April 14, 2020

Mr. John Mannix
Assistant Superintendent, Operations
Monroe School District
200 East Fremont
Monroe, WA 98272

RE: Air and Surface PCB Sampling
Sky Valley Educational Center
351 Short Colombia Street
Monroe, Washington

Dear Mr. Mannix:

PBS Engineering and Environmental, Inc. (PBS) performed Polychlorinated Biphenyl (PCB) surface and air sampling at the Sky Valley Educational Center (SVEC) located at 351 Short Columbia Street, Monroe, Washington. The following report discusses background information, methodology, findings and conclusions.

BACKGROUND INFORMATION

Indications of PCB-containing light fixture ballast failures were identified in the December 9, 2020, Comprehensive Light Fixture Survey Report at SVEC in the Administration, Annex, Gymnasium, and the Technology buildings.

PBS was requested to conduct air and surface PCB sampling to evaluate potential PCB contamination of surrounding air and surfaces associated with identified light fixtures with signs of magnetic ballast failure.

METHODOLOGY

The following is a description of the air and surface sample collection and analysis process. The Monroe School District provided PBS with a drawing that identified specific areas to be sampled. See attached drawings.

PCB Air Samples

PBS collected indoor air samples at twenty-one (21) locations near areas where identified light fixtures with oily residue or signs of past magnetic ballast failure were observed. See attached sample location diagrams. The PCB air samples were collected using the Low Volume Polyurethane Foam Sampling Method. This method uses a vacuum pump with a glass tube that is fitted with a polyurethane foam (PUF) plug and no pre-filter. The PUF tube was pre-assembled and provided by Eurofins Test America in West Sacramento, California. The air pump is calibrated before and after testing with a pre-calibrated rotameter. The rotameter is calibrated annually with a primary standard. PBS personnel wore new disposable nitrile gloves to protect against cross-contamination between samples. The samples were labeled with unique identification numbers, packaged and delivered with chain-of-custody documentation to Eurofins TestAmerica, Sacramento. The samples were analyzed for PCBs using EPA Method T0-10A. Two field blanks (negative controls) were collected and included with each batch of air samples that were sent to the laboratory. A total of four (4) field blanks were collected during this activity. "Blanks" are unused PUF tubes that were handled similarly to all other samples; however, no air was drawn through these

"blank" tubes. Blanks are analyzed with each batch of air samples to help determine if the sample media or the handling process has influenced the final results. See attached laboratory report.

The EPA regulatory threshold for airborne PCBs established for this site is 100 nanograms per cubic meter (ng/m^3) of air.

PCB Surface Wipe Samples

PBS collected surface wipe samples in forty-two (42) locations within the areas where identified light fixtures with oily residue or signs of past magnetic ballast failure were observed. See attached sample location diagrams. The PCB surface sampling was performed using the wipe sampling method in 40 CFR Part 761. This method uses a gauze pad wetted with hexane and placed in a glass jar. The sample media was provided by Eurofin TestAmerica, Sacramento. The hexane wetted gauze pad is wiped over a 100 cm^2 area using a disposable template as a guide and then placed in a glass jar. PBS personnel wore new disposable nitrile gloves to protect against cross-contamination between samples. A total of two (2) field blanks were collected during this activity. The samples were labeled with unique identification numbers, packaged and delivered with chain-of-custody documentation to Eurofin TestAmerica, Sacramento. The samples were analyzed by EPA Method SW 8082 for PCBs. See attached laboratory report.

The EPA regulatory threshold for PCBs in surface wipes is 10 micrograms (µg) per 100 cm^2.

FINDINGS

The following is a summary of our laboratory findings for this air and surface sampling activity.

Air Samples

Laboratory results for all twenty-one (21) air samples collected during this sampling event were found to be below laboratory detection limits as well as EPA guidelines for PCBs. See Table 1.

Table 1 – Air Sampling Result

Sample Number	Location	PCB Results (ng/m^3)
41373.000.0014-3/25/2020-AIR-01	Tech Bldg. Welding room	ND
41373.000.0014-3/25/2020-AIR-02	Tech Bldg. Woodshop east center	ND
41373.000.0014-3/25/2020-AIR-03	Tech Bldg. Woodshop south center	ND
41373.000.0014-3/25/2020-AIR-04	Tech Bldg. Woodshop west near office	ND
41373.000.0014-3/25/2020-AIR-05	Tech Bldg. Woodshop west storage room near entry	ND
41373.000.0014-3/25/2020-AIR-06	Tech Bldg. Woodshop hallway at east entry	ND
41373.000.0014-3/25/2020-AIR-07	Tech Bldg. Woodshop north center	ND

Sample Number	Location	PCB Results (ng/m^3)
41373.000.0014-3/25/2020-AIR-08	Tech Bldg. Woodshop office	ND
41373.000.0014-3/25/2020-AIR-09	Tech Bldg. Men's restroom entry	ND
41373.000.0014-3/25/2020-AIR-10	Tech Bldg. Girl's restroom center	ND
41373.000.0014-3/25/2020-AIR-11	Tech Bldg. Room 23 center	ND
41373.000.0014-3/25/2020-AIR-12	Tech Bldg. Art room south center	ND
41373.000.0014-3/25/2020-AIR-13	Tech Bldg. Art room north center	ND
41373.000.0014-3/25/2020-AIR-14	Tech Bldg. Art room northwest storage room	ND
41373.000.0014-3/26/2020-AIR-15	Admin Bldg. Copier room	ND
41373.000.0014-3/26/2020-AIR-16	Admin Bldg. Men's restroom entry	ND
41373.000.0014-3/26/2020-AIR-17	Admin Bldg. Staff workroom	ND
41373.000.0014-3/26/2020-AIR-18	Annex Bldg. North storage room between Room A and Room C	ND
41373.000.0014-3/26/2020-AIR-19	Gym Bldg. Near snack bar/cafe	ND
41373.000.0014-3/26/2020-AIR-20	Large Gym Bldg. South storage room	ND
41373.000.0014-3/26/2020-AIR-21	Small Gym Bldg. Northeast storage room at mezzanine level	ND

µg = micrograms
ng/m^3 = nanograms/cubic meter
ND = results below detection limits

Surface Wipe Samples

Laboratory results for all forty-two (42) surface wipe samples collected during this sampling event were found to be below laboratory detection limits as well as EPA guidelines for PCBs. See Table 2.

Table 2 – Wipe Sampling Results

Sample Number	Location	PCB Results ($\mu g/100\ cm^2$)
41373.000.0014-WIPE-01	Tech Bldg. Welding room – floor center	ND

Sample Number	Location	PCB Results (µg/100 cm^2)
41373.000.0014-WIPE-02	Tech Bldg. Welding room - south windowsill	ND
41373.000.0014-WIPE-03	Tech Bldg. Woodshop east – center of tabletop	ND
41373.000.0014-WIPE-04	Tech Bldg. Woodshop east -center floor	ND
41373.000.0014-WIPE-05	Tech Bldg. Woodshop southeast – work bench top at south wall	ND
41373.000.0014-WIPE-06	Tech Bldg. Woodshop southeast – top of folding table	ND
41373.000.0014-WIPE-07	Tech Bldg. Woodshop west center – floor	ND
41373.000.0014-WIPE-08	Tech Bldg. Woodshop wet center – tabletop near bandsaw	ND
41373.000.0014-WIPE-09	Tech Bldg. Woodshop north – top of art supply cabinet	ND
41373.000.0014-WIPE-10	Tech Bldg. Woodshop north center - floor	ND
41373.000.0014-WIPE-11	Tech Bldg. Woodshop entry – stairs handrail	ND
41373.000.0014-WIPE-12	Tech Bldg. Woodshop entry - floor	ND
41373.000.0014-WIPE-13	Tech Bldg. Woodshop west storage room – top of cabinet at entry	ND
41373.000.0014-WIPE-14	Tech Bldg. Woodshop west storage room – floor at entry	ND
41373.000.0014-WIPE-15	Tech Bldg. Woodshop office – top of northeast bookshelf	ND
41373.000.0014-WIPE-16	Tech Bldg. Woodshop office – top of southeast desktop	ND
41373.000.0014-WIPE-17	Tech Bldg. Boy's bathroom entry – at ceramic tile floor	ND
41373.000.0014-WIPE-18	Tech Bldg. Boy's bathroom entry – at vinyl floor tile floor	ND
41373.000.0014-WIPE-19	Tech Bldg. Girl's bathroom – at ceramic tile floor center	ND
41373.000.0014-WIPE-20	Tech Bldg. Girl's bathroom – horizontal ceiling beam	ND

Sample Number	Location	PCB Results (µg/100 cm^2)
41373.000.0014-WIPE-21	Tech Bldg. Room 23 – center of room on carpet	ND
41373.000.0014-WIPE-22	Tech Bldg. Room 23 – south center tabletop	ND
41373.000.0014-WIPE-23	Tech Bldg. Art room – south wall on sill under chalkboard	ND
41373.000.0014-WIPE-24	Tech Bldg. Art room – south center classroom tabletop	ND
41373.000.0014-WIPE-25	Tech Bldg. Art room – north center floor	ND
41373.000.0014-WIPE-26	Tech Bldg. Art room – north wall cabinet top	ND
41373.000.0014-WIPE-27	Tech Bldg. Northwest art room storage room – top of center cabinet	ND
41373.000.0014-WIPE-28	Tech Bldg. Northwest art room storage room - floor	ND
41373.000.0014-WIPE-29	Admin Bldg. Staff room – center tabletop	ND
41373.000.0014-WIPE-30	Admin Bldg. Staff room – carpet floor near	ND
41373.000.0014-WIPE-31	Admin Bldg. Copier room – center tabletop	ND
41373.000.0014-WIPE-32	Admin Bldg. Copier room – west floor	ND
41373.000.0014-WIPE-33	Admin Bldg. Men's restroom – carpet floor at entry	ND
41373.000.0014-WIPE-34	Admin Bldg. Men's restroom – ceramic tile floor at entry	ND
41373.000.0014-WIPE-35	Annex Bldg. North storage room between Room A and Room C - countertop	ND
41373.000.0014-WIPE-36	Annex Bldg. North storage room between Room A and Room C - floor	ND
41373.000.0014-WIPE-37	Gym Bldg. Snack bar display case – floor of display case	ND
41373.000.0014-WIPE-38	Gym Bldg. Snack bar display case – floor just outside display case	ND
41373.000.0014-WIPE-39	Small Gym Bldg. Northeast storage room – mezzanine stairs railing at top of stairs	ND

Sample Number	Location	PCB Results (µg/100 cm^2)
41373.000.0014-WIPE-40	Small Gym Bldg. Northeast storage room – mezzanine at top of stairs floor	ND
41373.000.0014-WIPE-41	Large Gym Bldg. South storage room – floor center	ND
41373.000.0014-WIPE-42	Large Gym Bldg. South storage room – top of north electrical box	ND

µg/ cm^2 = micrograms/100 square centimeters
ND = results below detection limits

CONCLUSIONS

Based on laboratory results of air and surface sampling, no detectable PCB contamination was found to be present in surrounding air or on surfaces.

Please do not hesitate to contact me if you have any questions regarding this letter report or require additional information.

Sincerely,

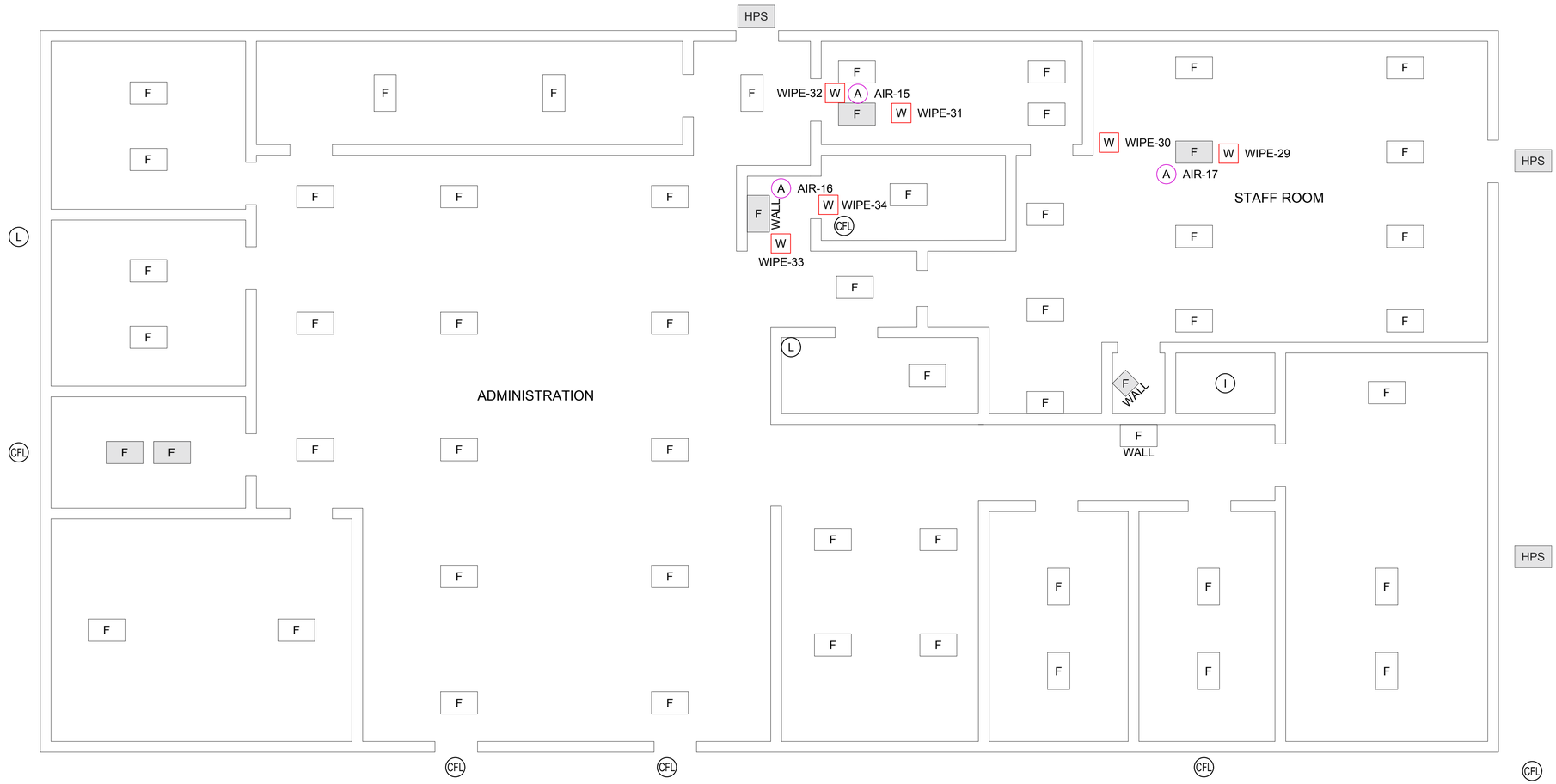
PBS Engineering and Environmental, Inc.

Digitally signed by Justin H. Day

Justin H. Day
Industrial Hygiene Technican

Reviewed by:
GM

Attachments: Sample location Diagrams
Air Sample Laboratory Report
Surface Wipe Sample Laboratory Report



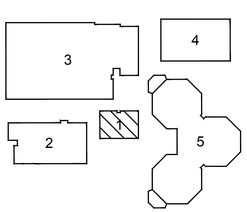
ABOVE SIGN

ADMINISTRATION BUILDING

NOT TO SCALE

LEGEND

F	FLUORESCENT LIGHT (ELECTRONIC BALLAST - NO EVIDENCE OF FAILURE)
F	FLUORESCENT LIGHT FIXTURE (SUSPECT OILY/ SMOKE RESIDUE IN HOUSING)
CFL	COMPACT FLUORESCENT LIGHT
F	FLUORESCENT LIGHT (MAGNETIC BALLAST- NO EVIDENCE OF FAILURE)
L	LED LIGHT
HPS	HIGH PRESSURE SODIUM LIGHT (SIGNS OF FAILURE)
I	INCANDESCENT
W WIPE-01	LOCATION OF PCB SURFACE WIPE SAMPLE
A AIR-01	LOCATION OF PCB AIR SAMPLE



KEY PLAN

NOT TO SCALE

PBS Engineering and Environmental Inc.
214 E Galer Street, Ste 300
Seattle, WA 98102
206.233.9639
pbsusa.com

MONROE SCHOOL DISTRICT

AIR AND SURFACE PCB SAMPLING DIAGRAM
SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET, MONROE, WASHINGTON

NO	REVISION	DATE	BY	APPD

DRAWN BY: JHD
CHECKED: KS
DATE: APRIL 2020
PROJECT NUMBER: 41373.000.0014
SHEET DRAWING NO: SD1

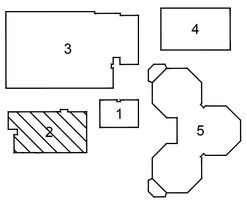
FULL SIZE SHEET FORMAT IS 22X34; IF PRINTED SIZE IS NOT 22X34, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Filename: L:\Projects\41000\41373.Monroe SD\41373.000.Sky Valley Education Center\41373.000.Sky Valley IAQ\Task 14 PCB Air and Surface Sampling\CAD\41373.000_Fig_1-5.dwg Layout Tab: BUILDING 1 - ADMIN User: Justin H. Day CAD Plot Date/Time: 3/30/2020 2:23:39 PM



LEGEND

F	FLUORESCENT LIGHT (ELECTRONIC BALLAST - NO EVIDENCE OF FAILURE)
F	FLUORESCENT LIGHT (MAGNETIC BALLAST- NO EVIDENCE OF FAILURE)
CFL	COMPACT FLUORESCENT LIGHT
L	LED LIGHT
	ATTIC SPACE ABOVE
W WIPE-01	LOCATION OF PCB SURFACE WIPE SAMPLE
A AIR-01	LOCATION OF PCB AIR SAMPLE



KEY PLAN
NOT TO SCALE

PBS Engineering and Environmental Inc.
214 E Galer Street, Ste 300
Seattle, WA 98102
206.233.9639
pbsusa.com

MONROE SCHOOL DISTRICT

AIR AND SURFACE PCB SAMPLING DIAGRAM

SKY VALLEY EDUCATIONAL CENTER

351 SHORT COLUMBIA STREET, MONROE, WASHINGTON

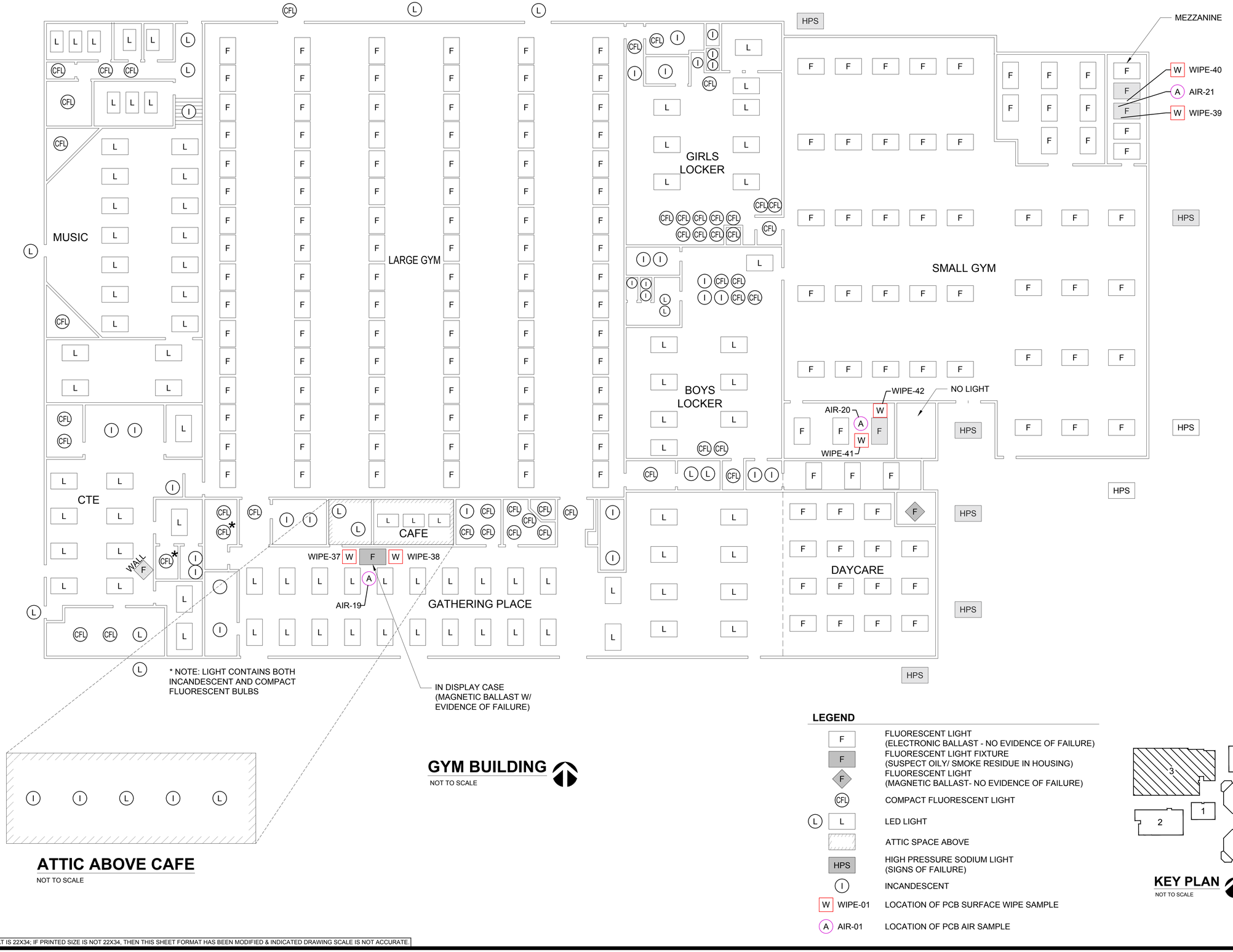
NO	REVISION	DATE	BY	APPD

DRAWN BY: JHD
CHECKED: KS
DATE: APRIL 2020
PROJECT NUMBER: 41373.000.0014
SHEET DRAWING NO:

SD2

Filename: L:\Projects\41000\41373 Monroe SD\41373.000 Sky Valley Education Center\41373.000 Sky Valley IAQ\Task 14 PCB Air and Surface Sampling\CAD\41373.000_Fig_1-5.dwg Layout Tab: BUILDING 2 - ANNEX BUILDING User: Justin H. Day CAD Plot Date/Time: 3/30/2020 2:25:27 PM

FULL SIZE SHEET FORMAT IS 22X34; IF PRINTED SIZE IS NOT 22X34, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.



GYM BUILDING
NOT TO SCALE

ATTIC ABOVE CAFE
NOT TO SCALE

LEGEND

F	FLUORESCENT LIGHT (ELECTRONIC BALLAST - NO EVIDENCE OF FAILURE)
F	FLUORESCENT LIGHT FIXTURE (SUSPECT OILY/ SMOKE RESIDUE IN HOUSING)
F	FLUORESCENT LIGHT (MAGNETIC BALLAST- NO EVIDENCE OF FAILURE)
CFL	COMPACT FLUORESCENT LIGHT
L	LED LIGHT
	ATTIC SPACE ABOVE
HPS	HIGH PRESSURE SODIUM LIGHT (SIGNS OF FAILURE)
I	INCANDESCENT
W WIPE-01	LOCATION OF PCB SURFACE WIPE SAMPLE
A AIR-01	LOCATION OF PCB AIR SAMPLE

KEY PLAN
NOT TO SCALE

PBS Engineering and Environmental Inc.
214 E Galer Street, Ste 300
Seattle, WA 98102
206.233.9639
pbsusa.com

PBS

MONROE SCHOOL DISTRICT

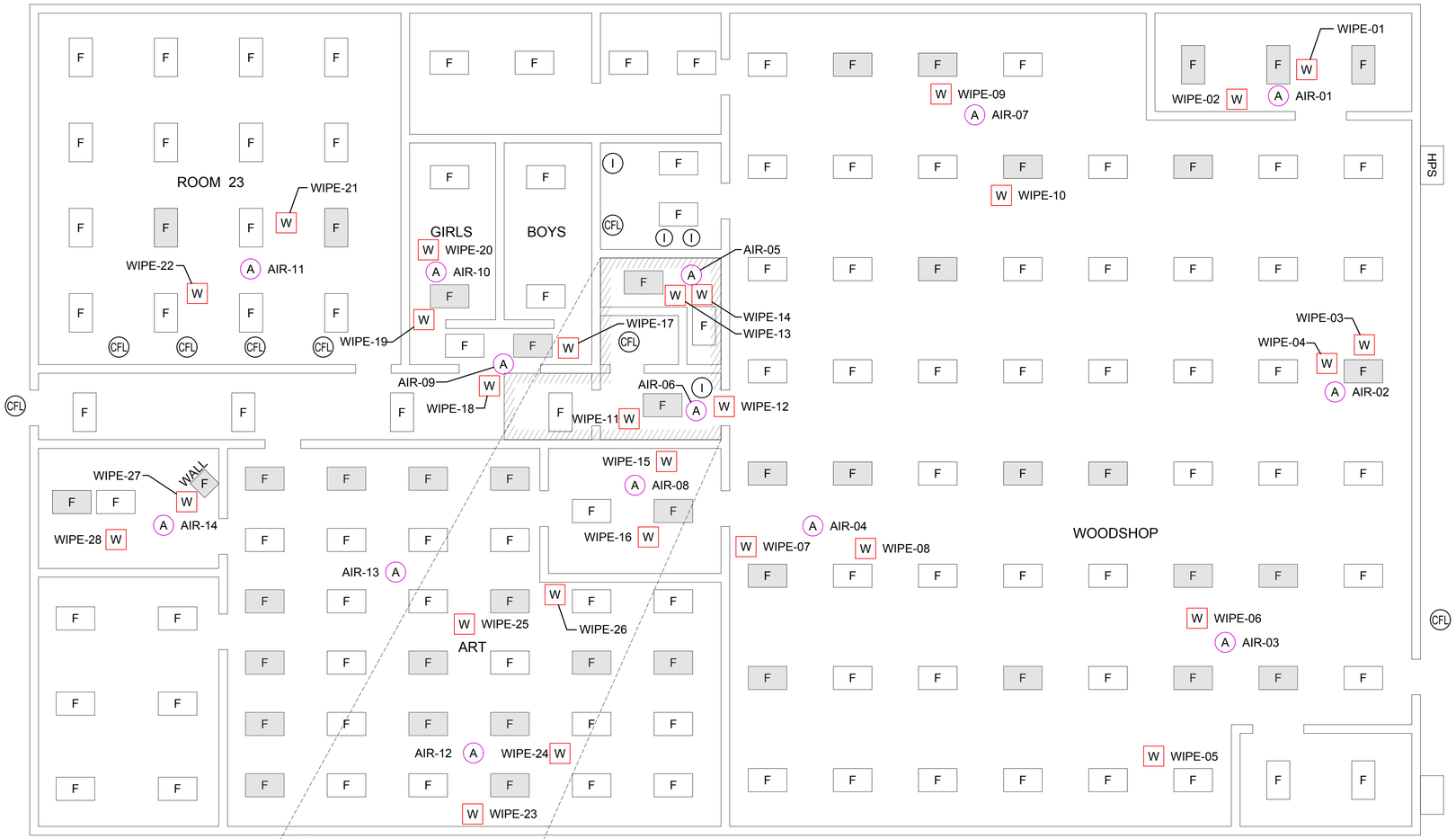
AIR AND SURFACE PCB SAMPLING DIAGRAM
SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET, MONROE, WASHINGTON

NO	REVISION	DATE	BY	APPD

DRAWN BY: JHD
CHECKED: KS
DATE: APRIL 2020
PROJECT NUMBER: 41373.000.0014
SHEET DRAWING NO: SD3

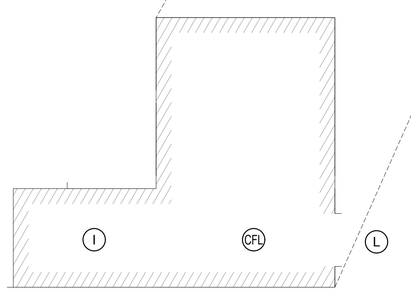
FULL SIZE SHEET FORMAT IS 22X34; IF PRINTED SIZE IS NOT 22X34, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Filename: L:\Projects\41000\41373 Monroe SD\41373.000 Sky Valley Education Center\41373.000 Sky Valley IAQ\Task 14 PCB Air and Surface Sampling\CAD\41373.000_Fig_1-5.dwg Layout Tab: BUILDING 3 - GYM BUILDING User: Justin H. Day CAD Plot Date/Time: 3/30/2020 2:27:30 PM



TECHNOLOGY BUILDING

NOT TO SCALE

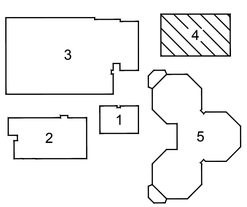


HVAC SPACE

NOT TO SCALE

LEGEND

F	FLUORESCENT LIGHT (ELECTRONIC BALLAST - NO EVIDENCE OF FAILURE)
F	FLUORESCENT LIGHT FIXTURE (SUSPECT OILY/ SMOKE RESIDUE IN HOUSING)
CFL	COMPACT FLUORESCENT LIGHT
F	FLUORESCENT LIGHT (MAGNETIC BALLAST- NO EVIDENCE OF FAILURE)
L L	LED LIGHT
	ATTIC SPACE ABOVE
HPS	HIGH PRESSURE SODIUM LIGHT
I	INCANDESCENT
W WIPE-01	LOCATION OF PCB SURFACE WIPE SAMPLE
A AIR-01	LOCATION OF PCB AIR SAMPLE



KEY PLAN

NOT TO SCALE

FULL SIZE SHEET FORMAT IS 22X34; IF PRINTED SIZE IS NOT 22X34, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

PBS Engineering and Environmental Inc.
214 E Galer Street, Ste 300
Seattle, WA 98102
206.233.9639
pbsusa.com

MONROE SCHOOL DISTRICT

AIR AND SURFACE PCB SAMPLING DIAGRAM
SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET, MONROE, WASHINGTON

NO	REVISION	DATE	BY	APPD

DRAWN BY: JHD
CHECKED: KS
DATE: APRIM 2020
PROJECT NUMBER: 41373.000.0014
SHEET DRAWING NO: SD4

Filename: L:\Projects\41000\41373.Monroe SD\41373.000.Sky Valley Education Center\41373.000 Sky Valley IAQ\Task 14 PCB Air and Surface Sampling\CAD\41373.000_Fig_1-5.dwg Layout Tab: BUILDING 4 - TECHNOLOGY BUILDING User: Justin H. Day CAD Plot Date/Time: 3/30/2020 2:33:33 PM

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-59885-1
Client Project/Site: Sky Valley Education Center

For:
PBS Engineering and Environmental
214 E. Galer Street, Suite 300
Seattle, Washington 98102

Attn: Gregg Middaugh

Authorized for release by:
4/9/2020 10:37:51 AM

Lee Ann Heathcote, Project Manager II
(916)374-4333
leeann.heathcote@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 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.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 7
Surrogate Summary 16
QC Sample Results 17
QC Association Summary 19
Lab Chronicle 22
Certification Summary 27
Method Summary 28
Sample Summary 29
Chain of Custody 30
Receipt Checklists 33

Definitions/Glossary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Qualifiers

Air - GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate recovery exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 320-59885-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative
320-59885-1

Receipt
The samples were received on 3/31/2020 9:43 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 22.4º C.

Receipt Exceptions
All samples were received at the laboratory outside the required temperature criteria of between 0 and 6º C. There was one small gel pack wrapped in bubble wrap in the cooler with the samples.

The container labels for all samples did not match the information listed on the Chain-of-Custody (COC). Each container had a piece of orange tape with a number on it rather than the full ID listed on the COC. The Field Blank samples were labeled "Blank#1", "Blank #2", etc., while COC listed "FIELD BLANK 1", "FIELD BLANK 2", etc. None of the containers listed sampling date and time. The lab was able to match the containers to the COC, and all samples were logged in and labeled according to COC.

GC Semi VOA
Method TO-10A: The continuing calibration verification (CCV) associated with batch 320-369887 recovered above the upper control limit for PCB-1260 and DCB Decachlorobiphenyl. The samples associated with this CCV were non-detects for all target analytes; therefore, the data have been reported.

Method TO-10A: Surrogate recovery for the following sample was outside control limits: 41373.000.0014-3/26/2020-AIR-19 (320-59885-19). Evidence of matrix interference is present; therefore, re-extraction and re-analysis was not performed.

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

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

Detection Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: 41373.000.0014-3/25/2020-AIR-01 **Lab Sample ID: 320-59885-1**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-02 **Lab Sample ID: 320-59885-2**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-03 **Lab Sample ID: 320-59885-3**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-04 **Lab Sample ID: 320-59885-4**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-05 **Lab Sample ID: 320-59885-5**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-06 **Lab Sample ID: 320-59885-6**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-07 **Lab Sample ID: 320-59885-7**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-08 **Lab Sample ID: 320-59885-8**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-09 **Lab Sample ID: 320-59885-9**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-10 **Lab Sample ID: 320-59885-10**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-11 **Lab Sample ID: 320-59885-11**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-12 **Lab Sample ID: 320-59885-12**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-13 **Lab Sample ID: 320-59885-13**

No Detections.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-14 **Lab Sample ID: 320-59885-14**

No Detections.

Client Sample ID: 41373.000.0014-3/26/2020-AIR-15 **Lab Sample ID: 320-59885-15**

No Detections.

Client Sample ID: 41373.000.0014-3/26/2020-AIR-16 **Lab Sample ID: 320-59885-16**

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: 41373.000.0014-3/26/2020-AIR-17 **Lab Sample ID: 320-59885-17**

No Detections.

Client Sample ID: 41373.000.0014-3/26/2020-AIR-18 **Lab Sample ID: 320-59885-18**

No Detections.

Client Sample ID: 41373.000.0014-3/26/2020-AIR-19 **Lab Sample ID: 320-59885-19**

No Detections.

Client Sample ID: 41373.000.0014-3/26/2020-AIR-20 **Lab Sample ID: 320-59885-20**

No Detections.

Client Sample ID: 41373.000.0014-3/26/2020-AIR-21 **Lab Sample ID: 320-59885-21**

No Detections.

Client Sample ID: FIELD BLANK 1 **Lab Sample ID: 320-59885-22**

No Detections.

Client Sample ID: FIELD BLANK 2 **Lab Sample ID: 320-59885-23**

No Detections.

Client Sample ID: FIELD BLANK 3 **Lab Sample ID: 320-59885-24**

No Detections.

Client Sample ID: FIELD BLANK 4 **Lab Sample ID: 320-59885-25**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 41373.000.0014-3/25/2020-AIR-01

Lab Sample ID: 320-59885-1
Matrix: Air
Date Collected: 03/25/20 14:43
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:25	1
PCB-1221	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:25	1
PCB-1232	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:25	1
PCB-1242	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:25	1
PCB-1248	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:25	1
PCB-1254	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:25	1
PCB-1260	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 120*	*04/01/20 09:14*	*04/03/20 14:25*	*1*
DCB Decachlorobiphenyl	*96*		*60 - 120*	*04/01/20 09:14*	*04/03/20 14:25*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-02

Lab Sample ID: 320-59885-2
Matrix: Air
Date Collected: 03/25/20 14:46
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:46	1
PCB-1221	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:46	1
PCB-1232	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:46	1
PCB-1242	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:46	1
PCB-1248	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:46	1
PCB-1254	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:46	1
PCB-1260	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 120*	*04/01/20 09:14*	*04/03/20 14:46*	*1*
DCB Decachlorobiphenyl	*98*		*60 - 120*	*04/01/20 09:14*	*04/03/20 14:46*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-03

Lab Sample ID: 320-59885-3
Matrix: Air
Date Collected: 03/25/20 14:49
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:06	1
PCB-1221	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:06	1
PCB-1232	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:06	1
PCB-1242	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:06	1
PCB-1248	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:06	1
PCB-1254	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:06	1
PCB-1260	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 120*	*04/01/20 09:14*	*04/03/20 15:06*	*1*
DCB Decachlorobiphenyl	*90*		*60 - 120*	*04/01/20 09:14*	*04/03/20 15:06*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-04

Lab Sample ID: 320-59885-4

Date Collected: 03/25/20 14:55
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 15:27	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 15:27	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 15:27	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 15:27	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 15:27	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 15:27	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*60 - 120*	*04/01/20 09:14*	*04/03/20 15:27*	*1*
DCB Decachlorobiphenyl	*101*		*60 - 120*	*04/01/20 09:14*	*04/03/20 15:27*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-05

Lab Sample ID: 320-59885-5

Date Collected: 03/25/20 14:55
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:47	1
PCB-1221	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:47	1
PCB-1232	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:47	1
PCB-1242	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:47	1
PCB-1248	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:47	1
PCB-1254	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:47	1
PCB-1260	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*60 - 120*	*04/01/20 09:14*	*04/03/20 15:47*	*1*
DCB Decachlorobiphenyl	*104*		*60 - 120*	*04/01/20 09:14*	*04/03/20 15:47*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-06

Lab Sample ID: 320-59885-6

Date Collected: 03/25/20 14:57
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 16:49	1
PCB-1221	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 16:49	1
PCB-1232	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 16:49	1
PCB-1242	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 16:49	1
PCB-1248	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 16:49	1
PCB-1254	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 16:49	1
PCB-1260	ND		360		ng/m3 PUF		04/01/20 09:14	04/03/20 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 120*	*04/01/20 09:14*	*04/03/20 16:49*	*1*
DCB Decachlorobiphenyl	*106*		*60 - 120*	*04/01/20 09:14*	*04/03/20 16:49*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-07

Lab Sample ID: 320-59885-7

Date Collected: 03/25/20 15:03
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:10	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:10	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:10	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:10	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:10	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:10	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*60 - 120*	*04/01/20 09:14*	*04/03/20 17:10*	*1*
DCB Decachlorobiphenyl	*106*		*60 - 120*	*04/01/20 09:14*	*04/03/20 17:10*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-08

Lab Sample ID: 320-59885-8

Date Collected: 03/25/20 15:05
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:30	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:30	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:30	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:30	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:30	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:30	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*109*		*60 - 120*	*04/01/20 09:14*	*04/03/20 17:30*	*1*
DCB Decachlorobiphenyl	*102*		*60 - 120*	*04/01/20 09:14*	*04/03/20 17:30*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-09

Lab Sample ID: 320-59885-9

Date Collected: 03/25/20 15:10
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:51	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:51	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:51	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:51	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:51	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:51	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 120*	*04/01/20 09:14*	*04/03/20 17:51*	*1*
DCB Decachlorobiphenyl	*99*		*60 - 120*	*04/01/20 09:14*	*04/03/20 17:51*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-10

Lab Sample ID: 320-59885-10
Matrix: Air
Date Collected: 03/25/20 15:11
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:11	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:11	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:11	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:11	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:11	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:11	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 120*	*04/01/20 09:14*	*04/03/20 18:11*	*1*
DCB Decachlorobiphenyl	*97*		*60 - 120*	*04/01/20 09:14*	*04/03/20 18:11*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-11

Lab Sample ID: 320-59885-11
Matrix: Air
Date Collected: 03/25/20 15:15
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:32	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:32	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:32	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:32	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:32	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:32	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*115*		*60 - 120*	*04/01/20 09:14*	*04/03/20 18:32*	*1*
DCB Decachlorobiphenyl	*109*		*60 - 120*	*04/01/20 09:14*	*04/03/20 18:32*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-12

Lab Sample ID: 320-59885-12
Matrix: Air
Date Collected: 03/25/20 15:19
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:52	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:52	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:52	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:52	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:52	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:52	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*60 - 120*	*04/01/20 09:14*	*04/03/20 18:52*	*1*
DCB Decachlorobiphenyl	*105*		*60 - 120*	*04/01/20 09:14*	*04/03/20 18:52*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-13

Lab Sample ID: 320-59885-13

Date Collected: 03/25/20 15:20
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:13	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:13	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:13	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:13	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:13	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:13	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*113*		*60 - 120*	*04/01/20 09:14*	*04/03/20 19:13*	*1*
DCB Decachlorobiphenyl	*104*		*60 - 120*	*04/01/20 09:14*	*04/03/20 19:13*	*1*

Client Sample ID: 41373.000.0014-3/25/2020-AIR-14

Lab Sample ID: 320-59885-14

Date Collected: 03/25/20 15:20
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:33	1
PCB-1221	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:33	1
PCB-1232	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:33	1
PCB-1242	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:33	1
PCB-1248	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:33	1
PCB-1254	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:33	1
PCB-1260	ND		350		ng/m3 PUF		04/01/20 09:14	04/03/20 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*113*		*60 - 120*	*04/01/20 09:14*	*04/03/20 19:33*	*1*
DCB Decachlorobiphenyl	*102*		*60 - 120*	*04/01/20 09:14*	*04/03/20 19:33*	*1*

Client Sample ID: 41373.000.0014-3/26/2020-AIR-15

Lab Sample ID: 320-59885-15

Date Collected: 03/26/20 13:35
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:35	1
PCB-1221	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:35	1
PCB-1232	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:35	1
PCB-1242	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:35	1
PCB-1248	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:35	1
PCB-1254	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:35	1
PCB-1260	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*		*60 - 120*	*04/02/20 08:03*	*04/03/20 20:35*	*1*
DCB Decachlorobiphenyl	*97*		*60 - 120*	*04/02/20 08:03*	*04/03/20 20:35*	*1*

Client Sample ID: 41373.000.0014-3/26/2020-AIR-16

Lab Sample ID: 320-59885-16

Date Collected: 03/26/20 13:38
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:55	1
PCB-1221	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:55	1
PCB-1232	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:55	1
PCB-1242	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:55	1
PCB-1248	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:55	1
PCB-1254	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:55	1
PCB-1260	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*60 - 120*	*04/02/20 08:03*	*04/03/20 20:55*	*1*
DCB Decachlorobiphenyl	*100*		*60 - 120*	*04/02/20 08:03*	*04/03/20 20:55*	*1*

Client Sample ID: 41373.000.0014-3/26/2020-AIR-17

Lab Sample ID: 320-59885-17

Date Collected: 03/26/20 13:40
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 21:16	1
PCB-1221	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 21:16	1
PCB-1232	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 21:16	1
PCB-1242	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 21:16	1
PCB-1248	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 21:16	1
PCB-1254	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 21:16	1
PCB-1260	ND		360		ng/m3 PUF		04/02/20 08:03	04/03/20 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 120*	*04/02/20 08:03*	*04/03/20 21:16*	*1*
DCB Decachlorobiphenyl	*97*		*60 - 120*	*04/02/20 08:03*	*04/03/20 21:16*	*1*

Client Sample ID: 41373.000.0014-3/26/2020-AIR-18

Lab Sample ID: 320-59885-18

Date Collected: 03/26/20 13:58
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:37	1
PCB-1221	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:37	1
PCB-1232	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:37	1
PCB-1242	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:37	1
PCB-1248	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:37	1
PCB-1254	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:37	1
PCB-1260	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*60 - 120*	*04/02/20 08:03*	*04/03/20 21:37*	*1*
DCB Decachlorobiphenyl	*97*		*60 - 120*	*04/02/20 08:03*	*04/03/20 21:37*	*1*

Client Sample ID: 41373.000.0014-3/26/2020-AIR-19

Lab Sample ID: 320-59885-19

Date Collected: 03/26/20 14:10
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:57	1
PCB-1221	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:57	1
PCB-1232	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:57	1
PCB-1242	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:57	1
PCB-1248	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:57	1
PCB-1254	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:57	1
PCB-1260	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*54*	*X*	*60 - 120*	*04/02/20 08:03*	*04/03/20 21:57*	*1*
DCB Decachlorobiphenyl	*52*	*X*	*60 - 120*	*04/02/20 08:03*	*04/03/20 21:57*	*1*

Client Sample ID: 41373.000.0014-3/26/2020-AIR-20

Lab Sample ID: 320-59885-20

Date Collected: 03/26/20 14:13
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:18	1
PCB-1221	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:18	1
PCB-1232	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:18	1
PCB-1242	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:18	1
PCB-1248	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:18	1
PCB-1254	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:18	1
PCB-1260	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 120*	*04/02/20 08:03*	*04/03/20 22:18*	*1*
DCB Decachlorobiphenyl	*94*		*60 - 120*	*04/02/20 08:03*	*04/03/20 22:18*	*1*

Client Sample ID: 41373.000.0014-3/26/2020-AIR-21

Lab Sample ID: 320-59885-21

Date Collected: 03/26/20 14:16
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:38	1
PCB-1221	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:38	1
PCB-1232	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:38	1
PCB-1242	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:38	1
PCB-1248	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:38	1
PCB-1254	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:38	1
PCB-1260	ND		350		ng/m3 PUF		04/02/20 08:03	04/03/20 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*60 - 120*	*04/02/20 08:03*	*04/03/20 22:38*	*1*
DCB Decachlorobiphenyl	*106*		*60 - 120*	*04/02/20 08:03*	*04/03/20 22:38*	*1*

Client Sample ID: FIELD BLANK 1

Lab Sample ID: 320-59885-22
Matrix: Air
Date Collected: 03/25/20 00:00
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 19:54	1
PCB-1221	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 19:54	1
PCB-1232	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 19:54	1
PCB-1242	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 19:54	1
PCB-1248	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 19:54	1
PCB-1254	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 19:54	1
PCB-1260	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*		*60 - 120*	*04/01/20 09:14*	*04/03/20 19:54*	*1*
DCB Decachlorobiphenyl	*107*		*60 - 120*	*04/01/20 09:14*	*04/03/20 19:54*	*1*

Client Sample ID: FIELD BLANK 2

Lab Sample ID: 320-59885-23
Matrix: Air
Date Collected: 03/25/20 00:00
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 20:14	1
PCB-1221	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 20:14	1
PCB-1232	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 20:14	1
PCB-1242	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 20:14	1
PCB-1248	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 20:14	1
PCB-1254	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 20:14	1
PCB-1260	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*109*		*60 - 120*	*04/01/20 09:14*	*04/03/20 20:14*	*1*
DCB Decachlorobiphenyl	*108*		*60 - 120*	*04/01/20 09:14*	*04/03/20 20:14*	*1*

Client Sample ID: FIELD BLANK 3

Lab Sample ID: 320-59885-24
Matrix: Air
Date Collected: 03/26/20 00:00
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 22:59	1
PCB-1221	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 22:59	1
PCB-1232	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 22:59	1
PCB-1242	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 22:59	1
PCB-1248	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 22:59	1
PCB-1254	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 22:59	1
PCB-1260	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*60 - 120*	*04/02/20 08:03*	*04/03/20 22:59*	*1*
DCB Decachlorobiphenyl	*106*		*60 - 120*	*04/02/20 08:03*	*04/03/20 22:59*	*1*

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: FIELD BLANK 4

Lab Sample ID: 320-59885-25

Date Collected: 03/26/20 00:00
Matrix: Air
Date Received: 03/31/20 09:43
Sample Container: PUF

Method: TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 23:19	1
PCB-1221	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 23:19	1
PCB-1232	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 23:19	1
PCB-1242	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 23:19	1
PCB-1248	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 23:19	1
PCB-1254	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 23:19	1
PCB-1260	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*		*60 - 120*	*04/02/20 08:03*	*04/03/20 23:19*	*1*
DCB Decachlorobiphenyl	*104*		*60 - 120*	*04/02/20 08:03*	*04/03/20 23:19*	*1*

Surrogate Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Method: TO-10A - PCBs in Ambient Air

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (60-120)	DCBP1 (60-120)
320-59885-1	41373.000.0014-3/25/2020-AIR-	102	96
320-59885-2	41373.000.0014-3/25/2020-AIR-02	103	98
320-59885-3	41373.000.0014-3/25/2020-AIR-03	99	90
320-59885-4	41373.000.0014-3/25/2020-AIR-04	107	101
320-59885-5	41373.000.0014-3/25/2020-AIR-05	108	104
320-59885-6	41373.000.0014-3/25/2020-AIR-06	106	106
320-59885-7	41373.000.0014-3/25/2020-AIR-07	105	106
320-59885-8	41373.000.0014-3/25/2020-AIR-08	109	102
320-59885-9	41373.000.0014-3/25/2020-AIR-09	103	99
320-59885-10	41373.000.0014-3/25/2020-AIR-10	102	97
320-59885-11	41373.000.0014-3/25/2020-AIR-11	115	109
320-59885-12	41373.000.0014-3/25/2020-AIR-12	107	105
320-59885-13	41373.000.0014-3/25/2020-AIR-13	113	104
320-59885-14	41373.000.0014-3/25/2020-AIR-14	113	102
320-59885-15	41373.000.0014-3/26/2020-AIR-15	110	97
320-59885-16	41373.000.0014-3/26/2020-AIR-16	112	100
320-59885-17	41373.000.0014-3/26/2020-AIR-17	106	97
320-59885-18	41373.000.0014-3/26/2020-AIR-18	101	97
320-59885-19	41373.000.0014-3/26/2020-AIR-19	54 X	52 X
320-59885-20	41373.000.0014-3/26/2020-AIR-20	103	94
320-59885-21	41373.000.0014-3/26/2020-AIR-21	112	106
320-59885-22	FIELD BLANK 1	110	107
320-59885-23	FIELD BLANK 2	109	108
320-59885-24	FIELD BLANK 3	108	106
320-59885-25	FIELD BLANK 4	110	104
LCS 320-369159/2-B	Lab Control Sample	104	92
LCS 320-369427/2-B	Lab Control Sample	111	109
LCSD 320-369159/3-B	Lab Control Sample Dup	102	93
LCSD 320-369427/3-B	Lab Control Sample Dup	98	91
MB 320-369159/1-B	Method Blank	109	107
MB 320-369427/1-B	Method Blank	109	102

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: TO-10A - PCBs in Ambient Air

Lab Sample ID: MB 320-369159/1-B
Matrix: Air
Analysis Batch: 369887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369160

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 12:22	1
PCB-1221	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 12:22	1
PCB-1232	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 12:22	1
PCB-1242	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 12:22	1
PCB-1248	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 12:22	1
PCB-1254	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 12:22	1
PCB-1260	ND		750		ng/m3 PUF		04/01/20 09:14	04/03/20 12:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*109*		*60 - 120*	*04/01/20 09:14*	*04/03/20 12:22*	*1*
DCB Decachlorobiphenyl	*107*		*60 - 120*	*04/01/20 09:14*	*04/03/20 12:22*	*1*

Lab Sample ID: LCS 320-369159/2-B
Matrix: Air
Analysis Batch: 369887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369160

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2000	2070		ng/m3 PUF		103	65 - 125		
PCB-1260			2000	1900		ng/m3 PUF		95	65 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*104*		*60 - 120*
DCB Decachlorobiphenyl	*92*		*60 - 120*

Lab Sample ID: LCSD 320-369159/3-B
Matrix: Air
Analysis Batch: 369887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 369160

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			2000	2060		ng/m3 PUF		103	65 - 125	0	30
PCB-1260			2000	1940		ng/m3 PUF		97	65 - 125	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*102*		*60 - 120*
DCB Decachlorobiphenyl	*93*		*60 - 120*

Lab Sample ID: MB 320-369427/1-B
Matrix: Air
Analysis Batch: 369887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 13:24	1
PCB-1221	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 13:24	1
PCB-1232	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 13:24	1
PCB-1242	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 13:24	1
PCB-1248	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 13:24	1
PCB-1254	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 13:24	1
PCB-1260	ND		750		ng/m3 PUF		04/02/20 08:03	04/03/20 13:24	1

Method: TO-10A - PCBs in Ambient Air (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	109		60 - 120	04/02/20 08:03	04/03/20 13:24	1
DCB Decachlorobiphenyl	102		60 - 120	04/02/20 08:03	04/03/20 13:24	1

Lab Sample ID: LCS 320-369427/2-B
Matrix: Air
Analysis Batch: 369887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369429

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2000	2280		ng/m3 PUF		114	65 - 125		
PCB-1260			2000	2150		ng/m3 PUF		107	65 - 125		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	111		60 - 120
DCB Decachlorobiphenyl	109		60 - 120

Lab Sample ID: LCSD 320-369427/3-B
Matrix: Air
Analysis Batch: 369887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 369429

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			2000	2170		ng/m3 PUF		108	65 - 125	5	30
PCB-1260			2000	2050		ng/m3 PUF		102	65 - 125	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	98		60 - 120
DCB Decachlorobiphenyl	91		60 - 120

Air - GC Semi VOA

Pre Prep Batch: 369159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59885-1	41373.000.0014-3/25/2020-AIR-01	Total/NA	Air	PUF to Air	
320-59885-2	41373.000.0014-3/25/2020-AIR-02	Total/NA	Air	PUF to Air	
320-59885-3	41373.000.0014-3/25/2020-AIR-03	Total/NA	Air	PUF to Air	
320-59885-4	41373.000.0014-3/25/2020-AIR-04	Total/NA	Air	PUF to Air	
320-59885-5	41373.000.0014-3/25/2020-AIR-05	Total/NA	Air	PUF to Air	
320-59885-6	41373.000.0014-3/25/2020-AIR-06	Total/NA	Air	PUF to Air	
320-59885-7	41373.000.0014-3/25/2020-AIR-07	Total/NA	Air	PUF to Air	
320-59885-8	41373.000.0014-3/25/2020-AIR-08	Total/NA	Air	PUF to Air	
320-59885-9	41373.000.0014-3/25/2020-AIR-09	Total/NA	Air	PUF to Air	
320-59885-10	41373.000.0014-3/25/2020-AIR-10	Total/NA	Air	PUF to Air	
320-59885-11	41373.000.0014-3/25/2020-AIR-11	Total/NA	Air	PUF to Air	
320-59885-12	41373.000.0014-3/25/2020-AIR-12	Total/NA	Air	PUF to Air	
320-59885-13	41373.000.0014-3/25/2020-AIR-13	Total/NA	Air	PUF to Air	
320-59885-14	41373.000.0014-3/25/2020-AIR-14	Total/NA	Air	PUF to Air	
320-59885-22	FIELD BLANK 1	Total/NA	Air	PUF to Air	
320-59885-23	FIELD BLANK 2	Total/NA	Air	PUF to Air	
MB 320-369159/1-B	Method Blank	Total/NA	Air	PUF to Air	
LCS 320-369159/2-B	Lab Control Sample	Total/NA	Air	PUF to Air	
LCSD 320-369159/3-B	Lab Control Sample Dup	Total/NA	Air	PUF to Air	

Prep Batch: 369160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59885-1	41373.000.0014-3/25/2020-AIR-01	Total/NA	Air	TO-10	369159
320-59885-2	41373.000.0014-3/25/2020-AIR-02	Total/NA	Air	TO-10	369159
320-59885-3	41373.000.0014-3/25/2020-AIR-03	Total/NA	Air	TO-10	369159
320-59885-4	41373.000.0014-3/25/2020-AIR-04	Total/NA	Air	TO-10	369159
320-59885-5	41373.000.0014-3/25/2020-AIR-05	Total/NA	Air	TO-10	369159
320-59885-6	41373.000.0014-3/25/2020-AIR-06	Total/NA	Air	TO-10	369159
320-59885-7	41373.000.0014-3/25/2020-AIR-07	Total/NA	Air	TO-10	369159
320-59885-8	41373.000.0014-3/25/2020-AIR-08	Total/NA	Air	TO-10	369159
320-59885-9	41373.000.0014-3/25/2020-AIR-09	Total/NA	Air	TO-10	369159
320-59885-10	41373.000.0014-3/25/2020-AIR-10	Total/NA	Air	TO-10	369159
320-59885-11	41373.000.0014-3/25/2020-AIR-11	Total/NA	Air	TO-10	369159
320-59885-12	41373.000.0014-3/25/2020-AIR-12	Total/NA	Air	TO-10	369159
320-59885-13	41373.000.0014-3/25/2020-AIR-13	Total/NA	Air	TO-10	369159
320-59885-14	41373.000.0014-3/25/2020-AIR-14	Total/NA	Air	TO-10	369159
320-59885-22	FIELD BLANK 1	Total/NA	Air	TO-10	369159
320-59885-23	FIELD BLANK 2	Total/NA	Air	TO-10	369159
MB 320-369159/1-B	Method Blank	Total/NA	Air	TO-10	369159
LCS 320-369159/2-B	Lab Control Sample	Total/NA	Air	TO-10	369159
LCSD 320-369159/3-B	Lab Control Sample Dup	Total/NA	Air	TO-10	369159

Pre Prep Batch: 369427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59885-15	41373.000.0014-3/26/2020-AIR-15	Total/NA	Air	PUF to Air	
320-59885-16	41373.000.0014-3/26/2020-AIR-16	Total/NA	Air	PUF to Air	
320-59885-17	41373.000.0014-3/26/2020-AIR-17	Total/NA	Air	PUF to Air	
320-59885-18	41373.000.0014-3/26/2020-AIR-18	Total/NA	Air	PUF to Air	
320-59885-19	41373.000.0014-3/26/2020-AIR-19	Total/NA	Air	PUF to Air	
320-59885-20	41373.000.0014-3/26/2020-AIR-20	Total/NA	Air	PUF to Air	
320-59885-21	41373.000.0014-3/26/2020-AIR-21	Total/NA	Air	PUF to Air	

Air - GC Semi VOA (Continued)

Pre Prep Batch: 369427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59885-24	FIELD BLANK 3	Total/NA	Air	PUF to Air	
320-59885-25	FIELD BLANK 4	Total/NA	Air	PUF to Air	
MB 320-369427/1-B	Method Blank	Total/NA	Air	PUF to Air	
LCS 320-369427/2-B	Lab Control Sample	Total/NA	Air	PUF to Air	
LCSD 320-369427/3-B	Lab Control Sample Dup	Total/NA	Air	PUF to Air	

Prep Batch: 369429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59885-15	41373.000.0014-3/26/2020-AIR-15	Total/NA	Air	TO-10	369427
320-59885-16	41373.000.0014-3/26/2020-AIR-16	Total/NA	Air	TO-10	369427
320-59885-17	41373.000.0014-3/26/2020-AIR-17	Total/NA	Air	TO-10	369427
320-59885-18	41373.000.0014-3/26/2020-AIR-18	Total/NA	Air	TO-10	369427
320-59885-19	41373.000.0014-3/26/2020-AIR-19	Total/NA	Air	TO-10	369427
320-59885-20	41373.000.0014-3/26/2020-AIR-20	Total/NA	Air	TO-10	369427
320-59885-21	41373.000.0014-3/26/2020-AIR-21	Total/NA	Air	TO-10	369427
320-59885-24	FIELD BLANK 3	Total/NA	Air	TO-10	369427
320-59885-25	FIELD BLANK 4	Total/NA	Air	TO-10	369427
MB 320-369427/1-B	Method Blank	Total/NA	Air	TO-10	369427
LCS 320-369427/2-B	Lab Control Sample	Total/NA	Air	TO-10	369427
LCSD 320-369427/3-B	Lab Control Sample Dup	Total/NA	Air	TO-10	369427

Analysis Batch: 369887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59885-1	41373.000.0014-3/25/2020-AIR-01	Total/NA	Air	TO-10A	369160
320-59885-2	41373.000.0014-3/25/2020-AIR-02	Total/NA	Air	TO-10A	369160
320-59885-3	41373.000.0014-3/25/2020-AIR-03	Total/NA	Air	TO-10A	369160
320-59885-4	41373.000.0014-3/25/2020-AIR-04	Total/NA	Air	TO-10A	369160
320-59885-5	41373.000.0014-3/25/2020-AIR-05	Total/NA	Air	TO-10A	369160
320-59885-6	41373.000.0014-3/25/2020-AIR-06	Total/NA	Air	TO-10A	369160
320-59885-7	41373.000.0014-3/25/2020-AIR-07	Total/NA	Air	TO-10A	369160
320-59885-8	41373.000.0014-3/25/2020-AIR-08	Total/NA	Air	TO-10A	369160
320-59885-9	41373.000.0014-3/25/2020-AIR-09	Total/NA	Air	TO-10A	369160
320-59885-10	41373.000.0014-3/25/2020-AIR-10	Total/NA	Air	TO-10A	369160
320-59885-11	41373.000.0014-3/25/2020-AIR-11	Total/NA	Air	TO-10A	369160
320-59885-12	41373.000.0014-3/25/2020-AIR-12	Total/NA	Air	TO-10A	369160
320-59885-13	41373.000.0014-3/25/2020-AIR-13	Total/NA	Air	TO-10A	369160
320-59885-14	41373.000.0014-3/25/2020-AIR-14	Total/NA	Air	TO-10A	369160
320-59885-15	41373.000.0014-3/26/2020-AIR-15	Total/NA	Air	TO-10A	369429
320-59885-16	41373.000.0014-3/26/2020-AIR-16	Total/NA	Air	TO-10A	369429
320-59885-17	41373.000.0014-3/26/2020-AIR-17	Total/NA	Air	TO-10A	369429
320-59885-18	41373.000.0014-3/26/2020-AIR-18	Total/NA	Air	TO-10A	369429
320-59885-19	41373.000.0014-3/26/2020-AIR-19	Total/NA	Air	TO-10A	369429
320-59885-20	41373.000.0014-3/26/2020-AIR-20	Total/NA	Air	TO-10A	369429
320-59885-21	41373.000.0014-3/26/2020-AIR-21	Total/NA	Air	TO-10A	369429
320-59885-22	FIELD BLANK 1	Total/NA	Air	TO-10A	369160
320-59885-23	FIELD BLANK 2	Total/NA	Air	TO-10A	369160
320-59885-24	FIELD BLANK 3	Total/NA	Air	TO-10A	369429
320-59885-25	FIELD BLANK 4	Total/NA	Air	TO-10A	369429
MB 320-369159/1-B	Method Blank	Total/NA	Air	TO-10A	369160
MB 320-369427/1-B	Method Blank	Total/NA	Air	TO-10A	369429
LCS 320-369159/2-B	Lab Control Sample	Total/NA	Air	TO-10A	369160

Air - GC Semi VOA (Continued)

Analysis Batch: 369887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 320-369427/2-B	Lab Control Sample	Total/NA	Air	TO-10A	369429
LCSD 320-369159/3-B	Lab Control Sample Dup	Total/NA	Air	TO-10A	369160
LCSD 320-369427/3-B	Lab Control Sample Dup	Total/NA	Air	TO-10A	369429

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: 41373.000.0014-3/25/2020-AIR-01
Lab Sample ID: 320-59885-1
Date Collected: 03/25/20 14:43
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 14:25	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-02
Lab Sample ID: 320-59885-2
Date Collected: 03/25/20 14:46
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 14:46	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-03
Lab Sample ID: 320-59885-3
Date Collected: 03/25/20 14:49
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 15:06	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-04
Lab Sample ID: 320-59885-4
Date Collected: 03/25/20 14:55
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2115 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 15:27	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-05
Lab Sample ID: 320-59885-5
Date Collected: 03/25/20 14:55
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 15:47	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: 41373.000.0014-3/25/2020-AIR-06
Lab Sample ID: 320-59885-6
Date Collected: 03/25/20 14:57
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 16:49	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-07
Lab Sample ID: 320-59885-7
Date Collected: 03/25/20 15:03
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2120 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 17:10	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-08
Lab Sample ID: 320-59885-8
Date Collected: 03/25/20 15:05
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2115 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 17:30	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-09
Lab Sample ID: 320-59885-9
Date Collected: 03/25/20 15:10
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2125 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 17:51	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-10
Lab Sample ID: 320-59885-10
Date Collected: 03/25/20 15:11
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2120 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 18:11	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: 41373.000.0014-3/25/2020-AIR-11
Lab Sample ID: 320-59885-11
Date Collected: 03/25/20 15:15
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2130 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 18:32	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-12
Lab Sample ID: 320-59885-12
Date Collected: 03/25/20 15:19
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2140 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 18:52	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-13
Lab Sample ID: 320-59885-13
Date Collected: 03/25/20 15:20
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2130 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 19:13	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/25/2020-AIR-14
Lab Sample ID: 320-59885-14
Date Collected: 03/25/20 15:20
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			2115 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 19:33	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/26/2020-AIR-15
Lab Sample ID: 320-59885-15
Date Collected: 03/26/20 13:35
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 20:35	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: 41373.000.0014-3/26/2020-AIR-16
Lab Sample ID: 320-59885-16
Date Collected: 03/26/20 13:38
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 20:55	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/26/2020-AIR-17
Lab Sample ID: 320-59885-17
Date Collected: 03/26/20 13:40
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			2100 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 21:16	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/26/2020-AIR-18
Lab Sample ID: 320-59885-18
Date Collected: 03/26/20 13:58
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			2155 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 21:37	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/26/2020-AIR-19
Lab Sample ID: 320-59885-19
Date Collected: 03/26/20 14:10
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			2165 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 21:57	K1D	TAL SAC

Client Sample ID: 41373.000.0014-3/26/2020-AIR-20
Lab Sample ID: 320-59885-20
Date Collected: 03/26/20 14:13
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			2130 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 22:18	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Client Sample ID: 41373.000.0014-3/26/2020-AIR-21

Lab Sample ID: 320-59885-21

Date Collected: 03/26/20 14:16
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			2135 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 22:38	K1D	TAL SAC

Client Sample ID: FIELD BLANK 1

Lab Sample ID: 320-59885-22

Date Collected: 03/25/20 00:00
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			1000 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 19:54	K1D	TAL SAC

Client Sample ID: FIELD BLANK 2

Lab Sample ID: 320-59885-23

Date Collected: 03/25/20 00:00
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369159	04/01/20 09:10	CCL	TAL SAC
Total/NA	Prep	TO-10			1000 L	10 mL	369160	04/01/20 09:14	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 20:14	K1D	TAL SAC

Client Sample ID: FIELD BLANK 3

Lab Sample ID: 320-59885-24

Date Collected: 03/26/20 00:00
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			1000 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 22:59	K1D	TAL SAC

Client Sample ID: FIELD BLANK 4

Lab Sample ID: 320-59885-25

Date Collected: 03/26/20 00:00
Matrix: Air
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	PUF to Air					369427	04/02/20 08:01	CCL	TAL SAC
Total/NA	Prep	TO-10			1000 L	10 mL	369429	04/02/20 08:03	CCL	TAL SAC
Total/NA	Analysis	TO-10A		1			369887	04/03/20 23:19	K1D	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: PBS Engineering and Environmental
Job ID: 320-59885-1
Project/Site: Sky Valley Education Center

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

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
TO-10A	TO-10	Air	PCB-1016
TO-10A	TO-10	Air	PCB-1221
TO-10A	TO-10	Air	PCB-1232
TO-10A	TO-10	Air	PCB-1242
TO-10A	TO-10	Air	PCB-1248
TO-10A	TO-10	Air	PCB-1254
TO-10A	TO-10	Air	PCB-1260

Oregon	NELAP	4040	04-07-20
Washington	State	C581	05-05-20

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
TO-10A	TO-10	Air	PCB-1016
TO-10A	TO-10	Air	PCB-1221
TO-10A	TO-10	Air	PCB-1232
TO-10A	TO-10	Air	PCB-1242
TO-10A	TO-10	Air	PCB-1248
TO-10A	TO-10	Air	PCB-1254
TO-10A	TO-10	Air	PCB-1260
TO-10A	TO-10	Air	Tetrachloro-m-xylene

Method Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Method	Method Description	Protocol	Laboratory
TO-10A	PCBs in Ambient Air	EPA	TAL SAC
PUF to Air	PUF to Air Conversion	None	TAL SAC
TO-10	Extraction of Pesticide/PCBs in (Ambient Air)	EPA	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Education Center

Job ID: 320-59885-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-59885-1	41373.000.0014-3/25/2020-AIR-01	Air	03/25/20 14:43	03/31/20 09:43	
320-59885-2	41373.000.0014-3/25/2020-AIR-02	Air	03/25/20 14:46	03/31/20 09:43	
320-59885-3	41373.000.0014-3/25/2020-AIR-03	Air	03/25/20 14:49	03/31/20 09:43	
320-59885-4	41373.000.0014-3/25/2020-AIR-04	Air	03/25/20 14:55	03/31/20 09:43	
320-59885-5	41373.000.0014-3/25/2020-AIR-05	Air	03/25/20 14:55	03/31/20 09:43	
320-59885-6	41373.000.0014-3/25/2020-AIR-06	Air	03/25/20 14:57	03/31/20 09:43	
320-59885-7	41373.000.0014-3/25/2020-AIR-07	Air	03/25/20 15:03	03/31/20 09:43	
320-59885-8	41373.000.0014-3/25/2020-AIR-08	Air	03/25/20 15:05	03/31/20 09:43	
320-59885-9	41373.000.0014-3/25/2020-AIR-09	Air	03/25/20 15:10	03/31/20 09:43	
320-59885-10	41373.000.0014-3/25/2020-AIR-10	Air	03/25/20 15:11	03/31/20 09:43	
320-59885-11	41373.000.0014-3/25/2020-AIR-11	Air	03/25/20 15:15	03/31/20 09:43	
320-59885-12	41373.000.0014-3/25/2020-AIR-12	Air	03/25/20 15:19	03/31/20 09:43	
320-59885-13	41373.000.0014-3/25/2020-AIR-13	Air	03/25/20 15:20	03/31/20 09:43	
320-59885-14	41373.000.0014-3/25/2020-AIR-14	Air	03/25/20 15:20	03/31/20 09:43	
320-59885-15	41373.000.0014-3/26/2020-AIR-15	Air	03/26/20 13:35	03/31/20 09:43	
320-59885-16	41373.000.0014-3/26/2020-AIR-16	Air	03/26/20 13:38	03/31/20 09:43	
320-59885-17	41373.000.0014-3/26/2020-AIR-17	Air	03/26/20 13:40	03/31/20 09:43	
320-59885-18	41373.000.0014-3/26/2020-AIR-18	Air	03/26/20 13:58	03/31/20 09:43	
320-59885-19	41373.000.0014-3/26/2020-AIR-19	Air	03/26/20 14:10	03/31/20 09:43	
320-59885-20	41373.000.0014-3/26/2020-AIR-20	Air	03/26/20 14:13	03/31/20 09:43	
320-59885-21	41373.000.0014-3/26/2020-AIR-21	Air	03/26/20 14:16	03/31/20 09:43	
320-59885-22	FIELD BLANK 1	Air	03/25/20 00:00	03/31/20 09:43	
320-59885-23	FIELD BLANK 2	Air	03/25/20 00:00	03/31/20 09:43	
320-59885-24	FIELD BLANK 3	Air	03/26/20 00:00	03/31/20 09:43	
320-59885-25	FIELD BLANK 4	Air	03/26/20 00:00	03/31/20 09:43	

Sorbent/Filter Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

320-59885 Chain of Custody

30 Riverside Parkway
West Sacramento, CA 95605
(916) 373-5600

Client Contact Information	Project Manager: Greg Middaugh	Samples Collected By: JUSTIN H. DAY	COC No: 1 of 3 COCs
Company Name: PBS ENG. & ENV.	Phone: 206.233.9639		
Address: 214 E. GALER ST. #300	Email: greg.middaugh@pbsusa.com		
City/State/Zip SEATTLE, WA 98102			
Phone: 206 233 9639	Site Contact:		For Lab Use Only: Walk-in Client:
	TA Contact:		Lab Sampling:
Project Name: Sky Valley Ed. Center	Analysis Turnaround Time		Job / SDG No.:
Site/Location:	Standard (Specific):		(See below for Add'l Items)
PO. # 41373.000.0014	Rush (Specifiy):		

Sample Identification	Sample Date(s)	Time Start	Time Stop	No. of Containers	Sample Volume (liters)	TO-13A SVOCs	TO-13A SIM-PAHs	TO-10A	TO-4A	TO-9	PM10	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
41373.000.0014-3/25/2020-AIR-01	3/25/2020	0743	1443	1	2100			X											TECH. BLD. WELDING ROOM
" - " - AIR-02	3/25/2020	0746	1446	1	2100			X											TECH. BLD. WOODSHOP EAST - CENTER
" - " - AIR-03	"	0749	1449	1	2100			X											TECH BLD. WOODSHOP SOUTH - CENTER
" - " - AIR-04	"	0752	1455	1	2115			X											TECH. BLD. - WOODSHOP WEST - NEAR OFFICE
" - " - AIR-05	"	0755	1455	1	2100			X											TECH BLD - WOODSHOP STORAGE RM NEAR ENTRY
" - " - AIR-06	"	0757	1457	1	2100			X											TECH BLD. - WOODSHOP HALLWAY @ ENTRY
" - " - AIR-07	3/25/2020	0759	1503	1	2120			X											TECH BLD. - WOODSHOP NORTH - CENTER
" - " - AIR-08	"	0802	1505	1	2115			X											TECH BLD. - WOODSHOP OFFICE
" - " - AIR-09	"	0805	1510	1	2125			X											TECH BLD. - RESTROOM ENTRY
" - " - AIR-10	3/25/2020	0807	1511	1	2120			X											TECH BLD. GIRLS RESTROOM

Temperature (Celsius)		
Start	Interior	Ambient
Stop		

Temperature (Celsius)		
Start	Interior	Ambient
Stop		

Special Instructions/QC Requirements & Comments: PUF media should be kept cold and out of the sun. Do not affix labels directly on cartridges.

Samples Shipped by: J. Day PBS ENV.	Date / Time: 3/27/2020 1200	Samples Received by: etasac 03/31/20 943
Samples Relinquished by:	Date / Time:	Received by:
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

- None of the Puf had the correct sample Identification, but they were able to be identify by the numbers wrote from the outside. PK 3/31/20
- Also, they had no date & time PK 3/31/20

22.4°C

Form No. CA-C-WI-003, dated 10/25/20

4/9/2020

Sorbent/Filter Samples Chain of Custody Record

eurofins | Environment Testing TestAmerica

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

30 Riverside Parkway
West Sacramento, CA 95605
(916) 373-5600

TestAmerica Laboratories, In

Client Contact Information	Project Manager: Gregg Mowatt	Samples Collected By: Justin M. Day	COC No:
Company Name: PBS ENG & ENV.	Phone: 206 233 9639		2 of 3 COCs
Address: 214 E. Galer St. Suite 300	Email: Gregg.Mowatt@pbsusa.com		
City/State/Zip SEATTLE, WA 98102			For Lab Use Only:
Phone: 206 233 9639	Site Contact:		Walk-in Client:
	TA Contact:		Lab Sampling:
Project Name: Sky Valley Ed. Center	Analysis Turnaround Time		
Site/Location:	Standard (Specific):		Job / SDG No.:
PO. # 41373.000.0014	Rush (Specifiy):		(See below for Add'l Items)

Sample Identification	Sample Date(s)	Time Start	Time Stop	No. of Containers	Sample Volume (liters)	TO-13A SVOCs	TO-13A SIM-PAHs	TO-10A	TO-4A	TO-9	PM10	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
41373.000.0014-3/25/2020-AIR-11	3/25/2020	0809	1515	1	2130			X											TECH BLD. Rm 23 center
" - " -AIR-12	1	0811	1511	1	2140			X											TECH BLD. ART - SOUTH center
" - " -AIR-13	1	0814	1520	1	2130			X											TECH BLD ART - NORTH center
" - " - AIR-14	3/25/2020	0817	1520	1	2115			X											TECH BLD. ART Rm NW STORAGE RM
41373.000.0014-3/26/2020-AIR-15	3/26/2020	0635	1335	1	2100			X											ADMIN - COPIER ROOM
" - " - AIR-16	1	0634	1334	1	2100			X											ADMIN - MENS RESTROOM ENTRY
" - " -AIR-17	1	0640	1340	1	2100			X											ADMIN - STAFF WORKROOM
" - " - AIR-18	3/26/2020	0647	1358	1	2155			X											ANNEX - NORTH STORAGE ROOM btw. Rm A&C
" - " - AIR-19	1	0657	1410	1	2165			X											GYM BLD. NEAR CAFE
" - " - AIR-20	3/26/2020	0707	1413	1	2130			X											GYM BLD. LARGE GYM SOUTH STORAGE RM

Temperature (Celsius)		
Start	Interior	Ambient
Stop		

Temperature (Celsius)		
Start	Interior	Ambient
Stop		

Special Instructions/QC Requirements & Comments: PUF media should be kept cold and out of the sun. Do not affix labels directly on cartridges.

Samples Shipped by: J. Day PBS ENV.	Date / Time: 3/27/2020 1200	Samples Received by: eta sac 03/31/20 943
Samples Relinquished by:	Date / Time:	Received by:
Relinquished by:	Date / Time:	Received by:

Lab Use Only: Shipper Name: Opened by: Condition:

- None of them had the correct ID, but they were able to be identify by the outside number (label)
- Also, no time & date present. PK 3/31/20

22.4°C PK 3/31/20

Sorbent/Filter Samples Chain of Custody Record

eurofins | Environment Testin TestAmerica

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

30 Riverside Parkway
West Sacramento, CA 95605
(916) 373-5600

TestAmerica Laboratories, In

Client Contact Information	Project Manager: Gregg Mcdonough	Samples Collected By: JUSTIN H. Day	COC No:
Company Name: PBS ENV/3 ENV.	Phone: 206.233.9639		3 of 3 COCs
Address: 214 E. Galer St. Suite 300	Email: Gregg.Mcdonough@pbsusa.com		
City/State/Zip SEATTLE WA 98102			For Lab Use Only:
Phone: 206.233.9639	Site Contact:		Walk-in Client:
	TA Contact:		Lab Sampling:
Project Name: Sky Valley Ed. Center	Analysis Turnaround Time		
Site/Location:	Standard (Specific):		Job / SDG No.:
PO. # 41373.000.0014	Rush (Specifiy):		(See below for Add'l Items)

Sample Identification	Sample Date(s)	Time Start	Time Stop	No. of Containers	Sample Volume (liters)	TO-13A SVOCs	TO-13A SIM-PAHs	TO-10A	TO-4A	TO-9	PM10	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
41373.000 0014-3/26/2020-AIR-21	3/26/2020	0709	1416	1	2135			X											Gym BIO. small gym NORTH EAST STORAGE MEZ.
FIELD BLANK 1	3/25/2020	—	—	1	—			X											BLANK
FIELD BLANK 2	3/25/2020	—	—	1	—			X											BLANK
FIELD BLANK 3	3/26/2020	—	—	1	—			X											BLANK
FIELD BLANK 4	3/26/2020	—	—	1	—			X											BLANK

Temperature (Celsius)		
Start	Interior	Ambient
Stop		

Temperature (Celsius)		
Start	Interior	Ambient
Stop		

Special Instructions/QC Requirements & Comments: PUF media should be kept cold and out of the sun. Do not affix labels directly on cartridges.

Samples Shipped by: J.Day PBS ENV.	Date / Time: 3/27/2020 1200	Samples Received by: eta SAC 03/31/20 943
Samples Relinquished by:	Date / Time:	Received by:
Relinquished by:	Date / Time:	Received by:

Lab Use Only: Shipper Name: Opened by: Condition:

- None of them had the correct ID, but they were able to be identify by the number from the outside label. PK 3/31/20
- Also, no time & date present. PK 3/31/20

22.4°C

Form No. CA-C-WI-003, dated 10/25/201

4/9/2020

Login Sample Receipt Checklist

Client: PBS Engineering and Environmental

Job Number: 320-59885-1

Login Number: 59885
List Number: 1
Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1028741 & 1028246
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	one gel pack
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
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.	False	Refer to Job Narrative for details.
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.	N/A	
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	

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-59880-1
Client Project/Site: Sky Valley Ballast

For:
PBS Engineering and Environmental
214 E. Galer Street, Suite 300
Seattle, Washington 98102

Attn: Gregg Middaugh

Authorized for release by:
4/7/2020 5:31:07 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
leeann.heathcote@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 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.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 8
Surrogate Summary 23
QC Sample Results 25
QC Association Summary 28
Lab Chronicle 32
Certification Summary 41
Method Summary 42
Sample Summary 43
Chain of Custody 44
Receipt Checklists 48

Definitions/Glossary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 320-59880-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative
320-59880-1

Receipt
The samples were received on 3/31/2020 9:43 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 16.9º C.

Receipt Exceptions
All samples were received at the laboratory outside the required temperature criteria of between 0 and 6º C. There was no ice or cooling agent in the cooler with the samples.

The container labels for all samples did not match the information listed on the Chain-of-Custody (COC). Sample IDs were written on the top of the caps and consisted of the letter "W" with a number; Field Blanks had "Blank" with a number. None of the containers had sampling date and time listed. The lab was able to match the containers to the COC, and all samples were logged in and labeled according to COC.

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

Organic Prep
Method 3550B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with method 8082 preparation batches 320-369442, 320-369443, 320-369493, 320-369498, 320-369526, 320-369532.

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

Detection Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-01 — **Lab Sample ID: 320-59880-1**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-02 — **Lab Sample ID: 320-59880-2**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-03 — **Lab Sample ID: 320-59880-3**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-04 — **Lab Sample ID: 320-59880-4**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-05 — **Lab Sample ID: 320-59880-5**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-06 — **Lab Sample ID: 320-59880-6**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-07 — **Lab Sample ID: 320-59880-7**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-08 — **Lab Sample ID: 320-59880-8**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-09 — **Lab Sample ID: 320-59880-9**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-10 — **Lab Sample ID: 320-59880-10**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-11 — **Lab Sample ID: 320-59880-11**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-12 — **Lab Sample ID: 320-59880-12**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-13 — **Lab Sample ID: 320-59880-13**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-14 — **Lab Sample ID: 320-59880-14**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-15 — **Lab Sample ID: 320-59880-15**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-16 — **Lab Sample ID: 320-59880-16**

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-17 **Lab Sample ID: 320-59880-17**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-18 **Lab Sample ID: 320-59880-18**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-19 **Lab Sample ID: 320-59880-19**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-20 **Lab Sample ID: 320-59880-20**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-21 **Lab Sample ID: 320-59880-21**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-22 **Lab Sample ID: 320-59880-22**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-23 **Lab Sample ID: 320-59880-23**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-24 **Lab Sample ID: 320-59880-24**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-25 **Lab Sample ID: 320-59880-25**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-26 **Lab Sample ID: 320-59880-26**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-27 **Lab Sample ID: 320-59880-27**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-28 **Lab Sample ID: 320-59880-28**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-29 **Lab Sample ID: 320-59880-29**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-30 **Lab Sample ID: 320-59880-30**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-31 **Lab Sample ID: 320-59880-31**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-32 **Lab Sample ID: 320-59880-32**

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-33 **Lab Sample ID: 320-59880-33**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-34 **Lab Sample ID: 320-59880-34**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-35 **Lab Sample ID: 320-59880-35**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-36 **Lab Sample ID: 320-59880-36**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-37 **Lab Sample ID: 320-59880-37**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-38 **Lab Sample ID: 320-59880-38**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-39 **Lab Sample ID: 320-59880-39**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-40 **Lab Sample ID: 320-59880-40**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-41 **Lab Sample ID: 320-59880-41**

No Detections.

Client Sample ID: 41373.000.0014-WIPE-42 **Lab Sample ID: 320-59880-42**

No Detections.

Client Sample ID: FIELD BLANK #1 **Lab Sample ID: 320-59880-43**

No Detections.

Client Sample ID: FIELD BLANK #2 **Lab Sample ID: 320-59880-44**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 41373.000.0014-WIPE-01

Lab Sample ID: 320-59880-1
Date Collected: 03/26/20 09:10
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:26	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:26	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:26	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:26	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:26	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:26	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*65 - 137*	*04/02/20 09:11*	*04/03/20 13:26*	*1*

Client Sample ID: 41373.000.0014-WIPE-02

Lab Sample ID: 320-59880-2
Date Collected: 03/26/20 09:10
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:46	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:46	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:46	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:46	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:46	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:46	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*65 - 137*	*04/02/20 09:11*	*04/03/20 13:46*	*1*

Client Sample ID: 41373.000.0014-WIPE-03

Lab Sample ID: 320-59880-3
Date Collected: 03/26/20 09:12
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:07	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:07	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:07	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:07	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:07	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:07	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*65 - 137*	*04/02/20 09:11*	*04/03/20 14:07*	*1*

Client Sample ID: 41373.000.0014-WIPE-04

Lab Sample ID: 320-59880-4
Date Collected: 03/26/20 09:13
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:28	1

Client Sample ID: 41373.000.0014-WIPE-04

Lab Sample ID: 320-59880-4

Date Collected: 03/26/20 09:13

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:28	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:28	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:28	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:28	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:28	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*65 - 137*	*04/02/20 09:11*	*04/03/20 14:28*	*1*

Client Sample ID: 41373.000.0014-WIPE-05

Lab Sample ID: 320-59880-5

Date Collected: 03/26/20 09:15

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:48	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:48	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:48	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:48	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:48	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:48	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*65 - 137*	*04/02/20 09:11*	*04/03/20 14:48*	*1*

Client Sample ID: 41373.000.0014-WIPE-06

Lab Sample ID: 320-59880-6

Date Collected: 03/26/20 09:15

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:09	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:09	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:09	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:09	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:09	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:09	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*65 - 137*	*04/02/20 09:11*	*04/03/20 15:09*	*1*

Client Sample ID: 41373.000.0014-WIPE-07

Lab Sample ID: 320-59880-7

Date Collected: 03/26/20 09:16

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:29	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:29	1

Client Sample ID: 41373.000.0014-WIPE-07

Lab Sample ID: 320-59880-7
Date Collected: 03/26/20 09:16
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:29	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:29	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:29	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:29	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*65 - 137*	*04/02/20 09:11*	*04/03/20 15:29*	*1*

Client Sample ID: 41373.000.0014-WIPE-08

Lab Sample ID: 320-59880-8
Date Collected: 03/26/20 09:17
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:50	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:50	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:50	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:50	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:50	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:50	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*65 - 137*	*04/02/20 09:11*	*04/03/20 15:50*	*1*

Client Sample ID: 41373.000.0014-WIPE-09

Lab Sample ID: 320-59880-9
Date Collected: 03/26/20 09:40
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:10	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:10	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:10	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:10	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:10	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:10	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*65 - 137*	*04/02/20 09:11*	*04/03/20 16:10*	*1*

Client Sample ID: 41373.000.0014-WIPE-10

Lab Sample ID: 320-59880-10
Date Collected: 03/26/20 09:41
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:31	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:31	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:31	1

Client Sample ID: 41373.000.0014-WIPE-10

Lab Sample ID: 320-59880-10
Date Collected: 03/26/20 09:41
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:31	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:31	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:31	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*65 - 137*	*04/02/20 09:11*	*04/03/20 16:31*	*1*

Client Sample ID: 41373.000.0014-WIPE-11

Lab Sample ID: 320-59880-11
Date Collected: 03/26/20 09:43
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:52	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:52	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:52	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:52	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:52	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:52	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*65 - 137*	*04/02/20 09:11*	*04/03/20 16:52*	*1*

Client Sample ID: 41373.000.0014-WIPE-12

Lab Sample ID: 320-59880-12
Date Collected: 03/26/20 09:43
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:12	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:12	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:12	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:12	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:12	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:12	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*65 - 137*	*04/02/20 09:11*	*04/03/20 17:12*	*1*

Client Sample ID: 41373.000.0014-WIPE-13

Lab Sample ID: 320-59880-13
Date Collected: 03/26/20 09:50
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:33	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:33	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:33	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:33	1

Client Sample ID: 41373.000.0014-WIPE-13
Lab Sample ID: 320-59880-13
Date Collected: 03/26/20 09:50
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:33	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:33	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*65 - 137*	*04/02/20 09:11*	*04/03/20 17:33*	*1*

Client Sample ID: 41373.000.0014-WIPE-14
Lab Sample ID: 320-59880-14
Date Collected: 03/26/20 09:51
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:53	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:53	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:53	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:53	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:53	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:53	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*65 - 137*	*04/02/20 09:11*	*04/03/20 17:53*	*1*

Client Sample ID: 41373.000.0014-WIPE-15
Lab Sample ID: 320-59880-15
Date Collected: 03/26/20 09:53
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:14	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:14	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:14	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:14	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:14	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:14	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*65 - 137*	*04/02/20 09:11*	*04/03/20 18:14*	*1*

Client Sample ID: 41373.000.0014-WIPE-16
Lab Sample ID: 320-59880-16
Date Collected: 03/26/20 09:53
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:34	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:34	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:34	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:34	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:34	1

Client Sample ID: 41373.000.0014-WIPE-16
Lab Sample ID: 320-59880-16
Date Collected: 03/26/20 09:53
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:34	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*65 - 137*	*04/02/20 09:11*	*04/03/20 18:34*	*1*

Client Sample ID: 41373.000.0014-WIPE-17
Lab Sample ID: 320-59880-17
Date Collected: 03/26/20 10:02
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:55	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:55	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:55	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:55	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:55	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:55	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*65 - 137*	*04/02/20 09:11*	*04/03/20 18:55*	*1*

Client Sample ID: 41373.000.0014-WIPE-18
Lab Sample ID: 320-59880-18
Date Collected: 03/26/20 10:02
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:15	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:15	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:15	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:15	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:15	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:15	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*65 - 137*	*04/02/20 09:11*	*04/03/20 19:15*	*1*

Client Sample ID: 41373.000.0014-WIPE-19
Lab Sample ID: 320-59880-19
Date Collected: 03/26/20 10:03
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:36	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:36	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:36	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:36	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:36	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:36	1

Client Sample ID: 41373.000.0014-WIPE-19
Lab Sample ID: 320-59880-19
Date Collected: 03/26/20 10:03
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*65 - 137*	*04/02/20 09:11*	*04/03/20 19:36*	*1*

Client Sample ID: 41373.000.0014-WIPE-20
Lab Sample ID: 320-59880-20
Date Collected: 03/26/20 10:03
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:57	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:57	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:57	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:57	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:57	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:57	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*65 - 137*	*04/02/20 09:11*	*04/03/20 19:57*	*1*

Client Sample ID: 41373.000.0014-WIPE-21
Lab Sample ID: 320-59880-21
Date Collected: 03/26/20 10:22
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:22	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:22	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:22	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:22	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:22	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:22	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*65 - 137*	*04/02/20 11:38*	*04/03/20 14:22*	*1*

Client Sample ID: 41373.000.0014-WIPE-22
Lab Sample ID: 320-59880-22
Date Collected: 03/26/20 10:23
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:42	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:42	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:42	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:42	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:42	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:42	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 14:42	1

Client Sample ID: 41373.000.0014-WIPE-22

Lab Sample ID: 320-59880-22

Date Collected: 03/26/20 10:23
Matrix: Wipe
Date Received: 03/31/20 09:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		65 - 137	04/02/20 11:38	04/03/20 14:42	1

Client Sample ID: 41373.000.0014-WIPE-23

Lab Sample ID: 320-59880-23

Date Collected: 03/26/20 10:35
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:02	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:02	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:02	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:02	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:02	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:02	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		65 - 137	04/02/20 11:38	04/03/20 15:02	1

Client Sample ID: 41373.000.0014-WIPE-24

Lab Sample ID: 320-59880-24

Date Collected: 03/26/20 10:38
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:22	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:22	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:22	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:22	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:22	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:22	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		65 - 137	04/02/20 11:38	04/03/20 15:22	1

Client Sample ID: 41373.000.0014-WIPE-25

Lab Sample ID: 320-59880-25

Date Collected: 03/26/20 10:40
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		65 - 137	04/02/20 11:38	04/03/20 16:21	1

Client Sample ID: 41373.000.0014-WIPE-26

Lab Sample ID: 320-59880-26
Date Collected: 03/26/20 10:40
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:41	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:41	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:41	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:41	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:41	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:41	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*65 - 137*	*04/02/20 11:38*	*04/03/20 16:41*	*1*

Client Sample ID: 41373.000.0014-WIPE-27

Lab Sample ID: 320-59880-27
Date Collected: 03/26/20 10:43
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:01	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:01	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:01	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:01	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:01	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:01	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*65 - 137*	*04/02/20 11:38*	*04/03/20 17:01*	*1*

Client Sample ID: 41373.000.0014-WIPE-28

Lab Sample ID: 320-59880-28
Date Collected: 03/26/20 10:45
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*65 - 137*	*04/02/20 11:38*	*04/03/20 17:21*	*1*

Client Sample ID: 41373.000.0014-WIPE-29

Lab Sample ID: 320-59880-29
Date Collected: 03/26/20 11:42
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:41	1

Client Sample ID: 41373.000.0014-WIPE-29

Lab Sample ID: 320-59880-29

Date Collected: 03/26/20 11:42

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:41	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:41	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:41	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:41	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:41	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*65 - 137*	*04/02/20 11:38*	*04/03/20 17:41*	*1*

Client Sample ID: 41373.000.0014-WIPE-30

Lab Sample ID: 320-59880-30

Date Collected: 03/26/20 11:43

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:01	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:01	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:01	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:01	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:01	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:01	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*65 - 137*	*04/02/20 11:38*	*04/03/20 18:01*	*1*

Client Sample ID: 41373.000.0014-WIPE-31

Lab Sample ID: 320-59880-31

Date Collected: 03/26/20 11:45

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*65 - 137*	*04/02/20 11:38*	*04/03/20 18:21*	*1*

Client Sample ID: 41373.000.0014-WIPE-32

Lab Sample ID: 320-59880-32

Date Collected: 03/26/20 11:45

Matrix: Wipe

Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:41	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:41	1

Client Sample ID: 41373.000.0014-WIPE-32

Lab Sample ID: 320-59880-32
Date Collected: 03/26/20 11:45
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:41	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:41	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:41	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:41	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*65 - 137*	*04/02/20 11:38*	*04/03/20 18:41*	*1*

Client Sample ID: 41373.000.0014-WIPE-33

Lab Sample ID: 320-59880-33
Date Collected: 03/26/20 11:46
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:01	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:01	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:01	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:01	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:01	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:01	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*65 - 137*	*04/02/20 11:38*	*04/03/20 19:01*	*1*

Client Sample ID: 41373.000.0014-WIPE-34

Lab Sample ID: 320-59880-34
Date Collected: 03/26/20 11:47
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*65 - 137*	*04/02/20 11:38*	*04/03/20 19:21*	*1*

Client Sample ID: 41373.000.0014-WIPE-35

Lab Sample ID: 320-59880-35
Date Collected: 03/26/20 12:02
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:41	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:41	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:41	1

Client Sample ID: 41373.000.0014-WIPE-35
Lab Sample ID: 320-59880-35
Date Collected: 03/26/20 12:02
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:41	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:41	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:41	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*65 - 137*	*04/02/20 11:38*	*04/03/20 19:41*	*1*

Client Sample ID: 41373.000.0014-WIPE-36
Lab Sample ID: 320-59880-36
Date Collected: 03/26/20 12:02
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:01	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:01	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:01	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:01	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:01	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:01	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*65 - 137*	*04/02/20 11:38*	*04/03/20 20:01*	*1*

Client Sample ID: 41373.000.0014-WIPE-37
Lab Sample ID: 320-59880-37
Date Collected: 03/26/20 12:15
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*65 - 137*	*04/02/20 11:38*	*04/03/20 20:21*	*1*

Client Sample ID: 41373.000.0014-WIPE-38
Lab Sample ID: 320-59880-38
Date Collected: 03/26/20 12:16
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:41	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:41	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:41	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:41	1

Client Sample ID: 41373.000.0014-WIPE-38
Lab Sample ID: 320-59880-38
Date Collected: 03/26/20 12:16
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:41	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:41	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*65 - 137*	*04/02/20 11:38*	*04/03/20 20:41*	*1*

Client Sample ID: 41373.000.0014-WIPE-39
Lab Sample ID: 320-59880-39
Date Collected: 03/26/20 12:28
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:01	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:01	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:01	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:01	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:01	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:01	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*65 - 137*	*04/02/20 11:38*	*04/03/20 21:01*	*1*

Client Sample ID: 41373.000.0014-WIPE-40
Lab Sample ID: 320-59880-40
Date Collected: 03/26/20 12:29
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*65 - 137*	*04/02/20 11:38*	*04/03/20 21:21*	*1*

Client Sample ID: 41373.000.0014-WIPE-41
Lab Sample ID: 320-59880-41
Date Collected: 03/26/20 12:32
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 21:41	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 21:41	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 21:41	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 21:41	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 21:41	1

Client Sample ID: 41373.000.0014-WIPE-41

Lab Sample ID: 320-59880-41
Date Collected: 03/26/20 12:32
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 21:41	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*65 - 137*	*04/02/20 12:12*	*04/03/20 21:41*	*1*

Client Sample ID: 41373.000.0014-WIPE-42

Lab Sample ID: 320-59880-42
Date Collected: 03/26/20 12:33
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:01	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:01	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:01	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:01	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:01	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:01	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*65 - 137*	*04/02/20 12:12*	*04/03/20 22:01*	*1*

Client Sample ID: FIELD BLANK #1

Lab Sample ID: 320-59880-43
Date Collected: 03/26/20 00:00
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*65 - 137*	*04/02/20 12:12*	*04/03/20 22:21*	*1*

Client Sample ID: FIELD BLANK #2

Lab Sample ID: 320-59880-44
Date Collected: 03/26/20 00:00
Matrix: Wipe
Date Received: 03/31/20 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:41	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:41	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:41	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:41	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:41	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:41	1

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: FIELD BLANK #2
Date Collected: 03/26/20 00:00
Date Received: 03/31/20 09:43

Lab Sample ID: 320-59880-44
Matrix: Wipe

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*65 - 137*	*04/02/20 12:12*	*04/03/20 22:41*	*1*

Surrogate Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

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

Matrix: Wipe

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCBP1 (65-137)						
320-59880-1	41373.000.0014-WIPE-01	103						
320-59880-2	41373.000.0014-WIPE-02	97						
320-59880-3	41373.000.0014-WIPE-03	102						
320-59880-4	41373.000.0014-WIPE-04	109						
320-59880-5	41373.000.0014-WIPE-05	105						
320-59880-6	41373.000.0014-WIPE-06	103						
320-59880-7	41373.000.0014-WIPE-07	98						
320-59880-8	41373.000.0014-WIPE-08	102						
320-59880-9	41373.000.0014-WIPE-09	102						
320-59880-10	41373.000.0014-WIPE-10	100						
320-59880-11	41373.000.0014-WIPE-11	97						
320-59880-12	41373.000.0014-WIPE-12	102						
320-59880-13	41373.000.0014-WIPE-13	106						
320-59880-14	41373.000.0014-WIPE-14	99						
320-59880-15	41373.000.0014-WIPE-15	100						
320-59880-16	41373.000.0014-WIPE-16	100						
320-59880-17	41373.000.0014-WIPE-17	111						
320-59880-18	41373.000.0014-WIPE-18	103						
320-59880-19	41373.000.0014-WIPE-19	97						
320-59880-20	41373.000.0014-WIPE-20	100						
320-59880-21	41373.000.0014-WIPE-21	104						
320-59880-22	41373.000.0014-WIPE-22	100						
320-59880-23	41373.000.0014-WIPE-23	101						
320-59880-24	41373.000.0014-WIPE-24	100						
320-59880-25	41373.000.0014-WIPE-25	94						
320-59880-26	41373.000.0014-WIPE-26	91						
320-59880-27	41373.000.0014-WIPE-27	93						
320-59880-28	41373.000.0014-WIPE-28	105						
320-59880-29	41373.000.0014-WIPE-29	102						
320-59880-30	41373.000.0014-WIPE-30	97						
320-59880-31	41373.000.0014-WIPE-31	107						
320-59880-32	41373.000.0014-WIPE-32	98						
320-59880-33	41373.000.0014-WIPE-33	97						
320-59880-34	41373.000.0014-WIPE-34	99						
320-59880-35	41373.000.0014-WIPE-35	106						
320-59880-36	41373.000.0014-WIPE-36	93						
320-59880-37	41373.000.0014-WIPE-37	105						
320-59880-38	41373.000.0014-WIPE-38	104						
320-59880-39	41373.000.0014-WIPE-39	104						
320-59880-40	41373.000.0014-WIPE-40	89						
320-59880-41	41373.000.0014-WIPE-41	95						
320-59880-42	41373.000.0014-WIPE-42	96						
320-59880-43	FIELD BLANK #1	109						
320-59880-44	FIELD BLANK #2	97						
LCS 320-369442/2-C	Lab Control Sample	108						
LCS 320-369493/2-B	Lab Control Sample	102						
LCS 320-369526/2-B	Lab Control Sample	94						
LCSD 320-369442/3-C	Lab Control Sample Dup	106						
LCSD 320-369493/3-B	Lab Control Sample Dup	101						

Surrogate Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

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

Matrix: Wipe

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	DCBP1 (65-137)								
LCSD 320-369526/3-B	Lab Control Sample Dup	68								
MB 320-369442/1-C	Method Blank	116								
MB 320-369493/1-B	Method Blank	97								
MB 320-369526/1-B	Method Blank	95								

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 320-369442/1-C
Matrix: Wipe
Analysis Batch: 369875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369443

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 12:24	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 12:24	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 12:24	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 12:24	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 12:24	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 12:24	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 09:11	04/03/20 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*65 - 137*	*04/02/20 09:11*	*04/03/20 12:24*	*1*

Lab Sample ID: LCS 320-369442/2-C
Matrix: Wipe
Analysis Batch: 369875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369443

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2.00	1.88		ug/100 cm2		94	45 - 107		
PCB-1260			2.00	1.89		ug/100 cm2		94	50 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*65 - 137*

Lab Sample ID: LCSD 320-369442/3-C
Matrix: Wipe
Analysis Batch: 369875

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 369443

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			2.00	1.90		ug/100 cm2		95	45 - 107	1	50
PCB-1260			2.00	2.04		ug/100 cm2		102	50 - 127	8	43

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*106*		*65 - 137*

Lab Sample ID: MB 320-369493/1-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369498

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 12:21	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 12:21	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 12:21	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 12:21	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 12:21	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 12:21	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 11:38	04/03/20 12:21	1

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

Lab Sample ID: MB 320-369493/1-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369498

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		65 - 137	04/02/20 11:38	04/03/20 12:21	1

Lab Sample ID: LCS 320-369493/2-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369498

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.00	1.96		ug/100 cm2		98	45 - 107
PCB-1260	2.00	2.03		ug/100 cm2		101	50 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	102		65 - 137

Lab Sample ID: LCSD 320-369493/3-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 369498

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	2.00	1.86		ug/100 cm2		93	45 - 107	5	50
PCB-1260	2.00	1.94		ug/100 cm2		97	50 - 127	4	43

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	101		65 - 137

Lab Sample ID: MB 320-369526/1-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369532

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 13:22	1
PCB-1221	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 13:22	1
PCB-1232	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 13:22	1
PCB-1242	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 13:22	1
PCB-1248	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 13:22	1
PCB-1254	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 13:22	1
PCB-1260	ND		1.0		ug/100 cm2		04/02/20 12:12	04/03/20 13:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	95		65 - 137	04/02/20 12:12	04/03/20 13:22	1

Lab Sample ID: LCS 320-369526/2-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.00	1.79		ug/100 cm2		89	45 - 107
PCB-1260	2.00	1.82		ug/100 cm2		91	50 - 127

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

Lab Sample ID: LCS 320-369526/2-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369532

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	94		65 - 137

Lab Sample ID: LCSD 320-369526/3-B
Matrix: Wipe
Analysis Batch: 369871

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 369532

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			2.00	1.35		ug/100 cm2		68	45 - 107	28	50
PCB-1260			2.00	1.33		ug/100 cm2		67	50 - 127	31	43

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	68		65 - 137

GC Semi VOA

Pre Prep Batch: 369442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-1	41373.000.0014-WIPE-01	Total/NA	Wipe	Wipe Area	
320-59880-2	41373.000.0014-WIPE-02	Total/NA	Wipe	Wipe Area	
320-59880-3	41373.000.0014-WIPE-03	Total/NA	Wipe	Wipe Area	
320-59880-4	41373.000.0014-WIPE-04	Total/NA	Wipe	Wipe Area	
320-59880-5	41373.000.0014-WIPE-05	Total/NA	Wipe	Wipe Area	
320-59880-6	41373.000.0014-WIPE-06	Total/NA	Wipe	Wipe Area	
320-59880-7	41373.000.0014-WIPE-07	Total/NA	Wipe	Wipe Area	
320-59880-8	41373.000.0014-WIPE-08	Total/NA	Wipe	Wipe Area	
320-59880-9	41373.000.0014-WIPE-09	Total/NA	Wipe	Wipe Area	
320-59880-10	41373.000.0014-WIPE-10	Total/NA	Wipe	Wipe Area	
320-59880-11	41373.000.0014-WIPE-11	Total/NA	Wipe	Wipe Area	
320-59880-12	41373.000.0014-WIPE-12	Total/NA	Wipe	Wipe Area	
320-59880-13	41373.000.0014-WIPE-13	Total/NA	Wipe	Wipe Area	
320-59880-14	41373.000.0014-WIPE-14	Total/NA	Wipe	Wipe Area	
320-59880-15	41373.000.0014-WIPE-15	Total/NA	Wipe	Wipe Area	
320-59880-16	41373.000.0014-WIPE-16	Total/NA	Wipe	Wipe Area	
320-59880-17	41373.000.0014-WIPE-17	Total/NA	Wipe	Wipe Area	
320-59880-18	41373.000.0014-WIPE-18	Total/NA	Wipe	Wipe Area	
320-59880-19	41373.000.0014-WIPE-19	Total/NA	Wipe	Wipe Area	
320-59880-20	41373.000.0014-WIPE-20	Total/NA	Wipe	Wipe Area	
MB 320-369442/1-C	Method Blank	Total/NA	Wipe	Wipe Area	
LCS 320-369442/2-C	Lab Control Sample	Total/NA	Wipe	Wipe Area	
LCSD 320-369442/3-C	Lab Control Sample Dup	Total/NA	Wipe	Wipe Area	

Prep Batch: 369443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-1	41373.000.0014-WIPE-01	Total/NA	Wipe	3550B	369442
320-59880-2	41373.000.0014-WIPE-02	Total/NA	Wipe	3550B	369442
320-59880-3	41373.000.0014-WIPE-03	Total/NA	Wipe	3550B	369442
320-59880-4	41373.000.0014-WIPE-04	Total/NA	Wipe	3550B	369442
320-59880-5	41373.000.0014-WIPE-05	Total/NA	Wipe	3550B	369442
320-59880-6	41373.000.0014-WIPE-06	Total/NA	Wipe	3550B	369442
320-59880-7	41373.000.0014-WIPE-07	Total/NA	Wipe	3550B	369442
320-59880-8	41373.000.0014-WIPE-08	Total/NA	Wipe	3550B	369442
320-59880-9	41373.000.0014-WIPE-09	Total/NA	Wipe	3550B	369442
320-59880-10	41373.000.0014-WIPE-10	Total/NA	Wipe	3550B	369442
320-59880-11	41373.000.0014-WIPE-11	Total/NA	Wipe	3550B	369442
320-59880-12	41373.000.0014-WIPE-12	Total/NA	Wipe	3550B	369442
320-59880-13	41373.000.0014-WIPE-13	Total/NA	Wipe	3550B	369442
320-59880-14	41373.000.0014-WIPE-14	Total/NA	Wipe	3550B	369442
320-59880-15	41373.000.0014-WIPE-15	Total/NA	Wipe	3550B	369442
320-59880-16	41373.000.0014-WIPE-16	Total/NA	Wipe	3550B	369442
320-59880-17	41373.000.0014-WIPE-17	Total/NA	Wipe	3550B	369442
320-59880-18	41373.000.0014-WIPE-18	Total/NA	Wipe	3550B	369442
320-59880-19	41373.000.0014-WIPE-19	Total/NA	Wipe	3550B	369442
320-59880-20	41373.000.0014-WIPE-20	Total/NA	Wipe	3550B	369442
MB 320-369442/1-C	Method Blank	Total/NA	Wipe	3550B	369442
LCS 320-369442/2-C	Lab Control Sample	Total/NA	Wipe	3550B	369442
LCSD 320-369442/3-C	Lab Control Sample Dup	Total/NA	Wipe	3550B	369442

GC Semi VOA

Pre Prep Batch: 369493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-21	41373.000.0014-WIPE-21	Total/NA	Wipe	Wipe Area	
320-59880-22	41373.000.0014-WIPE-22	Total/NA	Wipe	Wipe Area	
320-59880-23	41373.000.0014-WIPE-23	Total/NA	Wipe	Wipe Area	
320-59880-24	41373.000.0014-WIPE-24	Total/NA	Wipe	Wipe Area	
320-59880-25	41373.000.0014-WIPE-25	Total/NA	Wipe	Wipe Area	
320-59880-26	41373.000.0014-WIPE-26	Total/NA	Wipe	Wipe Area	
320-59880-27	41373.000.0014-WIPE-27	Total/NA	Wipe	Wipe Area	
320-59880-28	41373.000.0014-WIPE-28	Total/NA	Wipe	Wipe Area	
320-59880-29	41373.000.0014-WIPE-29	Total/NA	Wipe	Wipe Area	
320-59880-30	41373.000.0014-WIPE-30	Total/NA	Wipe	Wipe Area	
320-59880-31	41373.000.0014-WIPE-31	Total/NA	Wipe	Wipe Area	
320-59880-32	41373.000.0014-WIPE-32	Total/NA	Wipe	Wipe Area	
320-59880-33	41373.000.0014-WIPE-33	Total/NA	Wipe	Wipe Area	
320-59880-34	41373.000.0014-WIPE-34	Total/NA	Wipe	Wipe Area	
320-59880-35	41373.000.0014-WIPE-35	Total/NA	Wipe	Wipe Area	
320-59880-36	41373.000.0014-WIPE-36	Total/NA	Wipe	Wipe Area	
320-59880-37	41373.000.0014-WIPE-37	Total/NA	Wipe	Wipe Area	
320-59880-38	41373.000.0014-WIPE-38	Total/NA	Wipe	Wipe Area	
320-59880-39	41373.000.0014-WIPE-39	Total/NA	Wipe	Wipe Area	
320-59880-40	41373.000.0014-WIPE-40	Total/NA	Wipe	Wipe Area	
MB 320-369493/1-B	Method Blank	Total/NA	Wipe	Wipe Area	
LCS 320-369493/2-B	Lab Control Sample	Total/NA	Wipe	Wipe Area	
LCSD 320-369493/3-B	Lab Control Sample Dup	Total/NA	Wipe	Wipe Area	

Prep Batch: 369498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-21	41373.000.0014-WIPE-21	Total/NA	Wipe	3550B	369493
320-59880-22	41373.000.0014-WIPE-22	Total/NA	Wipe	3550B	369493
320-59880-23	41373.000.0014-WIPE-23	Total/NA	Wipe	3550B	369493
320-59880-24	41373.000.0014-WIPE-24	Total/NA	Wipe	3550B	369493
320-59880-25	41373.000.0014-WIPE-25	Total/NA	Wipe	3550B	369493
320-59880-26	41373.000.0014-WIPE-26	Total/NA	Wipe	3550B	369493
320-59880-27	41373.000.0014-WIPE-27	Total/NA	Wipe	3550B	369493
320-59880-28	41373.000.0014-WIPE-28	Total/NA	Wipe	3550B	369493
320-59880-29	41373.000.0014-WIPE-29	Total/NA	Wipe	3550B	369493
320-59880-30	41373.000.0014-WIPE-30	Total/NA	Wipe	3550B	369493
320-59880-31	41373.000.0014-WIPE-31	Total/NA	Wipe	3550B	369493
320-59880-32	41373.000.0014-WIPE-32	Total/NA	Wipe	3550B	369493
320-59880-33	41373.000.0014-WIPE-33	Total/NA	Wipe	3550B	369493
320-59880-34	41373.000.0014-WIPE-34	Total/NA	Wipe	3550B	369493
320-59880-35	41373.000.0014-WIPE-35	Total/NA	Wipe	3550B	369493
320-59880-36	41373.000.0014-WIPE-36	Total/NA	Wipe	3550B	369493
320-59880-37	41373.000.0014-WIPE-37	Total/NA	Wipe	3550B	369493
320-59880-38	41373.000.0014-WIPE-38	Total/NA	Wipe	3550B	369493
320-59880-39	41373.000.0014-WIPE-39	Total/NA	Wipe	3550B	369493
320-59880-40	41373.000.0014-WIPE-40	Total/NA	Wipe	3550B	369493
MB 320-369493/1-B	Method Blank	Total/NA	Wipe	3550B	369493
LCS 320-369493/2-B	Lab Control Sample	Total/NA	Wipe	3550B	369493
LCSD 320-369493/3-B	Lab Control Sample Dup	Total/NA	Wipe	3550B	369493

GC Semi VOA

Pre Prep Batch: 369526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-41	41373.000.0014-WIPE-41	Total/NA	Wipe	Wipe Area	
320-59880-42	41373.000.0014-WIPE-42	Total/NA	Wipe	Wipe Area	
320-59880-43	FIELD BLANK #1	Total/NA	Wipe	Wipe Area	
320-59880-44	FIELD BLANK #2	Total/NA	Wipe	Wipe Area	
MB 320-369526/1-B	Method Blank	Total/NA	Wipe	Wipe Area	
LCS 320-369526/2-B	Lab Control Sample	Total/NA	Wipe	Wipe Area	
LCSD 320-369526/3-B	Lab Control Sample Dup	Total/NA	Wipe	Wipe Area	

Prep Batch: 369532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-41	41373.000.0014-WIPE-41	Total/NA	Wipe	3550B	369526
320-59880-42	41373.000.0014-WIPE-42	Total/NA	Wipe	3550B	369526
320-59880-43	FIELD BLANK #1	Total/NA	Wipe	3550B	369526
320-59880-44	FIELD BLANK #2	Total/NA	Wipe	3550B	369526
MB 320-369526/1-B	Method Blank	Total/NA	Wipe	3550B	369526
LCS 320-369526/2-B	Lab Control Sample	Total/NA	Wipe	3550B	369526
LCSD 320-369526/3-B	Lab Control Sample Dup	Total/NA	Wipe	3550B	369526

Analysis Batch: 369871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-21	41373.000.0014-WIPE-21	Total/NA	Wipe	8082	369498
320-59880-22	41373.000.0014-WIPE-22	Total/NA	Wipe	8082	369498
320-59880-23	41373.000.0014-WIPE-23	Total/NA	Wipe	8082	369498
320-59880-24	41373.000.0014-WIPE-24	Total/NA	Wipe	8082	369498
320-59880-25	41373.000.0014-WIPE-25	Total/NA	Wipe	8082	369498
320-59880-26	41373.000.0014-WIPE-26	Total/NA	Wipe	8082	369498
320-59880-27	41373.000.0014-WIPE-27	Total/NA	Wipe	8082	369498
320-59880-28	41373.000.0014-WIPE-28	Total/NA	Wipe	8082	369498
320-59880-29	41373.000.0014-WIPE-29	Total/NA	Wipe	8082	369498
320-59880-30	41373.000.0014-WIPE-30	Total/NA	Wipe	8082	369498
320-59880-31	41373.000.0014-WIPE-31	Total/NA	Wipe	8082	369498
320-59880-32	41373.000.0014-WIPE-32	Total/NA	Wipe	8082	369498
320-59880-33	41373.000.0014-WIPE-33	Total/NA	Wipe	8082	369498
320-59880-34	41373.000.0014-WIPE-34	Total/NA	Wipe	8082	369498
320-59880-35	41373.000.0014-WIPE-35	Total/NA	Wipe	8082	369498
320-59880-36	41373.000.0014-WIPE-36	Total/NA	Wipe	8082	369498
320-59880-37	41373.000.0014-WIPE-37	Total/NA	Wipe	8082	369498
320-59880-38	41373.000.0014-WIPE-38	Total/NA	Wipe	8082	369498
320-59880-39	41373.000.0014-WIPE-39	Total/NA	Wipe	8082	369498
320-59880-40	41373.000.0014-WIPE-40	Total/NA	Wipe	8082	369498
320-59880-41	41373.000.0014-WIPE-41	Total/NA	Wipe	8082	369532
320-59880-42	41373.000.0014-WIPE-42	Total/NA	Wipe	8082	369532
320-59880-43	FIELD BLANK #1	Total/NA	Wipe	8082	369532
320-59880-44	FIELD BLANK #2	Total/NA	Wipe	8082	369532
MB 320-369493/1-B	Method Blank	Total/NA	Wipe	8082	369498
MB 320-369526/1-B	Method Blank	Total/NA	Wipe	8082	369532
LCS 320-369493/2-B	Lab Control Sample	Total/NA	Wipe	8082	369498
LCS 320-369526/2-B	Lab Control Sample	Total/NA	Wipe	8082	369532
LCSD 320-369493/3-B	Lab Control Sample Dup	Total/NA	Wipe	8082	369498
LCSD 320-369526/3-B	Lab Control Sample Dup	Total/NA	Wipe	8082	369532

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

GC Semi VOA

Analysis Batch: 369875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-59880-1	41373.000.0014-WIPE-01	Total/NA	Wipe	8082	369443
320-59880-2	41373.000.0014-WIPE-02	Total/NA	Wipe	8082	369443
320-59880-3	41373.000.0014-WIPE-03	Total/NA	Wipe	8082	369443
320-59880-4	41373.000.0014-WIPE-04	Total/NA	Wipe	8082	369443
320-59880-5	41373.000.0014-WIPE-05	Total/NA	Wipe	8082	369443
320-59880-6	41373.000.0014-WIPE-06	Total/NA	Wipe	8082	369443
320-59880-7	41373.000.0014-WIPE-07	Total/NA	Wipe	8082	369443
320-59880-8	41373.000.0014-WIPE-08	Total/NA	Wipe	8082	369443
320-59880-9	41373.000.0014-WIPE-09	Total/NA	Wipe	8082	369443
320-59880-10	41373.000.0014-WIPE-10	Total/NA	Wipe	8082	369443
320-59880-11	41373.000.0014-WIPE-11	Total/NA	Wipe	8082	369443
320-59880-12	41373.000.0014-WIPE-12	Total/NA	Wipe	8082	369443
320-59880-13	41373.000.0014-WIPE-13	Total/NA	Wipe	8082	369443
320-59880-14	41373.000.0014-WIPE-14	Total/NA	Wipe	8082	369443
320-59880-15	41373.000.0014-WIPE-15	Total/NA	Wipe	8082	369443
320-59880-16	41373.000.0014-WIPE-16	Total/NA	Wipe	8082	369443
320-59880-17	41373.000.0014-WIPE-17	Total/NA	Wipe	8082	369443
320-59880-18	41373.000.0014-WIPE-18	Total/NA	Wipe	8082	369443
320-59880-19	41373.000.0014-WIPE-19	Total/NA	Wipe	8082	369443
320-59880-20	41373.000.0014-WIPE-20	Total/NA	Wipe	8082	369443
MB 320-369442/1-C	Method Blank	Total/NA	Wipe	8082	369443
LCS 320-369442/2-C	Lab Control Sample	Total/NA	Wipe	8082	369443
LCSD 320-369442/3-C	Lab Control Sample Dup	Total/NA	Wipe	8082	369443

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-01
Lab Sample ID: 320-59880-1
Date Collected: 03/26/20 09:10
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 13:26	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-02
Lab Sample ID: 320-59880-2
Date Collected: 03/26/20 09:10
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 13:46	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-03
Lab Sample ID: 320-59880-3
Date Collected: 03/26/20 09:12
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 14:07	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-04
Lab Sample ID: 320-59880-4
Date Collected: 03/26/20 09:13
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 14:28	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-05
Lab Sample ID: 320-59880-5
Date Collected: 03/26/20 09:15
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 14:48	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-06
Lab Sample ID: 320-59880-6
Date Collected: 03/26/20 09:15
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 15:09	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-07
Lab Sample ID: 320-59880-7
Date Collected: 03/26/20 09:16
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 15:29	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-08
Lab Sample ID: 320-59880-8
Date Collected: 03/26/20 09:17
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 15:50	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-09
Lab Sample ID: 320-59880-9
Date Collected: 03/26/20 09:40
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 16:10	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-10
Lab Sample ID: 320-59880-10
Date Collected: 03/26/20 09:41
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 16:31	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-11
Lab Sample ID: 320-59880-11
Date Collected: 03/26/20 09:43
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 16:52	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-12
Lab Sample ID: 320-59880-12
Date Collected: 03/26/20 09:43
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 17:12	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-13
Lab Sample ID: 320-59880-13
Date Collected: 03/26/20 09:50
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 17:33	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-14
Lab Sample ID: 320-59880-14
Date Collected: 03/26/20 09:51
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 17:53	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-15
Lab Sample ID: 320-59880-15
Date Collected: 03/26/20 09:53
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 18:14	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-16
Lab Sample ID: 320-59880-16
Date Collected: 03/26/20 09:53
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 18:34	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-17
Lab Sample ID: 320-59880-17
Date Collected: 03/26/20 10:02
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 18:55	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-18
Lab Sample ID: 320-59880-18
Date Collected: 03/26/20 10:02
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 19:15	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-19
Lab Sample ID: 320-59880-19
Date Collected: 03/26/20 10:03
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 19:36	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-20
Lab Sample ID: 320-59880-20
Date Collected: 03/26/20 10:03
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369442	04/02/20 09:05	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369443	04/02/20 09:11	MBG	TAL SAC
Total/NA	Analysis	8082		1			369875	04/03/20 19:57	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-21
Lab Sample ID: 320-59880-21
Date Collected: 03/26/20 10:22
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 14:22	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-22
Lab Sample ID: 320-59880-22
Date Collected: 03/26/20 10:23
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 14:42	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-23
Lab Sample ID: 320-59880-23
Date Collected: 03/26/20 10:35
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 15:02	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-24
Lab Sample ID: 320-59880-24
Date Collected: 03/26/20 10:38
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 15:22	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-25
Lab Sample ID: 320-59880-25
Date Collected: 03/26/20 10:40
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 16:21	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-26
Lab Sample ID: 320-59880-26
Date Collected: 03/26/20 10:40
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 16:41	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-27
Lab Sample ID: 320-59880-27
Date Collected: 03/26/20 10:43
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 17:01	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-28
Lab Sample ID: 320-59880-28
Date Collected: 03/26/20 10:45
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 17:21	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-29
Lab Sample ID: 320-59880-29
Date Collected: 03/26/20 11:42
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 17:41	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-30
Lab Sample ID: 320-59880-30
Date Collected: 03/26/20 11:43
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 18:01	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-31
Lab Sample ID: 320-59880-31
Date Collected: 03/26/20 11:45
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 18:21	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-32
Lab Sample ID: 320-59880-32
Date Collected: 03/26/20 11:45
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 18:41	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-33
Lab Sample ID: 320-59880-33
Date Collected: 03/26/20 11:46
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 19:01	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-34
Lab Sample ID: 320-59880-34
Date Collected: 03/26/20 11:47
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 19:21	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-35
Lab Sample ID: 320-59880-35
Date Collected: 03/26/20 12:02
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 19:41	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-36
Lab Sample ID: 320-59880-36
Date Collected: 03/26/20 12:02
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 20:01	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-37
Lab Sample ID: 320-59880-37
Date Collected: 03/26/20 12:15
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 20:21	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-38
Lab Sample ID: 320-59880-38
Date Collected: 03/26/20 12:16
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 20:41	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-39
Lab Sample ID: 320-59880-39
Date Collected: 03/26/20 12:28
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 21:01	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-40
Lab Sample ID: 320-59880-40
Date Collected: 03/26/20 12:29
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369493	04/02/20 11:31	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369498	04/02/20 11:38	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 21:21	K1D	TAL SAC

Lab Chronicle

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Client Sample ID: 41373.000.0014-WIPE-41

Lab Sample ID: 320-59880-41

Date Collected: 03/26/20 12:32
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369526	04/02/20 12:07	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369532	04/02/20 12:12	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 21:41	K1D	TAL SAC

Client Sample ID: 41373.000.0014-WIPE-42

Lab Sample ID: 320-59880-42

Date Collected: 03/26/20 12:33
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369526	04/02/20 12:07	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369532	04/02/20 12:12	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 22:01	K1D	TAL SAC

Client Sample ID: FIELD BLANK #1

Lab Sample ID: 320-59880-43

Date Collected: 03/26/20 00:00
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369526	04/02/20 12:07	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369532	04/02/20 12:12	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 22:21	K1D	TAL SAC

Client Sample ID: FIELD BLANK #2

Lab Sample ID: 320-59880-44

Date Collected: 03/26/20 00:00
Matrix: Wipe
Date Received: 03/31/20 09:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Pre Prep	Wipe Area					369526	04/02/20 12:07	MBG	TAL SAC
Total/NA	Prep	3550B			1 Wipe	10 mL	369532	04/02/20 12:12	MBG	TAL SAC
Total/NA	Analysis	8082		1			369871	04/03/20 22:41	K1D	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: PBS Engineering and Environmental
Job ID: 320-59880-1
Project/Site: Sky Valley Ballast

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

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
8082	3550B	Wipe	PCB-1016
8082	3550B	Wipe	PCB-1221
8082	3550B	Wipe	PCB-1232
8082	3550B	Wipe	PCB-1242
8082	3550B	Wipe	PCB-1248
8082	3550B	Wipe	PCB-1254
8082	3550B	Wipe	PCB-1260

Oregon	NELAP	4040	01-29-21

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
8082	3550B	Wipe	PCB-1016
8082	3550B	Wipe	PCB-1221
8082	3550B	Wipe	PCB-1232
8082	3550B	Wipe	PCB-1242
8082	3550B	Wipe	PCB-1248
8082	3550B	Wipe	PCB-1254
8082	3550B	Wipe	PCB-1260

Washington	State	C581	05-05-20

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
8082	3550B	Wipe	PCB-1016
8082	3550B	Wipe	PCB-1221
8082	3550B	Wipe	PCB-1232
8082	3550B	Wipe	PCB-1242
8082	3550B	Wipe	PCB-1248
8082	3550B	Wipe	PCB-1254
8082	3550B	Wipe	PCB-1260

Method Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL SAC
3550B	Ultrasonic Extraction	SW846	TAL SAC
Wipe Area	Wipe_Area	None	TAL SAC

Protocol References:

None = None

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: PBS Engineering and Environmental
Project/Site: Sky Valley Ballast

Job ID: 320-59880-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-59880-1	41373.000.0014-WIPE-01	Wipe	03/26/20 09:10	03/31/20 09:43	
320-59880-2	41373.000.0014-WIPE-02	Wipe	03/26/20 09:10	03/31/20 09:43	
320-59880-3	41373.000.0014-WIPE-03	Wipe	03/26/20 09:12	03/31/20 09:43	
320-59880-4	41373.000.0014-WIPE-04	Wipe	03/26/20 09:13	03/31/20 09:43	
320-59880-5	41373.000.0014-WIPE-05	Wipe	03/26/20 09:15	03/31/20 09:43	
320-59880-6	41373.000.0014-WIPE-06	Wipe	03/26/20 09:15	03/31/20 09:43	
320-59880-7	41373.000.0014-WIPE-07	Wipe	03/26/20 09:16	03/31/20 09:43	
320-59880-8	41373.000.0014-WIPE-08	Wipe	03/26/20 09:17	03/31/20 09:43	
320-59880-9	41373.000.0014-WIPE-09	Wipe	03/26/20 09:40	03/31/20 09:43	
320-59880-10	41373.000.0014-WIPE-10	Wipe	03/26/20 09:41	03/31/20 09:43	
320-59880-11	41373.000.0014-WIPE-11	Wipe	03/26/20 09:43	03/31/20 09:43	
320-59880-12	41373.000.0014-WIPE-12	Wipe	03/26/20 09:43	03/31/20 09:43	
320-59880-13	41373.000.0014-WIPE-13	Wipe	03/26/20 09:50	03/31/20 09:43	
320-59880-14	41373.000.0014-WIPE-14	Wipe	03/26/20 09:51	03/31/20 09:43	
320-59880-15	41373.000.0014-WIPE-15	Wipe	03/26/20 09:53	03/31/20 09:43	
320-59880-16	41373.000.0014-WIPE-16	Wipe	03/26/20 09:53	03/31/20 09:43	
320-59880-17	41373.000.0014-WIPE-17	Wipe	03/26/20 10:02	03/31/20 09:43	
320-59880-18	41373.000.0014-WIPE-18	Wipe	03/26/20 10:02	03/31/20 09:43	
320-59880-19	41373.000.0014-WIPE-19	Wipe	03/26/20 10:03	03/31/20 09:43	
320-59880-20	41373.000.0014-WIPE-20	Wipe	03/26/20 10:03	03/31/20 09:43	
320-59880-21	41373.000.0014-WIPE-21	Wipe	03/26/20 10:22	03/31/20 09:43	
320-59880-22	41373.000.0014-WIPE-22	Wipe	03/26/20 10:23	03/31/20 09:43	
320-59880-23	41373.000.0014-WIPE-23	Wipe	03/26/20 10:35	03/31/20 09:43	
320-59880-24	41373.000.0014-WIPE-24	Wipe	03/26/20 10:38	03/31/20 09:43	
320-59880-25	41373.000.0014-WIPE-25	Wipe	03/26/20 10:40	03/31/20 09:43	
320-59880-26	41373.000.0014-WIPE-26	Wipe	03/26/20 10:40	03/31/20 09:43	
320-59880-27	41373.000.0014-WIPE-27	Wipe	03/26/20 10:43	03/31/20 09:43	
320-59880-28	41373.000.0014-WIPE-28	Wipe	03/26/20 10:45	03/31/20 09:43	
320-59880-29	41373.000.0014-WIPE-29	Wipe	03/26/20 11:42	03/31/20 09:43	
320-59880-30	41373.000.0014-WIPE-30	Wipe	03/26/20 11:43	03/31/20 09:43	
320-59880-31	41373.000.0014-WIPE-31	Wipe	03/26/20 11:45	03/31/20 09:43	
320-59880-32	41373.000.0014-WIPE-32	Wipe	03/26/20 11:45	03/31/20 09:43	
320-59880-33	41373.000.0014-WIPE-33	Wipe	03/26/20 11:46	03/31/20 09:43	
320-59880-34	41373.000.0014-WIPE-34	Wipe	03/26/20 11:47	03/31/20 09:43	
320-59880-35	41373.000.0014-WIPE-35	Wipe	03/26/20 12:02	03/31/20 09:43	
320-59880-36	41373.000.0014-WIPE-36	Wipe	03/26/20 12:02	03/31/20 09:43	
320-59880-37	41373.000.0014-WIPE-37	Wipe	03/26/20 12:15	03/31/20 09:43	
320-59880-38	41373.000.0014-WIPE-38	Wipe	03/26/20 12:16	03/31/20 09:43	
320-59880-39	41373.000.0014-WIPE-39	Wipe	03/26/20 12:28	03/31/20 09:43	
320-59880-40	41373.000.0014-WIPE-40	Wipe	03/26/20 12:29	03/31/20 09:43	
320-59880-41	41373.000.0014-WIPE-41	Wipe	03/26/20 12:32	03/31/20 09:43	
320-59880-42	41373.000.0014-WIPE-42	Wipe	03/26/20 12:33	03/31/20 09:43	
320-59880-43	FIELD BLANK #1	Wipe	03/26/20 00:00	03/31/20 09:43	
320-59880-44	FIELD BLANK #2	Wipe	03/26/20 00:00	03/31/20 09:43	

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: JUSTIN H. DAY	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-31492-7547.1
Client Contact: Gregg Middaugh	Phone:	E-Mail: leeann.heathcote@testamericainc.com		Page: Page 1 of 5
Company: PBS Engineering and Environmental				Job #:
Address: 214 E. Galer Street, Suite 300	Due Date Requested:			
City: Seattle	TAT Requested (days):			
State, Zip: WA, 98102				
Phone: 206.233.9639	PO #: 41373.000.0014			
Email: Gregg.Middaugh@pbsusa.com	WO #:			
Project Name: Sky Valley Ballast	Project #: 32014082			
Site:	SSOW#:			

Analysis Requested

320-59880 Chain of Custody

EPA SW-846/2 100cm²

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
			Preservation Code:					
41373.000.0014 - WIPE - 01	3/26/2020	0910		Wipe		X	1	TECH BLD. welding on floor
" - WIPE - 02		0910		Wipe		X	1	TECH BLD. welding on window sill
" - WIPE - 03		0912		Wipe		X	1	TECH BLD - WOODSHOP East corner table top
" - WIPE-04		0913		Wipe		X	1	TECH BLD. - WOODSHOP East corner - Floor
" - WIPE-05		0915		Wipe		X	1	TECH BLD - WOODSHOP SOUTH WORKSHOP BENCH @ WALL
" - WIPE - 06	3/26/2020	0915		Wipe		X	1	TECH BLD. - WOODSHOP SOUTH FOLDING table top
" - WIPE - 07		0916		Wipe		X	1	TECH BLD. - WOODSHOP EAST CORNER FLOOR
" - WIPE - 08		0917		Wipe		X	1	TECH BLD - WOODSHOP EAST TABLE TOP NEAR BAND SAW
" - WIPE - 09		0940		Wipe		X	1	TECH BLD - WOODSHOP NORTH TOP ABS supply cabinet
" - WIPE - 10		0941		Wipe		X	1	TECH BLD. - WOODSHOP NORTH FLOOR
" - WIPE - 11	3/26/2020	0943		Wipe		X	1	TECH BLD - WOODSHOP Entry STAIRS HANDRAIL

Page 44 of 48

* All dates & times present.
** 3/31/20

4/7/2020

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	JUSTIN H. Day	3/27/2020 1200	PBS		3/31/20 943	ETA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.: 1028247	Cooler Temperature(s) °C and Other Remarks: 16 °C

* none of them had any T.A to identify them, but they were labeled on the outside with sample number

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: JUSTIN H. DAY	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-31492-7547.1
Client Contact: Gregg Middaugh	Phone:	E-Mail: leeann.heathcote@testamericainc.com		Page: Page 1 of 5
Company: PBS Engineering and Environmental				Job #:
Address: 214 E. Galer Street, Suite 300	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Seattle	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: WA, 98102				
Phone: 206.233.9639	PO #: 41373.000 .0014			Other:
Email: Gregg.Middaugh@pbsusa.com	WO #:			
Project Name: Sky Valley Ballast	Project #: 32014082			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 6W - 6020 - 100cm²	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
41373.000.0014 - WIPE - 12	3/26/2020	0943		Wipe			X	1	Tech Bld. - Woodshop Entry Floor
" - WIPE - 13		0950		Wipe			X	1	Tech Bld. - Woodshop Storage @ Entry Filing Cabinet
" - WIPE - 14		0951		Wipe			X	1	Tech Bld. - Woodshop Storage @ Entry Floor
" - WIPE - 15		0953		Wipe			X	1	Tech Bld. - Woodshop Office NE Bookcase
" - WIPE - 16	3/26/2020	0953		Wipe			X	1	Tech Bld. - Woodshop Office SE Desktop
" - WIPE - 17		1002		Wipe			X	1	Tech Bld. - Bathroom Entry Ceramic Tile
" - WIPE - 18		1002		Wipe			X	1	Tech Bld. - Bathroom Entry VFT Floor
" - WIPE - 19		1003		Wipe			X	1	Tech Bld. - Girls Restroom Floor
" - WIPE - 20		1003		Wipe			X	1	Tech Bld. - Girls Restroom Beam @ ceiling
" - WIPE - 21		1022		Wipe			X	1	Tech Bld. - Rm 23 Center VFT
" - WIPE - 22	3/26/2020	1023		Wipe			X	1	Tech Bld. - Rm 23 Computer table

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JUSTIN H. DAY	3/27/2020 1200	PBS		3/31/20 943	EPA-Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 16.9 c

• No sample ID, but were able to be identified in this list

• Add date and time are present

RE 3/31/20

4/7/2020

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: JUSTIN H. DAY	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-31492-7547.1
Client Contact: Gregg Middaugh	Phone:	E-Mail: leeann.heathcote@testamericainc.com		Page: Page 1 of 5
Company: PBS Engineering and Environmental			Analysis Requested	Job #:
Address: 214 E. Galer Street, Suite 300	Due Date Requested:			Preservation Codes:
City: Seattle	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: WA, 98102				
Phone: 206.233.9639	PO #: 41373.000 . 0014			Other:
Email: Gregg.Middaugh@pbsusa.com	WO #:			
Project Name: Sky Valley Ballast	Project #: 32014082			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA SW-846 1311	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
41373.000 0014 - WIPE - 23	3/26/2020	1035		Wipe			X	1	TECH BLD - ART RM SOUTH UNDER CHALK BOARD
" - WIPE - 24		1038		Wipe			X	1	TECH BLD - ART RM SOUTH CLASSROOM table
" - WIPE - 25		1040		Wipe			X	1	TECH BLD - ART RM NORTH FLOOR
" - WIPE - 26		1040		Wipe			X	1	TECH BLD - ART RM NORTH CABINET top
" - WIPE - 27		1043		Wipe			X	1	TECH BLD. - NW ART RM STORAGE COUNTER top
" - WIPE - 28	3/26/2020	1045		Wipe			X	1	TECH BLD. - NW ART RM STORAGE FLOOR
" - WIPE - 29		1142		Wipe			X	1	ADMIN - STAFF RM CENTER table top
" - WIPE - 30		1143		Wipe			X	1	ADMIN - STAFF RM CAT FLOOR
" - WIPE - 31		1145		Wipe			X	1	ADMIN - COPIER RM center table top
" - WIPE - 32		1145		Wipe			X	1	ADMIN - COPIER RM FLOOR
" - WIPE - 33	3/26/2020	1146		Wipe			X	1	ADMIN - men's R/R carpet entry

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JUSTIN H. DAY	3/27/2020 1200	PBS		3/31/2020 2095	EUROFINS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		16.9c

- no date x time present
- No sample ID, but were able to be identified by their lid's #

Page 46 of 48

4/7/2020

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: JUSTIN H. DAY	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No: 320-31492-7547.1
Client Contact: Gregg Middaugh	Phone:	E-Mail: leeann.heathcote@testamericainc.com		Page: Page 1 of 5
Company: PBS Engineering and Environmental				Job #:
Address: 214 E. Galer Street, Suite 300	Due Date Requested:			
City: Seattle	TAT Requested (days):			
State, Zip: WA, 98102				
Phone: 206.233.9639	PO #: 41373.000 . 0014			
Email: Gregg.Middaugh@pbsusa.com	WO #:			
Project Name: Sky Valley Ballast	Project #: 32014082			
Site:	SSOW#:			

Analysis Requested

EPA SW-846 6020 100.2

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
			Preservation Code:					
41373.000.0014-WIPE-34	3/26/2020	1147		Wipe		X	1	ADMIN - MENS RR CERAMIC FLOOR
" - WIPE - 35		1202		Wipe		X	1	ARMEX - N. STORAGE BTW A/C COUNTER TOP
" - WIPE - 36		1202		Wipe		X	1	ARMEX - N. STORAGE BTW A/C FLOOR
" - WIPE - 37		1215		Wipe		X	1	GYM - SNACK BAR DISPLAY CASE FLOOR
" - WIPE - 38	3/26/2020	1216		Wipe		X	1	GYM - SNACK BAR DISPLAY CASE OUTSIDE CASE FLOOR
" - WIPE - 39		1224		Wipe		X	1	SMALL GYM - NE STORAGE MEZZ. RAILING
" - WIPE - 40		1229		Wipe		X	1	SMALL GYM - NE STORAGE MEZZ. FLOOR
" - WIPE - 41		1232		Wipe		X	1	LARGE GYM - SOUTH STORAGE FLOOR
" - WIPE - 42	3/26/2020	1233		Wipe		X	1	LARGE GYM - SOUTH STORAGE TOP OF ELEC BOX
FIELD BLANK #1	3/26/2020	—		Wipe		X	1	BLANK
FIELD BLANK #2	3/26/2020	—		Wipe		X	1	BLANK

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
JUSTIN H. DAY	3/27/2020 1200	PBS		3/31/20 0943	EDA

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1.6c

• No sample ID. but they were able to be identified on the

• 10 time & time present. PK 3/31/20

• 4/7/2020

Login Sample Receipt Checklist

Client: PBS Engineering and Environmental

Job Number: 320-59880-1

Login Number: 59880
List Number: 1
Creator: Nuval, Mark-Anthony M

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1028247
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Refer to Job Narrative for details.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
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.	False	Refer to Job Narrative for details.
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.	N/A	
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	