

September 29, 2015

City of Seattle
700 5th Avenue, Suite 4112
P.O. Box 94687
Seattle, Washington 98124-4687

RE: Interbay Property Air Sampling

Argus Pacific Project #BA157137

Dear Ms. Thompson:

At your request, Argus Pacific, Inc. (Argus Pacific) provided area sampling at the Seattle City Light property located at 3240 17th Avenue West in Seattle, Washington. The purpose of this sampling was to determine if the chlorinated solvents and petroleum hydrocarbons present in the soil are volatilizing into the air. This sampling was limited to the south end of the property

Background

At the time of sampling, the south end of the 3240 17th Avenue West property was vacant. The north end of the lot is used as a storage area for utility poles used by Seattle City Light. Argus Pacific understands that chlorinated solvents and total petroleum hydrocarbons (TPHs) were identified in the soil in the *Phase II Environmental Site Assessment* document submitted to the City of Seattle by Herrera Environmental Consultants, dated December 7, 2000. City of Seattle representatives requested that Argus Pacific conduct air sampling for the chlorinated solvents and TPHs identified in the Phase II report.

Methods

Mr. Conor Foley, industrial hygienist with Argus Pacific, set up four sampling stations at the south end of the property and began sampling on September 9, 2015. Mr. Foley attached 3M 3500 organic vapor badges for diesel fuel and TPHs, and Assay Technology N566 organic vapor badges for the following chlorinated solvents at each of the for sampling stations positioned at the north, south, east and west ends of the targeted area:

- Tetrachloroethylene
- Trichloroethylene
- 1,1,2-Trichloroethane
- 1,2-Dichloroethane
- cis-1,2-Dichloroethylene
- Vinyl chloride

The first set of samples remained on site sampling for approximately 12 hours. At the end of the first 12-hour sampling period, the badges were changed out with a second set of organic vapor badges to sample for another 12 hours in order to acquire 24 hours of sampling data. Argus Pacific returned to the site on September 10, 2015 after the second 12-hour sampling to collect the samples.

When the samples were changed after the first sampling period, the 3M 3500 organic sampling badge for diesel fuel and TPHs was not replaced on the east sampling station. On September 10, 2015, Mr. Foley placed a sample at the east location and sampled during the same nighttime window that the other three samples (north, south and west) were collected the previous evening. A control sample was also collected at the south end of the property during this time. Mr. Peter Snider, industrial hygienist with Argus Pacific, collected the samples on September 11, 2015, 12 hours after they were started.

All samples were capped and shipped to SGS Galson Laboratories in East Syracuse, New York for analysis by the following methods:

- 1,1,2-Trichloroethane – NIOSH 1003
- 1,2-Dichloroethane – NIOSH 1003
- Tetrachloroethylene – NIOSH 1003
- Trichloroethylene – NIOSH 1022
- Vinyl Chloride – NIOSH 1007
- cis-1,2-Dichloroethylene – NIOSH 1003
- Total hydrocarbons – NIOSH 1500/1501
- Diesel fuel – NIOSH 1550

Results

Chlorinated solvents were not detected above the laboratory limit of detection. The laboratory limit of detection is well below the Washington State Division of Occupational Safety and Health (DOSH) permissible exposure limit (PEL) for each analyte. See the attached table for full results and comparisons to applicable exposure limits.

TPHs were not detected above the laboratory limit of detection. The highest laboratory limit of detection was 0.51 parts per million (ppm). See the attached table for full results. Results for TPH analysis are based on the response of n-Hexane and were collected for screening purposes. These screening results do not warrant further investigation into any specific volatile organic compounds.

Diesel fuel was not detected above the laboratory limit of detection. The highest laboratory limit of detection was 1.0 ppm. See the attached table for full results. Diesel fuel is a mixture of components and the molecular weight used to calculate the results was 170 grams per mole of the substance. Diesel fuel was used to estimate the volatility of heavy oil present in the soil.

Conclusions

Based on the sampling results, chlorinated solvents, TPHs and heavy oil identified in the Phase II report were not volatilizing into air in quantities above their respective laboratory limits of detection or above applicable state occupational exposure limits.

Limitations

Argus Pacific performed this air sampling in accordance with generally accepted industrial hygiene standards of care that is exercised by reputable industrial hygiene firms in Seattle at the time of the assessment. This report does not represent all conditions at the subject site as it only reflects the information gathered from specific areas at the time of our assessment. Observation or sampling of other areas was not within the scope of Argus Pacific's work and was not performed. This report was prepared pursuant to the contract Argus Pacific has with the client. Unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, express or implied in this report, are made to any such third party.

Should you have any questions, concerns or need of additional information, please do not hesitate to call Argus Pacific at 206.285.3373.

Sincerely,

Reviewed by,

Conor Foley
Project Manager
Argus Pacific, Inc.


Alex Peck, CIH
Industrial Hygiene Department Manager
Terracon, Inc.

Attachments:

Table 1: Chlorinated Solvents Daytime Results

Table 2: Chlorinated Solvents Nighttime Results

Table 3: TPH and Diesel Fuel Daytime Results

Table 4: TPH and Diesel Fuel Daytime Results

SGS Galson Laboratory Analysis Report, Login # L355719, September 24, 2015

Table 1. Chlorinated Solvent Results
3240 17th Ave West Property
September 9, 2015 Daytime



Location	Tetrachloroethylene	Trichloroethylene	1,1,2-Trichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethylene	Vinyl Chloride
North-CL-01	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.04 ppm
West-CL-01	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.04 ppm
South-CL-01	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.04 ppm
East-CL-01	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.04 ppm
DOSH TWA PEL	25 ppm	50 ppm	10 ppm	1 ppm	200 ppm	1 ppm
ACGIH TWA TLV	25 ppm	10 ppm	10 ppm	10 ppm	200 ppm	5 ppm
<p><i>Notes:</i> < = Less than laboratory limit of detection ppm = parts per million DOSH TWA PEL = Washington State Division of Occupational Safety and Health Permissible Exposure Limit as an 8-hour time-weighted average ACGIH TWA TLV = American Conference of Governmental Industrial Hygienists Threshold Limit Value as an 8-hour time-weighted average PEL = Permissible Exposure Limit as an 8-hour time-weighted average</p>						

Table 2. Chlorinated Solvent Results
3240 17th Ave West Property
September 9, 2015 Nighttime



Location	Tetrachloroethylene	Trichloroethylene	1,1,2-Trichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethylene	Vinyl Chloride
North-CL-02	<0.1 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.03 ppm
West-CL-02	<0.1 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.03 ppm
South-CL-02	<0.1 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.03 ppm
East-CL-02	<0.1 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.2 ppm	<0.03 ppm
CL-Blank	<5 µg	<5 µg	<5 µg	<5 µg	<5 µg	<5 µg
DOSH TWA PEL	25 ppm	50 ppm	10 ppm	1 ppm	200 ppm	1 ppm
ACGIH TWA TLV	25 ppm	10 ppm	10 ppm	10 ppm	200 ppm	5 ppm
<p><i>Notes:</i> < = Less than laboratory limit of detection ppm = parts per million µg = micrograms DOSH TWA PEL = Washington State Division of Occupational Safety and Health Permissible Exposure Limit as an 8-hour time-weighted average ACGIH TWA TLV = American Conference of Governmental Industrial Hygienists Threshold Limit Value as an 8-hour time-weighted average PEL = Permissible Exposure Limit as an 8-hour time-weighted average</p>						

Table 3. TPH and Diesel Fuel Results
3240 17th Ave West Property
September 9, 2015 Daytime



Location	TPH	Diesel Fuel
North-01	<0.51 ppm	<6.9 mg/m ³
West-01	<0.51 ppm	<6.9 mg/m ³
South-01	<0.51 ppm	<6.9 mg/m ³
East-01	<0.51 ppm	<6.9 mg/m ³
DOSH TWA PEL	NE	NE
ACGIH TWA TLV	NE	100 mg/m³
<p><i>Notes:</i> < = Less than laboratory limit of detection ppm = parts per million mg = milligrams DOSH TWA PEL = Washington State Division of Occupational Safety and Health Permissible Exposure Limit as an 8-hour time-weighted average ACGIH TWA TLV = American Conference of Governmental Industrial Hygienists Threshold Limit Value as an 8-hour time-weighted average PEL = Permissible Exposure Limit as an 8-hour time-weighted average NE = Not Established</p>		

**Table 4. TPH and Diesel Fuel Results
3240 17th Ave West Property
September 9 and 10, 2015 Nighttime**



Location	TPH	Diesel Fuel
North-02	<0.48 ppm	<6.6 mg/m ³
West-02	<0.48 ppm	<6.6 mg/m ³
South-02	<0.48 ppm	<6.6 mg/m ³
East-02	<0.49 ppm	<6.7 mg/m ³
South-03	<0.49 ppm	<6.7 mg/m ³
Lab-Blank	<40 µg	<100 µg
DOSH TWA PEL	NE	NE
ACGIH TWA TLV	NE	100 mg/m³
<p><i>Notes:</i> < = Less than laboratory limit of detection ppm = parts per million mg = milligrams µg = micrograms DOSH TWA PEL = Washington State Division of Occupational Safety and Health Permissible Exposure Limit as an 8-hour time-weighted average ACGIH TWA TLV = American Conference of Governmental Industrial Hygienists Threshold Limit Value as an 8-hour time-weighted average PEL = Permissible Exposure Limit as an 8-hour time-weighted average NE = Not Established</p>		



Mr. Conor Foley
Argus Pacific
1900 West Nickerson St.
Suite 315
Seattle, WA 98119-1650

September 25,

DOH ELAP #11626
AIHA-LAP #100324

Account# 19649

Login# L356099

Dear Mr. Foley:

Enclosed are the analytical results for the samples received by our laboratory on September 18, 2015. b
test results meet the quality control requirements of AIHA-LAP and NELAC unless otherwise stated in t
report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples
as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 da
from the date of this report, with the exception of IOMs, which will be cleaned and disposed of after
seven calendar days.

Current Scopes of Accreditation can be viewed at www.galsonlabs.com in the accreditations section und
the "about Galson" tab.

Please contact Nicole Tormey at (888) 432-5227, if you would like any additional information regarding
this report. Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

Mary G. Unangst
Laboratory Director

Enclosure(s)

Galson Laboratories, Inc. is now a part of SGS, the world's leading inspection, verification, testing, and
certification company. As part of our transition to SGS, you will begin to see some formatting changes
with reports that will improve the presentation of data and allow for the transition to the new logo.



LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Argus Pacific
Site : NS
Date Sampled : 16-SEP-15
Date Received : 18-SEP-15

Account No.: 19649
Login No. : L356099
Date Analyzed : 22-SEP-15
Report ID : 901941

Acetone

Table with 7 columns: Sample ID, Lab ID, Time minutes, Raw ug, Total ug, Conc mg/m3, ppm. Rows include TEST-ACE-02, MAIN-ACE-02, and BLANK-ACE-01 6922.

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
Analytical Method : mod. NIOSH 1300; GC/FID BADGE
OSHA PEL : 1000 ppm (TWA)
Collection Media : Assay 566

Submitted by: MLN
Approved by : nkp
Date : 25-SEP-15
Supervisor: KLD
NYS DOH # : 11626
QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



LABORATORY ANALYSIS REPORT

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Client : Argus Pacific
Site : NS
Date Sampled : 16-SEP-15
Date Received : 18-SEP-15

Account No.: 19649
Login No. : L356099
Date Analyzed : 21-SEP-15
Report ID : 901555

Acetone

Table with 8 columns: Sample ID, Lab ID, Time minutes, Front ug, Back ug, Total ug, Conc mg/m3, ppm. Rows include TEST-ACE-01 5267, MAIN-ACE-01 5506, and BLANK-ACE-01 5306.

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 10. ug
Analytical Method : mod. NIOSH 1300; GC/FID BADGE
OSHA PEL : 1000 ppm (TWA)
Collection Media : M3M-3520

Submitted by: BDK
Approved by : dnf
Date : 25-SEP-15
Supervisor: KLD
NYS DOH # : 11626
QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



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Client : Argus Pacific
 Site : NS
 Date Sampled : 16-SEP-15
 Date Received : 18-SEP-15

Account No.: 19649
 Login No. : L356099
 Date Analyzed : 21-SEP-15
 Report ID : 901557

Methylene Chloride

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	Conc mg/m3	ppm
TEST-CL-01 5487	L356099-4	710	300	17	340	13	3.6
BLANK-CL-01 5345	L356099-9	NA	<5	<5	<5	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
 Analytical Method : mod. NIOSH 1005; GC/FID BADGE
 OSHA PEL : 25 ppm (TWA)
 Collection Media : M3M-3520

Submitted by: BDK
 Approved by : dnf
 Date : 25-SEP-15
 Supervisor: KLD
 NYS DOH # : 11626
 QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
 > -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



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Client : Argus Pacific
Site : NS
Date Sampled : 16-SEP-15
Date Received : 18-SEP-15

Account No.: 19649
Login No. : L356099
Date Analyzed : 22-SEP-15
Report ID : 901942

Methylene Chloride

Table with 7 columns: Sample ID, Lab ID, Time minutes, Raw ug, Total ug, Conc mg/m3, ppm. Rows include TEST-CL-02 and BLANK-CL-01 6315.

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
Analytical Method : mod. NIOSH 1005; GC/FID BADGE
OSHA PEL : 25 ppm (TWA)
Collection Media : Assay 566

Submitted by: MLN
Approved by : nkp
Date : 25-SEP-15
Supervisor: KLD
NYS DOH # : 11626
QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



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Client : Argus Pacific
Site : NS
Date Sampled : 16-SEP-15
Date Received : 18-SEP-15

Account No.: 19649
Login No. : L356099
Date Analyzed : 22-SEP-15
Report ID : 901943

Methyl Ethyl Ketone

Table with 7 columns: Sample ID, Lab ID, Time minutes, Raw ug, Total ug, Conc mc/m3, ppm. Rows include FILMING-MEK-02, RESIN-MEK-02 4904, and BLANK-MEK-01 2449.

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
Analytical Method : mod. NIOSH 1300; GC/FID BADGE
OSHA PEL : 200 ppm (TWA)
Collection Media : Assay 566

Submitted by: MLN
Approved by : nkp
Date : 25-SEP-15
Supervisor: KLD
NYS DOH # : 11626
QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



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Client : Argus Pacific
 Site : NS
 Date Sampled : 16-SEP-15
 Date Received : 18-SEP-15

Account No.: 19649
 Login No. : L356099
 Date Analyzed : 21-SEP-15
 Report ID : 901558

Methyl Ethyl Ketone

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	Conc mg/m3	ppm
FILMING-MEK-01 5563	L356099-1	656	1600	<5	1600	66	22
RESIN-MEK-01 2879	L356099-2	661	1600	<5	1600	67	23
BLANK-MEK-01 5516	L356099-8	NA	<5	<5	<5	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
 Analytical Method : mod. NIOSH 1300; GC/FID BADGE
 OSHA PEL : 200 ppm (TWA)
 Collection Media : M3M-3520

Submitted by: BDK
 Approved by : dnf
 Date : 25-SEP-15
 Supervisor: KLD
 NYS DOH # : 11626
 QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
 > -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



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Client : Argus Pacific
 Site : NS
 Date Sampled : 16-SEP-15
 Date Received : 18-SEP-15

Account No.: 19649
 Login No. : L356099
 Date Analyzed : 21-SEP-15
 Report ID : 901666

n-Methyl-2-Pyrrolidone

Sample ID	Lab ID	Time minutes	Front ug	Back ug	Total ug	Conc mg/m3	ppm
RESIN-NMP-01 5324	L356099-3	661	40	<5	47	2.4	0.60
TEST-NMP-01 5335	L356099-5	475	15	<5	18	1.3	0.32
BLANK-NMP-01 5485	L356099-10	NA	<5	<5	<6	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
 Analytical Method : mod. NIOSH 1302; GC/FID BADGE
 OSHA PEL : NA
 Collection Media : M3M-3520

Submitted by: BLD/KLD
 Approved by : dnf
 Date : 25-SEP-15
 Supervisor: KLD
 NYS DOH # : 11626
 QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
 > -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



LABORATORY ANALYSIS REPORT

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Client : Argus Pacific
 Site : NS
 Date Sampled : 16-SEP-15
 Date Received : 18-SEP-15

Account No.: 19649
 Login No. : L356099
 Date Analyzed : 22-SEP-15 - 24-SEP-15
 Report ID : 901047

Total Dust

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>mg</u>	<u>Conc</u> <u>mg/m3</u>
RECEIVE-PART-01	L356099-20	37.5	0.13	3.5
BLANK-PART-01	L356099-21	NA	<0.050	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.050 mg	Submitted by: JMP/MNS
Analytical Method : mod. NIOSH 0500; Gravimetric	Approved by : CRI
OSHA PEL : PNOR 15 mg/m3 (TWA)	Date : 24-SEP-15
Collection Media : PVC PW 37mm	Supervisor: CRI
	NYS DOH # : 11626
	QC by: CRD

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
 > -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million



LABORATORY FOOTNOTE REPORT

Client Name : Argus Pacific
Site :

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East Syracuse, NY 13057
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Date Sampled : 16-SEP-15
Date Received: 18-SEP-15
Date Analyzed: 21-SEP-15 - 24-SEP-15
Account No.: 19649
Login No. : L356099

L356099 (Report ID: 901557):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).
The estimated uncertainty applies to the media, technology, and SOP referenced in this report
and does not account for the uncertainty associated with the sampling process.

Table with 3 columns: Parameter, Accuracy, Mean Recovery. Row: Methylene Chloride, +/-10.3%, 99%

L356099 (Report ID: 901558):
Total ug corrected for a desorption efficiency of 100%.
Please note that back media results above the LOQ have been multiplied by a factor of 2.2 in all
"total ug" calculations (as specified in the 3M method).
SOPs: GC-SOP-12(11), GC-SOP-16(16), GC-SOP-9(16)

L356099 (Report ID: 901558):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).
The estimated uncertainty applies to the media, technology, and SOP referenced in this report
and does not account for the uncertainty associated with the sampling process.

Table with 3 columns: Parameter, Accuracy, Mean Recovery. Row: Methyl Ethyl Ketone, +/-7.3%, 95.5%

L356099 (Report ID: 901666):
Total ug corrected for a desorption efficiency of 85%.
Please note that back media results above the LOQ have been multiplied by a factor of 2.2 in all
"total ug" calculations (as specified in the 3M method).
SOPs: GC-SOP-12(11), GC-SOP-16(16), GC-SOP-9(16)

L356099 (Report ID: 901666):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).
The estimated uncertainty applies to the media, technology, and SOP referenced in this report
and does not account for the uncertainty associated with the sampling process.

Table with 3 columns: Parameter, Accuracy, Mean Recovery. Row: n-Methyl-2-Pyrrolidone, +/-16.7%, 100%

L356099 (Report ID: 901941):
Total ug corrected for a desorption efficiency of 97%.

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms ppm -Parts per Million
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ND -Not Detected NA -Not Applicable



LABORATORY FOOTNOTE REPORT

Client Name : Argus Pacific
Site :

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Date Sampled : 16-SEP-15 Account No.: 19649
Date Received: 18-SEP-15 Login No. : L356099
Date Analyzed: 21-SEP-15 - 24-SEP-15

L356099 (Report ID: 901941):
SOPs: GC-SOP-12(11), GC-SOP-16(16), GC-SOP-9(16)

L356099 (Report ID: 901941):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).
The estimated uncertainty applies to the media, technology, and SOP referenced in this report
and does not account for the uncertainty associated with the sampling process.

Parameter	Accuracy	Mean Recovery
Acetone	+/-8%	98%

L356099 (Report ID: 901942):
Total ug corrected for a desorption efficiency of 100%.
SOPs: GC-SOP-12(11), GC-SOP-16(16), GC-SOP-9(16)

L356099 (Report ID: 901942):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).
The estimated uncertainty applies to the media, technology, and SOP referenced in this report
and does not account for the uncertainty associated with the sampling process.

Parameter	Accuracy	Mean Recovery
Methylene Chloride	+/-8.5%	97.9%

L356099 (Report ID: 901943):
Total ug corrected for a desorption efficiency of 96%.
SOPs: GC-SOP-12(11), GC-SOP-16(16), GC-SOP-9(16)

L356099 (Report ID: 901943):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2).
The estimated uncertainty applies to the media, technology, and SOP referenced in this report
and does not account for the uncertainty associated with the sampling process.

Parameter	Accuracy	Mean Recovery
Methyl Ethyl Ketone	+/-5.3%	99.8%

L356099 (Report ID: 901047):
SOPs: GRAV-SOP-5(12), GRAV-SOP-6(11)

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms ppm -Parts per Million
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ND -Not Detected NA -Not Applicable



LABORATORY FOOTNOTE REPORT

Client Name : Argus Pacific
Site :

6601

d

Date Sampled : 16-SEP-15
Date Received: 18-SEP-15
Date Analyzed: 21-SEP-15 - 24-SEP-15

Account No.: 19649
Login No. : L356099

L356099 (Report ID: 901047):

Gravimetric analytical accuracy of the sampling media is -0.005 ± 0.007 mg (average blank weight change $\pm 95\%$ confidence interval or $k=2$). The estimated uncertainty applies to the media, technology, and SOP(s) referenced in this report and does not account for any uncertainty associated with the sampling process.
PNOR = Particulates Not Otherwise Regulated.

<	-Less Than	mg	-Milligrams	m3	-Cubic Meters	kg	-Kilograms	ppm	-Parts per Million		
>	-Greater Than	ug	-Micrograms	l	-Liters	NS	-Not Specified	ND	-Not Detected	NA	-Not Applicable

1356099

4538789344
 te:09/18/15
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 tials:sk
 p:PCA355527

You may edit and complete this COC electronically by logging into your Client Portal account at <https://portal.galsonlabs.com/>

Client Acct No.: 19649
 Report To: Mr. Conor Foley
 Company Name: Argus Pacific
 Address 1: 1900 West Nickerson St.
 Address 2: Suite 315
 City, State Zip: Seattle, WA 98119-1650
 Phone No.: 206 - 518 - 6089
 Cell No.: 650 - 743 - 4363
 Email reports to: conor@arguspacific.com
 Comments:

Invoice To: Mr. Scott-Darker *Conor Foley*
 Company Name: Argus Pacific
 Address 1: 1900 West Nickerson St.
 Address 2: Suite 315
 City, State Zip: Seattle, WA 98119-1650
 Phone No.: 206 - 285 - 3373
 Email Address: *sparkes@arguspacific.com*
 Comments: *COLEBY*
 P.O. No.:
 Payment info.: I will call SGS Galson to provide credit card info
 Card on File (enter the last five digits on the line below)

115-117

Turn Around Time (TAT):	(surcharge)
<input checked="" type="checkbox"/> Standard	0%
<input type="checkbox"/> 4 Business Days	35%
<input type="checkbox"/> 3 Business Days	50%
<input type="checkbox"/> 2 Business Days	75%
<input type="checkbox"/> Next Day by 6pm	100%
<input type="checkbox"/> Next Day by Noon	150%
<input type="checkbox"/> Same Day	200%

CS Rep: APRATRSCHI
 Online COC No.: 21028

Samples submitted using the FreePumpLoan™ Program
 Samples submitted using the FreeSamplingBadges™ Program

Site Name: Project: Sampled By:
 List description of industry or Process/interferences present in sampling area:
Composites manufacturing
 State samples were collected in (e.g., NY): *WA*
 Please indicate which OEL(s) this data will be used for:
 OSHA PEL ACGIH TLV MSHA Cal OSHA
 IAQ: Specify Limit(s) Other: *AHA WEE* Specify Other

Comments: Samples Received in Light Sensitive Material: Yes or No

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in ³ , cm ³ , ft ³	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
<i>Filming - MEK-01 (F25563)</i>	<i>9/16/15</i>	<i>3M 3520 F25563</i>	-	<i>656 min</i>	<i>VOCs (please specify) MEK</i>	<i>mod. NIOSH 1500/1501; GC/FID BADGE</i>	<i>Cleaning w/ MEK</i>
<i>Resin - MEK-01 (F22879)</i>	<i>9/16/15</i>	<i>3M 3520 F22879</i>	-	<i>66/ min</i>	<i>VOCs (please specify) MEK</i>	<i>mod. NIOSH 1500/1501; GC/FID BADGE</i>	<i>Cleaning resin mixers</i>
<i>Resin - NMP-01 (F25324)</i>	<i>9/16/15</i>	<i>3M 3520 F25324</i>	-	<i>66/ min</i>	<i>VOCs (please specify) N-methyl-pyrrolidone</i>	<i>mod. NIOSH 1500/1501; GC/FID BADGE</i>	<i>Cleaning resin mixers</i>

^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time	Print Name / Signature	Date	Time
Relinquished By:	<i>Conor Foley</i>	<i>9/17/15</i>	<i>11:45pm</i>	Received By:		
Relinquished By:	<i>Conor Foley</i>			Received By:	<i>M-L Cause</i>	<i>9/18/15 0922</i>

Samples received after 3pm will be considered as next day's business.

Page: 1/4
 Online COC No.: 21028
 Draft: 9/14/2015 2:41:28 pm

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Comments :

Samples Received in Light Sensitive Material: Yes or No

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in ³ , cm ³ , ft ³	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
Test-CL-01 (FZ5487)	9/16/15	3M 3520 FZ5487	-	710 min	VOCs (please specify) Methylene Chloride	mod. NIOSH 1500/1501; GC/FID BADGE	Testing
Test-NMP-01 (FZ5335)	9/16/15	3M 3520 FZ5335	-	475 min	VOCs (please specify) N-methyl pyrrolidone	mod. NIOSH 1500/1501; GC/FID BADGE	Testing
Test-Ace-01 (FZ5267)	9/16/15	3M 3520 FZ5267	-	475 min	VOCs (please specify) Acetone	mod. NIOSH 1500/1501; GC/FID BADGE	Testing
Main-Ace-01 (FZ5506)	9/16/15	3M 3520 FZ5506	-	470 min	VOCs (please specify) Acetone	mod. NIOSH 1500/1501; GC/FID BADGE	Cleaning
Blank-MEK-01 (FZ5516)	9/16/15	3M 3520 FZ5516	-	0 min	VOCs (please specify) MEK	mod. NIOSH 1500/1501; GC/FID BADGE	
Blank-CL-01 (FZ5345)	9/16/15	3M 3520 FZ5345	-	0 min	VOCs (please specify) methylene chloride	mod. NIOSH 1500/1501; GC/FID BADGE	
Blank-NMP-01 (FZ5485)	9/16/15	3M 3520 FZ5485	-	0 min	VOCs (please specify) N-methyl pyrrolidone	mod. NIOSH 1500/1501; GC/FID BADGE	
Blank-Ace-01 (FZ5306)	9/16/15	3M 3520 FZ5306	-	0 min	VOCs (please specify) Acetone	mod. NIOSH 1500/1501; GC/FID BADGE	
_____	_____	3M 3520 _____	_____	_____	VOCs (please specify) _____	mod. NIOSH 1500/1501; GC/FID BADGE	_____
Filming-MEK-02	9/16/15	Assay N566	-	15 min	VOCs (please specify) MEK	mod. NIOSH 1500/1501; GC/FID BADGE	Cleaning w/ MEK

^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time	Print Name / Signature	Date	Time
Relinquished By:	Cover Foley	9/17/15	1:45pm	Received By:		
Relinquished By:				Received By:	M. Kraus	9/18/15 0922

Samples received after 3pm will be considered as next day's business.

