	1

Client Sample ID: PSB-PCB-034

Date Collected: 06/25/21 07:30

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-17

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.77	0.38	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1221	ND		0.77	0.38	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1232	ND		0.77	0.38	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1242	ND		0.77	0.38	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1248	ND		0.77	0.38	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1254	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1260	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1262	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Aroclor-1268	ND		0.77	0.42	mg/Kg	✳	06/29/21 05:26	07/01/21 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	121		20 - 155				06/29/21 05:26	07/01/21 12:05	1
Tetrachloro-m-xylene (Surr)	111		25 - 126				06/29/21 05:26	07/01/21 12:05	1

Client Sample ID: PSB-PCB-035

Date Collected: 06/25/21 07:35

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-18

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.63	0.30	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1221	ND		0.63	0.30	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1232	ND		0.63	0.30	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1242	ND		0.63	0.30	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1248	ND		0.63	0.30	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1254	ND		0.63	0.34	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1260	ND		0.63	0.34	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1262	ND		0.63	0.34	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Aroclor-1268	ND		0.63	0.34	mg/Kg	✳	06/29/21 05:26	07/01/21 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	142		20 - 155				06/29/21 05:26	07/01/21 05:30	1
Tetrachloro-m-xylene (Surr)	112		25 - 126				06/29/21 05:26	07/01/21 05:30	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-036

Date Collected: 06/25/21 07:40

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-19

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.77	0.37	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1221	ND		0.77	0.37	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1232	ND		0.77	0.37	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1242	ND		0.77	0.37	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1248	ND		0.77	0.37	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1254	ND		0.77	0.42	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1260	ND		0.77	0.42	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1262	ND		0.77	0.42	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Aroclor-1268	ND		0.77	0.42	mg/Kg	✱	06/29/21 05:26	07/01/21 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	111		20 - 155				06/29/21 05:26	07/01/21 12:23	1
Tetrachloro-m-xylene (Surr)	95		25 - 126				06/29/21 05:26	07/01/21 12:23	1

Client Sample ID: PSB-PCB-037

Date Collected: 06/25/21 07:45

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-20

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.72	0.35	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1221	ND		0.72	0.35	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1232	ND		0.72	0.35	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1242	ND		0.72	0.35	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1248	ND		0.72	0.35	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1254	ND		0.72	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1260	ND		0.72	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1262	ND		0.72	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Aroclor-1268	ND		0.72	0.39	mg/Kg	✱	06/29/21 05:26	07/01/21 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	104		20 - 155				06/29/21 05:26	07/01/21 12:41	1
Tetrachloro-m-xylene (Surr)	99		25 - 126				06/29/21 05:26	07/01/21 12:41	1

Client Sample ID: PSB-PCB-038

Date Collected: 06/25/21 07:50

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-21

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.91	0.44	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1221	ND		0.91	0.44	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1232	ND		0.91	0.44	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1242	ND		0.91	0.44	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1248	ND		0.91	0.44	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1254	ND		0.91	0.50	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1260	ND		0.91	0.50	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1262	ND		0.91	0.50	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Aroclor-1268	ND		0.91	0.50	mg/Kg	✱	06/29/21 10:13	07/01/21 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	131		20 - 155				06/29/21 10:13	07/01/21 02:49	1
Tetrachloro-m-xylene (Surr)	107		25 - 126				06/29/21 10:13	07/01/21 02:49	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-039
Date Collected: 06/25/21 07:56
Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-22
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.96	0.47	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1221	ND		0.96	0.47	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1232	ND		0.96	0.47	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1242	ND		0.96	0.47	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1248	ND		0.96	0.47	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1254	ND		0.96	0.52	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1260	ND		0.96	0.52	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1262	ND		0.96	0.52	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Aroclor-1268	ND		0.96	0.52	mg/Kg	✱	06/29/21 10:13	07/01/21 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	32		20 - 155				06/29/21 10:13	07/01/21 03:07	1
Tetrachloro-m-xylene (Surr)	112		25 - 126				06/29/21 10:13	07/01/21 03:07	1

Client Sample ID: PSB-PCB-040
Date Collected: 06/25/21 08:01
Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-23
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.80	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1221	ND		0.80	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1232	ND		0.80	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1242	ND		0.80	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1248	ND		0.80	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1254	ND		0.80	0.43	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1260	ND		0.80	0.43	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1262	ND		0.80	0.43	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Aroclor-1268	ND		0.80	0.43	mg/Kg	✱	06/29/21 10:13	07/01/21 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	100		20 - 155				06/29/21 10:13	07/01/21 03:25	1
Tetrachloro-m-xylene (Surr)	102		25 - 126				06/29/21 10:13	07/01/21 03:25	1

Client Sample ID: PSB-PCB-041
Date Collected: 06/25/21 08:07
Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-24
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.72	0.35	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1221	ND		0.72	0.35	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1232	ND		0.72	0.35	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1242	ND		0.72	0.35	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1248	ND		0.72	0.35	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1254	0.64	J	0.72	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1260	ND	F2 F1	0.72	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1262	ND		0.72	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Aroclor-1268	ND		0.72	0.39	mg/Kg	✱	06/29/21 10:13	07/01/21 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	110		20 - 155				06/29/21 10:13	07/01/21 03:43	1
Tetrachloro-m-xylene (Surr)	111		25 - 126				06/29/21 10:13	07/01/21 03:43	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-042

Date Collected: 06/25/21 08:13

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-25

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.72	0.35	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1221	ND		0.72	0.35	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1232	ND		0.72	0.35	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1242	ND		0.72	0.35	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1248	ND		0.72	0.35	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1254	1.5		0.72	0.39	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1260	ND		0.72	0.39	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1262	ND		0.72	0.39	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1
Aroclor-1268	ND		0.72	0.39	mg/Kg	✧	06/29/21 10:13	07/01/21 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	101		20 - 155	06/29/21 10:13	07/01/21 04:01	1
Tetrachloro-m-xylene (Surr)	105		25 - 126	06/29/21 10:13	07/01/21 04:01	1

Client Sample ID: PSB-PCB-043

Date Collected: 06/25/21 08:20

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-26

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.7	0.81	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1221	ND		1.7	0.81	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1232	ND		1.7	0.81	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1242	ND		1.7	0.81	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1248	ND		1.7	0.81	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1254	ND		1.7	0.91	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1260	ND		1.7	0.91	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1262	ND		1.7	0.91	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1
Aroclor-1268	ND		1.7	0.91	mg/Kg	✧	06/29/21 10:13	07/01/21 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	132		20 - 155	06/29/21 10:13	07/01/21 04:19	1
Tetrachloro-m-xylene (Surr)	106		25 - 126	06/29/21 10:13	07/01/21 04:19	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

General Chemistry

Client Sample ID: PSB-PCB-006

Date Collected: 06/25/21 06:00

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-1

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-007

Date Collected: 06/25/21 06:05

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-2

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-011

Date Collected: 06/25/21 06:10

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-3

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-012

Date Collected: 06/25/21 06:16

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-4

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-022

Date Collected: 06/25/21 06:22

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-5

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.6		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-023

Date Collected: 06/25/21 06:30

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-6

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.3		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-024

Date Collected: 06/25/21 06:35

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-7

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.6		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-025

Date Collected: 06/25/21 06:40

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-8

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.0		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-026

Date Collected: 06/25/21 06:45

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-9

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.1		0.1	0.1	%			06/29/21 16:05	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

General Chemistry

Client Sample ID: PSB-PCB-027

Date Collected: 06/25/21 06:51

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-10

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.1		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-028

Date Collected: 06/25/21 06:57

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-11

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.2		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-029

Date Collected: 06/25/21 07:02

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-12

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.6		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-030

Date Collected: 06/25/21 07:07

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-13

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.9		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-031

Date Collected: 06/25/21 07:12

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-14

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	100		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-032

Date Collected: 06/25/21 07:18

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-15

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	96.2		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-033

Date Collected: 06/25/21 07:23

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-16

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-034

Date Collected: 06/25/21 07:30

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-17

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.3		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-035

Date Collected: 06/25/21 07:35

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-18

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.6		0.1	0.1	%			06/29/21 16:05	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

General Chemistry

Client Sample ID: PSB-PCB-036

Date Collected: 06/25/21 07:40

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-19

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.5		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-037

Date Collected: 06/25/21 07:45

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-20

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.4		0.1	0.1	%			06/29/21 16:05	1

Client Sample ID: PSB-PCB-038

Date Collected: 06/25/21 07:50

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-21

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.7		0.1	0.1	%			06/29/21 17:29	1

Client Sample ID: PSB-PCB-039

Date Collected: 06/25/21 07:56

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-22

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.4		0.1	0.1	%			06/29/21 17:29	1

Client Sample ID: PSB-PCB-040

Date Collected: 06/25/21 08:01

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-23

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	96.3		0.1	0.1	%			06/29/21 17:29	1

Client Sample ID: PSB-PCB-041

Date Collected: 06/25/21 08:07

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-24

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.1		0.1	0.1	%			06/29/21 17:29	1

Client Sample ID: PSB-PCB-042

Date Collected: 06/25/21 08:13

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-25

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.4		0.1	0.1	%			06/29/21 17:29	1

Client Sample ID: PSB-PCB-043

Date Collected: 06/25/21 08:20

Date Received: 06/26/21 10:40

Lab Sample ID: 570-62894-26

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	59.9		0.1	0.1	%			06/29/21 17:29	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Other Solid Sample

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (20-155)	TCX1 (25-126)
570-62894-1	PSB-PCB-006	129	94
570-62894-2	PSB-PCB-007	69	81
570-62894-3	PSB-PCB-011	78	68
570-62894-4	PSB-PCB-012	37	30
570-62894-5	PSB-PCB-022	99	105
570-62894-6	PSB-PCB-023	63	55
570-62894-7	PSB-PCB-024	92	115
570-62894-8	PSB-PCB-025	131	95
570-62894-9	PSB-PCB-026	102	106
570-62894-10	PSB-PCB-027	123	93
570-62894-11	PSB-PCB-028	79	89
570-62894-12	PSB-PCB-029	68	71
570-62894-13	PSB-PCB-030	122	59
570-62894-14	PSB-PCB-031	112	112
570-62894-15	PSB-PCB-032	54	103
570-62894-16	PSB-PCB-033	133	116
570-62894-17	PSB-PCB-034	121	111
570-62894-18	PSB-PCB-035	142	112
570-62894-18 MS	PSB-PCB-035	131	107
570-62894-18 MSD	PSB-PCB-035	116	102
570-62894-19	PSB-PCB-036	111	95
570-62894-20	PSB-PCB-037	104	99
570-62894-21	PSB-PCB-038	131	107
570-62894-22	PSB-PCB-039	32	112
570-62894-23	PSB-PCB-040	100	102
570-62894-24	PSB-PCB-041	110	111
570-62894-24 MS	PSB-PCB-041	138	115
570-62894-24 MSD	PSB-PCB-041	84	111
570-62894-25	PSB-PCB-042	101	105
570-62894-26	PSB-PCB-043	132	106

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (20-155)	TCX1 (25-126)
LCS 570-160455/2-A	Lab Control Sample	117	108
LCS 570-160564/2-A	Lab Control Sample	112	103
LCSD 570-160455/3-A	Lab Control Sample Dup	118	107
LCSD 570-160564/3-A	Lab Control Sample Dup	113	103
MB 570-160455/1-A	Method Blank	111	88
MB 570-160564/1-A	Method Blank	117	109

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-160455/1-A
Matrix: Solid
Analysis Batch: 161069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 160455

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		06/29/21 05:26	07/01/21 04:37	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		06/29/21 05:26	07/01/21 04:37	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	111		20 - 155	06/29/21 05:26	07/01/21 04:37	1
Tetrachloro-m-xylene (Surr)	88		25 - 126	06/29/21 05:26	07/01/21 04:37	1

Lab Sample ID: LCS 570-160455/2-A
Matrix: Solid
Analysis Batch: 161069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 160455

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Aroclor-1016	0.100	0.09927		mg/Kg		99	50 - 142
Aroclor-1260	0.100	0.1076		mg/Kg		108	50 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	117		20 - 155
Tetrachloro-m-xylene (Surr)	108		25 - 126

Lab Sample ID: LCSD 570-160455/3-A
Matrix: Solid
Analysis Batch: 161069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 160455

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.09840		mg/Kg		98	50 - 142	1	30
Aroclor-1260	0.100	0.1032		mg/Kg		103	50 - 150	4	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	118		20 - 155
Tetrachloro-m-xylene (Surr)	107		25 - 126

Lab Sample ID: 570-62894-18 MS
Matrix: Other Solid Sample
Analysis Batch: 161069

Client Sample ID: PSB-PCB-035
Prep Type: Total/NA
Prep Batch: 160455

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aroclor-1016	ND		1.54	1.774		mg/Kg	☼	115	20 - 175
Aroclor-1260	ND		1.54	1.814		mg/Kg	☼	117	20 - 180

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-62894-18 MS
Matrix: Other Solid Sample
Analysis Batch: 161069

Client Sample ID: PSB-PCB-035
Prep Type: Total/NA
Prep Batch: 160455

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	131		20 - 155
Tetrachloro-m-xylene (Surr)	107		25 - 126

Lab Sample ID: 570-62894-18 MSD
Matrix: Other Solid Sample
Analysis Batch: 161069

Client Sample ID: PSB-PCB-035
Prep Type: Total/NA
Prep Batch: 160455

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Aroclor-1016	ND		1.83	2.077		mg/Kg	⊛	114	20 - 175	16	40	
Aroclor-1260	ND		1.83	1.882		mg/Kg	⊛	103	20 - 180	4	40	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	116		20 - 155
Tetrachloro-m-xylene (Surr)	102		25 - 126

Lab Sample ID: MB 570-160564/1-A
Matrix: Solid
Analysis Batch: 161069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 160564

Analyte	MB MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier					Time	Time	Time	Time	
Aroclor-1016	ND		0.050	0.024	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1221	ND		0.050	0.024	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1232	ND		0.050	0.024	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1242	ND		0.050	0.024	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1248	ND		0.050	0.024	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1254	ND		0.050	0.027	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1260	ND		0.050	0.027	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1262	ND		0.050	0.027	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Aroclor-1268	ND		0.050	0.027	mg/Kg		06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	

Surrogate	MB MB		Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier		Time	Time	Time	Time	
DCB Decachlorobiphenyl (Surr)	117		20 - 155	06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	
Tetrachloro-m-xylene (Surr)	109		25 - 126	06/29/21 10:13	07/01/21 01:55	07/01/21 01:55	1	

Lab Sample ID: LCS 570-160564/2-A
Matrix: Solid
Analysis Batch: 161069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 160564

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Aroclor-1016	0.100	0.08950		mg/Kg		90	50 - 142	
Aroclor-1260	0.100	0.09691		mg/Kg		97	50 - 150	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	112		20 - 155
Tetrachloro-m-xylene (Surr)	103		25 - 126

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-62894-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 570-160564/3-A
Matrix: Solid
Analysis Batch: 161069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 160564

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Aroclor-1016	0.100	0.08942		mg/Kg		89	50 - 142	0	30	
Aroclor-1260	0.100	0.09749		mg/Kg		97	50 - 150	1	30	
LCSD LCSD										
Surrogate	%Recovery	Qualifier	Limits							
DCB Decachlorobiphenyl (Surr)	113		20 - 155							
Tetrachloro-m-xylene (Surr)	103		25 - 126							

Lab Sample ID: 570-62894-24 MS
Matrix: Other Solid Sample
Analysis Batch: 161069

Client Sample ID: PSB-PCB-041
Prep Type: Total/NA
Prep Batch: 160564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Aroclor-1016	ND		1.68	1.892		mg/Kg	☼	112	20 - 175			
Aroclor-1260	ND	F2 F1	1.68	2.086		mg/Kg	☼	124	20 - 180			
MS MS												
Surrogate	%Recovery	Qualifier	Limits									
DCB Decachlorobiphenyl (Surr)	138		20 - 155									
Tetrachloro-m-xylene (Surr)	115		25 - 126									

Lab Sample ID: 570-62894-24 MSD
Matrix: Other Solid Sample
Analysis Batch: 161069

Client Sample ID: PSB-PCB-041
Prep Type: Total/NA
Prep Batch: 160564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Aroclor-1016	ND		1.26	1.556		mg/Kg	☼	123	20 - 175	19	40	
Aroclor-1260	ND	F2 F1	1.26	3.527	F1 F2	mg/Kg	☼	280	20 - 180	51	40	
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
DCB Decachlorobiphenyl (Surr)	84		20 - 155									
Tetrachloro-m-xylene (Surr)	111		25 - 126									

Method: Moisture - Percent Moisture

Lab Sample ID: 570-62894-1 DU
Matrix: Other Solid Sample
Analysis Batch: 160685

Client Sample ID: PSB-PCB-006
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD		Limit
							RPD	Limit	
Percent Solids	99.8		99.8		%		0	10	

Lab Sample ID: 570-62894-11 DU
Matrix: Other Solid Sample
Analysis Batch: 160685

Client Sample ID: PSB-PCB-028
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD		Limit
							RPD	Limit	
Percent Solids	99.2		99.2		%		0	10	

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 570-62894-21 DU
Matrix: Other Solid Sample
Analysis Batch: 160718

Client Sample ID: PSB-PCB-038
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Solids	99.7		99.7		%		0	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

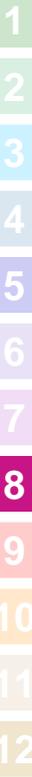
Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Other Solid Sample	Percent Solids



Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-62894-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

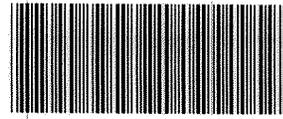
Job ID: 570-62894-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-62894-1	PSB-PCB-006	Other Solid Sample	06/25/21 06:00	06/26/21 10:40	
570-62894-2	PSB-PCB-007	Other Solid Sample	06/25/21 06:05	06/26/21 10:40	
570-62894-3	PSB-PCB-011	Other Solid Sample	06/25/21 06:10	06/26/21 10:40	
570-62894-4	PSB-PCB-012	Other Solid Sample	06/25/21 06:16	06/26/21 10:40	
570-62894-5	PSB-PCB-022	Other Solid Sample	06/25/21 06:22	06/26/21 10:40	
570-62894-6	PSB-PCB-023	Other Solid Sample	06/25/21 06:30	06/26/21 10:40	
570-62894-7	PSB-PCB-024	Other Solid Sample	06/25/21 06:35	06/26/21 10:40	
570-62894-8	PSB-PCB-025	Other Solid Sample	06/25/21 06:40	06/26/21 10:40	
570-62894-9	PSB-PCB-026	Other Solid Sample	06/25/21 06:45	06/26/21 10:40	
570-62894-10	PSB-PCB-027	Other Solid Sample	06/25/21 06:51	06/26/21 10:40	
570-62894-11	PSB-PCB-028	Other Solid Sample	06/25/21 06:57	06/26/21 10:40	
570-62894-12	PSB-PCB-029	Other Solid Sample	06/25/21 07:02	06/26/21 10:40	
570-62894-13	PSB-PCB-030	Other Solid Sample	06/25/21 07:07	06/26/21 10:40	
570-62894-14	PSB-PCB-031	Other Solid Sample	06/25/21 07:12	06/26/21 10:40	
570-62894-15	PSB-PCB-032	Other Solid Sample	06/25/21 07:18	06/26/21 10:40	
570-62894-16	PSB-PCB-033	Other Solid Sample	06/25/21 07:23	06/26/21 10:40	
570-62894-17	PSB-PCB-034	Other Solid Sample	06/25/21 07:30	06/26/21 10:40	
570-62894-18	PSB-PCB-035	Other Solid Sample	06/25/21 07:35	06/26/21 10:40	
570-62894-19	PSB-PCB-036	Other Solid Sample	06/25/21 07:40	06/26/21 10:40	
570-62894-20	PSB-PCB-037	Other Solid Sample	06/25/21 07:45	06/26/21 10:40	
570-62894-21	PSB-PCB-038	Other Solid Sample	06/25/21 07:50	06/26/21 10:40	
570-62894-22	PSB-PCB-039	Other Solid Sample	06/25/21 07:56	06/26/21 10:40	
570-62894-23	PSB-PCB-040	Other Solid Sample	06/25/21 08:01	06/26/21 10:40	
570-62894-24	PSB-PCB-041	Other Solid Sample	06/25/21 08:07	06/26/21 10:40	
570-62894-25	PSB-PCB-042	Other Solid Sample	06/25/21 08:13	06/26/21 10:40	
570-62894-26	PSB-PCB-043	Other Solid Sample	06/25/21 08:20	06/26/21 10:40	



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570-62894 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 6/25/21
AGE: 1 OF 3

LABORATORY CLIENT: Forensic Analytical Consulting Services		P.O. NO. #PO02884	
ADDRESS: 21228 Cabot Blvd		PROJECT CONTACT: Gary Lowe	
CITY: Hayward	STATE: CA	ZIP: 94545	SAMPLER(S) (PRINT): Anthony Aguilar Jim Sevilla
TEL: 510-266-4600	E-MAIL: gary.lowe@forensicanalytical.com		

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	BTX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (6035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6	
		DATE	TIME																			
1	PSB-PCB-006	6/25/21	0600	mastic	1														X			
2	PSB-PCB-007		0605		1														X			
3	PSB-PCB-008		0610		1														X			
4	PSB-PCB-012		0616	↓	1														X			
5	PSB-PCB-022		0622	sealant	1														X			
6	PSB-PCB-023		0630	↓	1														X			
7	PSB-PCB-024		0635	↓	1														X			
8	PSB-PCB-025		0640	gasket	1														X			
9	PSB-PCB-026	↓	0645	↓	1														X			
	PSB-PCB-027			VOID															X			

Relinquished by (Signature):	Received by (Signature/Affiliation):	Date: <u>6/25/21</u>	Time: <u>0955</u>
Relinquished by (Signature): <u>MA TO 630</u>	Received by (Signature/Affiliation): <u>Mabel Eui</u>	Date: <u>6/25/21</u>	Time: <u>1040</u>
Relinquished by (Signature):	Received by (Signature/Affiliation):	Date:	Time:

2.9/3.3 SCS





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CHAIN OF CUSTODY RECORD

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WO # / LAB USE ONLY

DATE: 6/25/21
PAGE: 2 OF 3

LABORATORY CLIENT: Forensic Analytical Consulting Services
ADDRESS: 21228 Cabot Blvd
CITY: Hayward STATE: CA ZIP: 94545
TEL: 510-246-4600 E-MAIL: gary.lowe@forensicanalytical.com

CLIENT PROJECT NAME / NUMBER: PJ 63338 P.O. NO. #PO02884
PROJECT CONTACT: Gary Lowe SAMPLER(S) (PRINT) AA JS

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID. LOG CODE:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
													X			
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													X			

SPECIAL INSTRUCTIONS:

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.
		DATE	TIME		
10	PSB-PCB-027	6/25/21	0651	gasket	1
11	PSB-PCB-028		0657		1
12	PSB-PCB-029		0702		1
13	PSB-PCB-030		0707		1
14	PSB-PCB-031		0712		1
15	PSB-PCB-032		0718		1
16	PSB-PCB-033		0723	↓	1
17	PSB-PCB-034		0730	sealant	1
18	PSB-PCB-035		0735	↓	1
19	PSB-PCB-036	↓	0740	↓	1

Relinquished by (Signature): <i>[Signature]</i>	Received by (Signature/Affiliation): <i>[Signature]</i>	Date: 6/25/21	Time: 0955
Relinquished by (Signature): <i>[Signature]</i> to 650 6/25/21 1630	Received by (Signature/Affiliation): <i>[Signature]</i>	Date: 6/26/21	Time: 1040
Relinquished by (Signature):	Received by (Signature/Affiliation):	Date:	Time:





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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE: 6/25/21
PAGE: 3 OF 3

LABORATORY CLIENT: Forensic Analytical Consulting Services
ADDRESS: 21228 Cabot Blvd
CITY: Hayward STATE: CA ZIP: 94545
TEL: 510-266-4600 E-MAIL:

CLIENT PROJECT NAME / NUMBER: PJ63338 P.O. NO.: #PO02884
PROJECT CONTACT: Gary Lowe SAMPLER(S) (PRINT): AA JS

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID: LOG CODE:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
										X			
										X			
										X			
										X			
										X			
										X			
										X			
										X			
										X			

SPECIAL INSTRUCTIONS

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered
		DATE	TIME					
20	FSB-PCB-037	6/25/21	0745	sealant	1			
21	FSB-PCB-038		0750		1			
22	FSB-PCB-039		0756		1			
23	FSB-PCB-040		0801		1			
24	FSB-PCB-041		0807		1			
25	FSB-PCB-042		0813	↓	1			
26	FSB-PCB-043	↓	0820	insulation	1			

Relinquished by (Signature):	Received by (Signature/Affiliation):	Date: 6/25/21	Time: 0955
Relinquished by (Signature):	Received by (Signature/Affiliation):	Date: 6/25/21	Time: 1040
Relinquished by (Signature):	Received by (Signature/Affiliation):	Date:	Time:

Page 27 of 29

7/1/2021



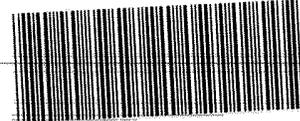


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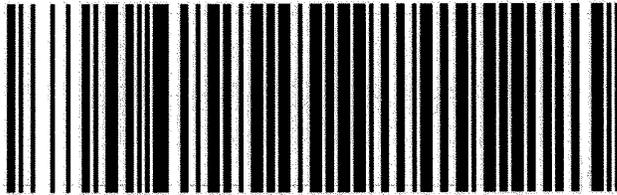
570-62894 Waybill

Ship To
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GARDEN GROVE, CA 92841

GARDEN GROVE

S92841A

COD: \$0.00
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Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-62894-1

Login Number: 62894

List Source: Eurofins Calscience LLC

List Number: 1

Creator: Ramos, Maribel

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-63422-1
Client Project/Site: PJ63338

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Gary Lowe



*Authorized for release by:
7/9/2021 2:30:01 PM*

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63422-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63422-1

Job ID: 570-63422-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative 570-63422-1

Comments

No additional comments.

Receipt

The samples were received on 7/2/2021 11:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5° C.

GC Semi VOA

Method 8082: Surrogate recovery for the following samples were outside control limits: (570-63349-A-6-C), (570-63349-A-6-A MS) and (570-63349-A-6-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: Due to the matrix, the following samples could not be concentrated to the final method required volume: B10-PCB-060 (570-63422-15), B10-PCB-064 (570-63422-19) and B10-PCB-065 (570-63422-20). The reporting limits (RLs) are elevated proportionately. The following sample is dirty. The final volume was changed from 10mL to 40mL

Method 3540C: Due to the matrix, the following samples could not be concentrated to the final method required volume: B10-PCB-056 (570-63422-11), B10-PCB-057 (570-63422-12), B10-PCB-058 (570-63422-13), B10-PCB-059 (570-63422-14), B10-PCB-061 (570-63422-16), B10-PCB-062 (570-63422-17) and B10-PCB-063 (570-63422-18). The reporting limits (RLs) are elevated proportionately. The final volume was changed from 10mL to 20mL. The sample is dirty.

Method 3540C: Due to the special matrix (Construction material), the initial volume(s) used for the following samples deviated from the standard procedure: PSB-PCB-044 (570-63422-1), PSB-PCB-045 (570-63422-2), B10-PCB-046 (570-63422-3), B10-PCB-047 (570-63422-4), B10-PCB-048 (570-63422-5), B10-PCB-049 (570-63422-6), B10-PCB-050 (570-63422-7), B10-PCB-051 (570-63422-8), B10-PCB-052 (570-63422-9), B10-PCB-055 (570-63422-10), B10-PCB-056 (570-63422-11), B10-PCB-057 (570-63422-12), B10-PCB-058 (570-63422-13), B10-PCB-059 (570-63422-14), B10-PCB-060 (570-63422-15), B10-PCB-061 (570-63422-16), B10-PCB-062 (570-63422-17), B10-PCB-063 (570-63422-18), B10-PCB-064 (570-63422-19), B10-PCB-065 (570-63422-20), (570-63422-A-1 MS) and (570-63422-A-1 MSD). The reporting limits (RLs) have been adjusted proportionately. Adjusted the initial mass from 20g to 1g.

Method 3540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: B10-PCB-066 (570-63422-21), B10-PCB-067 (570-63422-22), B10-PCB-068 (570-63422-23), B10-PCB-069 (570-63422-24), B10-PCB-070 (570-63422-25), B10-PCB-071 (570-63422-26) and B10-PCB-072 (570-63422-27). The reporting limits (RLs) have been adjusted proportionately. The initial amount weighed was changed from 20.0g to 1.0g. The sample is dirty.

Method 3540C: The following sample contains excessive acidity. Unable to perform sulfuric acid clean. The samples were directly transferred to G.C vial: B10-PCB-068 (570-63422-23), B10-PCB-070 (570-63422-25), B10-PCB-071 (570-63422-26) and B10-PCB-072 (570-63422-27)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PSB-PCB-044
Date Collected: 07/01/21 07:20
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-1
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1221	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1232	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1242	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1248	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1254	ND		0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1260	ND	F1	0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1262	ND		0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Aroclor-1268	ND		0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	151		20 - 155				07/07/21 12:14	07/08/21 18:42	1
Tetrachloro-m-xylene (Surr)	101		25 - 126				07/07/21 12:14	07/08/21 18:42	1

Client Sample ID: PSB-PCB-045
Date Collected: 07/01/21 07:25
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-2
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.93	0.45	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1221	ND		0.93	0.45	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1232	ND		0.93	0.45	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1242	ND		0.93	0.45	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1248	ND		0.93	0.45	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1254	ND		0.93	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1260	ND		0.93	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1262	ND		0.93	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Aroclor-1268	ND		0.93	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	105		20 - 155				07/07/21 12:14	07/08/21 19:00	1
Tetrachloro-m-xylene (Surr)	105		25 - 126				07/07/21 12:14	07/08/21 19:00	1

Client Sample ID: B10-PCB-046
Date Collected: 07/01/21 07:30
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-3
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1221	ND		1.0	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1232	ND		1.0	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1242	ND		1.0	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1248	ND		1.0	0.50	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1254	ND		1.0	0.56	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1260	ND		1.0	0.56	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1262	ND		1.0	0.56	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Aroclor-1268	ND		1.0	0.56	mg/Kg	✱	07/07/21 12:14	07/08/21 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	111		20 - 155				07/07/21 12:14	07/08/21 19:18	1
Tetrachloro-m-xylene (Surr)	99		25 - 126				07/07/21 12:14	07/08/21 19:18	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-047

Date Collected: 07/01/21 07:40

Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-4

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.99	0.48	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1221	ND		0.99	0.48	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1232	ND		0.99	0.48	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1242	ND		0.99	0.48	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1248	ND		0.99	0.48	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1254	ND		0.99	0.54	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1260	ND		0.99	0.54	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1262	ND		0.99	0.54	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Aroclor-1268	ND		0.99	0.54	mg/Kg	✱	07/07/21 12:14	07/08/21 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	94		20 - 155				07/07/21 12:14	07/08/21 19:36	1
Tetrachloro-m-xylene (Surr)	62		25 - 126				07/07/21 12:14	07/08/21 19:36	1

Client Sample ID: B10-PCB-048

Date Collected: 07/01/21 07:50

Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-5

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.95	0.46	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1221	ND		0.95	0.46	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1232	ND		0.95	0.46	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1242	ND		0.95	0.46	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1248	ND		0.95	0.46	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1254	ND		0.95	0.52	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1260	ND		0.95	0.52	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1262	ND		0.95	0.52	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Aroclor-1268	ND		0.95	0.52	mg/Kg	✱	07/07/21 12:14	07/08/21 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	130		20 - 155				07/07/21 12:14	07/08/21 19:54	1
Tetrachloro-m-xylene (Surr)	104		25 - 126				07/07/21 12:14	07/08/21 19:54	1

Client Sample ID: B10-PCB-049

Date Collected: 07/01/21 08:00

Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-6

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1221	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1232	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1242	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1248	ND		0.97	0.47	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1254	ND		0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1260	ND		0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1262	ND		0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Aroclor-1268	ND		0.97	0.53	mg/Kg	✱	07/07/21 12:14	07/08/21 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	146		20 - 155				07/07/21 12:14	07/08/21 20:12	1
Tetrachloro-m-xylene (Surr)	96		25 - 126				07/07/21 12:14	07/08/21 20:12	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-050
Date Collected: 07/01/21 08:10
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-7
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1221	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1232	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1242	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1248	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1254	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1260	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1262	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Aroclor-1268	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 20:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	106		20 - 155				07/07/21 12:14	07/08/21 20:30	1
Tetrachloro-m-xylene (Surr)	69		25 - 126				07/07/21 12:14	07/08/21 20:30	1

Client Sample ID: B10-PCB-051
Date Collected: 07/01/21 08:21
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-8
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.49	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1221	ND		1.0	0.49	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1232	ND		1.0	0.49	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1242	ND		1.0	0.49	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1248	ND		1.0	0.49	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1254	ND		1.0	0.55	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1260	ND		1.0	0.55	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1262	ND		1.0	0.55	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Aroclor-1268	ND		1.0	0.55	mg/Kg	✳	07/07/21 12:14	07/08/21 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	114		20 - 155				07/07/21 12:14	07/08/21 20:48	1
Tetrachloro-m-xylene (Surr)	93		25 - 126				07/07/21 12:14	07/08/21 20:48	1

Client Sample ID: B10-PCB-052
Date Collected: 07/01/21 08:39
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-9
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1221	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1232	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1242	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1248	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1254	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1260	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1262	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Aroclor-1268	ND		0.87	0.47	mg/Kg	✳	07/07/21 12:14	07/08/21 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	109		20 - 155				07/07/21 12:14	07/08/21 21:06	1
Tetrachloro-m-xylene (Surr)	102		25 - 126				07/07/21 12:14	07/08/21 21:06	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-055
Date Collected: 07/01/21 09:35
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-10
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.9	1.9	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1221	ND		3.9	1.9	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1232	ND		3.9	1.9	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1242	ND		3.9	1.9	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1248	ND		3.9	1.9	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1254	ND		3.9	2.1	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1260	ND		3.9	2.1	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1262	ND		3.9	2.1	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Aroclor-1268	ND		3.9	2.1	mg/Kg	✳	07/07/21 12:14	07/08/21 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	53		20 - 155				07/07/21 12:14	07/08/21 21:23	1
Tetrachloro-m-xylene (Surr)	48		25 - 126				07/07/21 12:14	07/08/21 21:23	1

Client Sample ID: B10-PCB-056
Date Collected: 07/01/21 09:40
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-11
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.83	0.40	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1221	ND		0.83	0.40	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1232	ND		0.83	0.40	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1242	ND		0.83	0.40	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1248	ND		0.83	0.40	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1254	ND		0.83	0.45	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1260	ND		0.83	0.45	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1262	ND		0.83	0.45	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Aroclor-1268	ND		0.83	0.45	mg/Kg	✳	07/07/21 12:14	07/09/21 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	33		20 - 155				07/07/21 12:14	07/09/21 00:05	1
Tetrachloro-m-xylene (Surr)	34		25 - 126				07/07/21 12:14	07/09/21 00:05	1

Client Sample ID: B10-PCB-057
Date Collected: 07/01/21 09:45
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-12
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.6	0.76	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1221	ND		1.6	0.76	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1232	ND		1.6	0.76	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1242	ND		1.6	0.76	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1248	ND		1.6	0.76	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1254	ND		1.6	0.85	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1260	ND		1.6	0.85	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1262	ND		1.6	0.85	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Aroclor-1268	ND		1.6	0.85	mg/Kg	✳	07/07/21 12:14	07/09/21 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	44		20 - 155				07/07/21 12:14	07/09/21 00:23	1
Tetrachloro-m-xylene (Surr)	44		25 - 126				07/07/21 12:14	07/09/21 00:23	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-058
Date Collected: 07/01/21 09:50
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-13
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.6	0.79	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1221	ND		1.6	0.79	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1232	ND		1.6	0.79	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1242	ND		1.6	0.79	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1248	ND		1.6	0.79	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1254	1.0	J	1.6	0.89	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1260	ND		1.6	0.89	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1262	ND		1.6	0.89	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Aroclor-1268	ND		1.6	0.89	mg/Kg	☼	07/07/21 12:14	07/09/21 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	29		20 - 155				07/07/21 12:14	07/09/21 00:41	1
Tetrachloro-m-xylene (Surr)	32		25 - 126				07/07/21 12:14	07/09/21 00:41	1

Client Sample ID: B10-PCB-059
Date Collected: 07/01/21 09:55
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-14
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.9	0.93	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1221	ND		1.9	0.93	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1232	ND		1.9	0.93	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1242	ND		1.9	0.93	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1248	ND		1.9	0.93	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1254	1.4	J	1.9	1.0	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1260	ND		1.9	1.0	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1262	ND		1.9	1.0	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Aroclor-1268	ND		1.9	1.0	mg/Kg	☼	07/07/21 12:14	07/09/21 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	58		20 - 155				07/07/21 12:14	07/09/21 00:59	1
Tetrachloro-m-xylene (Surr)	67		25 - 126				07/07/21 12:14	07/09/21 00:59	1

Client Sample ID: B10-PCB-060
Date Collected: 07/01/21 10:00
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-15
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.9	1.9	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1221	ND		3.9	1.9	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1232	ND		3.9	1.9	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1242	ND		3.9	1.9	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1248	ND		3.9	1.9	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1254	ND		3.9	2.1	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1260	ND		3.9	2.1	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1262	ND		3.9	2.1	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Aroclor-1268	ND		3.9	2.1	mg/Kg	☼	07/07/21 12:14	07/09/21 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	91		20 - 155				07/07/21 12:14	07/09/21 01:17	1
Tetrachloro-m-xylene (Surr)	97		25 - 126				07/07/21 12:14	07/09/21 01:17	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-061
Date Collected: 07/01/21 10:05
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-16
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.9	0.92	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1221	ND		1.9	0.92	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1232	ND		1.9	0.92	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1242	ND		1.9	0.92	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1248	ND		1.9	0.92	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1254	ND		1.9	1.0	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1260	ND		1.9	1.0	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1262	ND		1.9	1.0	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Aroclor-1268	ND		1.9	1.0	mg/Kg	✳	07/07/21 12:14	07/09/21 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	55		20 - 155				07/07/21 12:14	07/09/21 01:35	1
Tetrachloro-m-xylene (Surr)	64		25 - 126				07/07/21 12:14	07/09/21 01:35	1

Client Sample ID: B10-PCB-062
Date Collected: 07/01/21 10:10
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-17
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.6	0.78	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1221	ND		1.6	0.78	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1232	ND		1.6	0.78	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1242	ND		1.6	0.78	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1248	ND		1.6	0.78	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1254	ND		1.6	0.87	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1260	ND		1.6	0.87	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1262	ND		1.6	0.87	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Aroclor-1268	ND		1.6	0.87	mg/Kg	✳	07/07/21 12:14	07/09/21 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	47		20 - 155				07/07/21 12:14	07/09/21 01:52	1
Tetrachloro-m-xylene (Surr)	61		25 - 126				07/07/21 12:14	07/09/21 01:52	1

Client Sample ID: B10-PCB-063
Date Collected: 07/01/21 10:15
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-18
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.7	0.80	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1221	ND		1.7	0.80	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1232	ND		1.7	0.80	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1242	ND		1.7	0.80	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1248	ND		1.7	0.80	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1254	ND		1.7	0.90	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1260	ND		1.7	0.90	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1262	ND		1.7	0.90	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Aroclor-1268	ND		1.7	0.90	mg/Kg	✳	07/07/21 12:14	07/09/21 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	47		20 - 155				07/07/21 12:14	07/09/21 02:10	1
Tetrachloro-m-xylene (Surr)	59		25 - 126				07/07/21 12:14	07/09/21 02:10	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-064
Date Collected: 07/01/21 10:20
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-19
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.5	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1221	ND		3.5	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1232	ND		3.5	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1242	ND		3.5	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1248	ND		3.5	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1254	ND		3.5	1.9	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1260	ND		3.5	1.9	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1262	ND		3.5	1.9	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Aroclor-1268	ND		3.5	1.9	mg/Kg	✳	07/07/21 12:14	07/09/21 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	82		20 - 155				07/07/21 12:14	07/09/21 02:28	1
Tetrachloro-m-xylene (Surr)	99		25 - 126				07/07/21 12:14	07/09/21 02:28	1

Client Sample ID: B10-PCB-065
Date Collected: 07/01/21 10:25
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-20
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.6	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1221	ND		3.6	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1232	ND		3.6	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1242	ND		3.6	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1248	ND		3.6	1.7	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1254	ND		3.6	2.0	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1260	ND		3.6	2.0	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1262	ND		3.6	2.0	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Aroclor-1268	ND		3.6	2.0	mg/Kg	✳	07/07/21 12:14	07/09/21 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	67		20 - 155				07/07/21 12:14	07/09/21 02:46	1
Tetrachloro-m-xylene (Surr)	95		25 - 126				07/07/21 12:14	07/09/21 02:46	1

Client Sample ID: B10-PCB-066
Date Collected: 07/01/21 10:30
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-21
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1221	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1232	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1242	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1248	ND		0.87	0.42	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1254	ND		0.87	0.48	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1260	ND		0.87	0.48	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1262	ND		0.87	0.48	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Aroclor-1268	ND		0.87	0.48	mg/Kg	✳	07/07/21 12:03	07/09/21 09:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	23		20 - 155				07/07/21 12:03	07/09/21 09:38	1
Tetrachloro-m-xylene (Surr)	25		25 - 126				07/07/21 12:03	07/09/21 09:38	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-067
Date Collected: 07/01/21 10:35
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-22
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.92	0.45	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1221	ND		0.92	0.45	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1232	ND		0.92	0.45	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1242	ND		0.92	0.45	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1248	ND		0.92	0.45	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1254	ND		0.92	0.50	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1260	ND		0.92	0.50	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1262	ND		0.92	0.50	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Aroclor-1268	ND		0.92	0.50	mg/Kg	✱	07/07/21 12:03	07/09/21 09:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	107		20 - 155				07/07/21 12:03	07/09/21 09:56	1
Tetrachloro-m-xylene (Surr)	105		25 - 126				07/07/21 12:03	07/09/21 09:56	1

Client Sample ID: B10-PCB-068
Date Collected: 07/01/21 10:40
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-23
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1221	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1232	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1242	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1248	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1254	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1260	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1262	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Aroclor-1268	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 10:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		20 - 155				07/07/21 12:03	07/09/21 10:14	1
Tetrachloro-m-xylene (Surr)	115		25 - 126				07/07/21 12:03	07/09/21 10:14	1

Client Sample ID: B10-PCB-069
Date Collected: 07/01/21 10:45
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-24
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.88	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1221	ND		0.88	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1232	ND		0.88	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1242	ND		0.88	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1248	ND		0.88	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1254	ND		0.88	0.48	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1260	ND		0.88	0.48	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1262	ND		0.88	0.48	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Aroclor-1268	ND		0.88	0.48	mg/Kg	✱	07/07/21 12:03	07/09/21 10:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	102		20 - 155				07/07/21 12:03	07/09/21 10:32	1
Tetrachloro-m-xylene (Surr)	98		25 - 126				07/07/21 12:03	07/09/21 10:32	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-070
Date Collected: 07/01/21 12:20
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-25
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.86	0.42	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1221	ND		0.86	0.42	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1232	ND		0.86	0.42	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1242	ND		0.86	0.42	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1248	ND		0.86	0.42	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1254	ND		0.86	0.47	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1260	ND		0.86	0.47	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1262	ND		0.86	0.47	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Aroclor-1268	ND		0.86	0.47	mg/Kg	✱	07/07/21 12:03	07/09/21 10:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	122		20 - 155				07/07/21 12:03	07/09/21 10:50	1
Tetrachloro-m-xylene (Surr)	101		25 - 126				07/07/21 12:03	07/09/21 10:50	1

Client Sample ID: B10-PCB-071
Date Collected: 07/01/21 12:30
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-26
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.79	0.38	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1221	ND		0.79	0.38	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1232	ND		0.79	0.38	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1242	ND		0.79	0.38	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1248	ND		0.79	0.38	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1254	ND		0.79	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1260	ND		0.79	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1262	ND		0.79	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Aroclor-1268	ND		0.79	0.43	mg/Kg	✱	07/07/21 12:03	07/09/21 11:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		20 - 155				07/07/21 12:03	07/09/21 11:09	1
Tetrachloro-m-xylene (Surr)	95		25 - 126				07/07/21 12:03	07/09/21 11:09	1

Client Sample ID: B10-PCB-072
Date Collected: 07/01/21 12:40
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-27
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1221	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1232	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1242	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1248	ND		0.90	0.44	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1254	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1260	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1262	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Aroclor-1268	ND		0.90	0.49	mg/Kg	✱	07/07/21 12:03	07/09/21 11:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	114		20 - 155				07/07/21 12:03	07/09/21 11:26	1
Tetrachloro-m-xylene (Surr)	120		25 - 126				07/07/21 12:03	07/09/21 11:26	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

General Chemistry

Client Sample ID: PSB-PCB-044
Date Collected: 07/01/21 07:20
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-1
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: PSB-PCB-045
Date Collected: 07/01/21 07:25
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-2
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-046
Date Collected: 07/01/21 07:30
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-3
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.4		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-047
Date Collected: 07/01/21 07:40
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-4
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.1		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-048
Date Collected: 07/01/21 07:50
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-5
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.2		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-049
Date Collected: 07/01/21 08:00
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-6
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.0		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-050
Date Collected: 07/01/21 08:10
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-7
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-051
Date Collected: 07/01/21 08:21
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-8
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-052
Date Collected: 07/01/21 08:39
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-9
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.8		0.1	0.1	%			07/06/21 14:03	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

General Chemistry

Client Sample ID: B10-PCB-055
Date Collected: 07/01/21 09:35
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-10
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-056
Date Collected: 07/01/21 09:40
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-11
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-057
Date Collected: 07/01/21 09:45
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-12
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-058
Date Collected: 07/01/21 09:50
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-13
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-059
Date Collected: 07/01/21 09:55
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-14
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-060
Date Collected: 07/01/21 10:00
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-15
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-061
Date Collected: 07/01/21 10:05
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-16
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-062
Date Collected: 07/01/21 10:10
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-17
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.8		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-063
Date Collected: 07/01/21 10:15
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-18
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 14:03	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

General Chemistry

Client Sample ID: B10-PCB-064
Date Collected: 07/01/21 10:20
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-19
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.5		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-065
Date Collected: 07/01/21 10:25
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-20
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.5		0.1	0.1	%			07/06/21 14:03	1

Client Sample ID: B10-PCB-066
Date Collected: 07/01/21 10:30
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-21
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.4		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-067
Date Collected: 07/01/21 10:35
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-22
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.0		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-068
Date Collected: 07/01/21 10:40
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-23
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.6		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-069
Date Collected: 07/01/21 10:45
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-24
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.1		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-070
Date Collected: 07/01/21 12:20
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-25
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.1		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-071
Date Collected: 07/01/21 12:30
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-26
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.7		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-072
Date Collected: 07/01/21 12:40
Date Received: 07/02/21 11:10

Lab Sample ID: 570-63422-27
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.4		0.1	0.1	%			07/06/21 15:02	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Other Solid Sample

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (20-155)	TCX1 (25-126)
570-63422-1	PSB-PCB-044	151	101
570-63422-1 MS	PSB-PCB-044	141	118
570-63422-1 MSD	PSB-PCB-044	150	109
570-63422-2	PSB-PCB-045	105	105
570-63422-3	B10-PCB-046	111	99
570-63422-4	B10-PCB-047	94	62
570-63422-5	B10-PCB-048	130	104
570-63422-6	B10-PCB-049	146	96
570-63422-7	B10-PCB-050	106	69
570-63422-8	B10-PCB-051	114	93
570-63422-9	B10-PCB-052	109	102
570-63422-10	B10-PCB-055	53	48
570-63422-11	B10-PCB-056	33	34
570-63422-12	B10-PCB-057	44	44
570-63422-13	B10-PCB-058	29	32
570-63422-14	B10-PCB-059	58	67
570-63422-15	B10-PCB-060	91	97
570-63422-16	B10-PCB-061	55	64
570-63422-17	B10-PCB-062	47	61
570-63422-18	B10-PCB-063	47	59
570-63422-19	B10-PCB-064	82	99
570-63422-20	B10-PCB-065	67	95
570-63422-21	B10-PCB-066	23	25
570-63422-22	B10-PCB-067	107	105
570-63422-23	B10-PCB-068	48	115
570-63422-24	B10-PCB-069	102	98
570-63422-25	B10-PCB-070	122	101
570-63422-26	B10-PCB-071	66	95
570-63422-27	B10-PCB-072	114	120

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (20-155)	TCX1 (25-126)
LCS 570-162419/2-A	Lab Control Sample	98	105
LCS 570-162422/2-A	Lab Control Sample	104	91
LCSD 570-162419/3-A	Lab Control Sample Dup	97	104
LCSD 570-162422/3-A	Lab Control Sample Dup	103	91
MB 570-162419/1-A	Method Blank	98	105
MB 570-162422/1-A	Method Blank	98	89

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-162419/1-A
Matrix: Solid
Analysis Batch: 162815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162419

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/07/21 12:02	07/09/21 05:10	1
Surrogate	MB MB		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier		Prepared	Analyzed				
DCB Decachlorobiphenyl (Surr)	98		20 - 155				07/07/21 12:02	07/09/21 05:10	1
Tetrachloro-m-xylene (Surr)	105		25 - 126				07/07/21 12:02	07/09/21 05:10	1

Lab Sample ID: LCS 570-162419/2-A
Matrix: Solid
Analysis Batch: 162815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162419

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits	%Rec.	
		Result	Qualifier						
Aroclor-1016	0.100	0.09392		mg/Kg		94	50 - 142		
Aroclor-1260	0.100	0.09676		mg/Kg		97	50 - 150		
Surrogate	LCS LCS		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier		Prepared	Analyzed				
DCB Decachlorobiphenyl (Surr)	98		20 - 155				07/07/21 12:02	07/09/21 05:10	1
Tetrachloro-m-xylene (Surr)	105		25 - 126				07/07/21 12:02	07/09/21 05:10	1

Lab Sample ID: LCSD 570-162419/3-A
Matrix: Solid
Analysis Batch: 162815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162419

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.09533		mg/Kg		95	50 - 142	1	30
Aroclor-1260	0.100	0.09860		mg/Kg		99	50 - 150	2	30
Surrogate	LCSD LCSD		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier		Prepared	Analyzed				
DCB Decachlorobiphenyl (Surr)	97		20 - 155				07/07/21 12:14	07/08/21 17:48	1
Tetrachloro-m-xylene (Surr)	104		25 - 126				07/07/21 12:14	07/08/21 17:48	1

Lab Sample ID: MB 570-162422/1-A
Matrix: Solid
Analysis Batch: 162815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162422

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		07/07/21 12:14	07/08/21 17:48	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		07/07/21 12:14	07/08/21 17:48	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		07/07/21 12:14	07/08/21 17:48	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		07/07/21 12:14	07/08/21 17:48	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		07/07/21 12:14	07/08/21 17:48	1

Eurofins Calscience LLC

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 570-162422/1-A
Matrix: Solid
Analysis Batch: 162815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162422

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/07/21 12:14	07/08/21 17:48	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/07/21 12:14	07/08/21 17:48	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/07/21 12:14	07/08/21 17:48	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/07/21 12:14	07/08/21 17:48	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	98		20 - 155	07/07/21 12:14	07/08/21 17:48	1
Tetrachloro-m-xylene (Surr)	89		25 - 126	07/07/21 12:14	07/08/21 17:48	1

Lab Sample ID: LCS 570-162422/2-A
Matrix: Solid
Analysis Batch: 162815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162422

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Aroclor-1016	0.100	0.08254		mg/Kg		83	50 - 142
Aroclor-1260	0.100	0.09228		mg/Kg		92	50 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	104		20 - 155
Tetrachloro-m-xylene (Surr)	91		25 - 126

Lab Sample ID: LCSD 570-162422/3-A
Matrix: Solid
Analysis Batch: 162815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162422

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.08131		mg/Kg		81	50 - 142	1	30
Aroclor-1260	0.100	0.09109		mg/Kg		91	50 - 150	1	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	103		20 - 155
Tetrachloro-m-xylene (Surr)	91		25 - 126

Lab Sample ID: 570-63422-1 MS
Matrix: Other Solid Sample
Analysis Batch: 162815

Client Sample ID: PSB-PCB-044
Prep Type: Total/NA
Prep Batch: 162422

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Aroclor-1016	ND		1.96	2.184		mg/Kg	☼	111	20 - 175
Aroclor-1260	ND	F1	1.96	13.65	F1	mg/Kg	☼	695	20 - 180

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	141		20 - 155
Tetrachloro-m-xylene (Surr)	118		25 - 126

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63422-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-63422-1 MSD
Matrix: Other Solid Sample
Analysis Batch: 162815

Client Sample ID: PSB-PCB-044
Prep Type: Total/NA
Prep Batch: 162422

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Aroclor-1016	ND		1.91	1.887		mg/Kg	☼	99	20 - 175	15	40
Aroclor-1260	ND	F1	1.91	10.48	F1	mg/Kg	☼	550	20 - 180	26	40
		<i>MSD</i>	<i>MSD</i>								
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>								
<i>DCB Decachlorobiphenyl (Surr)</i>	150		20 - 155								
<i>Tetrachloro-m-xylene (Surr)</i>	109		25 - 126								

Method: Moisture - Percent Moisture

Lab Sample ID: 570-63422-3 DU
Matrix: Other Solid Sample
Analysis Batch: 162145

Client Sample ID: B10-PCB-046
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Percent Solids	94.4		94.2		%		0.2	10

Lab Sample ID: 570-63422-12 DU
Matrix: Other Solid Sample
Analysis Batch: 162145

Client Sample ID: B10-PCB-057
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Percent Solids	99.8		99.8		%		0	10

Lab Sample ID: 570-63422-21 DU
Matrix: Other Solid Sample
Analysis Batch: 162165

Client Sample ID: B10-PCB-066
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Percent Solids	99.4		99.4		%		0	10

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63422-1

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Other Solid Sample	Percent Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63422-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



Sample Summary

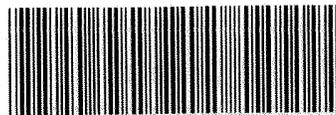
Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63422-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-63422-1	PSB-PCB-044	Other Solid Sample	07/01/21 07:20	07/02/21 11:10	
570-63422-2	PSB-PCB-045	Other Solid Sample	07/01/21 07:25	07/02/21 11:10	
570-63422-3	B10-PCB-046	Other Solid Sample	07/01/21 07:30	07/02/21 11:10	
570-63422-4	B10-PCB-047	Other Solid Sample	07/01/21 07:40	07/02/21 11:10	
570-63422-5	B10-PCB-048	Other Solid Sample	07/01/21 07:50	07/02/21 11:10	
570-63422-6	B10-PCB-049	Other Solid Sample	07/01/21 08:00	07/02/21 11:10	
570-63422-7	B10-PCB-050	Other Solid Sample	07/01/21 08:10	07/02/21 11:10	
570-63422-8	B10-PCB-051	Other Solid Sample	07/01/21 08:21	07/02/21 11:10	
570-63422-9	B10-PCB-052	Other Solid Sample	07/01/21 08:39	07/02/21 11:10	
570-63422-10	B10-PCB-055	Other Solid Sample	07/01/21 09:35	07/02/21 11:10	
570-63422-11	B10-PCB-056	Other Solid Sample	07/01/21 09:40	07/02/21 11:10	
570-63422-12	B10-PCB-057	Other Solid Sample	07/01/21 09:45	07/02/21 11:10	
570-63422-13	B10-PCB-058	Other Solid Sample	07/01/21 09:50	07/02/21 11:10	
570-63422-14	B10-PCB-059	Other Solid Sample	07/01/21 09:55	07/02/21 11:10	
570-63422-15	B10-PCB-060	Other Solid Sample	07/01/21 10:00	07/02/21 11:10	
570-63422-16	B10-PCB-061	Other Solid Sample	07/01/21 10:05	07/02/21 11:10	
570-63422-17	B10-PCB-062	Other Solid Sample	07/01/21 10:10	07/02/21 11:10	
570-63422-18	B10-PCB-063	Other Solid Sample	07/01/21 10:15	07/02/21 11:10	
570-63422-19	B10-PCB-064	Other Solid Sample	07/01/21 10:20	07/02/21 11:10	
570-63422-20	B10-PCB-065	Other Solid Sample	07/01/21 10:25	07/02/21 11:10	
570-63422-21	B10-PCB-066	Other Solid Sample	07/01/21 10:30	07/02/21 11:10	
570-63422-22	B10-PCB-067	Other Solid Sample	07/01/21 10:35	07/02/21 11:10	
570-63422-23	B10-PCB-068	Other Solid Sample	07/01/21 10:40	07/02/21 11:10	
570-63422-24	B10-PCB-069	Other Solid Sample	07/01/21 10:45	07/02/21 11:10	
570-63422-25	B10-PCB-070	Other Solid Sample	07/01/21 12:20	07/02/21 11:10	
570-63422-26	B10-PCB-071	Other Solid Sample	07/01/21 12:30	07/02/21 11:10	
570-63422-27	B10-PCB-072	Other Solid Sample	07/01/21 12:40	07/02/21 11:10	

63422

7/1/2021



570-63422 Chain of Custody

- 1
- 2
- 3
- 4
- 5
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- 7
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- 10
- 11
- 12

Ship From

EUROFINS CALSCIENCE, INC
ALAN KEMP
5063 COMMERCIAL CIRCLE
#H
CONCORD, CA 94520

Tracking #: 553855332

NPS



Ship To

CEL
SAMPLE RECEIVING
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

GARDEN GROVE

S92841A

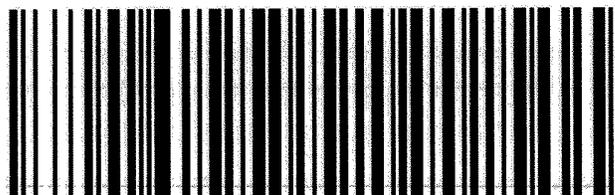
COD: \$0.00

Weight: 0 lb(s)

Reference:

APT,FACS,P66

Delivery Instructions:



44902594

Signature Type: STANDARD

ORC CA927-CL0

Print Date: 7/1/2021 2:46 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

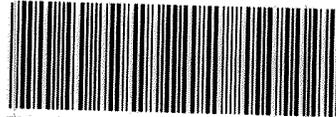
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com



570-63422 Waybill

CHAIN OF CUSTODY RECORD

DATE: 7/1/21
PAGE: 1 OF 3

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: Forensic Analytical Consulting Services		CLIENT PROJECT NAME / NUMBER: PV63388	P.O. NO.: #PO 02938
ADDRESS: 21228 Cabot Blvd		PROJECT CONTACT: Gary Lowe	SAMPLER(S): (PRINT) Anthony Aguilar Jim Sevilla
CITY: Hayward	STATE: CA	ZIP: 94553	
TEL: 510-266-4600	E-MAIL: gary.lowe@forensicanalytical.com		

REQUESTED ANALYSES

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

COELT EDF GLOBAL ID: _____ LOG CODE: _____

SPECIAL INSTRUCTIONS: _____

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C8-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 60107/47X <input type="checkbox"/> 60207/47X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	
		DATE	TIME																				
	1 PSB-PCB-044	7/1/21	0720	insulation	1																		
	2 PSB-PCB-045		0725	↓	1																		
	3 B10-PCB-046		0730	mastic	1																		
	4 B10-PCB-047		0740		1																		
	5 B10-PCB-048		0750		1																		
	6 B10-PCB-049		0800		1																		
	7 B10-PCB-050		0810		1																		
	8 B10-PCB-051		0821		1																		
	9 B10-PCB-052	↓	0839	↓	1																		
	B10-PCB-053			VOID																			

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <u>7/1/21</u>	Time: <u>1335</u>
Relinquished by: (Signature) <i>[Signature]</i> to <u>OSO</u> <u>7/1/21</u> <u>1630</u>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <u>7/2/21</u>	Time: <u>11:10</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2-9/2-5 sc6 #C-5. 06/02/14 Revision



6342

AA



CHAIN OF CUSTODY RECORD

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofins.com or call us.

WO # / LAB USE ONLY

DATE: 7/1/21
PAGE: 2 OF 3

LABORATORY CLIENT:
Forensic Analytical Consulting Services
 ADDRESS:
21228 Cabot Blvd
 CITY: **Hayward** STATE: **CA** ZIP: **94553**
 TEL: **510-266-4600** E-MAIL: **gary.lowe@forensicanalytical.com**

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

COELT EDF GLOBAL ID: LOG CODE:

CLIENT PROJECT NAME / NUMBER:
PJ63388

P.O. NO.:
#PO 02938

PROJECT CONTACT:
Gary Lowe

SAMPLER(S) (PRINT):
**Anthony Aguilar
 Jim Sevilla**

REQUESTED ANALYSES

Please check box or fill in blank as needed.

Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			

SPECIAL INSTRUCTIONS:

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered
		DATE	TIME					
	B10-PCB-054			VOID				
10	B10-PCB-055	7/1/21	0935	mastic	1			
11	B10-PCB-056		0940		1			
12	B10-PCB-057		0945		1			
13	B10-PCB-058		0950		1			
14	B10-PCB-059		0955		1			
15	B10-PCB-060		1000		1			
16	B10-PCB-061		1005		1			
17	B10-PCB-062		1010		1			
18	B10-PCB-063	↓	1015	↓	1			

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: 7/1/21	Time: 1335
Relinquished by: (Signature) <i>[Signature]</i> to 650 7/1/21 1630	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: 7/2/21	Time: 11:10
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



63422



CHAIN OF CUSTODY RECORD

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofins.com or call us.

WO # / LAB USE ONLY

DATE: 7/1/21
PAGE: 3 OF 3

LABORATORY CLIENT
Forensic Analytical Consulting Services
ADDRESS:
21228 Cabot Blvd
CITY: **Hayward** STATE: **CA** ZIP: **94553**
TEL: **510-266-4600** E-MAIL: **gary.lowe@forensicanalytical.com**

CLIENT PROJECT NAME / NUMBER:
PJ63338
PROJECT CONTACT:
Gary Lowe
P.O. NO.:
#PO
SAMPLER(S), (PRINT)
Anthony Aguilar
Jim Sevilla

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID: LOG CODE:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			

SPECIAL INSTRUCTIONS:

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered
		DATE	TIME					
	19 B10-PCB-064	7/1/21	1020	mastic	1			
	20 B10-PCB-065		1025		1			
	21 B10-PCB-066		1030	↓	1			
	22 B10-PCB-067		1035	mastic	1			
	23 B10-PCB-068		1040	↓	1			
	24 B10-PCB-069		1045	↓	1			
	25 B10-PCB-070		1220	sealant	1			
	26 B10-PCB-071		1230	↓	1			
	27 B10-PCB-072	↓	1240	↓	1			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: <u>7/1/21</u>	Time: <u>1330</u>
Relinquished by: (Signature) <u>to bso 7/1/21 1630</u>	Received by: (Signature/Affiliation)	Date: <u>7/2/21</u>	Time: <u>11:10</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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7/9/2021



Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-63422-1

Login Number: 63422

List Number: 1

Creator: Patel, Jayesh

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-63493-1
Client Project/Site: PJ63338

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Gary Lowe



*Authorized for release by:
7/12/2021 6:08:10 PM*

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63493-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63493-1

Job ID: 570-63493-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative 570-63493-1

Comments

No additional comments.

Receipt

The samples were received on 7/3/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: The following sample contains excessive acidity after performing sulfuric acid clean up. Unable to perform sulfuric acid clean up; the sample was transferred directly to G.C vial: B10-PCB-078 (570-63493-8)

Method 3540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: B10-PCB-053 (570-63493-1), B10-PCB-054 (570-63493-2), B10-PCB-073 (570-63493-3), B10-PCB-074 (570-63493-4), B10-PCB-075 (570-63493-5), B10-PCB-076 (570-63493-6), B10-PCB-077 (570-63493-7), B10-PCB-078 (570-63493-8), B10-PCB-079 (570-63493-9), B10-PCB-080 (570-63493-10), B10-PCB-081 (570-63493-11), B10-PCB-082 (570-63493-12) and B10-PCB-083 (570-63493-13). The reporting limits (RLs) have been adjusted proportionately. The initial volume was changed from 20.0g to 1.0g, the sample is dirty.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-053
Date Collected: 07/02/21 06:10
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-1
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.30	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1221	ND		0.30	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1232	ND		0.30	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1242	ND		0.30	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1248	ND		0.30	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1254	ND		0.30	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1260	ND		0.30	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1262	ND		0.30	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Aroclor-1268	ND		0.30	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	107		20 - 155				07/08/21 08:42	07/10/21 07:00	1
Tetrachloro-m-xylene (Surr)	109		25 - 126				07/08/21 08:42	07/10/21 07:00	1

Client Sample ID: B10-PCB-054
Date Collected: 07/02/21 06:35
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-2
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.29	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1221	ND		0.29	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1232	ND		0.29	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1242	ND		0.29	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1248	ND		0.29	0.14	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1254	ND		0.29	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1260	ND		0.29	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1262	ND		0.29	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Aroclor-1268	ND		0.29	0.16	mg/Kg	✱	07/08/21 08:42	07/10/21 07:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		20 - 155				07/08/21 08:42	07/10/21 07:17	1
Tetrachloro-m-xylene (Surr)	107		25 - 126				07/08/21 08:42	07/10/21 07:17	1

Client Sample ID: B10-PCB-073
Date Collected: 07/02/21 06:42
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-3
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.93	0.45	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1221	ND		0.93	0.45	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1232	ND		0.93	0.45	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1242	ND		0.93	0.45	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1248	ND		0.93	0.45	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1254	ND		0.93	0.51	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1260	ND		0.93	0.51	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1262	ND		0.93	0.51	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Aroclor-1268	ND		0.93	0.51	mg/Kg	✱	07/08/21 08:42	07/10/21 07:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	86		20 - 155				07/08/21 08:42	07/10/21 07:35	1
Tetrachloro-m-xylene (Surr)	111		25 - 126				07/08/21 08:42	07/10/21 07:35	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-074
Date Collected: 07/02/21 08:40
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-4
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1221	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1232	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1242	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1248	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1254	ND		0.89	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1260	ND		0.89	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1262	ND		0.89	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Aroclor-1268	ND		0.89	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 07:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	142		20 - 155				07/08/21 08:42	07/10/21 07:53	1
Tetrachloro-m-xylene (Surr)	106		25 - 126				07/08/21 08:42	07/10/21 07:53	1

Client Sample ID: B10-PCB-075
Date Collected: 07/02/21 08:45
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-5
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.86	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1221	ND		0.86	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1232	ND		0.86	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1242	ND		0.86	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1248	ND		0.86	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1254	ND		0.86	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1260	ND		0.86	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1262	ND		0.86	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Aroclor-1268	ND		0.86	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 08:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	152		20 - 155				07/08/21 08:42	07/10/21 08:11	1
Tetrachloro-m-xylene (Surr)	113		25 - 126				07/08/21 08:42	07/10/21 08:11	1

Client Sample ID: B10-PCB-076
Date Collected: 07/02/21 06:55
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-6
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1221	ND		1.0	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1232	ND		1.0	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1242	ND		1.0	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1248	ND		1.0	0.49	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1254	ND		1.0	0.55	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1260	ND		1.0	0.55	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1262	ND		1.0	0.55	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Aroclor-1268	ND		1.0	0.55	mg/Kg	✱	07/08/21 08:42	07/10/21 08:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	97		20 - 155				07/08/21 08:42	07/10/21 08:29	1
Tetrachloro-m-xylene (Surr)	101		25 - 126				07/08/21 08:42	07/10/21 08:29	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-077
Date Collected: 07/02/21 07:05
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-7
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.99	0.48	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1221	ND		0.99	0.48	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1232	ND		0.99	0.48	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1242	ND		0.99	0.48	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1248	ND		0.99	0.48	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1254	ND		0.99	0.54	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1260	ND		0.99	0.54	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1262	ND		0.99	0.54	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Aroclor-1268	ND		0.99	0.54	mg/Kg	✳	07/08/21 08:42	07/10/21 08:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	114		20 - 155				07/08/21 08:42	07/10/21 08:47	1
Tetrachloro-m-xylene (Surr)	121		25 - 126				07/08/21 08:42	07/10/21 08:47	1

Client Sample ID: B10-PCB-078
Date Collected: 07/02/21 08:15
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-8
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.90	0.43	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1221	ND		0.90	0.43	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1232	ND		0.90	0.43	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1242	ND		0.90	0.43	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1248	ND		0.90	0.43	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1254	ND		0.90	0.49	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1260	ND		0.90	0.49	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1262	ND		0.90	0.49	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Aroclor-1268	ND		0.90	0.49	mg/Kg	✳	07/08/21 08:42	07/10/21 09:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	132		20 - 155				07/08/21 08:42	07/10/21 09:05	1
Tetrachloro-m-xylene (Surr)	109		25 - 126				07/08/21 08:42	07/10/21 09:05	1

Client Sample ID: B10-PCB-079
Date Collected: 07/02/21 08:20
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-9
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1221	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1232	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1242	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1248	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1254	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1260	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1262	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Aroclor-1268	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 09:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	104		20 - 155				07/08/21 08:42	07/10/21 09:23	1
Tetrachloro-m-xylene (Surr)	98		25 - 126				07/08/21 08:42	07/10/21 09:23	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-080
Date Collected: 07/02/21 08:30
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-10
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.87	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1221	ND		0.87	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1232	ND		0.87	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1242	ND		0.87	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1248	ND		0.87	0.42	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1254	ND		0.87	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1260	ND		0.87	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1262	ND		0.87	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Aroclor-1268	ND		0.87	0.47	mg/Kg	✱	07/08/21 08:42	07/10/21 09:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	33		20 - 155				07/08/21 08:42	07/10/21 09:41	1
Tetrachloro-m-xylene (Surr)	30		25 - 126				07/08/21 08:42	07/10/21 09:41	1

Client Sample ID: B10-PCB-081
Date Collected: 07/02/21 09:20
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-11
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.95	0.46	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1221	ND		0.95	0.46	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1232	ND		0.95	0.46	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1242	ND		0.95	0.46	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1248	ND		0.95	0.46	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1254	ND		0.95	0.52	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1260	ND		0.95	0.52	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1262	ND		0.95	0.52	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Aroclor-1268	ND		0.95	0.52	mg/Kg	✱	07/08/21 08:42	07/10/21 09:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	77		20 - 155				07/08/21 08:42	07/10/21 09:59	1
Tetrachloro-m-xylene (Surr)	85		25 - 126				07/08/21 08:42	07/10/21 09:59	1

Client Sample ID: B10-PCB-082
Date Collected: 07/02/21 09:27
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-12
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1221	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1232	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1242	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1248	ND		0.89	0.43	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1254	ND		0.89	0.48	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1260	ND		0.89	0.48	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1262	ND		0.89	0.48	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Aroclor-1268	ND		0.89	0.48	mg/Kg	✱	07/08/21 08:42	07/10/21 10:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	103		20 - 155				07/08/21 08:42	07/10/21 10:17	1
Tetrachloro-m-xylene (Surr)	98		25 - 126				07/08/21 08:42	07/10/21 10:17	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B10-PCB-083

Date Collected: 07/02/21 09:37

Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-13

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.92	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1221	ND		0.92	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1232	ND		0.92	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1242	ND		0.92	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1248	ND		0.92	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1254	ND		0.92	0.50	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1260	ND		0.92	0.50	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1262	ND		0.92	0.50	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Aroclor-1268	ND		0.92	0.50	mg/Kg	☼	07/08/21 08:42	07/10/21 10:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl (Surr)</i>	98		20 - 155				07/08/21 08:42	07/10/21 10:35	1
<i>Tetrachloro-m-xylene (Surr)</i>	101		25 - 126				07/08/21 08:42	07/10/21 10:35	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63493-1

General Chemistry

Client Sample ID: B10-PCB-053
Date Collected: 07/02/21 06:10
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-1
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	67.0		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-054
Date Collected: 07/02/21 06:35
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-2
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	66.5		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-073
Date Collected: 07/02/21 06:42
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-3
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.2		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-074
Date Collected: 07/02/21 08:40
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-4
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-075
Date Collected: 07/02/21 08:45
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-5
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.9		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-076
Date Collected: 07/02/21 06:55
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-6
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	96.5		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-077
Date Collected: 07/02/21 07:05
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-7
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	96.0		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-078
Date Collected: 07/02/21 08:15
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-8
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.7		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-079
Date Collected: 07/02/21 08:20
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-9
Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.6		0.1	0.1	%			07/06/21 15:02	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63493-1

General Chemistry

Client Sample ID: B10-PCB-080

Date Collected: 07/02/21 08:30

Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-10

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.6		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-081

Date Collected: 07/02/21 09:20

Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-11

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.2		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-082

Date Collected: 07/02/21 09:27

Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-12

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.5		0.1	0.1	%			07/06/21 15:02	1

Client Sample ID: B10-PCB-083

Date Collected: 07/02/21 09:37

Date Received: 07/03/21 11:00

Lab Sample ID: 570-63493-13

Matrix: Other Solid Sample

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.9		0.1	0.1	%			07/06/21 15:02	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Other Solid Sample

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(20-155)	(25-126)
570-63493-1	B10-PCB-053	107	109
570-63493-2	B10-PCB-054	62	107
570-63493-3	B10-PCB-073	86	111
570-63493-4	B10-PCB-074	142	106
570-63493-5	B10-PCB-075	152	113
570-63493-6	B10-PCB-076	97	101
570-63493-7	B10-PCB-077	114	121
570-63493-8	B10-PCB-078	132	109
570-63493-9	B10-PCB-079	104	98
570-63493-10	B10-PCB-080	33	30
570-63493-11	B10-PCB-081	77	85
570-63493-12	B10-PCB-082	103	98
570-63493-13	B10-PCB-083	98	101

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(20-155)	(25-126)
LCS 570-162652/2-A	Lab Control Sample	104	99
LCSD 570-162652/3-A	Lab Control Sample Dup	106	98
MB 570-162652/1-A	Method Blank	125	109

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-162652/1-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162652

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	125		20 - 155	07/08/21 08:41	07/10/21 02:13	1
Tetrachloro-m-xylene (Surr)	109		25 - 126	07/08/21 08:41	07/10/21 02:13	1

Lab Sample ID: LCS 570-162652/2-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162652

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Aroclor-1016	0.100	0.09106		mg/Kg		91	50 - 142
Aroclor-1260	0.100	0.09967		mg/Kg		100	50 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	104		20 - 155
Tetrachloro-m-xylene (Surr)	99		25 - 126

Lab Sample ID: LCSD 570-162652/3-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162652

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.09101		mg/Kg		91	50 - 142	0	30
Aroclor-1260	0.100	0.1101		mg/Kg		110	50 - 150	10	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	106		20 - 155
Tetrachloro-m-xylene (Surr)	98		25 - 126

Method: Moisture - Percent Moisture

Lab Sample ID: 570-63493-2 DU
Matrix: Other Solid Sample
Analysis Batch: 162165

Client Sample ID: B10-PCB-054
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Percent Solids	66.5		67.4		%		1	10

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63493-1

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Other Solid Sample	Percent Solids

1

2

3

4

5

6

7

8

9

10

11

12

Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63493-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63493-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-63493-1	B10-PCB-053	Other Solid Sample	07/02/21 06:10	07/03/21 11:00	
570-63493-2	B10-PCB-054	Other Solid Sample	07/02/21 06:35	07/03/21 11:00	
570-63493-3	B10-PCB-073	Other Solid Sample	07/02/21 06:42	07/03/21 11:00	
570-63493-4	B10-PCB-074	Other Solid Sample	07/02/21 08:40	07/03/21 11:00	
570-63493-5	B10-PCB-075	Other Solid Sample	07/02/21 08:45	07/03/21 11:00	
570-63493-6	B10-PCB-076	Other Solid Sample	07/02/21 06:55	07/03/21 11:00	
570-63493-7	B10-PCB-077	Other Solid Sample	07/02/21 07:05	07/03/21 11:00	
570-63493-8	B10-PCB-078	Other Solid Sample	07/02/21 08:15	07/03/21 11:00	
570-63493-9	B10-PCB-079	Other Solid Sample	07/02/21 08:20	07/03/21 11:00	
570-63493-10	B10-PCB-080	Other Solid Sample	07/02/21 08:30	07/03/21 11:00	
570-63493-11	B10-PCB-081	Other Solid Sample	07/02/21 09:20	07/03/21 11:00	
570-63493-12	B10-PCB-082	Other Solid Sample	07/02/21 09:27	07/03/21 11:00	
570-63493-13	B10-PCB-083	Other Solid Sample	07/02/21 09:37	07/03/21 11:00	



570-63493 Chain of Custody

CHAIN OF CUSTODY RECORD

7/2/21
 1 OF 2

W3493

LABORATORY CLIENT: Forensic Analytical Consulting Services				PROJECT CONTACT: PJ63338 Gary Lowe				P.O. NO. #POD2938																
ADDRESS: 21228 Cabot Blvd				CITY: Hayward STATE: CA ZIP: 94553				SAMPLER(S), (PRINT) Anthony Aguilar Jim Sevilla																
TEL: 510-266-4600		E-MAIL: gary.lowe@forensicanalytical.com		REQUESTED ANALYSES																				
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD				Please check box or fill in blank as needed.																				
<input type="checkbox"/> COELT EDF GLOBAL ID: LOG CODE:				TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6							
SPECIAL INSTRUCTIONS:				Unpreserved	Preserved	Field Filtered																		
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6		
		DATE	TIME																					
	1 B10-PCB-053	7/2/21	0610	mastic	1															X				
	2 B10-PCB-054		0635	↓	1															X				
	3 B10-PCB-073		0642	gasket solvent	1															X				
	4 B10-PCB-074		0840	↓	1															X				
	5 B10-PCB-075		0845	↓	1															X				
	6 B10-PCB-076		0655	insulation	1															X				
	7 B10-PCB-077		0705	↓	1															X				
	8 B10-PCB-078		0815	gasket	1															X				
	9 B10-PCB-079		0820	↓	1															X				
	10 B10-PCB-080	↓	0830	↓	1															X				
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature/Affiliation) <i>[Signature] ECI</i>						Date: 7/2/21		Time: 1345										
Relinquished by: (Signature) <i>[Signature]</i> to 650 7/2/21 1630						Received by: (Signature/Affiliation) <i>[Signature] ECI</i>						Date: 7/3/21		Time: 1100										
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:		Time:										

3-7/3.3 SOU





CHAIN OF CUSTODY RECORD

63493

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
 For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

WO # / LAB USE ONLY

DATE: 7/2/21
 PAGE: 2 OF 2

LABORATORY CLIENT:
Forensic Analytical Consulting Services
 ADDRESS:
21228 Cabot Blvd
 CITY: **Hayward** STATE: **CA** ZIP: **94553**
 TEL: **510-266-4600** E-MAIL: **gary.lowe@forensicanalytical.com**
 TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID: LOG CODE:
 SPECIAL INSTRUCTIONS

CLIENT PROJECT NAME / NUMBER:
PJ63388
 P.O. NO.: **#PO02938**
 PROJECT CONTACT:
Gary Lowe
 SAMPLER(S): (PRINT)
Anthony Aguilar
Jim Sevilla

REQUESTED ANALYSES

Please check box or fill in blank as needed.

Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (6035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.
		DATE	TIME		
	11 B10-PCB-081	7/2/21	0920	gasket	1
	12 B10-PCB-082	↓	0927	↓	1
	13 B10-PCB-083	↓	0937	↓	1

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <u>7/2/21</u>	Time: <u>1345</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <u>7/3/21</u>	Time: <u>1100</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

Page 18 of 20

7/12/2021



63493

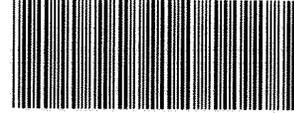


800-322-5555
www.gls-us.com

Ship From
EUROINS CALSCIENCE INC
ALAN KEMP
5063 COMMERCIAL CIRCLE
H
CONCORD, CA 94520

Tracking #: 553869151

SDS



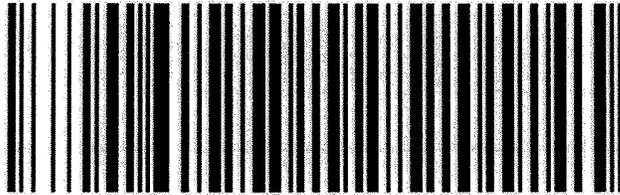
570-63493 Waybill

Ship To
CEL
SAMPLE RECEIVING
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

GARDEN GROVE

S10262G

COD: \$0.00
Weight: 0 lb(s)
Reference:
FACS,EA
Delivery Instructions:



44965026

Signature Type: STANDARD

ORC CA927-CG0

Print Date: 7/2/2021 2:40 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Step 1 Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer

Step 2: Fold this page in half.

Step 3. Securely attach this label to your package and do not cover the barcode

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to, limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com



Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-63493-1

Login Number: 63493

List Source: Eurofins Calscience LLC

List Number: 1

Creator: Ramos, Maribel

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-63494-1
Client Project/Site: PJ63338

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Gary Lowe



*Authorized for release by:
7/12/2021 6:10:06 PM*

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63494-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63494-1

Job ID: 570-63494-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative 570-63494-1

Comments

No additional comments.

Receipt

The samples were received on 7/3/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC Semi VOA

Method 8082: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-162652 and analytical batch 570-163025 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: The following sample contains excessive acidity after performing sulfuric acid clean up. Unable to perform sulfuric acid clean up; the sample was transferred directly to G.C vial: BR-PCB-02 (570-63494-2)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63494-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: BR-PCB-01
Date Collected: 07/01/21 09:20
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F1	0.20	0.097	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1221	ND		0.20	0.097	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1232	ND		0.20	0.097	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1242	ND		0.20	0.097	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1248	ND		0.20	0.097	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1254	ND		0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1260	ND	F2	0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1262	ND		0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Aroclor-1268	ND		0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	141		20 - 155				07/08/21 08:42	07/10/21 03:07	1
Tetrachloro-m-xylene (Surr)	103		25 - 126				07/08/21 08:42	07/10/21 03:07	1

Client Sample ID: BR-PCB-02
Date Collected: 07/01/21 09:23
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.20	0.096	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1221	ND		0.20	0.096	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1232	ND		0.20	0.096	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1242	ND		0.20	0.096	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1248	ND		0.20	0.096	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1254	ND		0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1260	ND		0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1262	ND		0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Aroclor-1268	ND		0.20	0.11	mg/Kg	✳	07/08/21 08:42	07/10/21 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	87		20 - 155				07/08/21 08:42	07/10/21 03:24	1
Tetrachloro-m-xylene (Surr)	122		25 - 126				07/08/21 08:42	07/10/21 03:24	1

Client Sample ID: BR-PCB-03
Date Collected: 07/01/21 09:17
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1221	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1232	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1242	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1248	ND		0.92	0.45	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1254	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1260	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1262	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Aroclor-1268	ND		0.92	0.50	mg/Kg	✳	07/08/21 08:42	07/10/21 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	108		20 - 155				07/08/21 08:42	07/10/21 03:42	1
Tetrachloro-m-xylene (Surr)	107		25 - 126				07/08/21 08:42	07/10/21 03:42	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63494-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: BR-PCB-04
Date Collected: 07/01/21 09:04
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.94	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1221	ND		0.94	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1232	ND		0.94	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1242	ND		0.94	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1248	ND		0.94	0.45	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1254	ND		0.94	0.51	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1260	ND		0.94	0.51	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1262	ND		0.94	0.51	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Aroclor-1268	ND		0.94	0.51	mg/Kg	☼	07/08/21 08:42	07/10/21 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl (Surr)</i>	101		20 - 155				07/08/21 08:42	07/10/21 04:00	1
<i>Tetrachloro-m-xylene (Surr)</i>	106		25 - 126				07/08/21 08:42	07/10/21 04:00	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63494-1

General Chemistry

Client Sample ID: BR-PCB-01
Date Collected: 07/01/21 09:20
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.3		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: BR-PCB-02
Date Collected: 07/01/21 09:23
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.6		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: BR-PCB-03
Date Collected: 07/01/21 09:17
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.9		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: BR-PCB-04
Date Collected: 07/01/21 09:04
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63494-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.7		0.1	0.1	%			07/06/21 16:31	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63494-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(20-155)	(25-126)
570-63494-1	BR-PCB-01	141	103
570-63494-1 MS	BR-PCB-01	99	102
570-63494-1 MSD	BR-PCB-01	71	70
570-63494-2	BR-PCB-02	87	122
570-63494-3	BR-PCB-03	108	107
570-63494-4	BR-PCB-04	101	106
LCS 570-162652/2-A	Lab Control Sample	104	99
LCSD 570-162652/3-A	Lab Control Sample Dup	106	98
MB 570-162652/1-A	Method Blank	125	109

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63494-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-162652/1-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162652

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	125		20 - 155	07/08/21 08:41	07/10/21 02:13	1
Tetrachloro-m-xylene (Surr)	109		25 - 126	07/08/21 08:41	07/10/21 02:13	1

Lab Sample ID: LCS 570-162652/2-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162652

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Aroclor-1016	0.100	0.09106		mg/Kg		91	50 - 142
Aroclor-1260	0.100	0.09967		mg/Kg		100	50 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	104		20 - 155
Tetrachloro-m-xylene (Surr)	99		25 - 126

Lab Sample ID: LCSD 570-162652/3-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162652

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.09101		mg/Kg		91	50 - 142	0	30
Aroclor-1260	0.100	0.1101		mg/Kg		110	50 - 150	10	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	106		20 - 155
Tetrachloro-m-xylene (Surr)	98		25 - 126

Lab Sample ID: 570-63494-1 MS
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: BR-PCB-01
Prep Type: Total/NA
Prep Batch: 162652

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aroclor-1016	ND	F1	0.396	0.7558	F1	mg/Kg	☼	191	20 - 175
Aroclor-1260	ND	F2	0.396	0.5845		mg/Kg	☼	147	20 - 180

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63494-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-63494-1 MS
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: BR-PCB-01
Prep Type: Total/NA
Prep Batch: 162652

<u>Surrogate</u>	<u>MS</u> <u>%Recovery</u>	<u>MS</u> <u>Qualifier</u>	<u>Limits</u>
DCB Decachlorobiphenyl (Surr)	99		20 - 155
Tetrachloro-m-xylene (Surr)	102		25 - 126

Lab Sample ID: 570-63494-1 MSD
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: BR-PCB-01
Prep Type: Total/NA
Prep Batch: 162652

<u>Analyte</u>	<u>Sample</u> <u>Result</u>	<u>Sample</u> <u>Qualifier</u>	<u>Spike</u> <u>Added</u>	<u>MSD</u> <u>Result</u>	<u>MSD</u> <u>Qualifier</u>	<u>Unit</u>	<u>D</u>	<u>%Rec</u>	<u>%Rec.</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>Limit</u>
Aroclor-1016	ND	F1	0.395	0.5258		mg/Kg	⊛	133	20 - 175	36	40
Aroclor-1260	ND	F2	0.395	0.3584	F2	mg/Kg	⊛	91	20 - 180	48	40

<u>Surrogate</u>	<u>MSD</u> <u>%Recovery</u>	<u>MSD</u> <u>Qualifier</u>	<u>Limits</u>
DCB Decachlorobiphenyl (Surr)	71		20 - 155
Tetrachloro-m-xylene (Surr)	70		25 - 126

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63494-1

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

<u>Authority</u>	<u>Program</u>	<u>Identification Number</u>	<u>Expiration Date</u>
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

<u>Analysis Method</u>	<u>Prep Method</u>	<u>Matrix</u>	<u>Analyte</u>
Moisture		Solid	Percent Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63494-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63494-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-63494-1	BR-PCB-01	Solid	07/01/21 09:20	07/03/21 11:00	
570-63494-2	BR-PCB-02	Solid	07/01/21 09:23	07/03/21 11:00	
570-63494-3	BR-PCB-03	Solid	07/01/21 09:17	07/03/21 11:00	
570-63494-4	BR-PCB-04	Solid	07/01/21 09:04	07/03/21 11:00	

1

2

3

4

5

6

7

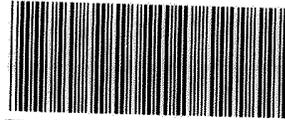
8

9

10

11

12



570-63494 Chain of Custody

CHAIN OF CUSTODY RECORD

63494

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us 26 sales@eurofins.com or call us.

Date: 07/02/21
Page: 1 OF 1

LABORATORY CLIENT: Forensic Analytical Consulting Services		CLIENT PROJECT NAME / NUMBER: PJ63388	P.O. NO.: #P02938
ADDRESS: 21228 Cabot Blvd		PROJECT CONTACT: Gary Lowe	SAMPLER(S). (PRINT) Anthony Aguilar Jim Sevilla
CITY: Hayward	STATE: CA	ZIP: 94553	
TEL: 510-266-4600	E-MAIL: gary.lowe@forensicanalytical.com		

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
 Please Provide a RL of < 1.0 mg/kg or ppm
 * EDD Format Report level 2*
 * Report in Dry weight/analyze samples for moisture*

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	REQUESTED ANALYSES															
		DATE	TIME						Please check box or fill in blank as needed.															
									<input type="checkbox"/> TPH(G) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6		
1	BR-PCB-01	07/02/21	0920	Solid	1																X			
2	BR-PCB-02	07/01/21	0923	Solid	1																	X		
3	BR-PCB-03	07/01/21	0917	Solid	1																	X		
4	BR-PCB-04	07/01/21	0904	Solid	1																	X		
																						X		
																						X		
																						X		

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: 7/2/21	Time: 1345
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: 7/3/21	Time: 1100
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

37 / m.3 + 3M4 SCL



Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-63494-1

Login Number: 63494

List Source: Eurofins Calscience LLC

List Number: 1

Creator: Ramos, Maribel

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-63496-1
Client Project/Site: PJ63338

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Gary Lowe



Authorized for release by:
7/12/2021 6:12:06 PM

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

LINKS

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results through
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Job ID: 570-63496-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-63496-1

Comments

No additional comments.

Receipt

The samples were received on 7/3/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: Due to the matrix, the following sample could not be concentrated to the final method required volume: CS-PCB-03 (570-63496-3). The reporting limits (RLs) are elevated proportionately. The final volume was changed from 10ml to 40mL.

Method 3540C: Due to the matrix, the following samples could not be concentrated to the final method required volume: CS-PCB-01 (570-63496-1) and CS-PCB-02 (570-63496-2). The reporting limits (RLs) are elevated proportionately. The final volume was changed from 10ml to 20mL.

Method 3540C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: CS-PCB-03 (570-63496-3). The reporting limits (RLs) have been adjusted proportionately. The initial volume was changed from 20.0g to 1.0g, the sample is dirty.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: CS-PCB-01
Date Collected: 07/02/21 08:54
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63496-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.9	0.93	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1221	ND		1.9	0.93	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1232	ND		1.9	0.93	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1242	ND		1.9	0.93	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1248	ND		1.9	0.93	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1254	ND		1.9	1.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1260	ND		1.9	1.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1262	ND		1.9	1.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Aroclor-1268	ND		1.9	1.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	102		20 - 155				07/08/21 08:42	07/10/21 06:06	1
Tetrachloro-m-xylene (Surr)	116		25 - 126				07/08/21 08:42	07/10/21 06:06	1

Client Sample ID: CS-PCB-02
Date Collected: 07/02/21 08:44
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63496-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.8	0.87	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1221	ND		1.8	0.87	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1232	ND		1.8	0.87	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1242	ND		1.8	0.87	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1248	ND		1.8	0.87	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1254	ND		1.8	0.98	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1260	ND		1.8	0.98	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1262	ND		1.8	0.98	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Aroclor-1268	ND		1.8	0.98	mg/Kg	✱	07/08/21 08:42	07/10/21 06:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	100		20 - 155				07/08/21 08:42	07/10/21 06:24	1
Tetrachloro-m-xylene (Surr)	114		25 - 126				07/08/21 08:42	07/10/21 06:24	1

Client Sample ID: CS-PCB-03
Date Collected: 07/02/21 08:39
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63496-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3.7	1.8	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1221	ND		3.7	1.8	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1232	ND		3.7	1.8	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1242	ND		3.7	1.8	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1248	ND		3.7	1.8	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1254	ND		3.7	2.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1260	ND		3.7	2.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1262	ND		3.7	2.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Aroclor-1268	ND		3.7	2.0	mg/Kg	✱	07/08/21 08:42	07/10/21 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	91		20 - 155				07/08/21 08:42	07/10/21 06:42	1
Tetrachloro-m-xylene (Surr)	97		25 - 126				07/08/21 08:42	07/10/21 06:42	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

General Chemistry

Client Sample ID: CS-PCB-01
Date Collected: 07/02/21 08:54
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63496-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	98.8		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: CS-PCB-02
Date Collected: 07/02/21 08:44
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63496-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.3		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: CS-PCB-03
Date Collected: 07/02/21 08:39
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63496-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.1		0.1	0.1	%			07/06/21 16:31	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(20-155)	(25-126)
570-63496-1	CS-PCB-01	102	116
570-63496-2	CS-PCB-02	100	114
570-63496-3	CS-PCB-03	91	97
LCS 570-162652/2-A	Lab Control Sample	104	99
LCSD 570-162652/3-A	Lab Control Sample Dup	106	98
MB 570-162652/1-A	Method Blank	125	109

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-162652/1-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162652

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/08/21 08:41	07/10/21 02:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	125		20 - 155	07/08/21 08:41	07/10/21 02:13	1
Tetrachloro-m-xylene (Surr)	109		25 - 126	07/08/21 08:41	07/10/21 02:13	1

Lab Sample ID: LCS 570-162652/2-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162652

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Aroclor-1016	0.100	0.09106		mg/Kg		91	50 - 142
Aroclor-1260	0.100	0.09967		mg/Kg		100	50 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	104		20 - 155
Tetrachloro-m-xylene (Surr)	99		25 - 126

Lab Sample ID: LCSD 570-162652/3-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162652

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.09101		mg/Kg		91	50 - 142	0	30
Aroclor-1260	0.100	0.1101		mg/Kg		110	50 - 150	10	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	106		20 - 155
Tetrachloro-m-xylene (Surr)	98		25 - 126

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Solids

1

2

3

4

5

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7

8

9

10

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12

Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63496-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-63496-1	CS-PCB-01	Solid	07/02/21 08:54	07/03/21 11:00	
570-63496-2	CS-PCB-02	Solid	07/02/21 08:44	07/03/21 11:00	
570-63496-3	CS-PCB-03	Solid	07/02/21 08:39	07/03/21 11:00	

1

2

3

4

5

6

7

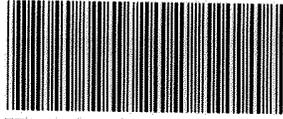
8

9

10

11

12



CHAIN OF CUSTODY RECORD

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
 For courier service / sample drop off information, contact us 26 sales@eurofinsus.com or call us.

570-63496 Chain of Custody

DATE: 07/02/21
 GE: _____ OF _____

LABORATORY CLIENT:
Forensic Analytical Consulting Services
 ADDRESS:
21228 Cabot Blvd
 CITY: **Hayward** STATE: **CA** ZIP: **94553**
 TEL: **510-266-4600** E-MAIL: **gary.lowe@forensicanalytical.com**

P.O. NO. **AP002938**
 PROJECT CONTACT: **Gary Lowe**
 SAMPLER(S): (PRINT)
Anthony Aguilar
Jim Sevilla

REQUESTED ANALYSES

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID: _____ LOG CODE: _____

SPECIAL INSTRUCTIONS
 Please Provide a RL of <1.0 mg/kg or PPM
 EDD Format Report level 2
 Report in Dry weight / Analyze samples for moisture

Please check box or fill in blank as needed.

Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			
													X			

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered
		DATE	TIME					
1	CS-Pcb-01	07/02/21	0854	solid	1			
2	CS-Pcb-02	07/02/21	0844	solid	1			
3	CS-Pcb-03	07/02/21	0839	solid	1			

Relinquished by (Signature): <i>[Signature]</i>	Received by (Signature/Affiliation): <i>[Signature]</i>	Date: <u>7/2/21</u>	Time: <u>1345</u>
Relinquished by (Signature): <i>[Signature]</i>	Received by (Signature/Affiliation): <i>Chamber Eri</i>	Date: <u>7/3/21</u>	Time: <u>1100</u>
Relinquished by (Signature): _____	Received by (Signature/Affiliation): _____	Date: _____	Time: _____

7-7/3-3 S66



Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-63496-1

Login Number: 63496

List Source: Eurofins Calscience LLC

List Number: 1

Creator: Ramos, Maribel

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-63505-1
Client Project/Site: PJ63338

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Gary Lowe



*Authorized for release by:
7/12/2021 6:13:52 PM*

Carla Hollowell, Project Manager I
(714)895-5494
Carla.Hollowell@eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63505-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63505-1

Job ID: 570-63505-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-63505-1

Comments

No additional comments.

Receipt

The samples were received on 7/3/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: Chill-PCB-01 (570-63505-1), Chill-PCB-02 (570-63505-2), Chill-PCB-03 (570-63505-3), Chill-PCB-04 (570-63505-4) and Chill-PCB-05 (570-63505-5). The reporting limits (RLs) have been adjusted proportionately. The initial amount was changed to 1.0g from 20.0g. The sample is dirty.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63505-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: Chill-PCB-01
Date Collected: 07/02/21 11:01
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.90	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1221	ND		0.90	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1232	ND		0.90	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1242	ND		0.90	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1248	ND		0.90	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1254	ND		0.90	0.49	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1260	ND		0.90	0.49	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1262	ND		0.90	0.49	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Aroclor-1268	ND		0.90	0.49	mg/Kg	✳	07/08/21 10:09	07/10/21 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	119		20 - 155				07/08/21 10:09	07/10/21 00:43	1
Tetrachloro-m-xylene (Surr)	107		25 - 126				07/08/21 10:09	07/10/21 00:43	1

Client Sample ID: Chill-PCB-02
Date Collected: 07/02/21 11:01
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.87	0.42	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1221	ND		0.87	0.42	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1232	ND		0.87	0.42	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1242	ND		0.87	0.42	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1248	ND		0.87	0.42	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1254	ND		0.87	0.47	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1260	ND		0.87	0.47	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1262	ND		0.87	0.47	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Aroclor-1268	ND		0.87	0.47	mg/Kg	✳	07/08/21 10:09	07/10/21 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	112		20 - 155				07/08/21 10:09	07/10/21 01:01	1
Tetrachloro-m-xylene (Surr)	109		25 - 126				07/08/21 10:09	07/10/21 01:01	1

Client Sample ID: Chill-PCB-03
Date Collected: 07/02/21 11:02
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.89	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1221	ND		0.89	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1232	ND		0.89	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1242	ND		0.89	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1248	ND		0.89	0.43	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1254	ND		0.89	0.48	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1260	ND		0.89	0.48	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1262	ND		0.89	0.48	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Aroclor-1268	ND		0.89	0.48	mg/Kg	✳	07/08/21 10:09	07/10/21 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	107		20 - 155				07/08/21 10:09	07/10/21 01:19	1
Tetrachloro-m-xylene (Surr)	109		25 - 126				07/08/21 10:09	07/10/21 01:19	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63505-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: Chill-PCB-04

Date Collected: 07/02/21 11:03

Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2.0	0.97	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1221	ND		2.0	0.97	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1232	ND		2.0	0.97	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1242	ND		2.0	0.97	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1248	ND		2.0	0.97	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1254	ND		2.0	1.1	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1260	ND		2.0	1.1	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1262	ND		2.0	1.1	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Aroclor-1268	ND		2.0	1.1	mg/Kg	✳	07/08/21 10:09	07/10/21 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	109		20 - 155				07/08/21 10:09	07/10/21 01:37	1
Tetrachloro-m-xylene (Surr)	108		25 - 126				07/08/21 10:09	07/10/21 01:37	1

Client Sample ID: Chill-PCB-05

Date Collected: 07/02/21 11:09

Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.5	0.75	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1221	ND		1.5	0.75	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1232	ND		1.5	0.75	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1242	ND		1.5	0.75	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1248	ND		1.5	0.75	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1254	ND		1.5	0.84	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1260	ND		1.5	0.84	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1262	ND		1.5	0.84	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Aroclor-1268	ND		1.5	0.84	mg/Kg	✳	07/08/21 10:09	07/10/21 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	86		20 - 155				07/08/21 10:09	07/10/21 01:55	1
Tetrachloro-m-xylene (Surr)	81		25 - 126				07/08/21 10:09	07/10/21 01:55	1

Client Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63505-1

General Chemistry

Client Sample ID: Chill-PCB-01
Date Collected: 07/02/21 11:01
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.6		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: Chill-PCB-02
Date Collected: 07/02/21 11:01
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.5		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: Chill-PCB-03
Date Collected: 07/02/21 11:02
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	99.3		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: Chill-PCB-04
Date Collected: 07/02/21 11:03
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	42.6		0.1	0.1	%			07/06/21 16:31	1

Client Sample ID: Chill-PCB-05
Date Collected: 07/02/21 11:09
Date Received: 07/03/21 11:00

Lab Sample ID: 570-63505-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	62.2		0.1	0.1	%			07/06/21 16:31	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63505-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(20-155)	(25-126)
570-63505-1	Chill-PCB-01	119	107
570-63505-2	Chill-PCB-02	112	109
570-63505-3	Chill-PCB-03	107	109
570-63505-4	Chill-PCB-04	109	108
570-63505-5	Chill-PCB-05	86	81
LCS 570-162692/2-A	Lab Control Sample	113	99
LCSD 570-162692/3-A	Lab Control Sample Dup	113	99
MB 570-162692/1-A	Method Blank	108	94

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
 Project/Site: PJ63338

Job ID: 570-63505-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-162692/1-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162692

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1016	ND		0.050	0.024	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1221	ND		0.050	0.024	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1232	ND		0.050	0.024	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1242	ND		0.050	0.024	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1248	ND		0.050	0.024	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/08/21 10:09	07/09/21 17:33	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/08/21 10:09	07/09/21 17:33	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	108		20 - 155	07/08/21 10:09	07/09/21 17:33	1
Tetrachloro-m-xylene (Surr)	94		25 - 126	07/08/21 10:09	07/09/21 17:33	1

Lab Sample ID: LCS 570-162692/2-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162692

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Aroclor-1016	0.100	0.08871		mg/Kg		89	50 - 142
Aroclor-1260	0.100	0.09958		mg/Kg		100	50 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	113		20 - 155
Tetrachloro-m-xylene (Surr)	99		25 - 126

Lab Sample ID: LCSD 570-162692/3-A
Matrix: Solid
Analysis Batch: 163025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162692

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
		Result	Qualifier						
Aroclor-1016	0.100	0.08942		mg/Kg		89	50 - 142	1	30
Aroclor-1260	0.100	0.1004		mg/Kg		100	50 - 150	1	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	113		20 - 155
Tetrachloro-m-xylene (Surr)	99		25 - 126

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63505-1

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Solids

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Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63505-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

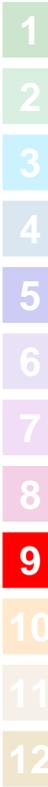
Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: PJ63338

Job ID: 570-63505-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-63505-1	Chill-PCB-01	Solid	07/02/21 11:01	07/03/21 11:00	
570-63505-2	Chill-PCB-02	Solid	07/02/21 11:01	07/03/21 11:00	
570-63505-3	Chill-PCB-03	Solid	07/02/21 11:02	07/03/21 11:00	
570-63505-4	Chill-PCB-04	Solid	07/02/21 11:03	07/03/21 11:00	
570-63505-5	Chill-PCB-05	Solid	07/02/21 11:09	07/03/21 11:00	

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CHAIN OF CUSTODY RECORD

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
 For courier service / sample drop off information, contact us 26_sales@eurofins.com or call us.

570-63505 Chain of Custody

DATE: 7/2/2021
 AGE: _____ OF _____

LABORATORY CLIENT:
Forensic Analytical Consulting Services
 ADDRESS:
21228 Cabot Blvd
 CITY: **Hayward** STATE: **CA** ZIP: **94553**
 TEL: **510-266-4600** E-MAIL: **gary.lowe@forensicanalytical.com**
 TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF GLOBAL ID: _____ LOG CODE: _____

CLIENT PROJECT NAME / NUMBER:
PJ63388
 PROJECT CONTACT:
Gary Lowe
 P.O. NO.:
#PO02938
 SAMPLER(S): (PRINT)
Anthony Aguilar
Jim Sevilla

REQUESTED ANALYSES

Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:
 * Please provide a RL of $\leq 1 \text{ mg/Kg}$ or ppm
 * EDD format report level 2
 * Report in dry weight / Analyze samples for moisture

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (8035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) and 3540C	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	
		DATE	TIME																				
1	Chill-PCB-01	7/2/21	1101	Solid	1															X			
2	Chill-PCB-02		1101		1															X			
3	Chill-PCB-03		1102		1															X			
4	Chill-PCB-04		1103		1															X			
5	Chill-PCB-05		1109		1															X			
																				X			
																				X			
																				X			
																				X			

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <u>7/2/21</u>	Time: <u>1345</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <u>7/3/21</u>	Time: <u>1100</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

3-7/3.3 SLP



Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-63505-1

Login Number: 63505

List Source: Eurofins Calscience LLC

List Number: 1

Creator: Ramos, Maribel

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

**Right People
Right Perspective
Right Now**

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