

ANALYTICAL REPORT

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Tel: (253)922-2310

Laboratory Job ID: 580-108818-1
Client Project/Site: CV22F0106
Revision: 1

For:
AECOM
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Honolulu, Hawaii 96813

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



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Case Narrative

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Job ID: 580-108818-1

Laboratory: Eurofins Northwest, Seattle

Narrative

01/02/2022 - Report was revised to change the formatter per client request.

CASE NARRATIVE
Client: AECOM
Project: CV22F0106
Report Number: 580-108818-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

Following DoD QSM guidelines, manual integrations were performed only when necessary and are in compliance with the laboratory's standard operating procedure, Acceptable Manual Integration Practices, SOP No.: Q-S-002. The reason(s) for manual integration have been documented on the affected chromatogram(s), which is/are provided in the raw data package. The raw data also includes the original chromatogram(s) prior to any manual integration being performed. Manual integrations are detailed in the manual integration summary forms following this narrative.

It should be noted that samples with elevated Limits of Quantitation (LOQs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the LOQs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interferences thereby enabling the quantification of target analytes.

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.

RECEIPT

Six samples were received on 12/29/2021 11:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1° C.

Sample H1-DWS-H1-1396-122621-A (580-108818-1) replacement vials were received on 12/31/2021. The original analysis was taken off hold so the samples could be activated and ran for analysis.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

GASOLINE RANGE ORGANICS (GRO)

Samples H1-DWS-H1-1396-122621-A (580-108818-1), H1-DWS-TBH1-1396-122621-A (580-108818-2), H2-DWS-H2-377-122621-A (580-108818-3), H2-DWS-TBH2-377-122621-A (580-108818-4), H3-DWS-H3-1676-122621-A (580-108818-5) and H3-DWS-TBH3-1676-122621-A (580-108818-6) were analyzed for gasoline range organics (GRO) in accordance with 8260B CALUFT. The samples were analyzed on 12/30/2021 and 12/31/2021.

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

DIESEL RANGE ORGANICS

Samples H1-DWS-H1-1396-122621-A (580-108818-1), H2-DWS-H2-377-122621-A (580-108818-3) and H3-DWS-H3-1676-122621-A (580-108818-5) were analyzed for Diesel Range Organics in accordance with 8015D DRO. The samples were prepared on 12/30/2021 and analyzed on 12/31/2021.

Case Narrative

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Job ID: 580-108818-1 (Continued)

Laboratory: Eurofins Northwest, Seattle (Continued)

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

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Definitions/Glossary

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

Client Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Client Sample ID: H1-DWS-H1-1396-122621-A

Lab Sample ID: 580-108818-1

Date Collected: 12/26/21 15:41

Matrix: Water

Date Received: 12/29/21 11:20

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/31/21 11:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		69 - 133					12/31/21 11:24	1

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C9-C25	0.092	U	0.51	0.092	mg/L		12/30/21 10:32	12/31/21 04:55	1
C24-C40	0.18	U	0.51	0.18	mg/L		12/30/21 10:32	12/31/21 04:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	72		56 - 125				12/30/21 10:32	12/31/21 04:55	1

Client Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Client Sample ID: H1-DWS-TBH1-1396-122621-A

Lab Sample ID: 580-108818-2

Date Collected: 12/26/21 15:36

Matrix: Water

Date Received: 12/29/21 11:20

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/30/21 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		69 - 133					12/30/21 20:07	1

Client Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Client Sample ID: H2-DWS-H2-377-122621-A

Lab Sample ID: 580-108818-3

Date Collected: 12/26/21 15:10

Matrix: Water

Date Received: 12/29/21 11:20

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/30/21 20:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		69 - 133					12/30/21 20:31	1

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C9-C25	0.099	J	0.54	0.097	mg/L		12/30/21 10:32	12/31/21 05:15	1
C24-C40	0.62		0.54	0.19	mg/L		12/30/21 10:32	12/31/21 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	93		56 - 125				12/30/21 10:32	12/31/21 05:15	1

Client Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Client Sample ID: H2-DWS-TBH2-377-122621-A

Lab Sample ID: 580-108818-4

Date Collected: 12/26/21 15:05

Matrix: Water

Date Received: 12/29/21 11:20

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/30/21 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		69 - 133					12/30/21 20:55	1



Client Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Client Sample ID: H3-DWS-H3-1676-122621-A

Lab Sample ID: 580-108818-5

Date Collected: 12/26/21 16:17

Matrix: Water

Date Received: 12/29/21 11:20

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/30/21 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		69 - 133					12/30/21 21:18	1

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C9-C25	0.092	U	0.51	0.092	mg/L		12/30/21 10:32	12/31/21 05:35	1
C24-C40	0.18	U	0.51	0.18	mg/L		12/30/21 10:32	12/31/21 05:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	79		56 - 125				12/30/21 10:32	12/31/21 05:35	1

Client Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Client Sample ID: H3-DWS-TBH3-1676-122621-A

Lab Sample ID: 580-108818-6

Date Collected: 12/26/21 16:12

Matrix: Water

Date Received: 12/29/21 11:20

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/30/21 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		69 - 133					12/30/21 21:42	1



QC Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-377150/4
Matrix: Water
Analysis Batch: 377150

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/30/21 18:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		69 - 133					12/30/21 18:08	1

Lab Sample ID: LCS 580-377150/5
Matrix: Water
Analysis Batch: 377150

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (C6-C12)	1.00	0.954		mg/L		95	78 - 122		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		69 - 133						

Lab Sample ID: LCSD 580-377150/6
Matrix: Water
Analysis Batch: 377150

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C6-C12)	1.00	0.968		mg/L		97	78 - 122	1	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		69 - 133						

Lab Sample ID: MB 580-377173/4
Matrix: Water
Analysis Batch: 377173

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	0.031	U	0.10	0.031	mg/L			12/31/21 10:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		69 - 133					12/31/21 10:12	1

Lab Sample ID: LCS 580-377173/5
Matrix: Water
Analysis Batch: 377173

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (C6-C12)	1.00	0.968		mg/L		97	78 - 122		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97		69 - 133						

Eurofins Northwest, Seattle

QC Sample Results

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Method: 8260/CALUFT DOD - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-377173/6
Matrix: Water
Analysis Batch: 377173

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C6-C12)	1.00	0.961		mg/L		96	78 - 122	1	30
Surrogate		%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)		97		69 - 133					

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 580-377081/1-A
Matrix: Water
Analysis Batch: 377121

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 377081

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C9-C25	0.090	U	0.50	0.090	mg/L		12/30/21 10:32	12/30/21 18:51	1
C24-C40	0.18	U	0.50	0.18	mg/L		12/30/21 10:32	12/30/21 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	85		56 - 125				12/30/21 10:32	12/30/21 18:51	1

Lab Sample ID: LCS 580-377081/2-A
Matrix: Water
Analysis Batch: 377121

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 377081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C9-C25	4.00	2.68		mg/L		67	36 - 132
C24-C40	4.00	3.73		mg/L		93	41 - 113
Surrogate		%Recovery	Qualifier	Limits			
o-Terphenyl		74		56 - 125			

Lab Sample ID: LCSD 580-377081/3-A
Matrix: Water
Analysis Batch: 377121

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 377081

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C9-C25	4.00	2.96		mg/L		74	36 - 132	10	20
C24-C40	4.00	3.73		mg/L		93	41 - 113	0	20
Surrogate		%Recovery	Qualifier	Limits					
o-Terphenyl		82		56 - 125					

Lab Chronicle

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Client Sample ID: H1-DWS-H1-1396-122621-A

Lab Sample ID: 580-108818-1

Date Collected: 12/26/21 15:41

Matrix: Water

Date Received: 12/29/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260/CALUFT DOD		1	377173	12/31/21 11:24	JBT	FGS SEA
Total/NA	Prep	3510C			377081	12/30/21 10:32	JHR	FGS SEA
Total/NA	Analysis	8015D DRO		1	377121	12/31/21 04:55	JAE	FGS SEA

Client Sample ID: H1-DWS-TBH1-1396-122621-A

Lab Sample ID: 580-108818-2

Date Collected: 12/26/21 15:36

Matrix: Water

Date Received: 12/29/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260/CALUFT DOD		1	377150	12/30/21 20:07	JSM	FGS SEA

Client Sample ID: H2-DWS-H2-377-122621-A

Lab Sample ID: 580-108818-3

Date Collected: 12/26/21 15:10

Matrix: Water

Date Received: 12/29/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260/CALUFT DOD		1	377150	12/30/21 20:31	JSM	FGS SEA
Total/NA	Prep	3510C			377081	12/30/21 10:32	JHR	FGS SEA
Total/NA	Analysis	8015D DRO		1	377121	12/31/21 05:15	JAE	FGS SEA

Client Sample ID: H2-DWS-TBH2-377-122621-A

Lab Sample ID: 580-108818-4

Date Collected: 12/26/21 15:05

Matrix: Water

Date Received: 12/29/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260/CALUFT DOD		1	377150	12/30/21 20:55	JSM	FGS SEA

Client Sample ID: H3-DWS-H3-1676-122621-A

Lab Sample ID: 580-108818-5

Date Collected: 12/26/21 16:17

Matrix: Water

Date Received: 12/29/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260/CALUFT DOD		1	377150	12/30/21 21:18	JSM	FGS SEA
Total/NA	Prep	3510C			377081	12/30/21 10:32	JHR	FGS SEA
Total/NA	Analysis	8015D DRO		1	377121	12/31/21 05:35	JAE	FGS SEA

Client Sample ID: H3-DWS-TBH3-1676-122621-A

Lab Sample ID: 580-108818-6

Date Collected: 12/26/21 16:12

Matrix: Water

Date Received: 12/29/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260/CALUFT DOD		1	377150	12/30/21 21:42	JSM	FGS SEA

Laboratory References:

FGS SEA = Eurofins Northwest, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Eurofins Northwest, Seattle

Accreditation/Certification Summary

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Laboratory: Eurofins Northwest, Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2236	01-19-22

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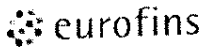
Sample Summary

Client: AECOM
Project/Site: CV22F0106

Job ID: 580-108818-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-108818-1	H1-DWS-H1-1396-122621-A	Water	12/26/21 15:41	12/29/21 11:20
580-108818-2	H1-DWS-TBH1-1396-122621-A	Water	12/26/21 15:36	12/29/21 11:20
580-108818-3	H2-DWS-H2-377-122621-A	Water	12/26/21 15:10	12/29/21 11:20
580-108818-4	H2-DWS-TBH2-377-122621-A	Water	12/26/21 15:05	12/29/21 11:20
580-108818-5	H3-DWS-H3-1676-122621-A	Water	12/26/21 16:17	12/29/21 11:20
580-108818-6	H3-DWS-TBH3-1676-122621-A	Water	12/26/21 16:12	12/29/21 11:20

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Eaton Analytical

CHAIN OF CUSTODY RECORD

977148

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 Fax: 626 386 1101
 800 566 LABS (800 566 5227)
 Website: www.EatonAnalytical.com

EUROFINS EATON ANALYTICAL USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED AGAINST COC BY: h

SAMPLES LOGGED IN BY: JS

SAMPLE TEMP RECEIVED AT:
 (Other) IR Gun ID = _____ (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)
 Monrovia IR Gun ID = 608A (Observation = 1.1 °C) (Corr. Factor = 0.1 °C) (Final = 1.0 °C)
 Compliance Acceptance Criteria: (Chemistry: ± 2 °C) (Microbiology: < 10 °C)

TYPE OF ICE: Real Synthetic _____ No Ice _____ CONDITION OF ICE: Frozen Partially Frozen _____ Thawed _____ N/A _____

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: _____

TO BE COMPLETED BY SAMPLER

COMPANY/AGENCY NAME: AECOM

PROJECT CODE: 60674414

EEA CLIENT CODE: _____ COC ID: 12262021 DW-1

SAMPLE GROUP: DW Hydrant

TAT requested: rush by adv notice only STD 1 wk 3 day 2 day 1 day

COMPLIANCE SAMPLES NON-COMPLIANCE SAMPLES

- Requires state forms REGULATION INVOLVED: _____

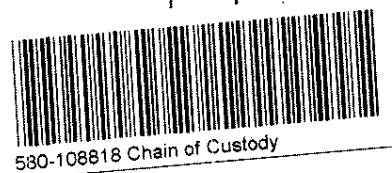
Type of samples (circle one): ROUTINE SPECIAL CONFIRMATION (eg SDWA NPDES, etc.)

SEE ATTACHED KIT ORDER FOR ANALYSES (check for yes) OR (check for yes)

List ALL ANALYSES REQUIRED (enter number of bottles sent for each test for each sample)

SAMPLE DATE	SAMPLE TIME	SAMPLE ID	CLIENT LAB ID	MATRIX	FIELD DATA BAC/CFU	FIELD DATA	WCS by 515.3	EDS/DBCP by 504.1	SU03 by 515.2	Metals/As by 502.3	Pesticides/PCBs	Ammonia by 515.4	Ammonia by 515.5	SAMPLER COMMENTS
12/28/21	1541	H1-DWS-H1-1396-122621-A		W	18		X	X	X	X	X	X	X	only received
12/28/21	1617	H3-DWS-H3-1676-122621-A		W	18		X	X	X	X	X	X	X	2 vna vials w/Ascorbic acid 12/31/21 H1 DWS-H1

COC SEAL
 RECEIVED INTACT



Therm ID: 129 Cor: 1.7 ° Unc: 2.2

Cooler Dsc: _____ FedEx: _____

Packing: _____ UPS: _____

Cust. Seal: Yes No

Blue Ice, Wet, Dry: None

Other: CD

2 of 2
2880 9838 8890
 Tr# 2880 9838 8890

* MATRIX TYPES: RSW = Raw Surface Water CFW = Chlor(am)inated Finished Water SEAW = Sea Water BW = Bottled Water SO = Soil O = Other - Please Identify
 RGW = Raw Ground Water FW = Other Finished Water WW = Waste Water SW = Storm Water SL = Sludge

SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
<u>[Signature]</u>	<u>Sarah Walter</u>	<u>AECOM / Hydrologist</u>	<u>12/27/21</u>	<u>11:40</u>
<u>[Signature]</u>	<u>Brian Shi</u>	<u>AECOM</u>	<u>12/27/21</u>	<u>12:15</u>
<u>[Signature]</u>	<u>Leta Maclean</u>	<u>AECOM</u>	<u>12/31/21</u>	<u>10:00</u>
<u>[Signature]</u>	<u>Leta Maclean</u>	<u>AECOM</u>	<u>12/30/21</u>	<u>10:29</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>12/28/21</u>	<u>11:25</u>

RECEIVED BY: [Signature]
 RECEIVED BY: [Signature]

RECEIVED BY: [Signature]
 RECEIVED BY: [Signature]

Login Sample Receipt Checklist

Client: AECOM

Job Number: 580-108818-1

Login Number: 108818

List Source: Eurofins Northwest, Seattle

List Number: 1

Creator: Grable, Heather D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	Refer to Job Narrative for details.
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	

