2024 PCB COMPLIANCE MONITORING – AIR & WIPE SAMPLING Malibu High School

March 19, 2025

Prepared For:

Santa Monica-Malibu Unified School District Facilities Improvements Projects 2828 4th Street Santa Monica, CA 90405

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EXECUTIVE SUMMARY

On behalf of the Santa Monica-Malibu Unified School District (District), NV5 Environmental, LP (NV5) has prepared this report summarizing polychlorinated biphenyl (PCB) compliance monitoring activities completed in 2024 for select buildings within the Malibu High School campus, located at 30215 Morning View Drive, Malibu, California 90265. The sampling activities were conducted to investigate the potential presence of detectable polychlorinated biphenyl (PCB) compounds in ambient air and on non-porous surfaces, if any.

Two rounds of sampling were performed in 2024; Buildings F, I and J were sampled in August, while a second round was conducted in December for select rooms in Building J.

During the August 2024 sampling event, concentrations of PCBs were not detected above laboratory reporting limits in any of the air samples. Concentrations of PCBs were detected in surface wipe samples collected from select locations within Building F, Building I, and Building J, however only two samples from Room 711 and two samples from Room 712 were reported with concentrations above the EPA Region IX health-based benchmark of $1.0\mu g/100 cm^2$. While these surface wipe samples only slightly exceed the conservative EPA Region IX health-based benchmark for PCBs, in an abundance of caution the District performed additional best management practices cleaning at these two locations.

Following the additional cleaning, NV5 performed a follow-on sampling event for Building J Rooms 711 and 712 in December 2024. The air samples collected from these rooms, along with the ambient background sample, were reported with detectable concentrations of PCBs, however all of the results were below the USEPA criteria for evaluating indoor exposure levels at school sites. The surface wipe samples collected from these rooms were reported below the EPA Region IX health-based benchmark, except samples 711-W-1 ($5.0 \mu g/100 \text{cm}^2$), 711-W-2 ($2.2 \mu g/100 \text{cm}^2$), 712-W-1 ($1.40 \mu g/100 \text{cm}^2$), and 712-W-3 ($4.0 \mu g/100 \text{cm}^2$).

Based on the findings of PCB compliance monitoring activities completed in 2024, NV5 recommends increasing the frequency of best management practices cleaning for Building J Rooms 711 and 712 at these two locations.

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REPORTED: March 19, 2025

PROJECT NO.:

SMSD-24-12355

CLIENT: Santa Monica-Malibu Unified School District Facility Improvements Projects 2828 4th Street Santa Monica, California 90405

ATTENTION: Mr. Carey Upton

REF: PCB Compliance Sampling Report – Year 2024 Malibu High School 30215 Morning View Drive Malibu, CA, 90265

1.0 PROJECT BACKGROUND

The Santa Monica-Malibu Unified School District (District) retained NV5 Environmental, LP (NV5) to conduct air and wipe sampling services for Malibu High School, located at 30215 Morning View Drive, Malibu, CA 90265. This report presents the findings for 2024.

2.0 PURPOSE OF INSPECTION AND SAMPLING

The objective of the sampling program is to monitor concentration trends of detectable polychlorinated biphenyl (PCB) compounds in ambient air and on non-porous surfaces, if any, within select buildings on the Malibu High School campus.

3.0 SCOPE OF SERVICES

On behalf of the Santa Monica-Malibu Unified School District (District), NV5 completed two rounds of sampling in 2024; Buildings J, I and F were sampled in August, while a second round was conducted at Building J in December.

NV5 collected a total of 10 air samples and 30 surface wipe samples for the August 2024 sampling event, and a total of 4 air samples and 6 wipe samples during the December 2024 event.

4.0 METHODOLOGY

During 2024, NV5 conducted air and wipe sampling within Malibu High School Building J (4 locations), Building I (2 locations), and Building F (3 locations). Figures depicting the sample locations are presented in Appendix A.

Following collection, each sample was properly packaged, labeled, and stored within a chilled cooler pending transport to an accredited environmental testing laboratory for analysis. The wipe samples were prepared for analysis by the laboratory using EPA Method 3540 (Soxhlet extraction) and were analyzed for PCBs using EPA Method 8082. The air samples were analyzed for PCBs using EPA Method TO-10A. The following sections provide a brief overview of the methodologies employed by NV5 during sampling.

4.1 AIR SAMPLING

Each air sample was collected utilizing a calibrated pump to draw air through laboratory supplied polyurethane foam cartridges at a flow rate of approximately 5 liters per minute, for approximately 24 hours. The air samples were collected at breathing zone height and without the use of pre-filters.

4.2 WIPE SAMPLING

Each wipe sample was collected on laboratory supplied gauze pads (or similar sampling media) in general accordance with the *Standard Wipe Test* procedure described in 40 CFR 761.123.

5.0 RESULTS

5.1 AUGUST 2024

5.1.1 Air Sampling

Based on the reported laboratory results, concentrations of PCBs were not detected in any of the air samples collected during the August sampling event.

5.1.2 Wipe Sampling

Based on the reported laboratory results, concentrations of PCBs were not detected in any of the wipe samples collected during this sampling event, except for the following:

Sample Location	Sample Number	Sampling Date	<u>Total PCBs</u> (µg/100cm²) ¹
Building J, Room 700, Floor	700-W-1	8/8/24	0.0409J
Building J, Room 700, Floor (Duplicate)	700-W-1DUP	8/8/24	0.0535
Building J, Room 700, Chair (Duplicate)	700-W-3DUP	8/8/24	0.0222J
Building J, Room 711, Floor	711-W-1	8/8/24	1.35
Building J, Room 711, Bench	711-W-2	8/8/24	1.75
Building J, Room 711, Windowsill	711-W-3	8/8/24	0.0681
Building J, Room 712, Floor	712-W-1	8/8/24	1.22
Building J, Room 712, Metal Shelf	712-W-2	8/8/24	0.334
Building J, Room 712, Bench	712-W-3	8/8/24	1.11
Building J, Room 723, Floor	723-W-1	8/8/24	0.533
Building J, Room 723, Telephone Shelf	723-W-2	8/8/24	0.127
Building J, Room 723, Whiteboard	723-W-3	8/8/24	0.412
Building I, Room 401, Floor	401-W-1	8/8/24	0.107

Sample Location	Sample Number	Sampling Date	<u>Total PCBs</u> (µg/100cm²) ¹
Building I, Room 401, Windowsill	401-W-2	8/8/24	0.108
Building I, Room 401, Table	401-W-3	8/8/24	0.0594
Building I, Room 402, Floor	402-W-1	8/8/24	0.116
Building I, Room 402, Table	402-W-3	8/8/24	0.0233J
Building F, Room 302, Countertop	302-W-2	8/8/24	0.133
Building F, Room 302, Piano	302-W-3	8/8/24	0.0282J
Building F, Room 301, Floor	301-W-1	8/8/24	0.183
Building F, Room 301, Table	301-W-2	8/8/24	0.0327J

Notes:

1) μ g/100cm² = micrograms per 100 square centimeters;

2) A "J-flag" designation indicates that the reported concentration was detected above the method detection limit, but below the laboratory's practical quantitative limit.

The results of these samples were compared to the EPA Region XI health-based benchmark of $1\mu g/100 cm^2$. All surface wipe samples collected during the August sampling event were reported below the screening level benchmark, except Building J samples 711-W1 and 711-W2 collected from Room 711 and samples 712-W1 and 712-W2 collected from Room 712.

While the identified surface wipe samples collected from Building J Rooms 711 and 712 only slightly exceeded the conservative EPA Region IX health-based benchmark for PCBs, in an abundance of caution, NV5 recommended performing another round of best management practices cleaning at these two locations.

5.2 **DECEMBER 2024**

Following the additional cleaning, NV5 performed a second sampling event for Building J Rooms 711 and 712 in December 2024.

5.2.1 Air Sampling

Based on the reported laboratory results, concentrations of PCBs were only detected in the following air samples during the December sampling event:

Sample Location	Sampling Date	Sample Number	<u>Total PCBs</u> (ng/m³ <u>)</u>
Room 711	12/27/24	711-A	72
Room 712	12/27/24	712-A	52
Building J Exterior Room 711	12/27/24	Bldg J-OA	9.3

Notes:

1) ng/m³ = nanograms per cubic meter



The results of these samples were compared to the USEPA's criteria for evaluating exposure levels in indoor air at school sites, summarized in the following table.

<u>Age in Years</u> <u>Range</u>	<u>1 to <2</u>	<u>2 to <3</u>	<u>3 to <6</u>	<u>6 to <12</u>	<u>12 to <15</u>	<u>15 to <19</u>	<u> 19 +</u>
PCB Screening Level (ng/m ³)	100	100	200	300	500	600	500

All detected concentrations of PCBs in air were reported below applicable EPA screening levels.

5.2.2 Wipe Sampling

Based on the reported laboratory results, concentrations of PCBs were detected in the following wipe samples, except for the following:

Sample Location	Sample Number	Sampling Date	<u>Total PCBs</u> (µg/100cm²) ¹
Building J, Room 711, Floor	711-W-1	12/16/24	5.0
Building J, Room 711, Bench	711-W-2	12/16/24	2.2
Building J, Room 712, Floor	712-W-1	12/16/24	1.4
Building J, Room 712, Bench	712-W-3	12/16/24	4.0

Notes:

1) μ g/100cm² = micrograms per 100 square centimeters;

2) A "J-flag" designation indicates that the reported concentration was detected above the method detection limit, but below the laboratory's practical quantitative limit.

The results of these samples were compared to the EPA Region XI health-based benchmark of $1\mu g/100 cm^2$. All surface wipe samples collected during this sampling event were reported below the screening level benchmark except Building J samples 711-W1 and 711-W2 collected from Room 711 and samples 712-W1 and 712-W2 collected from Room 712.

6.0 QUALITY CONTROL

Quality control (QC) field-blank and duplicate samples were collected during this investigation as methods to evaluate sampling and analytical precision. NV5 collected 1 blank air sample and 3 duplicate surface wipe samples during the course of this investigation. Laboratory results of the QC samples were reported within acceptable limits.

American Environmental Testing Laboratory (AETL) analyzed the samples collected during the August 2024 sampling event, while Eurofins Scientific (Eurofins) analyzed the samples collected during the December 2024 sampling event. Both laboratories are accredited by the California Environmental Laboratory Accreditation Program. AETL is located in Burbank, California and is accredited by the California Environmental Laboratory Accreditation Program. Review of the laboratory quality control data associated with the sample analysis finds no significant analytical concerns.

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7.0 CONCLUSIONS

NV5 performed PCB sampling at Malibu High School to investigate the potential presence of detectable polychlorinated biphenyl (PCB) compounds in ambient air and on non-porous surfaces within Buildings J, I, and F. The findings of the August 2024 sampling event identified no concentrations of PCBs above EPA Region IX health-based screening levels, except at two locations within Building J where surface wipe samples collected from Rooms 711 and 712 were reported with Aroclor-1254 levels slightly above the $1.0\mu g/100 cm^2$ the benchmark.

Following notification from the District that additional cleaning had been performed, NV5 completed a second round of PCB sampling at Rooms 711 and 712 in December 2024. Similar to the previous event, surface wipe samples collected from Rooms 711 and 712 were reported with concentrations of Aroclor-1254 above EPA screening levels. The air samples collected during the second round of sampling were reported with detectable concentrations of Aroclor-1248, however all of the results were all below EPA screening levels.

Based on the findings of PCB compliance monitoring activities completed in 2024, NV5 recommends increasing the frequency of best management practices cleaning for Building J Rooms 711 and 712 at these two locations.

8.0 ASSUMPTIONS AND LIMITATIONS

This report was prepared exclusively for use by the District and may not be relied upon by any other person or entity without NV5's express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. NV5 cannot be responsible for the impact of any changes in environmental standards, practices, or regulations after performance of services.

In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the current standard of practice for similar types of studies.

As applicable, NV5 has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, NV5 accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

NV5 will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. NV5 makes no warranty, expressed or implied.

This report is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions, and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required.

NV5's investigation and the conclusions and recommendations generated as a result reflect a subjective evaluation of limited data and thus may not be representative of all conditions present at the site. If you have any questions, please feel free to call the undersigned at (562) 495-5777.

9.0 SIGNATORY

Respectfully submitted by:

NV5

Reviewed by:

NV5

Therese Rizarri

Project Manager

Jonathan Barkman

Project Manager

Appendix A

Figures







Appendix B

Sample Inventories

CLIENT:SMMUSDPROJECTSMSD-24-12355PROJECT:Malibu High School Compliance SamplingDate:August 2024

Building	Room Placard ID	Room Description	Sampling Date ^[a]	Sample ID	Total PCBs (ng/m ³)
J	700	Gym	8/8/2024	700-A	ND
J	711	Boy's Locker Room	8/8/2024	711-A	ND
J	712	Girl's Locker Room	8/8/2024	712-A	ND
J	723	Yoga/Dance Room	8/8/2024	723-A	ND
Ι	401	Classroom	8/8/2024	401-A	ND
I	402	Classroom	8/8/2024	402-A	ND
F	301	Classroom Enhanced Lecture	8/8/2024	301-A	ND
F	302	Band/Choir Room	8/8/2024	302-A	ND
F	303	Orchestra Room	8/8/2024	303-A	ND
Ambient	Exterior	Exterior Bldg I, Room 401	8/8/2024	401EXT-A	ND

Notes:

[a] Air samples were collected over a 24-hour period with the lights on, windows and door closed, and ventilation off. Start date given.

Laboratory Practical Quantitative Limit = 0.10 ng/m3

Laboratory Method Detection Limit = 0.05 ng/m3

ng/m³ = nanograms per cubic meter

ND = compound was analyzed for but not detected above the laboratory reporting limit

CLIENT:SMMUSDPROJECT NO:SMSD-24-12355PROJECT:Malibu High School Compliance SamplingDate:August 2024

Building	Floor Plan ID	Component Description	Sampling Date	Sample ID	Total PCBs (μg/100cm²)
		Floor	8/8/2024	700-W-1	0.0409J
	[Floor (Duplicate)	8/8/2024	700-W-1DUP	0.0535
	700	Bleacher	8/8/2024	700-W-2	ND
	,	Bleacher (Duplicate)	8/8/2024	700-W-2DUP	ND
		Chair	8/8/2024	700-W-3	ND
J		Chair (Duplicate)	8/8/2024	700-W-3DUP	0.0222J
		Floor	8/8/2024	711-W-1	1.35
	711	Bench	8/8/2024	711-W-2	1.75
		Windowsill	8/8/2024	711-W-3	0.0681
		Floor	8/8/2024	712-W-1	1.22
	712	Metal Shelf	8/8/2024	712-W-2	0.334
		Bench	8/8/2024	712-W-3	1.11
	723	Floor	8/8/2024	723-W-1	0.533
		Telephone Shelf	8/8/2024	723-W-2	0.127
		Whiteboard Sill	8/8/2024	723-W-3	0.412
		Floor	8/8/2024	401-W-1	0.107
	401	Window ledge	8/8/2024	401-W-2	0.108
	[Work Table (white)	8/8/2024	401-W-3	0.0594
1	402	Floor	8/8/2024	402-W-1	0.116
		Window ledge	8/8/2024	402-W-2	ND
		Table	8/8/2024	402-W-3	0.0233J
		Floor	8/8/2024	301-W-1	0.183
	301	Table	8/8/2024	301-W-2	0.0327J
	[Desk	8/8/2024	301-W-3	ND
F		Floor	8/8/2024	302-W-1	ND
	302	Countertop	8/8/2024	302-W-2	0.133
	[Piano	8/8/2024	302-W-3	0.0282J
		Floor	8/8/2024	303-W-1	ND
	303	Music Stand	8/8/2024	303-W-2	ND
		Instrument Rack	8/8/2024	303-W-3	ND

Notes:

Method Detection Limit = $0.02 \mu g/100 cm^2$

 μ g/100cm² = microgram per 100 square centimeters

PCB = polychlorinated biphenyl

J = A"J-flag" designation indicates that the reported concentration was detected above the method detection limit, but below the laboratory's practical quantitative limit

CLIENT:SMMUSDPROJECTSMSD-24-12355PROJECT:Malibu High School Compliance SamplingDate:December 2024

Building	Room Placard ID	Room Description	Sampling Date ^[a]	Sample ID	Total PCBs (ng/m ³)
J	711	Boy's Locker Room	12/27/2024	711-A	72
J	712	Girl's Locker Room	12/27/2024	712-A	52
Ambient	Exterior	Exterior Bldg J, walkway Room 711	12/27/2024	Bldg J-OA	9.3

Notes:

[a] Air samples were collected over a 24-hour period with the lights on, windows and door closed, and ventilation off. Start date given.

Laboratory Practical Quantitative Limit = 7.1 ng/m3

Abbreviations:

ng/m³ = nanograms per cubic meter

ND = compound was analyzed for but not detected above the laboratory reporting limit

J = A "J-flag" designation indicates that the reported concentration was detected above the method detection limit, but below the laboratory's practical quantitative limit

CLIENT:SMMUSDPROJECT NO:SMSD-24-12355PROJECT:Malibu High School Compliance SamplingDate:December 2024

Building	Floor Plan ID	Component Description	Sampling Date	Sample ID	Total PCBs (μg/100cm²)
	711	Floor	12/26/2024	711-W-1	5.0
		Bench	12/26/2024	711-W-2	2.2
Duilding		Windowsill	12/26/2024	711-W-3	ND
Bullaing J	712	Floor	12/26/2024	712-W-1	1.4
		Windowsill	12/26/2024	712-W-2	ND
		Bench	12/26/2024	712-W-3	4.0

Notes:

Laboratory Reporting Limit - 1.0µg/100cm2

 μ g/100cm² = microgram per 100 square centimeters

PCB = polychlorinated biphenyl

J = A"J-flag" designation indicates that the reported concentration was detected above the method detection limit, but below the laboratory's practical quantitative limit

Appendix C

Laboratory Reports



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jonathan Barkman NV5, Inc 3777 Long Beach Blvd, Long Beach, California 90807 Generated 1/3/2025 2:40:41 PM

JOB DESCRIPTION

Santa Monica Malibu USD

JOB NUMBER

200-76428-1

Eurofins Burlington 530 Community Drive Suite 11 South Burlington VT 05403







Eurofins Burlington

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization

Jeggy Gray - Eramann Generated

1/3/2025 2:40:41 PM

Authorized for release by Peggy Gray-Erdmann, Client Relations Manager Peggy.Gray-Erdmann@et.eurofinsus.com (716)504-9829

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Definitions/Glossary

Client: NV5, Inc Project/Site: Santa Monica Malibu USD Job ID: 200-76428-1

Glossary		3
Abbreviation	These commonly used abbreviations may or may not be present in this report.	J
☆	Listed under the "D" column to designate that the result is reported on a dry weight basis	<u> </u>
%R	Percent Recovery	
CFL	Contains Free Liquid	5
CFU	Colony Forming Unit	3
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)	8
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	9
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	12
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	

Job ID: 200-76428-1

Eurofins Burlington

CASE NARRATIVE

Client: NV5, Inc

Project: Santa Monica Malibu USD

Report Number: 200-76428-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

<u>RECEIPT</u>

The samples were received on 12/31/2024; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 14.6 C.

AROCLORS

Samples 711-A (200-76428-1), 712-A (200-76428-2), Bldg. J-OA (200-76428-3) and Blank (200-76428-4) were analyzed for Aroclors in accordance with EPA Method TO-10A. The samples were prepared on 12/31/2024 and analyzed on 01/02/2025.

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

Detection Summary

Client: NV5, Inc Project/Site: Santa Monica Malibu USD Job ID: 200-76428-1

Client Sample ID: 711-A					Lab Sa	mple ID:	200-76428-1	
Analyte Aroclor 1248	Result 0.072	Qualifier	RL 0.0071	Unit ug/m3 PUF	Dil Fac D	Method TO-10A	Prep Type Total/NA	
Client Sample ID: 712-A					Lab Sa	mple ID:	200-76428-2	5
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Ргер Туре	6
Aroclor 1248	0.052		0.0071	ug/m3 PUF	1	TO-10A	Total/NA	
Client Sample ID: Bldg. J-C	A				Lab Sa	mple ID:	200-76428-3	
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Ргер Туре	8
Aroclor 1248	0.0093		0.0071	ug/m3 PUF	1	TO-10A	Total/NA	
Client Sample ID: Blank					Lab Sa	mple ID:	200-76428-4	9

No Detections.

This Detection Summary does not include radiochemical test results.

Job ID: 200-76428-1

Matrix: Air

Lab Sample ID: 200-76428-1

Client Sample ID: 711-A Date Collected: 12/27/24 10:20 Date Received: 12/31/24 11:00

Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0071	ug/m3 PUF	_	12/31/24 12:00	01/02/25 13:59	1
Aroclor 1221	ND		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Aroclor 1232	ND		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Aroclor 1242	ND		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Aroclor 1248	0.072		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Aroclor 1254	ND		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Aroclor 1260	ND		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Aroclor 1262	ND		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Aroclor 1268	ND		0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 13:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		60 - 120			12/31/24 12:00	01/02/25 13:59	1
Tetrachloro-m-xylene	73		60 - 120			12/31/24 12:00	01/02/25 13:59	1
DCB Decachlorobiphenyl	88		60 - 120			12/31/24 12:00	01/02/25 13:59	1
DCB Decachlorobiphenyl	78		60 - 120			12/31/24 12:00	01/02/25 13:59	1

Client Sample ID: 712-A Date Collected: 12/27/24 10:42 Date Received: 12/31/24 11:00 Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air Analyte **Result Qualifier** RL Unit D Prepared Analyzed Dil Fac Aroclor 1016 ND 0.0071 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 1 Aroclor 1221 ND 0.0071 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 1 Aroclor 1232 ND 0.0071 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 1 Aroclor 1242 ND 0.0071 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 1 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 Aroclor 1248 0.052 0.0071 1 ug/m3 PUF Aroclor 1254 12/31/24 12:00 01/02/25 14:15 ND 0.0071 1 ND Aroclor 1260 0.0071 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 1 Aroclor 1262 ND 0.0071 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 1 Aroclor 1268 ND 0.0071 ug/m3 PUF 12/31/24 12:00 01/02/25 14:15 1 Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac 12/31/24 12:00 01/02/25 14:15 Tetrachloro-m-xylene 68 60 - 120 1 12/31/24 12:00 01/02/25 14:15 Tetrachloro-m-xylene 69 60 - 120 1 DCB Decachlorobiphenyl 88 60 - 120 12/31/24 12:00 01/02/25 14:15 1 DCB Decachlorobiphenyl 76 60 - 120 12/31/24 12:00 01/02/25 14:15 1

Client Sample ID: Bldg. J-OA Date Collected: 12/27/24 10:35

Date Received: 12/31/24 11:00 Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 14:32	1
Aroclor 1221	ND	0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 14:32	1
Aroclor 1232	ND	0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 14:32	1
Aroclor 1242	ND	0.0071	ug/m3 PUF		12/31/24 12:00	01/02/25 14:32	1

Eurofins Burlington

Lab Sample ID: 200-76428-2 Matrix: Air

Lab Sample ID: 200-76428-3

c: Air

Matrix: Air

Client Sample Results

RL

0.0071

0.0071

0.0071

0.0071

0.0071

Limits

60 - 120

60 - 120

60 - 120

60 - 120

Unit

ug/m3 PUF

ug/m3 PUF

ug/m3 PUF

ug/m3 PUF

ug/m3 PUF

Job ID: 200-76428-1

Client Sample ID: Bldg. J-OA Date Collected: 12/27/24 10:35 Date Received: 12/31/24 11:00 Sample Container: PUF

Analyte

Aroclor 1248

Aroclor 1254

Aroclor 1260

Aroclor 1262

Aroclor 1268

Surrogate

Tetrachloro-m-xylene

Tetrachloro-m-xylene

DCB Decachlorobiphenyl

DCB Decachlorobiphenyl

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

Result Qualifier

0.0093

ND

ND

ND

ND

%Recovery Qualifier

72

72

82

76

Lab Sample ID: 200-76428-3

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

12/31/24 12:00 01/02/25 14:32

Lab Sample ID: 200-76428-4

Analyzed

Analyzed

Prepared

Prepared

D

Matrix: Air

Dil Fac

1

1

1

1

1

1

1

1

Dil Fac

Matrix: Air

Client Sample ID: Blank

Date Collected: 12/26/24 00:00 Date Received: 12/31/24 11:00 Sample Container: PUF

Method: EPA TO-10A - PC	CBs in Ambient	Air						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1221	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1232	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1242	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1248	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1254	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1260	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1262	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Aroclor 1268	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 14:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		60 - 120			12/31/24 12:00	01/02/25 14:49	1
Tetrachloro-m-xylene	73		60 - 120			12/31/24 12:00	01/02/25 14:49	1
DCB Decachlorobiphenyl	88		60 - 120			12/31/24 12:00	01/02/25 14:49	1
DCB Decachlorobiphenyl	84		60 - 120			12/31/24 12:00	01/02/25 14:49	1

Method: TO-10A - PCBs in Ambient Air Matrix: Air

Prep Type: Total/NA

-			Pe	ercent Surro	ogate Recove	ry (Acceptance Limits)	
		TCX1	TCX2	DCBP1	DCBP2		
Lab Sample ID	Client Sample ID	(60-120)	(60-120)	(60-120)	(60-120)		
200-76428-1	711-A	71	73	88	78		
200-76428-2	712-A	68	69	88	76		
200-76428-3	Bldg. J-OA	72	72	82	76		
200-76428-4	Blank	72	73	88	84		- 5
LCS 200-212486/2-B	Lab Control Sample	68	72	87	82		
LCSD 200-212486/3-B	Lab Control Sample Dup	80	79	88	86		
MB 200-212486/1-B	Method Blank	74	77	86	80		
Surrogate Legend							
TCX = Tetrachloro-m-x	ylene probiphenyl						1
							1

Method: TO-10A - PCBs in Ambient Air

Lab Sample ID: MB 200-212486/1-B Matrix: Air Analysis Batch: 212513

-	MB	МВ					-	
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.050	ug/m3 PUF	-	12/31/24 12:00	01/02/25 13:08	1
Aroclor 1221	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
Aroclor 1232	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
Aroclor 1242	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
Aroclor 1248	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
Aroclor 1254	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
Aroclor 1260	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
Aroclor 1262	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
Aroclor 1268	ND		0.050	ug/m3 PUF		12/31/24 12:00	01/02/25 13:08	1
	MB	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		60 - 120			12/31/24 12:00	01/02/25 13:08	1
Tetrachloro-m-xylene	77		60 - 120			12/31/24 12:00	01/02/25 13:08	1
DCB Decachlorobiphenyl	86		60 - 120			12/31/24 12:00	01/02/25 13:08	1
DCB Decachlorobiphenyl	80		60 - 120			12/31/24 12:00	01/02/25 13:08	1

Lab Sample ID: LCS 200-212486/2-B Matrix: Air Analysis Batch: 212513

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Aroclor 1016	 0.500	0.407		ug/m3 PUF	_	81	65 - 125	
Aroclor 1260	0.500	0.439		ug/m3 PUF		88	65 - 125	

	LCS LCS							
Surrogate	%Recovery	Qualifier	Limits					
Tetrachloro-m-xylene	68		60 - 120					
Tetrachloro-m-xylene	72		60 - 120					
DCB Decachlorobiphenyl	87		60 - 120					
DCB Decachlorobiphenyl	82		60 - 120					

Lab Sample ID: LCSD 200-212486/3-B Matrix: Air Analysis Batch: 212513

Client Sample ID: Lab Control Sample Du	ıp

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 212487

Duen Tunes Tetel/NA

Matrix. All									гер ту	pe. roi	al/INA
Analysis Batch: 212513									Prep Ba	atch: 2	12487
			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016			0.500	0.432		ug/m3 PUF	_	86	65 - 125	6	30
Aroclor 1260			0.500	0.452		ug/m3 PUF		90	65 - 125	3	30
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
Tetrachloro-m-xylene	80		60 - 120								
Tetrachloro-m-xylene	79		60 - 120								
DCB Decachlorobiphenyl	88		60 - 120								
DCB Decachlorobiphenyl	86		60 - 120								

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 212487

QC Association Summary

Air - GC Semi VOA

Pre Prep Batch: 212486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-76428-1	711-A	Total/NA	Air	PUF to Air	
200-76428-2	712-A	Total/NA	Air	PUF to Air	
200-76428-3	Bldg. J-OA	Total/NA	Air	PUF to Air	
200-76428-4	Blank	Total/NA	Air	PUF to Air	
MB 200-212486/1-B	Method Blank	Total/NA	Air	PUF to Air	
LCS 200-212486/2-B	Lab Control Sample	Total/NA	Air	PUF to Air	
LCSD 200-212486/3-B	Lab Control Sample Dup	Total/NA	Air	PUF to Air	

Prep Batch: 212487

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
200-76428-1	711-A	Total/NA	Air	3541	212486
200-76428-2	712-A	Total/NA	Air	3541	212486
200-76428-3	Bldg. J-OA	Total/NA	Air	3541	212486
200-76428-4	Blank	Total/NA	Air	3541	212486
MB 200-212486/1-B	Method Blank	Total/NA	Air	3541	212486
LCS 200-212486/2-B	Lab Control Sample	Total/NA	Air	3541	212486
LCSD 200-212486/3-B	Lab Control Sample Dup	Total/NA	Air	3541	212486

Analysis Batch: 212513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-76428-1	711-A	Total/NA	Air	TO-10A	212487
200-76428-2	712-A	Total/NA	Air	TO-10A	212487
200-76428-3	Bldg. J-OA	Total/NA	Air	TO-10A	212487
200-76428-4	Blank	Total/NA	Air	TO-10A	212487
MB 200-212486/1-B	Method Blank	Total/NA	Air	TO-10A	212487
LCS 200-212486/2-B	Lab Control Sample	Total/NA	Air	TO-10A	212487
LCSD 200-212486/3-B	Lab Control Sample Dup	Total/NA	Air	TO-10A	212487

Job ID: 200-76428-1

Matrix: Air

Matrix: Air

Matrix: Air

Lab Sample ID: 200-76428-1

Lab Sample ID: 200-76428-2

Lab Sample ID: 200-76428-3

Client Sample ID: 711-A Date Collected: 12/27/24 10:20 Date Received: 12/31/24 11:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Pre Prep	PUF to Air			212486	AP	EET BUR	12/31/24 11:35
Total/NA	Prep	3541			212487	AP	EET BUR	12/31/24 12:00
Total/NA	Analysis	TO-10A		1	212513	RWM	EET BUR	01/02/25 13:59

Client Sample ID: 712-A Date Collected: 12/27/24 10:42 Date Received: 12/31/24 11:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Pre Prep	PUF to Air			212486	AP	EET BUR	12/31/24 11:35
Total/NA	Prep	3541			212487	AP	EET BUR	12/31/24 12:00
Total/NA	Analysis	TO-10A		1	212513	RWM	EET BUR	01/02/25 14:15

Client Sample ID: Bldg. J-OA Date Collected: 12/27/24 10:35 Date Received: 12/31/24 11:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Pre Prep	PUF to Air			212486	AP	EET BUR	12/31/24 11:35
Total/NA	Prep	3541			212487	AP	EET BUR	12/31/24 12:00
Total/NA	Analysis	TO-10A		1	212513	RWM	EET BUR	01/02/25 14:32

Client Sample ID: Blank Date Collected: 12/26/24 00:00 Date Received: 12/31/24 11:00

Lab Sample ID: 200-76428-4

Matrix: Air

-	Patab	Potob		Dilution	Potob			Broporod
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Pre Prep	PUF to Air			212486	AP	EET BUR	12/31/24 11:35
Total/NA	Prep	3541			212487	AP	EET BUR	12/31/24 12:00
Total/NA	Analysis	TO-10A		1	212513	RWM	EET BUR	01/02/25 14:49

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-19-25
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-25
New Hampshire	NELAP	2006	12-18-25
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-25
Pennsylvania	NELAP	68-00489	04-30-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-353-27750	12-19-26
Vermont	State	VT4000	02-10-25
Virginia	NELAP	460209	12-14-25
Wisconsin	State	399140830	08-31-25

Method	Method Description	Protocol	Laboratory
TO-10A	PCBs in Ambient Air	EPA	EET BUR
3541	Automated Soxhlet Extraction	SW846	EET BUR
PUF to Air	PUF to Air Conversion	None	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: NV5, Inc Project/Site: Santa Monica Malibu USD Job ID: 200-76428-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-76428-1	711-A	Air	12/27/24 10:20	12/31/24 11:00
200-76428-2	712-A	Air	12/27/24 10:42	12/31/24 11:00
200-76428-3	Bldg. J-OA	Air	12/27/24 10:35	12/31/24 11:00
200-76428-4	Blank	Air	12/26/24 00:00	12/31/24 11:00

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2841 D For co	ow Avenue, Suite 100, Tustin, CA uner service / sample drop off Info	A 92780 • (714) -	895-5494 us26_sales@eui	rofinsus.com or call us					00-76428	S Chain	of Cus	tody			1	9	, AGE:	-	Ĭ	- H	
LABOR	atory client \mathcal{NVS}							CLIENT P	ROJECT N	AME / NO						PO	9				
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J															\$	3 A	~	<i>~</i>	6	24] ø

Login Sample Receipt Checklist

Client: NV5, Inc

Login Number: 76428 List Number: 1 Creator: Reynolds, Jamie K

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td>Lab does not accept radioactive samples.</td>	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	14.6°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Job Number: 200-76428-1

List Source: Eurofins Burlington



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jonathan Barkman NV5, Inc 3777 Long Beach Blvd, Long Beach, California 90807 Generated 1/7/2025 1:49:28 PM

JOB DESCRIPTION

SMSD-24-12355

JOB NUMBER

570-212463-1

Eurofins Calscience 2841 Dow Avenue, Suite 100 Tustin CA 92780







Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Patel

Generated 1/7/2025 1:49:28 PM

Authorized for release by Vikas Patel, Project Manager I Vikas.Patel@et.eurofinsus.com (714)895-5494

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Certification Summary	14
Method Summary	15
Sample Summary	16
Chain of Custody	17
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Qualifiers

Qualifier	ers	3
GC Semi V	VOA	
Qualifier	Qualifier Description	
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
*1	LCS/LCSD RPD exceeds control limits.	5.

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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-212463-1

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Job Narrative 570-212463-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/27/2024 3:02 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 23.5°C.

PCBs

Method 8082: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 570-518824 and analytical batch 570-519175 recovered outside control limits for the following analytes: Aroclor-1260. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8082: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-518824 and analytical batch 570-519175 recovered outside control limits for the following analytes: Aroclor-1260.

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

Detection Summary

Client: NV5, Inc Project/Site: SMSD-24-12355

Job ID: 570-212463-1

Client Sample ID: 711-W-1					Lab Sa	mple ID: 5	570-212463-1	
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type	
Aroclor-1254	5.0		1.0	ug/Sample	1	8082	Total/NA	
Client Sample ID: 711-W-2					Lab Sa	mple ID: 5	70-212463-2	5
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type	6
Aroclor-1254	2.2		1.0	ug/Sample	1	8082	Total/NA	
Client Sample ID: 711-W-3					Lab Sa	mple ID: 5	70-212463-3	
No Detections.								8
Client Sample ID: 712-W-1					Lab Sa	mple ID: 5	70-212463-4	
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Туре	9
Aroclor-1254	1.4		1.0	ug/Sample	1	8082	Total/NA	
Client Sample ID: 712-W-2					Lab Sa	mple ID: 5	70-212463-5	
No Detections.								
Client Sample ID: 712-W-3					Lab Sa	mple ID: 5	70-212463-6	
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Ргер Туре	13
Aroclor-1254	4.0		1.0	ug/Sample	1	8082	Total/NA	

This Detection Summary does not include radiochemical test results.

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: 711-W-1 Date Collected: 12/26/24 11:10

Data Dessived: 42/27/24 45:02

Lab Sample ID: 570-212463-1 Matrix: Wipe

Date Received: 12/27/24 1	5:02						
Analyte	Result Qua	alifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	1.0	ug/Sample	_	12/30/24 11:50	12/31/24 23:15	1
Aroclor-1221	ND	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Aroclor-1232	ND	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Aroclor-1242	ND	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Aroclor-1248	ND	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Aroclor-1254	5.0	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Aroclor-1260	ND *+ *	[•] 1 1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Aroclor-1262	ND	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Aroclor-1268	ND	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:15	1
Surrogate	%Recovery Qua	alifier Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	119	24 - 136			12/30/24 11:50	12/31/24 23:15	1

37 - 135

12/30/24 11:50 12/31/24 23:15 Lab Sample ID: 570-212463-2

12/30/24 11:50 12/31/24 23:34

Lab Sample ID: 570-212463-3

Matrix: Wipe

1

Matrix: Wipe

1

Client Sample ID: 711-W-2 Date Collected: 12/26/24 11:15 Date Received: 12/27/24 15:02

DCB Decachlorobiphenyl (Surr)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1221	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1232	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1242	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1248	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1254	2.2		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1260	ND	*+ *1	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1262	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Aroclor-1268	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xvlene (Surr)			24 - 136			12/30/24 11:50	12/31/24 23:34	1

U	•		
Tetrachloro-m-xylene (Surr)	114	24 - 136	
DCB Decachlorobiphenyl (Surr)	107	37 - 135	

108

Client Sample ID: 711-W-3 Date Collected: 12/26/24 11:20 Date Received: 12/27/24 15:02

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1221	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1232	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1242	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1248	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1254	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1260	ND	*+ *1	1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1262	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Aroclor-1268	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 23:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	115		24 - 136			12/30/24 11:50	12/31/24 23:53	1
DCB Decachlorobiphenyl (Surr)	112		37 - 135			12/30/24 11:50	12/31/24 23:53	1

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Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: 712-W-1

DCB Decachlorobiphenyl (Surr)

Client Sample ID: 712-W-2

Date Collected: 12/26/24 11:35

Date Received: 12/27/24 15:02

Date Collected: 12/26/24 11:30

Lab Sample ID: 570-212463-4 Matrix: Wipe

Date Received: 12/2//24 1	5:02							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1221	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1232	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1242	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1248	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1254	1.4		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1260	ND	*+ *1	1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1262	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Aroclor-1268	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	112		24 - 136			12/30/24 11:50	01/01/25 00:12	1

37 - 135

Lab Sample ID: 570-212463-5 Matrix: Wipe

Lab Sample ID: 570-212463-6

12/30/24 11:50 01/01/25 00:12

Dil Fac Analyte **Result Qualifier** Unit RL D Prepared Analyzed Aroclor-1016 ND 1.0 ug/Sample 12/30/24 11:50 01/01/25 00:31 1 Aroclor-1221 ND 1.0 ug/Sample 12/30/24 11:50 01/01/25 00:31 1 Aroclor-1232 ND 1.0 ug/Sample 12/30/24 11:50 01/01/25 00:31 1 Aroclor-1242 ND 1.0 ug/Sample 12/30/24 11:50 01/01/25 00:31 1 Aroclor-1248 ND 1.0 ug/Sample 12/30/24 11:50 01/01/25 00:31 1 Aroclor-1254 ND ug/Sample 12/30/24 11:50 01/01/25 00:31 1.0 1 Aroclor-1260 ND *+ *1 1.0 ug/Sample 12/30/24 11:50 01/01/25 00:31 1 Aroclor-1262 ND ug/Sample 12/30/24 11:50 01/01/25 00:31 1.0 1 Aroclor-1268 ND 1.0 ug/Sample 12/30/24 11:50 01/01/25 00:31 1 Surrogate %Recovery Qualifier l imite Prepared Analyzed Dil Fac 4 11:50 01/01/25 00:31 1

Surroyate	/Minecovery	Quanner	Linits	riepaieu	Analyzeu
Tetrachloro-m-xylene (Surr)	113		24 - 136	12/30/24 11:50	01/01/25 00:31
DCB Decachlorobiphenyl (Surr)	107		37 - 135	12/30/24 11:50	01/01/25 00:31

109

Client Sample ID: 712-W-3 Date Collected: 12/26/24 11:40 Date Received: 12/27/24 15:02

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1221	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1232	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1242	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1248	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1254	4.0		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1260	ND	*+ *1	1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1262	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Aroclor-1268	ND		1.0	ug/Sample		12/30/24 11:50	01/01/25 00:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	113		24 - 136			12/30/24 11:50	01/01/25 00:49	1
DCB Decachlorobiphenyl (Surr)	107		37 - 135			12/30/24 11:50	01/01/25 00:49	1

1

Matrix: Wipe

1

Surrogate Summary

Job ID: 570-212463-1

Prep Type: Total/NA

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

-			Pe
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(24-136)	(37-135)
570-212463-1	711-W-1	119	108
570-212463-2	711-W-2	114	107
570-212463-3	711-W-3	115	112
570-212463-4	712-W-1	112	109
570-212463-5	712-W-2	113	107
570-212463-6	712-W-3	113	107
LCS 570-518824/2-A	Lab Control Sample	114	107
LCSD 570-518824/3-A	Lab Control Sample Dup	109	110
MB 570-518824/1-A	Method Blank	110	115

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

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

Lab Sample ID: MB 570-518824/1-A Matrix: Wipe

Analysis Batch: 519175

-								
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1221	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1232	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1242	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1248	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1254	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1260	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1262	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
Aroclor-1268	ND		1.0	ug/Sample		12/30/24 11:50	12/31/24 22:56	1
	MB	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)			24 - 136			12/30/24 11:50	12/31/24 22:56	1
DCB Decachlorobiphenyl (Surr)	115		37 - 135			12/30/24 11:50	12/31/24 22:56	1

Lab Sample ID: LCS 570-518824/2-A Matrix: Wipe Analysis Batch: 519175

-	:	Spike	LCS	LCS				%Rec	
Analyte	Α	dded	Result	Qualifier	Unit	D	%Rec	Limits	
Aroclor-1016		2.00	2.311		ug/Sample	_	116	46 - 131	
Aroclor-1260		2.00	3.460	*+	ug/Sample		173	40 - 150	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene (Surr)	114		24 - 136
DCB Decachlorobiphenyl (Surr)	107		37 - 135

Lab Sample ID: LCSD 570-518824/3-A Matrix: Wipe

Analysis Batch: 519175

-			Spike	LCSD	LCSD	
Analyte			Added	Result	Qualifier	Unit
Aroclor-1016			2.00	2.443		ug/S
Aroclor-1260			2.00	2.272	*1	ug/S
	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
Tetrachloro-m-xylene (Surr)	109		24 - 136			
DCB Decachlorobiphenyl (Surr)	110		37 - 135			

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 518824

5

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

Client Sample ID: Lab Control Sample Dup

D %Rec

122

114

ug/Sample

ug/Sample

%Rec

Limits

40 - 150

46 - 131

Prep Batch: 518824

Prep Type: Total/NA

Prep Batch: 518824

RPD

32

36

RPD Limit

6

QC Association Summary

9

GC Semi VOA

Prep Batch: 518824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-212463-1	711-W-1	Total/NA	Wipe	3540C	
570-212463-2	711-W-2	Total/NA	Wipe	3540C	
570-212463-3	711-W-3	Total/NA	Wipe	3540C	
570-212463-4	712-W-1	Total/NA	Wipe	3540C	
570-212463-5	712-W-2	Total/NA	Wipe	3540C	
570-212463-6	712-W-3	Total/NA	Wipe	3540C	
MB 570-518824/1-A	Method Blank	Total/NA	Wipe	3540C	
LCS 570-518824/2-A	Lab Control Sample	Total/NA	Wipe	3540C	
LCSD 570-518824/3-A	Lab Control Sample Dup	Total/NA	Wipe	3540C	
Analysis Batch: 5191	75				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-212463-1	711-W-1	Total/NA	Wipe	8082	518824
570-212463-2	711-W-2	Total/NA	Wipe	8082	518824
570-212463-3	711-W-3	Total/NA	Wipe	8082	518824

570-212463-3711-W-3Total/NAWipe8082518824570-212463-4712-W-1Total/NAWipe8082518824570-212463-5712-W-2Total/NAWipe8082518824570-212463-6712-W-3Total/NAWipe8082518824MB 570-518824/1-AMethod BlankTotal/NAWipe8082518824LCS 570-518824/2-ALab Control SampleTotal/NAWipe8082518824LCSD 570-518824/3-ALab Control Sample DupTotal/NAWipe8082518824	570-212463-2	711-W-2	Total/NA	Wipe	8082	518824	
570-212463-4 712-W-1 Total/NA Wipe 8082 518824 570-212463-5 712-W-2 Total/NA Wipe 8082 518824 570-212463-6 712-W-3 Total/NA Wipe 8082 518824 MB 570-518824/1-A Method Blank Total/NA Wipe 8082 518824 LCS 570-518824/2-A Lab Control Sample Total/NA Wipe 8082 518824 LCSD 570-518824/3-A Lab Control Sample Dup Total/NA Wipe 8082 518824	570-212463-3	711-W-3	Total/NA	Wipe	8082	518824	
570-212463-5 712-W-2 Total/NA Wipe 8082 518824 570-212463-6 712-W-3 Total/NA Wipe 8082 518824 MB 570-518824/1-A Method Blank Total/NA Wipe 8082 518824 LCS 570-518824/2-A Lab Control Sample Dup Total/NA Wipe 8082 518824 LCS 570-518824/3-A Lab Control Sample Dup Total/NA Wipe 8082 518824	570-212463-4	712-W-1	Total/NA	Wipe	8082	518824	
570-212463-6 712-W-3 Total/NA Wipe 8082 518824 MB 570-518824/1-A Method Blank Total/NA Wipe 8082 518824 LCS 570-518824/2-A Lab Control Sample Total/NA Wipe 8082 518824 LCS 570-518824/3-A Lab Control Sample Dup Total/NA Wipe 8082 518824	570-212463-5	712-W-2	Total/NA	Wipe	8082	518824	
MB 570-518824/1-A Method Blank Total/NA Wipe 8082 518824 LCS 570-518824/2-A Lab Control Sample Total/NA Wipe 8082 518824 LCSD 570-518824/3-A Lab Control Sample Dup Total/NA Wipe 8082 518824	570-212463-6	712-W-3	Total/NA	Wipe	8082	518824	
LCS 570-518824/2-A Lab Control Sample Total/NA Wipe 8082 518824 LCSD 570-518824/3-A Lab Control Sample Dup Total/NA Wipe 8082 518824	MB 570-518824/1-A	Method Blank	Total/NA	Wipe	8082	518824	
LCSD 570-518824/3-A Lab Control Sample Dup Total/NA Wipe 8082 518824	LCS 570-518824/2-A	Lab Control Sample	Total/NA	Wipe	8082	518824	
	LCSD 570-518824/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082	518824	

Client Sample ID: 711-W-1 Date Collected: 12/26/24 11:10 Date Received: 12/27/24 15:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	518824	12/30/24 11:50	UFLU	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	519175	12/31/24 23:15	SP9M	EET CAL 4
	Instrumer	nt ID: GC58								

Client Sample ID: 711-W-2 Date Collected: 12/26/24 11:15 Date Received: 12/27/24 15:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	518824	12/30/24 11:50	UFLU	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	519175	12/31/24 23:34	SP9M	EET CAL 4
	Instrumen	t ID: GC58								

Client Sample ID: 711-W-3 Date Collected: 12/26/24 11:20

Date Received: 12/27/24 15:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	518824	12/30/24 11:50	UFLU	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	519175	12/31/24 23:53	SP9M	EET CAL 4
	Instrumer	nt ID: GC58								

Client Sample ID: 712-W-1 Date Collected: 12/26/24 11:30

Date Received: 12/27/24 15:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	518824	12/30/24 11:50	UFLU	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	519175	01/01/25 00:12	SP9M	EET CAL 4
	Instrumer	t ID: GC58								

Client Sample ID: 712-W-2 Date Collected: 12/26/24 11:35 Date Received: 12/27/24 15:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	518824	12/30/24 11:50	UFLU	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	519175	01/01/25 00:31	SP9M	EET CAL 4
	Instrumer	t ID: GC58								

Job ID: 570-212463-1

Matrix: Wipe

Matrix: Wipe

Matrix: Wipe

Matrix: Wipe

Lab Sample ID: 570-212463-1

Lab Sample ID: 570-212463-2

1 2 3 4 5 6 7 8 9 9 10

Lab Sample ID: 570-212463-3 Matrix: Wipe

Lab Sample ID: 570-212463-4

Lab Sample ID: 570-212463-5

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Matrix: Wipe

5 6 7

10

Lab Sample ID: 570-212463-6

Client Sample ID: 712-W-3 Date Collected: 12/26/24 11:40 Date Received: 12/27/24 15:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	518824	12/30/24 11:50	UFLU	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	519175	01/01/25 00:49	SP9M	EET CAL 4
	Instrumer	t ID: GC58								

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

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Client: NV5, Inc Project/Site: SMSD-24-12355 Job ID: 570-212463-1

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0830	11-16-25
Arkansas DEQ	State	88-01672	07-02-25
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	State	3082	07-31-25
Kansas	NELAP	E-10420	07-31-25
Nevada	State	CA00111	07-31-25
Oregon	NELAP	4175	02-02-25
USDA	US Federal Programs	525-23-159-97150	06-08-26
Washington	State	C916	10-11-25

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Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
3540C	Soxhlet Extraction	SW846	EET CAL 4

Protocol References:

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

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: NV5, Inc Project/Site: SMSD-24-12355 Job ID: 570-212463-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-212463-1	711-W-1	Wipe	12/26/24 11:10	12/27/24 15:02
570-212463-2	711-W-2	Wipe	12/26/24 11:15	12/27/24 15:02
570-212463-3	711-W-3	Wipe	12/26/24 11:20	12/27/24 15:02
570-212463-4	712-W-1	Wipe	12/26/24 11:30	12/27/24 15:02
570-212463-5	712-W-2	Wipe	12/26/24 11:35	12/27/24 15:02
570-212463-6	712-W-3	Wipe	12/26/24 11:40	12/27/24 15:02

CHAIN-OF-CUSTODY RECORD

Environment Testing

Calscience 2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

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Loc: 570 212463

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DATE: 12/27/24 PAGE: L OF L

Login Sample Receipt Checklist

Client: NV5, Inc

Login Number: 212463 List Number: 1 Creator: Patel, Jayesh

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

Job Number: 570-212463-1

List Source: Eurofins Calscience

