

FREMONT ENVIRONMENTAL INC.

July 6, 2021

Mr. Jacob Evans
Noble Energy Inc.
2115 117th Avenue
Greeley, CO 80634

Subject: **Groundwater Data Submittal**
CPC Hoshiko 35-1, Hoshiko B 35-14 (AST)
API # 05-123-12716
NESW Sec. 35, T5N, R64W
Weld County, Colorado
Fremont Project No. C020-049
Facility #323210, Remediation #15651

Dear Mr. Evans:

Enclosed please find a copy of the above referenced Groundwater Data Submittal for the CPC Hoshiko 35-1, Hoshiko B 35-14 (AST) site in Weld County, Colorado. The enclosed data describes the groundwater quality at the site during the recent quarterly sampling and monitoring event.

Please contact me at (303) 956-8714 if you require any additional information.

Fremont appreciates the opportunity to provide this service.

Sincerely,
FREMONT ENVIRONMENTAL INC.



Paul V. Henehan, P.E.
Senior Consultant

Enclosure

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION AND ORGANIC CHEMISTRY DATA
NOBLE ENERGY INC.
CPC HOSHIKO 35-1, HOSHIKO B 35-14 (AST PIT), WELD COUNTY, COLORADO
FREMONT PROJECT C020-049

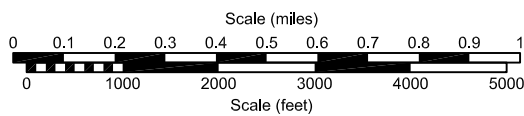
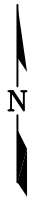
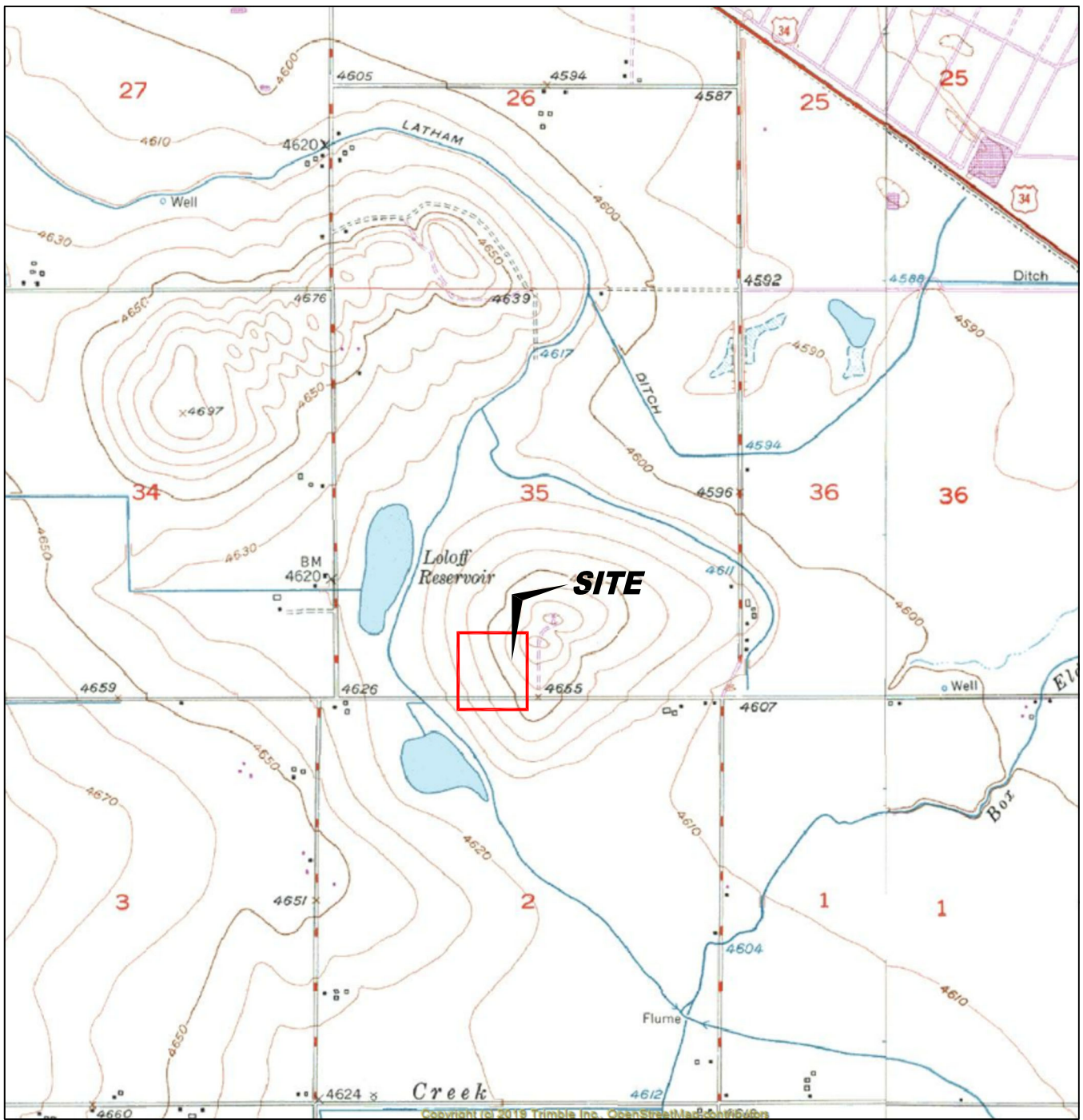
SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	1,2,4 TRIMETHYL-BENZENE (µg/L)	1,3,5 TRIMETHYL-BENZENE (µg/L)	NAPHTHALENE (µg/L)	TOC ELEVATION (feet)	DEPTH TO GROUND WATER (ft)	GROUND WATER ELEVATION (ft)	FREE PRODUCT THICKNESS (ft)
MW-1	08/31/20	<1.0	<1.0	2.0	40	NA	NA	NA	100.00	4.39	95.61	NP
	11/17/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.20	95.80	NP
	02/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.50	94.50	NP
	05/25/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.53	95.47	NP
MW-2	08/31/20	1.2	<1.0	300	1800	NA	NA	NA	100.00	4.76	95.24	NP
	11/17/20	<1.0	<1.0	280	1100	NA	NA	NA		4.30	95.70	NP
	02/22/21	1.3	<1.0	400	1400	740	130	64		5.53	94.47	NP
	05/25/21	<1.0	<1.0	<1.0	600	2.2	210	<1.0		4.57	95.43	NP
MW-3	08/31/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	99.97	4.55	95.42	NP
	08/31/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.48	95.49	NP
	02/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.45	94.52	NP
	05/25/21	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES
MW-4	08/31/20	<1.0	<1.0	<1.0	1100	NA	NA	NA	100.09	4.58	95.51	NP
	11/17/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.83	95.26	NP
	02/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.56	94.53	NP
	05/25/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.53	95.56	NP
MW-5	08/31/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.50	4.87	95.63	NP
	11/17/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		5.02	95.48	NP
	02/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.95	94.55	NP
	05/25/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.91	95.59	NP
MW-6	11/17/20	<1.0	<1.0	<1.0	2.2	NA	NA	NA	99.81	7.63	92.18	NP
	02/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.50	94.31	NP
	05/25/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.93	94.88	NP
MW-7	11/19/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	100.29	7.95	92.34	NP
	02/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.84	94.45	NP
	05/25/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		5.10	95.19	NP
Table 915-1 Limits		5	560	700	1,400	67	67	140				

Bold face values exceed the COGCC limits

NP - No Free Product

NS - No Sample

DES - Destroyed



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

NOBLE ENERGY, INC.
CPC HOSHIKO 35-1, HOSHIKO 35-14 (AST Pit)
 SESW Sec. 35 T5N, R64W, 40.348855°, -104.521793°
 Weld County, Colorado

Project No. C020-049	Prepared by TA	Drawn by TA
Date 6/30/21	Reviewed by EB	Filename 20049T





LEGEND

- ⊕ MONITORING WELL
- ⊕ DESTROYED MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- EXTENT OF EXCAVATION
- CONTAINMENT BERM

**Figure 2
SITE MAP**

NOBLE ENERGY, INC.
CPC HOSHIKO 35-1, HOSHIKO 35-14
 SESW Sec. 35 T5N, R64W, 40.348855°, -104.521793°
 Weld County, Colorado

Project No. C020-049	Prepared by	Drawn by TA
Date 6/30/21	Reviewed by EB	Filename 20049Q



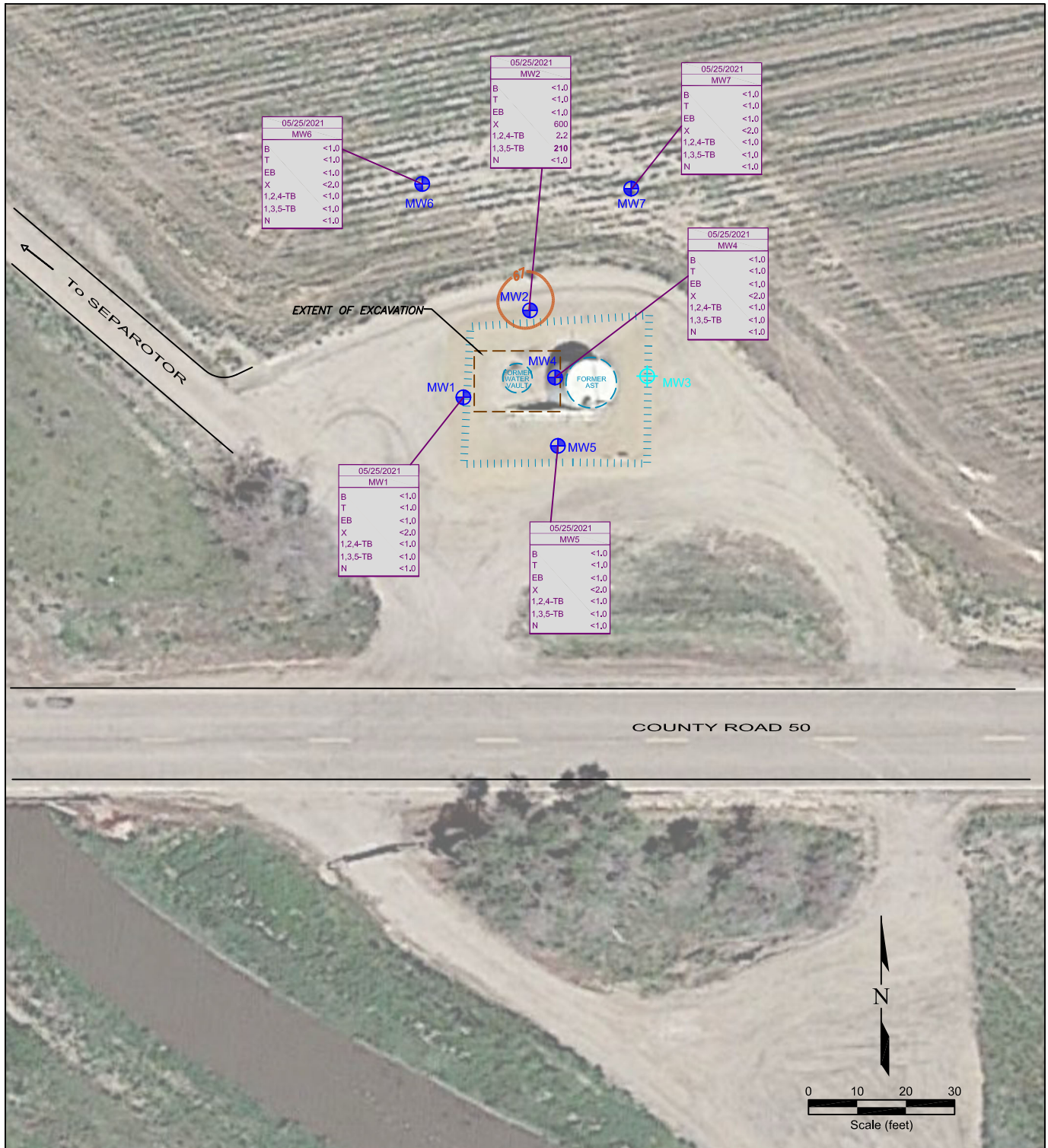


LEGEND

- ⊕ MONITORING WELL
 FORMER FORMER FACILITY
- ⊕ DESTROYED MONITORING WELL
 - - - - - EXTENT OF EXCAVATION
- ABOVE GROUND STORAGE TANK
 ||||| CONTAINMENT BERM
- (94.45) GROUND WATER ELEVATION
(feet above mean sea level)
 → INFERRED GROUND WATER FLOW DIRECTION
- ⤵ WATER TABLE CONTOUR
(feet above mean sea level)

Figure 3
INFERRED GROUNDWATER ELEVATION MAP
May 25, 2021
NOBLE ENERGY, INC.
CPC HOSHIKO 35-1, HOSHIKO 35-14
 SESW Sec. 35 T5N, R64W, 40.348855°, -104.521793°
 Weld County, Colorado

Project No. C020-049	Prepared by 	Drawn by TA	
Date 6/30/21	Reviewed by EB	Filename 20049Q	



LEGEND

- ⊕ MONITORING WELL
- ⊕ DESTROYED MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- EXTENT OF EXCAVATION
- CONTAINMENT BERM

05/25/2021 MW1	
B	<1.0
T	<1.0
EB	<1.0
X	<2.0
1,2,4-TB	<1.0
1,3,5-TB	<1.0
N	<1.0

DATE SAMPLED
SAMPLE ID
BENZENE (ug/L)
TOLUENE (ug/L)
ETHYLBENZENE (ug/L)
TOTAL XYLENES (ug/L)
1,2,4-TRIMETHYLBENZENE (ug/L)
1,3,5-TRIMETHYLBENZENE (ug/L)
NAPHTHALENE (ug/L)



1,3,5-TRIMETHYLBENZENE
CONCENTRATION (ug/L)
(dashed where inferred)

Figure 4
**GROUNDWATER CHEMISTRY WITH
 1,3,5 TRIMETHYLBENZENE CONCENTRATION MAP**
 May 25, 2021
NOBLE ENERGY, INC.
CPC HOSHIKO 35-1, HOSHIKO 35-14
 SESW Sec. 35 T5N, R64W, 40.348855°, -104.521793°
 Weld County, Colorado

Project No. C020-049	Prepared by	Drawn by TA
Date 6/30/21	Reviewed by EB	Filename 20049Q



Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403


303.277.9310

June 07, 2021

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549
RE: Noble - Hoshiko-AST
Work Order #2105514

Enclosed are the results of analyses for samples received by Summit Scientific on 05/28/21 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Muri Premer". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Muri Premer For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
Project Manager: Paul Henchan

Reported:
06/07/21 17:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	2105514-01	Water	05/25/21 00:00	05/28/21 16:00
MW-2	2105514-02	Water	05/25/21 00:00	05/28/21 16:00
MW-4	2105514-04	Water	05/25/21 00:00	05/28/21 16:00
MW-5	2105514-05	Water	05/25/21 00:00	05/28/21 16:00
MW-6	2105514-06	Water	05/25/21 00:00	05/28/21 16:00
MW-7	2105514-07	Water	05/25/21 00:00	05/28/21 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

2105514

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 1

Client: Fremont Environmental Project Manager: Paul Henehan
 Address: P.O Box 1289 E-Mail: paulh@fremontenv.com, ethanb@fremontenv.com
 City/State/Zip: Wellington, CO 80549 Bill to: Jacob
 Phone: 303-956-8714 Project Name: Noble - Hoshiko - AST
 Sampler Name: Black Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested							Special Instructions		
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEX/TMS	Naphthalene	GRO	DRO	SAR	EC		pH	
1	MW-1	5/25/21		3			X		X				X	X							
2	MW-2																				
3	MW-3																				
4	MW-4																				
5	MW-5																				
6	MW-6																				
7	MW-7																				
8																					
9																					
10																					

Relinquished by: <u>Ethan Black</u> Date/Time: <u>5/28/21 1300</u>	Received by: <u>Jacob</u> Date/Time: <u>5/28/21 1600</u>	Turn Around Time (Check) Same Day <u>—</u> 72 hours <u>—</u> 24 hours <u>—</u> Standard <u>X</u> Sample Integrity: Temperature Upon Receipt: <u>5</u> Samples Intact: <u>(Yes)</u> No	Notes: Labelled 'H-A' on VOAS
Relinquished by:	Received by:		
Relinquished by:	Received by:		

2105514

Sample Receipt Checklist

S2 Work Order _____

Client: Fremont Client Project ID Noble - Hoshiko - AST

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____

Matrix (check all that apply): Air Soil/Solid Water Other: _____
(Describe)

Temp (°C)	5
-----------	---

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on ice.
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> JB	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

JB
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

5/25/21
Date/Time



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/07/21 17:49

MW-1
2105514-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BEF0133	06/05/21	06/06/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		61.9 %		23-173	"	"	"	"	
Surrogate: Toluene-d8		123 %		20-170	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %		21-167	"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/07/21 17:49

MW-2
2105514-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0133	06/05/21	06/06/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	600	2.0		"	"	"	"	"	"	
Naphthalene	2.2	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	210	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		135 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %		21-167		"	"	"	"	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/07/21 17:49

MW-4
2105514-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BEF0133	06/05/21	06/06/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		65.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		115 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/07/21 17:49

MW-5
2105514-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BEF0133	06/05/21	06/06/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		58.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		129 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/07/21 17:49

MW-6
2105514-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BEF0133	06/05/21	06/06/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		56.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		124 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 06/07/21 17:49

MW-7
2105514-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEF0133	06/05/21	06/06/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **05/25/21 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		82.4 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		117 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		21-167		"	"	"	"	

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Hoshiko-AST

Project Number: [none]
Project Manager: Paul Henchan

Reported:
06/07/21 17:49

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BEF0133 - EPA 5030 Water MS

Blank (BEF0133-BLK1)

Prepared: 06/05/21 Analyzed: 06/06/21

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	2.0	"								
Naphthalene	ND	1.0	"								
1,2,4-Trimethylbenzene	ND	1.0	"								
1,3,5-Trimethylbenzene	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	11.1		"	13.3		83.5		23-173			
Surrogate: Toluene-d8	15.8		"	13.3		119		20-170			
Surrogate: 4-Bromofluorobenzene	14.5		"	13.3		109		21-167			

LCS (BEF0133-BS1)

Prepared: 06/05/21 Analyzed: 06/06/21

Benzene	28.8	1.0	ug/l	33.3		86.4		51-132			
Toluene	42.1	1.0	"	33.3		126		51-138			
Ethylbenzene	36.0	1.0	"	33.3		108		58-146			
m,p-Xylene	70.2	2.0	"	66.7		105		57-144			
o-Xylene	35.2	1.0	"	33.3		106		53-146			
Naphthalene	36.1	1.0	"	33.3		108		70-130			
1,2,4-Trimethylbenzene	33.3	1.0	"	33.3		99.9		70-130			
1,3,5-Trimethylbenzene	33.3	1.0	"	33.3		100		70-130			
Surrogate: 1,2-Dichloroethane-d4	8.53		"	13.3		64.0		23-173			
Surrogate: Toluene-d8	15.1		"	13.3		113		20-170			
Surrogate: 4-Bromofluorobenzene	14.2		"	13.3		107		21-167			

Matrix Spike (BEF0133-MS1)

Source: 2105513-01

Prepared: 06/05/21 Analyzed: 06/06/21

Benzene	27.8	1.0	ug/l	33.3	ND	83.6		34-141			
Toluene	43.2	1.0	"	33.3	ND	129		27-151			
Ethylbenzene	38.1	1.0	"	33.3	ND	114		29-160			
m,p-Xylene	73.8	2.0	"	66.7	ND	111		20-166			
o-Xylene	36.5	1.0	"	33.3	ND	109		33-159			
Naphthalene	40.2	1.0	"	33.3	ND	121		70-130			
1,2,4-Trimethylbenzene	35.7	1.0	"	33.3	ND	107		70-130			
1,3,5-Trimethylbenzene	35.6	1.0	"	33.3	ND	107		70-130			
Surrogate: 1,2-Dichloroethane-d4	7.48		"	13.3		56.1		23-173			
Surrogate: Toluene-d8	15.1		"	13.3		113		20-170			
Surrogate: 4-Bromofluorobenzene	14.2		"	13.3		106		21-167			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%REC	Limits	RPD	Limit	

Batch BEF0133 - EPA 5030 Water MS

Matrix Spike Dup (BEF0133-MSD1)	Source: 2105513-01			Prepared: 06/05/21 Analyzed: 06/06/21					
Benzene	28.0	1.0	ug/l	33.3	ND	84.1	34-141	0.680	30
Toluene	44.2	1.0	"	33.3	ND	133	27-151	2.34	30
Ethylbenzene	36.9	1.0	"	33.3	ND	111	29-160	3.20	30
m,p-Xylene	72.7	2.0	"	66.7	ND	109	20-166	1.47	30
o-Xylene	36.5	1.0	"	33.3	ND	110	33-159	0.164	30
Naphthalene	35.2	1.0	"	33.3	ND	106	70-130	13.1	30
1,2,4-Trimethylbenzene	34.6	1.0	"	33.3	ND	104	70-130	3.10	30
1,3,5-Trimethylbenzene	34.8	1.0	"	33.3	ND	104	70-130	2.50	30
Surrogate: 1,2-Dichloroethane-d4	12.0		"	13.3		89.8	23-173		
Surrogate: Toluene-d8	15.8		"	13.3		119	20-170		
Surrogate: 4-Bromofluorobenzene	14.7		"	13.3		110	21-167		

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Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference