

SAMPLE ISSUE RESOLUTION (SIR) REPORT

SIR Number: SIR19-0311
Rev. Number: 0
Date Initiated: 12/17/2018

SAMPLE EVENT INFORMATION

SAF NUM(S): X19-002
LABORATORY: TADN

SAMPLING INFORMATION

NUMBER OF SAMPLES: 1
SAMPLE NUMBERS: B3L6C2
SAMPLE MATRIX: WATER
SDG NUM(S): DN118319-1

ISSUE BACKGROUND

CLASS: Sample Management Issues
TYPE: Turnaround Time and Due Date Modification
DESCRIPTION: The TAT (Priority) on COC X19-002-069 incorrectly indicates 30 days. The TAT will be changed to 15 days to meet project reporting deadlines.

RESOLUTION

PROPOSED RESOLUTION: Document and close.

FINAL RESOLUTION: Document and close.

SUBMITTED BY:

HEY, BE

12/17/2018

ACCEPTED BY:

TURNER, SHELBY

12/17/2018

SAMPLE ISSUE RESOLUTION (SIR) REPORT

SIR Number: SIR19-0328
Rev. Number: 0
Date Initiated: 12/19/2018

SAMPLE EVENT INFORMATION

SAF NUM(S): X19-002
LABORATORY: TADN

SAMPLING INFORMATION

NUMBER OF SAMPLES: 1
SAMPLE NUMBERS: B3L6C2
SAMPLE MATRIX: WATER
SDG NUM(S): DN118319-1

ISSUE BACKGROUND

CLASS: General Sample Management Direction
TYPE: Other General Sample Management Direction (Sample Diversion)
DESCRIPTION: We are requesting permission to ship out a few more samples for VOCs 8260B. Please let us know. Samples are listed below:

SDG DN118319-1
B3L6C2, collected 12/14/2018, SAF X19-002 - 8260_VOA_GCMS: COMMON

RESOLUTION

PROPOSED RESOLUTION: Divert these samples to ALS-Fort Collins:
1. Make a photocopy of the affected COCs and append the COC number with "A".
a. Line out the non-VOC analyses.
b. For the samples requesting VOC analyses, append the sample number (on the COC and the container) with "A".
2. Ship the amended COCs and containers to:
Katie M. OBrien, Project Manager
c/o ALS Environmental
225 Commerce Drive
Fort Collins, CO 80524

FINAL RESOLUTION: Please see the Proposed Resolution.

SUBMITTED BY:

BANDY, DF

12/19/2018

ACCEPTED BY:

HEY, BE

12/19/2018

December 19, 2018
Sample Login Acknowledgement

Rev 0 05/05/10 rev 2.0

Job 280-118319-1

Client Job Description: X19-002 Purchase Order #: 54784 Work Order #: Project Manager: Darlene F Bandy Job Due Date: 12/31/2018 Job TAT: 16 Days Max Deliverable Level: IV Earliest Deliverable Due: 12/31/2018	Report To: CH2M Hill Plateau Remediation Company Scot Fitzgerald PO BOX 1600, MS H8-41 Richland, WA 99352 Bill To: CH2M Hill Plateau Remediation Company Jordan Warren PO BOX 1600, MS H8-41 Richland, WA 99352
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Login 280-118319

Sample Receipt: 12/15/2018 9:05:00 AM Method of Delivery: FedEx Saturday Delivery	Number of Coolers: 1 Cooler Temperature(s) (C°): 0.6;
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Lab Sample #	Client Sample ID	Date Sampled	Matrix	Rpt Basis	Dry / Wet **
Method	Method Description / Work Location				
280-118319-1	B3L6C2	12/14/2018 8:33:00 AM	Water		
8260B	8260_VOA_GCMS: COMMON / In-Lab			Total	Wet
280-118319-1 MS	B3L6C2	12/14/2018 8:33:00 AM	Water		
8260B	8260_VOA_GCMS: COMMON / In-Lab			Total	Wet
280-118319-1 MSD	B3L6C2	12/14/2018 8:33:00 AM	Water		
8260B	8260_VOA_GCMS: COMMON / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

December 19, 2018
Login Sample Receipt Checklist

Rev 0

Client: CH2M Hill Plateau Remediation Company

Job Number: 280-118319-1

SDG Number: DN118319-1

Login Number: 118319
List Number: 1
Creator: Paul, Amanda E

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	80 CPM
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	0.60 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.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Job 280-118319-1

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Login 280-118319

Sample Receipt: 12/15/2018 9:05:00 AM Method of Delivery: FedEx Saturday Delivery	Number of Coolers: 1 Cooler Temperature(s) (C°): 0.6;
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Method	Method Description	Rpt Basis			Units	Sample #s Applicable
8260B	8260_VOA_GCMS: COMMON	Total	MDL	RL		1,1MS,1MSD
	1,1,1-Trichloroethane		0.16	1	ug/L	
	1,1,2-Trichloroethane		0.27	1	ug/L	
	1,1-Dichloroethane		0.22	1	ug/L	
	1,1-Dichloroethene		0.23	1	ug/L	
	1,2-Dichloroethane		0.13	1	ug/L	
	2-Butanone (MEK)		2	6	ug/L	
	4-Methyl-2-pentanone (MIBK)		0.98	5	ug/L	
	Acetone		1.9	10	ug/L	
	Benzene		0.16	1	ug/L	
	Carbon disulfide		0.45	2	ug/L	
	Carbon tetrachloride		0.19	1	ug/L	
	Chlorobenzene		0.17	1	ug/L	
	Chloroform		0.16	1	ug/L	
	Ethylbenzene		0.16	1	ug/L	
	Methylene Chloride		0.32	2	ug/L	
	Tentatively Identified Compound				ug/L	
	Tetrachloroethene		0.2	1	ug/L	
	Toluene		0.17	1	ug/L	
	Trichloroethene		0.16	1	ug/L	
	Vinyl chloride		0.1	1	ug/L	
	Xylenes, Total		0.19	2	ug/L	

December 19, 2018
Sample Login Acknowledgement

Rev 0 05/05/10 rev 2.0

Job 280-118319-1

Client Job Description: X19-002 Purchase Order #: 54784 Work Order #: Project Manager: Darlene F Bandy Job Due Date: 1/14/2019 Job TAT: 30 Days Max Deliverable Level: IV Earliest Deliverable Due: 1/14/2019	Report To: CH2M Hill Plateau Remediation Company Scot Fitzgerald PO BOX 1600, MS H8-41 Richland, WA 99352 Bill To: CH2M Hill Plateau Remediation Company Jordan Warren PO BOX 1600, MS H8-41 Richland, WA 99352
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Login 280-118319

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Method	Method Description / Work Location				
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8260B	8260_VOA_GCMS: COMMON / In-Lab			Total	Wet
280-118319-1 MSD	B3L6C2	12/14/2018 8:33:00 AM	Water		
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* Method on-hold

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December 19, 2018
Login Sample Receipt Checklist

Rev 0

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List Source: TestAmerica Denver

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Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
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Residual Chlorine Checked.	N/A	

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	1,1-Dichloroethene		0.23	1	ug/L	
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	Acetone		1.9	10	ug/L	
	Benzene		0.16	1	ug/L	
	Carbon disulfide		0.45	2	ug/L	
	Carbon tetrachloride		0.19	1	ug/L	
	Chlorobenzene		0.17	1	ug/L	
	Chloroform		0.16	1	ug/L	
	Ethylbenzene		0.16	1	ug/L	
	Methylene Chloride		0.32	2	ug/L	
	Tentatively Identified Compound				ug/L	
	Tetrachloroethene		0.2	1	ug/L	
	Toluene		0.17	1	ug/L	
	Trichloroethene		0.16	1	ug/L	
	Vinyl chloride		0.1	1	ug/L	
	Xylenes, Total		0.19	2	ug/L	

December 19, 2018

Rev 0

CH2MHill Plateau Remediation Company				CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				C.O.C. # X19-002-069 Page 1 of 1	
Collector:	Kevin Patterson ICHPRC	Contact/Requester:	WATERS-HUSTED, K	Telephone No.:	376-4650				
SAF No.:	X19-002	Sampling Origin:	Hanford Site	Purchase Order/Charge Code:	300071				
Project Title:	Groundwater Background Study,	Logbook No.:	HNF-N-506 101	Ice Chest No.:	6WS-593				
Shipped To (Lab):	TestAmerica Denver	Method of Shipment:	Commercial Carrier	Bill of Lading/Air Bill No.:	77398037145				
Protocol:	SURV	Priority:	30 Days	Offsite Property No.:	10392				
POSSIBLE SAMPLE HAZARDS/REMARK			SPECIAL INSTRUCTIONS						
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.			Batch with A, I, S, and W SAFs.						
Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis		Holding Time	Preservative
B316C2	N	W	DEC 14 2018	0833	5x40-mL aGs*	8260_VOA_GCMS: COMMON		14 Days	HCL or H2SO4 to pH <2 / Cool <=6C



DN280-118319 Chain of Custody

DN118319-1

-O.H 5 +1.0 by AP 12/15/18

Relinquished By:		Kevin Patterson ICHPRC		Signature		DEC 14 2018		Date/Time		Received By:		Troy Bacon ICHPRC		Signature		DEC 14 2018		Date/Time		Matrix *	
Print First and Last Name		Kevin Patterson		Signature		DEC 14 2018		Date/Time		Print First and Last Name		Troy Bacon		Signature		DEC 14 2018		Date/Time		S = Soil SE = Sediment SO = Solid SL = Sludge W = Water A = Air	
Relinquished By:		Troy Bacon ICHPRC		Signature		DEC 14 2018		Date/Time		Received By:		FEBEX		Signature		DEC 14 2018		Date/Time		DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other	
Print First and Last Name		Troy Bacon		Signature		DEC 14 2018		Date/Time		Print First and Last Name		FEBEX		Signature		DEC 14 2018		Date/Time			
Relinquished By:		FEB EX		Signature		DEC 14 2018		Date/Time		Received By:		Imanda Paul		Signature		DEC 15 2018		Date/Time			
Print First and Last Name		FEB EX		Signature		DEC 14 2018		Date/Time		Print First and Last Name		Imanda Paul		Signature		DEC 15 2018		Date/Time			
Relinquished By:				Signature				Date/Time		Received By:				Signature				Date/Time			
Print First and Last Name				Signature				Date/Time		Print First and Last Name				Signature				Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process):																			
Disposed By:		Date/Time:																			

FSR ID = FSR66351

A-6004-842 (REV 3)

Printed On 8/29/2018

773980937145

Delivered
Saturday 12/15/2018 at 8:59 am

DELIVERED

Signed for by: M.PAUL

GET STATUS UPDATES**OBTAIN PROOF OF DELIVERY**

FROM
Richland, WA US

TO
ARVADA, CO US

Multiple-piece Shipment**2 Piece shipment**

TRACKING NUMBER	SHIPPER CITY, STATE	SHIP DATE	STATUS	DELIVERY DATE	DESTINATION/RECIPIENT CITY, STATE
773980937145 (master)	PASCO, WA	12/14/2018		12/15/2018	ARVADA, CO
773980937980	PASCO, WA	12/14/2018		12/15/2018	ARVADA, CO

Shipment Facts

TRACKING NUMBER
773980937145

SERVICE
FedEx Priority Overnight

MASTER TRACKING NUMBER
773980937145

WEIGHT
72 lbs / 32.66 kgs

SIGNATURE SERVICES
Direct signature required

DELIVERED TO
Shipping/Receiving

TOTAL PIECES
2

TOTAL SHIPMENT WEIGHT
167 lbs / 75.75 kgs

TERMS
Third Party