

Entergy Arkansas, LLC Independence Steam Electric Station Recycle Ponds

# 2021 Annual Groundwater Monitoring and Corrective Action Report

Prepared in Compliance with the EPA Final Rule for the Disposal of Coal Combustion Residuals Title 40 CFR Part 257

**Prepared for:** 



PO Box 551 Little Rock, Arkansas 72203

Prepared by:



8550 United Plaza Blvd. Suite 502 Baton Rouge, LA 70809

January 31, 2022



# TABLE OF CONTENTS

EX	ECUTIVE SUMMARY	.4
1.	INTRODUCTION	. 5
2.	GROUNDWATER MONITORING SYSTEM	. 6
3.	INSTALLED OR DECOMISSIONED WELLS DURING 2021	. 7
4.	GROUNDWATER MONITORING DATA	. 8
5.	STATUS SUMMARY OF THE 2021 GROUNDWATER MONITORING PROGRAM	. 9
6.	PROJECTED ACTIVITIES FOR 2022	10

## LIST OF APPENDICES

APPENDIX A: Site Map

**APPENDIX B: Groundwater Monitoring Data** 



# **EXECUTIVE SUMMARY**

Entergy Arkansas, LLC (Entergy), operated two recycle ponds as part of its process water system for bottom ash transport at the Independence Steam Electric Station (Plant) located near Newark, Arkansas. The recycle ponds provided intermediate storage of waters used in the transport of coal combustion residuals (CCR) generated from the combustion of coal at the plant. The West pond commenced closure as of August 2020 and the East pond commenced closure as of February 2021. Management of the CCRs at the recycle ponds is performed pursuant to national criteria established in Title 40 of the Code of Federal Regulations (40 CFR), Part 257 (CCR Rule), effective April 19, 2015 and subsequent revisions to the CCR Rule.

The Plant conducted two semi-annual detection monitoring events in 2021 for the recycle ponds CCR unit monitoring well network per 40 CFR § 257.94. The statistical analyses completed for the second semi-annual 2020 and first semi-annual 2021 sampling event analytical data did not identify statistically significant increases (SSIs). The recycle ponds CCR Unit operated under the detection monitoring program (40 CFR § 257.94) during the duration of 2021.



# 1. INTRODUCTION

Entergy Arkansas, LLC (Entergy), operated two recycle ponds as part of its process water system for bottom ash transport at the Plant located near Newark, Arkansas (Lat: 35.67826 / Long: -91.408848). The recycle ponds provided intermediate storage of waters used in the transport of CCR generated from the combustion of coal at the Plant. The West pond commenced closure as of August 2020 and the East pond commenced closure in February 2021. The recycle ponds are managed in accordance with the national criteria established in the CCR Rule. Entergy installed a groundwater monitoring system at the recycle ponds CCR Unit that is subject to the groundwater monitoring and corrective action requirements provided under §§257.90 through 257.98 of the CCR rule. In accordance with §257.90(e) of the CCR rule, Entergy must prepare an annual report that provides information regarding the groundwater monitoring and corrective action program at the recycle ponds CCR Unit.



# 2. GROUNDWATER MONITORING SYSTEM

The recycle ponds CCR unit groundwater monitoring system consists of 10 monitoring wells as shown on Figure 1 included in Appendix A. Pursuant to §257.91(f) of the CCR rule, a qualified Arkansas-registered professional engineer has certified the groundwater monitoring system, which was designed and constructed to meet the requirements of §257.91.



# 3. INSTALLED OR DECOMISSIONED WELLS DURING 2021

Entergy did not install any new wells or decommission any existing wells in the certified groundwater monitoring system during 2021.



# 4. GROUNDWATER MONITORING DATA

In accordance with §257.90(e)(3), all monitoring data obtained under §§257.90 through 257.98 during 2021 are provided in Appendix B. Data include:

- Summary of the number of groundwater samples that were collected for analysis for each background and downgradient well;
- Dates the samples were collected; and
- Whether the sample was collected as part of detection or assessment monitoring.



# 5. STATUS SUMMARY OF THE 2021 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring was performed in accordance with the detection monitoring requirements of §257.94. A summary of activities related to groundwater detection monitoring performed during 2021 is provided in the list below:

- In accordance with §257.94(b), semiannual detection monitoring was performed during the first half (June) and second half (November) of 2021 for analysis of Appendix III parameters (boron, calcium, chloride, fluoride, pH, sulfate and total dissolved solids (TDS)).
- Statistical evaluation of the semiannual detection monitoring data was performed in accordance with the statistical method certified by a qualified Arkansas-registered professional engineer. The certified statistical method has been posted to Entergy's CCR Rule Compliance Data and Information website.
- Statistical evaluation of the second half 2020 semi-annual detection monitoring event was completed in 2021 and no SSIs were identified; therefore, Entergy did not prepare an alternative source demonstrations (ASDs) per §257.94(e)(2) for the detection monitoring event for the CADL CCR Unit.
- The first-half 2021 detection monitoring sampling was performed during June 2021. Based on statistical evaluation of the data, resampling was not required, and no statistically significant increases (SSIs) were identified.
- The second-half 2021 detection monitoring sampling was performed during December 2021. Statistical evaluation of the data will be performed in 2022 to determine if any SSIs are identified in accordance with §257.93(h).
- No problems were encountered during 2021 with regard to the detection monitoring and corrective action system. Therefore, no actions were required to modify the system.
- The recycle ponds CCR unit remained in detection monitoring for the duration of 2021.



# 6. PROJECTED ACTIVITIES FOR 2022

Planned activities for the program during 2022 are listed below:

- Statistical evaluation of the second-half 2021 and first-half 2022 detection monitoring sampling data will be performed during 2022 to determine if any SSIs are identified.
- Semiannual detection monitoring is planned for June and December 2022.



APPENDIX A SITE MAP



RECYCLING P	POND WELL	LOCATIONS
-------------	-----------	-----------

DRAWN BY:	S. MAJOR	PROJ. NO.: 431479
CHECKED BY:	L. BURRIS	
APPROVED BY:	J. HOUSE	FIGURE 1
DATE:	January 2022	
		Two United Plaza



APPENDIX B GROUNDWATER MONITORING DATA



Sampling Schedule, Entergy Independence Recycle Ponds Network								
	Detection Monitoring Sampling Da							
Well ID	6/18-6/23/2021	11/17/2021	Number of Samples Collected					
RP-1	Х	Х	2					
RP-2	Х	Х	2					
RP-3	1	х	1					
RP-4	Х	Х	2					
RP-5	Х	Х	2					
RP-6	Х	Х	2					
RP-7	Х	Х	2					
RP-8	Х	х	2					
RP-9	Х	Х	2					
RP-10	Х	Х	2					

Notes:All samples collected through 2021 were part of the detection monitoring program. No<br/>samples collected through 2021 were part of an assessment monitoring program.

1

RP-3 (a background well) was inaccessible during 1<sup>st</sup> Half sampling (6/18-6/23/2021) due to site construction activities.



Field pH data collected during 2021, Entergy Independence Recycle Ponds network						
Well ID	Date Collected	pH (su)				
PD_1	6/18/2021	6.00				
NF-1	11/17/2021	6.60				
ר חם	6/18/2021	5.89				
RP-Z	11/17/2021	6.81				
כ חם	6/18/2021	1				
KP-3	11/17/2021	6.96				
	6/18/2021	6.40				
RP-4	11/17/2021	7.02				
	6/17/2021	6.79				
KP-5	11/17/2021	7.46				
	6/17/2021	6.87				
KP-0	11/17/2021	7.49				
7 חח	6/23/2021	6.39				
KP-7	11/17/2021	6.98				
0 00	6/23/2021	6.32				
KP-8	11/17/2021	7.04				
0 00	6/18/2021	6.54				
кр-у	11/17/2021	7.06				
DD 10	6/18/2021	6.58				
KP-10	11/17/2021	7.33				

<sup>1</sup> RP-3 (a background well) was inaccessible during 1<sup>st</sup> Half sampling (6/18-6/23/2021) due to site construction activities.



# Pace Analytical® ANALYTICAL REPORT July 13, 2021

**TRC Solutions - Dallas, TX** 

Sample Delivery Group: Samples Received: Project Number: Description:

L1369498 06/22/2021 419735 Entergy Independence

Report To:

Zak Sabatka 700 Highlander Blvd, Ste 210 Arlington, TX 76015

Тс Ss Cn Śr ʹQc Gl AI Sc

### Entire Report Reviewed By:

Jason Romer Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV/SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

# **Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

ACCOUNT: TRC Solutions - Dallas, TX PROJECT: 419735

SDG: L1369498

DATE/TIME: 07/13/21 12:12

PAGE: 1 of 17

# TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
RP-1 L1369498-01	5
RP-2 L1369498-02	6
RP-4 L1369498-03	7
RP-5 L1369498-04	8
RP-6 L1369498-05	9
Qc: Quality Control Summary	10
Gravimetric Analysis by Method 2540 C-2011	10
Wet Chemistry by Method 9040C	11
Wet Chemistry by Method 9056A	12
Metals (ICP) by Method 6010B	14
GI: Glossary of Terms	15
Al: Accreditations & Locations	16
Sc: Sample Chain of Custody	17

<sup>1</sup>Cp <sup>2</sup>Tc <sup>3</sup>Ss <sup>4</sup>Cn <sup>5</sup>Sr <sup>6</sup>Qc <sup>7</sup>Gl <sup>8</sup>Al <sup>9</sup>Sc

SDG: L1369498 DATE/TIME: 07/13/21 12:12

PAGE: 2 of 17

# SAMPLE SUMMARY

PP 1 1 1369/98 01 CW			Collected by Z. Sabatka	Collected date/time 06/18/21 15:12	Received da 06/22/21 09	te/time :00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
	Daten	Bhation	date/time	date/time	rindijse	Location
Gravimetric Analysis by Method 2540 C-2011	WG1694174	1	06/23/21 21:51	06/24/21 06:44	VRP	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1696929	1	06/29/2112:00	06/29/21 12:00	SAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1701005	1	07/07/21 21:04	07/07/21 21:04	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1701049	1	07/09/2110:20	07/09/21 16:01	KMG	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
RP-2 L1369498-02 GW			Z. Sabatka	06/18/21 14:25	06/22/21 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1694174	1	06/23/21 21:51	06/24/21 06:44	VRP	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1696929	1	06/29/21 12:00	06/29/21 12:00	SAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1701005	1	07/07/21 21:41	07/07/21 21:41	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1701049	1	07/09/2110:20	07/09/2116:04	KMG	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
RP-4 L1369498-03 GW			Z. Sabatka	06/18/21 11:28	06/22/21 09	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Gravimetric Analysis by Method 2540 C-2011	WG1694174	1	06/23/21 21:51	06/24/21 06:44	VRP	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1696929	1	06/29/21 12:00	06/29/21 12:00	SAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1701005	1	07/07/21 22:18	07/07/21 22:18	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1701005	5	07/08/21 11:44	07/08/21 11:44	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1701049	1	07/09/2110:20	07/09/21 16:07	KMG	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
RP-5 L1369498-04 GW			Z. Sabatka	06/18/21 12:08	06/22/21 09	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time	2	
Gravimetric Analysis by Method 2540 C-2011	WG1694174	1	06/23/21 21:51	06/24/21 06:44	VRP	Mt. Juliet. TN
Wet Chemistry by Method 9040C	WG1696929	1	06/29/2112:00	06/29/21 12:00	SAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1701005	1	07/07/21 22:36	07/07/21 22:36	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1701005	5	07/08/21 12:02	07/08/21 12:02	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1701049	1	07/09/2110:20	07/09/21 16:10	KMG	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
RP-6 L1369498-05 GW			Z. Sabatka	06/18/21 12:52	06/22/21 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1694174	1	06/23/21 21:51	06/24/21 06:44	VRP	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1696929	1	06/29/21 12:00	06/29/21 12:00	SAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1701005	1	07/07/21 22:55	07/07/21 22:55	ELN	Mt. Juliet. TN
Wet Chemistry by Method 9056A	WG1701005	5	07/08/21 12:21	07/08/21 12:21	ELN	Mt. Juliet. TN
Metals (ICP) by Method 6010B	WG1701049	1	07/09/2110:20	07/09/21 16:13	KMG	Mt. Juliet. TN

SDG: L1369498 DATE/TIME: 07/13/21 12:12

<sup>⁴</sup>Cn <sup>⁵</sup>Sr <sup>⁶</sup>Qc <sup>7</sup>Gl <sup>ଃ</sup>Al

Ср

<sup>2</sup>Tc

Ss

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer Project Manager



SDG: L1369498 DAT 07/13 PAGE: 4 of 17

#### SAMPLE RESULTS - 01 L1369498

### Gravimetric Analysis by Method 2540 C-2011

	Result	Qualifier	RDL	Dilution	Analysis	Batch	Ср	
Analyte	ug/l		ug/l		date / time		2	
Dissolved Solids	219000		10000	1	06/24/2021 06:44	<u>WG1694174</u>	⁻Tc	

#### Wet Chemistry by Method 9040C

Wet Chemistry by Method 9040C							
	Result	Qualifier	Dilution	Analysis	Batch		
Analyte	su			date / time		$^{4}$ Cn	
рН	7.76	<u>T8</u>	1	06/29/2021 12:00	WG1696929		

#### Sample Narrative:

L1369498-01 WG1696929: 7.76 at 21.7C

#### Wet Chemistry by Method 9056A

Wet Chemistry by Method 9056A									
	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	7	
Analyte	ug/l		ug/l	ug/l		date / time		Gi	
Chloride	7250		379	1000	1	07/07/2021 21:04	WG1701005	8	
Fluoride	104	J	64.0	150	1	07/07/2021 21:04	WG1701005	Ă	
Sulfate	13800		594	5000	1	07/07/2021 21:04	WG1701005		
								°Sc	
Metals (ICP) by Method 6010B									

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	U		20.0	200	1	07/09/2021 16:01	WG1701049
Calcium	49500		79.3	1000	1	07/09/2021 16:01	WG1701049

SDG: L1369498

#### SAMPLE RESULTS - 02 L1369498

## Gravimetric Analysis by Method 2540 C-2011

							1 Cm	
	Result	Qualifier	RDL	Dilution	Analysis	Batch	Ср	
Analyte	ug/l		ug/l		date / time		2	
Dissolved Solids	216000		10000	1	06/24/2021 06:44	<u>WG1694174</u>	Tc	
Vet Chemistry by Method 9040C								

#### Wet Chemistry by Method 9040C

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	su			date / time		$^{4}$ Cn
РН	8.14	<u>T8</u>	1	06/29/202112:00	WG1696929	

#### Sample Narrative:

L1369498-02 WG1696929: 8.14 at 21.7C

#### Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	7
Analyte	ug/l		ug/l	ug/l		date / time		0
Chloride	2530	B	379	1000	1	07/07/2021 21:41	WG1701005	8
Fluoride	122	J	64.0	150	1	07/07/2021 21:41	WG1701005	Ă
Sulfate	19800		594	5000	1	07/07/2021 21:41	WG1701005	
								2 <sup>e</sup>
Metals (ICP) by Me	ethod 6010	)B						5

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	73.4	J	20.0	200	1	07/09/2021 16:04	WG1701049
Calcium	36200		79.3	1000	1	07/09/2021 16:04	WG1701049

#### SAMPLE RESULTS - 03 L1369498

#### Collected date/time: 06/18/21 11:28

Gravimetric Analy	sis by Method 25	640 C-20	)11				1
	Result	Qualifier	RDL	Dilution	Analysis	Batch	Cp
Analyte	ug/l		ug/l		date / time		2
Dissolved Solids	369000		10000	1	06/24/2021 06:44	<u>WG1694174</u>	<sup>2</sup> Tc
Wet Chemistry by	Method 9040C						<sup>3</sup> Ss
	Result	Qualifier	Dilution	Analysis	Batch		
Analyte	su			date / time			<sup>4</sup> Cp

WG1696929

06/29/2021 12:00

#### Sample Narrative:

рΗ

L1369498-03 WG1696929: 7.81 at 21.7C

#### Wet Chemistry by Method 9056A

7.81

<u>T8</u>

1

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	<sup>7</sup> G
Analyte	ug/l		ug/l	ug/l		date / time		
Chloride	8260		379	1000	1	07/07/2021 22:18	WG1701005	8
Fluoride	228		64.0	150	1	07/07/2021 22:18	WG1701005	Ă
Sulfate	114000		2970	25000	5	07/08/2021 11:44	WG1701005	
Metals (ICP) by	Method 601	ЭВ						<sup>9</sup> Sc

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	387		20.0	200	1	07/09/2021 16:07	WG1701049
Calcium	68700		79.3	1000	1	07/09/2021 16:07	WG1701049

Cn

#### SAMPLE RESULTS - 04 L1369498

Collected date/time: 06/18/21 12:08 Gravimetric Analysis by Method 2540 C-2011

Gravimetric Analysis by I	vietnoù 25	40 C-201	I				$^{1}$ C $\sim$
	Result	Qualifier	RDL	Dilution	Analysis	Batch	Ср
Analyte	ug/l		ug/l		date / time		2
Dissolved Solids	20000		10000	1	06/24/2021 06:44	<u>WG1694174</u>	Tc
Wet Chemistry by Metho	d 9040C						<sup>3</sup> Ss

#### Wet Chemistry by Method 9040C

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	su			date / time		$^{4}$ Cn
Н	7.44	<u>T8</u>	1	06/29/202112:00	WG1696929	

#### Sample Narrative:

L1369498-04 WG1696929: 7.44 at 21.9C

#### Wet Chemistry by Method 9056A

Wet Chemis		1030A							1
	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	<sup>7</sup> Cl	1
Analyte	ug/l		ug/l	ug/l		date / time			
Chloride	9170		379	1000	1	07/07/2021 22:36	WG1701005	8	ī
Fluoride	394		64.0	150	1	07/07/2021 22:36	WG1701005	A	
Sulfate	275000		2970	25000	5	07/08/2021 12:02	WG1701005		1
Metals (ICP)	by Method 6010	OB						°Sc	

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	1260		20.0	200	1	07/09/2021 16:10	WG1701049
Calcium	88400		79.3	1000	1	07/09/2021 16:10	WG1701049

#### SAMPLE RESULTS - 05 L1369498

#### Collected date/time: 06/18/21 12:52 Gravimetric Analysis by Method 2540 C-2011

8.24

<u>T8</u>

1

	Result	Qualifier	RDL	Dilution	Analysis	Batch	Cp		
Analyte	ug/l		ug/l		date / time		2		
Dissolved Solids	175000		10000	1	06/24/2021 06:44	<u>WG1694174</u>	⁻Tc		
Wet Chemistry by Meth	nod 9040C						<sup>3</sup> Ss		
	Result	Qualifier	Dilution	Analysis	Batch				
Analyte	su			date / time			4		

WG1696929

06/29/2021 12:00

#### Sample Narrative:

рΗ

L1369498-05 WG1696929: 8.24 at 22.5C

#### Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	$^{7}$ CI	1
Analyte	ug/l		ug/l	ug/l		date / time		G	
Chloride	9740		379	1000	1	07/07/2021 22:55	WG1701005	8	1
Fluoride	457		64.0	150	1	07/07/2021 22:55	WG1701005	ĬAĬ	
Sulfate	229000		2970	25000	5	07/08/2021 12:21	WG1701005		1
Matala (ICD) by	Mathad CO1							<sup>9</sup> Sc	]

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	251		20.0	200	1	07/09/2021 16:13	WG1701049
Calcium	99800		79.3	1000	1	07/09/2021 16:13	WG1701049

°Cn

Gravimetric Analysis by Method 2540 C-2011

#### QUALITY CONTROL SUMMARY L1369498-01,02,03,04,05

#### Method Blank (MB)

(MB) R3672882-1 06/24/2106:44					
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	ug/l		ug/l	ug/l	
Dissolved Solids	U		10000	10000	

#### L1369484-27 Original Sample (OS) • Duplicate (DUP)

OS) L1369484-27 06/24/21 06:44 • (DUP) R3672882-3 06/24/21 06:44								
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits		
Analyte	ug/l	ug/l		%		%		
Dissolved Solids	374000	369000	1	1.35		5		

### L1369522-01 Original Sample (OS) • Duplicate (DUP)

L1369522-01 Origir	nal Sample	(OS) • Dup	olicate (	DUP)			<sup>7</sup> Gl			
(OS) L1369522-01 06/24/21 06:44 • (DUP) R3672882-4 06/24/21 06:44										
	Original Result DUP Result Dilution DUP RPD <u>DUP Qualifier</u> Limits									
Analyte	ug/l	ug/l		%		%				
Dissolved Solids	825000	1020000	1	20.9	<u>J3</u>	5	<sup>9</sup> Sc			

#### Laboratory Control Sample (LCS)

(LCS) R3672882-2 06/24/21 06:44						
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	ug/l	ug/l	%	%		
Dissolved Solids	8800000	8790000	99.9	77.4-123		

DATE/TIME: 07/13/21 12:12 Тс

Ss

Cn

Sr

Wet Chemistry by Method 9040C

#### QUALITY CONTROL SUMMARY L1369498-01,02,03,04,05

## L1369498-01 Original Sample (OS) • Duplicate (DUP)

(		,=					
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	UP RPD imits	$^{2}$ TC
Analyte	SU	su		%		, >	
рН	7.76	7.79	1	0.386			<sup>3</sup> Ss
Sample Narrative: OS: 7.76 at 21.7C							<sup>4</sup> Cr

OS: 7.76 at 21.7C

DUP: 7.79 at 22C

#### L1369522-10 Original Sample (OS) • Duplicate (DUP)

#### (OS) L1369522-10 06/29/21 12:00 • (DUP) R3673433-3 06/29/21 12:00 DUP RPD Original Result DUP Result Dilution DUP RPD DUP Qualifier Limits % % Analyte su su pН 8.27 8.28 1 0.121 1 Sample Narrative: OS: 8.27 at 23.8C

DUP: 8.28 at 23C

#### Laboratory Control Sample (LCS)

(LCS) R3673433-1 06/29/2112:00								
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte	su	su	%	%				
рН	10.0	10.1	101	99.0-101				

#### Sample Narrative:

LCS: 10.06 at 24.9C

SDG: L1369498

DATE/TIME: 07/13/21 12:12

PAGE: 11 of 17 Sr

<sup>°</sup>Qc

GI

ΆI

Wet Chemistry by Method 9056A

#### QUALITY CONTROL SUMMARY L1369498-01,02,03,04,05

## Method Blank (MB)

(IVIB) R3677078-1 07/07/2	110.37				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	ug/l		ug/l	ug/l	Tc
Chloride	415	J	379	1000	
Fluoride	U		64.0	150	<sup>3</sup> SS
Sulfate	U		594	5000	00

#### L1369484-24 Original Sample (OS) • Duplicate (DUP)

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	422	413	1	2.13	J	15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

## L1369498-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1369498-01 07/07/2	1 21:04 • (DUP)	R3677078-6 C	07/07/212	1:23		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	7250	7240	1	0.246		15
Fluoride	104	103	1	1.45	<u>J</u>	15
Sulfate	13800	13800	1	0.127		15

#### Laboratory Control Sample (LCS)

(LCS) R3677078-2 07/07/2	21 10:55				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Chloride	40000	40100	100	80.0-120	
Fluoride	8000	8230	103	80.0-120	
Sulfate	40000	40600	102	80.0-120	

ACCOUNT:	
TRC Solutions - Dallas, TX	

PROJECT: 419735

DATE/TIME: 07/13/21 12:12

PAGE: 12 of 17 Ср

<sup>4</sup>Cn

Sr

Qc

GI

Â

Wet Chemistry by Method 9056A

# QUALITY CONTROL SUMMARY

## L1369484-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1369484-25 07/07/2	21 15:51 • (MS) F	3677078-4 07	7/07/21 16:10 • (	MSD) R367707	78-5 07/07/211	17:05						
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Chloride	50000	428	49500	50100	98.1	99.3	1	80.0-120			1.25	15
Fluoride	5000	U	4980	5050	99.7	101	1	80.0-120			1.29	15
Sulfate	50000	U	49600	50200	99.2	100	1	80.0-120			1.13	15

#### L1369498-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1369498-02 07/07/2	21 21:41 • (MS) R	3677078-7 07	7/07/21 22:00				
	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Chloride	50000	2530	51800	98.4	1	80.0-120	
Fluoride	5000	122	5080	99.1	1	80.0-120	
Sulfate	50000	19800	69600	99.8	1	80.0-120	

DATE/TIME: 07/13/21 12:12

PAGE: 13 of 17 Тс

Ss

Cn

Sr

Qc

GI

Â

Metals (ICP) by Method 6010B

#### QUALITY CONTROL SUMMARY L1369498-01,02,03,04,05

#### Method Blank (MB)

Method Blank (	MB)					
(MB) R3677764-1 07/	09/21 14:50					-P
	MB Result	MB Qualifier	MB MDL	MB RDL	2	_
Analyte	ug/l		ug/l	ug/l		ГС
Boron	U		20.0	200		
Calcium	U		79.3	1000	3	35
						~

#### Laboratory Control Sample (LCS)

(LCS) R3677764-2 07/09/2	21 14:52					-
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	Sr
Analyte	ug/l	ug/l	%	%		
Boron	1000	997	99.7	80.0-120		<sup>6</sup>
Calcium	10000	10000	100	80.0-120		

#### L1369263-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

		· · · ·					· · · · · · · · · · · · · · · · · · ·						
(OS) L1369263-21 07/09/2	21 14:55 • (MS) F	R3677764-4 0	7/09/2115:01•	(MSD) R36777	64-5 07/09/21	15:04							 <sup>8</sup> AI
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%	9
Boron	1000	58.3	1090	1070	104	101	1	75.0-125			1.94	20	Sc
Calcium	10000	145000	154000	153000	94.4	77.9	1	75.0-125			1.07	20	

DATE/TIME: 07/13/21 12:12

PAGE: 14 of 17 ⁺Cn

Qc

GI

# GLOSSARY OF TERMS

#### Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

#### Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
В	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
Т8	Sample(s) received past/too close to holding time expiration.

SDG: L1369498

# ACCREDITATIONS & LOCATIONS

# Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky <sup>16</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	Al30792	Tennessee <sup>14</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SDG: L1369498 <sup>1</sup> Cp <sup>2</sup> Tc <sup>3</sup> Ss <sup>4</sup> Cn <sup>5</sup> Sr <sup>6</sup> Qc <sup>7</sup> GI <sup>8</sup> Al <sup>9</sup> Sc

Company Name/Address:			Billing Infor	mation:						A	nalvsis / Co	ontainer	Preserv	ative	-	1	Chain of Custod	y Page of
TRC Solutions - Dallas,		Accounts Payable 21 Griffin Rd. N. Windsor, CT 06095				Pres Chk			2 V							Pau	<b>)</b> ce Analytical	
Arlington, TX 76015			, indication,	,													/	
Report to: Zak Sabatka / Jason Ha	nse		Email To: Z	sabatka@	trccompa	nies.com	3										12065 Lebanon Rd N Submitting a sample constitutes acknowle Pace Terms and Conc	lount Juliet, TN 37122 via this chain of custody dgment and acceptance of th litions found at:
Project Description:	(	City/State	Jan 2	-t	re	Please Cir PT MT C	cle: ET	es									https://info.pacelabs terms.pdf	.com/hubfs/pas-standard-
Phone: 817-522-1026	Client Project #		-	Lab Proje	ect # X-ENTE	RGYINDY	Ē	-NoPr		NO3							SDG #	136949g
	419	133						DPE	es	H							Table #	0105
Collected by (print):	Site/Facility ID	#		P.O. #				HIM	NoPr	HDP							Acctnum: TR	CDTX
Collected by (signature)	Rush? (La	ab MUST Be	Notified)	Quote	Ħ			125	PE-I	Oml	-		5			30	Template: 11	89403 54263
ummediately	Same Da Same Da Next Day Two Day Three Da	y Five 5 Day 10 D	Day / (Rad Only) ay (Rad Only)	Dat	Results	Needed 121	No.	H, S04	SomIHD	8, Ca 25							PM: 134 - Ma	rk W. Beasley
Sample ID	Comp/Grab	Matrix *	Depth	Da	ate	Time	Cntrs	Cl, F, p	rDS 2	rotal l							Shipped Via:   Remarks	Sample # (lab only
2D-1	Kah	GW		Gh	ski	1517	3	X	X	X							-	-01
PP.2	500	GW		1	-1-	1425	1	1	1	1								02
		GW	0.5%			1178										1200	and the second	03
RD-C		GW	ter personalities and the second			1208												04
PP-6		GW	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		(	1252	11	1	V	J				and the second				05
H V		GW	مريسيتي		a na anna an	and the second	1		100							1		
		GW				and all marks	1		1.1							1		
		GW	12.44				100											
		GW			entre en		1944											
1		GW														1.15		
* Matrix: SS - Soil AIR - Air F + Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water	Remarks: Rev	n M oc	is c m N	ioc Ns	sef	oler	5	0	otto	ler	pH		Temp Other		COC S COC S Bottl Corre Suffi	Sampi eal Pr igned/ es arr ct bot cient	le Receipt ( esent/Intac Accurate: ive intact: tles used: volume sent	t: NP Y
OT - Other	UPSFedEx	Courie	r <u>1997</u>		Trackin	<sup>ng#</sup> 51	107	3 -	760	98	95	520	in the	-	VOA Z	ero He	adspace:	hecked: _Y _1
Relinguished by : (Signature)		ate:  2( 2	Tim	e: 30	Receive	ed by: (Signa	ture)				Trip Blank	Received	: Yes A HCL TBR	No MeoH	RAD S	creen	<0.5 mR/hr:	1
Relinquished by : (Signature)	Di	ate:	Tim	ie:	Receiv	ed by: (Signa	ture)		٨		Temp: 1.3+	1.4°C	Bottles R	eceived:	If pres	ervation	n required by L	ogin: Date/Time
Relinquished by : (Signature)	D	ate:	Tim	ie:	Receiv	ed for lab by	(Signa	ture	li	n	Date:	ul	Time: UIC	900	Hold:			Condition: NCF / OK



# Pace Analytical® ANALYTICAL REPORT July 16, 2021

**TRC Solutions - Dallas, TX** 

Sample Delivery Group: Samples Received: Project Number: Description:

L1372318 06/29/2021 419735 Entergy Independence

Report To:

Zak Sabatka 700 Highlander Blvd, Ste 210 Arlington, TX 76015

Тс Ss Cn Śr ʹQc Gl ΆI Sc

## Entire Report Reviewed By:

Jason Romer Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV/SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

# **Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

ACCOUNT: TRC Solutions - Dallas, TX PROJECT: 419735

SDG: L1372318

DATE/TIME: 07/16/21 11:45 PAGE: 1 of 17

# TABLE OF CONTENTS

Cp: Cover Page	1				
Tc: Table of Contents	2				
Ss: Sample Summary	3				
Cn: Case Narrative	4				
Sr: Sample Results	5				
RP-7 L1372318-01	5				
RP-8 L1372318-02	6				
RP-9 L1372318-03	7				
RP-10 L1372318-04	8				
Qc: Quality Control Summary	9				
Gravimetric Analysis by Method 2540 C-2011	9				
Wet Chemistry by Method 9040C	11				
Wet Chemistry by Method 9056A	12				
Metals (ICP) by Method 6010B	14				
GI: Glossary of Terms					
Al: Accreditations & Locations					
Sc: Sample Chain of Custody	17				

<sup>1</sup>Cp <sup>2</sup>Tc <sup>3</sup>Ss <sup>4</sup>Cn <sup>5</sup>Sr <sup>6</sup>Qc <sup>7</sup>Gl <sup>8</sup>Al <sup>9</sup>Sc

SDG: L1372318 DATE/TIME: 07/16/21 11:45

# SAMPLE SUMMARY

RP-7   1372318-01 GW			Collected by Z. Sabatka	Collected date/time 06/23/21 08:49	Received da 06/29/2114:	te/time 00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Gravimetric Analysis by Method 2540 C-2011	WG1697733	1	06/30/21 15:35	06/30/21 16:28	VRP	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1700129	1	07/04/21 15:00	07/04/21 15:00	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1704443	1	07/14/21 12:35	07/14/21 12:35	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1704443	5	07/14/21 22:11	07/14/21 22:11	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1705205	1	07/15/21 17:15	07/16/21 01:05	CCE	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
RP-8 L1372318-02 GW			Z. Sabatka	06/23/21 09:10	06/29/2114:	00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Gravimetric Analysis by Method 2540 C-2011	WG1697733	1	06/30/21 15:35	06/30/21 16:28	VRP	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1700129	1	07/04/21 15:00	07/04/21 15:00	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1704443	1	07/14/21 13:01	07/14/21 13:01	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1705205	1	07/15/21 17:15	07/16/21 01:08	CCE	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
RP-9 L1372318-03 GW			Z. Sabatka	06/23/21 09:35	06/29/2114:	00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Gravimetric Analysis by Method 2540 C-2011	WG1697728	1	06/30/21 14:49	06/30/21 15:32	VRP	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1700129	1	07/04/21 15:00	07/04/21 15:00	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1704443	1	07/14/21 13:40	07/14/21 13:40	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1705205	1	07/15/21 17:15	07/16/21 01:11	CCE	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
RP-10 L1372318-04 GW			Z. Sabatka	06/23/21 10:18	06/29/2114:	00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1697728	1	06/30/21 14:49	06/30/21 15:32	VRP	Mt. Juliet. TN
Wet Chemistry by Method 9040C	WG1700129	1	07/04/21 15:00	07/04/21 15:00	BMD	Mt. Juliet. TN
Wet Chemistry by Method 9056A	WG1704443	1	07/14/21 13:53	07/14/21 13:53	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1704443	5	07/14/21 14:31	07/14/21 14:31	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1705205	1	07/15/21 17:15	07/16/21 01:14	CCE	Mt. Juliet, TN

SDG: L1372318 Ср

<sup>2</sup>Tc

Ss

Cn

Sr

Qc

GI

ΆI

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer Project Manager



SDG: L1372318

PAGE: 4 of 17

#### SAMPLE RESULTS - 01 L1372318

#### Gravimetric Analysis by Method 2540 C-2011

Result <u>Qualifier</u> RDL Dilution Analysis	Batch	1
Analyte ug/l ug/l date / time	2	-
Dissolved Solids 357000 10000 1 06/30/202116:28	<u>WG1697733</u>	

#### Wet Chemistry by Method 9040C

Collected date/time: 06/23/21 08:49

Wet Chemistry by Method 9040C						<sup>3</sup> Ss
	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	su			date / time		$^{4}$ Cn
Η	6.92	<u>T8</u>	1	07/04/2021 15:00	WG1700129	

#### Sample Narrative:

L1372318-01 WG1700129: 6.92 at 17.9C

#### Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	7
Analyte	ug/l		ug/l	ug/l		date / time		GI
Chloride	10100		379	1000	1	07/14/2021 12:35	WG1704443	8
Fluoride	156		64.0	150	1	07/14/2021 12:35	WG1704443	Ă
Sulfate	104000		2970	25000	5	07/14/2021 22:11	WG1704443	
Vietals (ICP) by Method 6010B								

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	193	J	20.0	200	1	07/16/2021 01:05	WG1705205
Calcium	69000		79.3	1000	1	07/16/2021 01:05	WG1705205
#### SAMPLE RESULTS - 02 L1372318

#### Gravimetric Analysis by Method 2540 C-2011

							1'Cn
	Result	Qualifier	RDL	Dilution	Analysis	Batch	Ср
Analyte	ug/l		ug/l		date / time		2
Dissolved Solids	453000		10000	1	06/30/202116:28	<u>WG1697733</u>	⁻Tc

#### Wet Chemistry by Method 9040C

Collected date/time: 06/23/21 09:10

Wet Chemistry by Metho	d 9040C					<sup>3</sup> Ss
	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	su			date / time		$^{4}$ Cn
рН	7.47	<u>T8</u>	1	07/04/202115:00	WG1700129	

#### Sample Narrative:

L1372318-02 WG1700129: 7.47 at 18.4C

#### Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	
Analyte	ug/l		ug/l	ug/l		date / time		G
Chloride	2660		379	1000	1	07/14/2021 13:01	WG1704443	8
Fluoride	243		64.0	150	1	07/14/2021 13:01	<u>WG1704443</u>	ĨAĨ
Sulfate	51600		594	5000	1	07/14/2021 13:01	WG1704443	9 9
Metals (ICP)	by Method 601	OB						SC

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	717		20.0	200	1	07/16/2021 01:08	WG1705205
Calcium	69200		79.3	1000	1	07/16/2021 01:08	WG1705205

#### SAMPLE RESULTS - 03 L1372318

## Collected date/time: 06/23/21 09:35

Gravimetric Analysis by	Method 25	540 C-20	)11				1	
	Result	Qualifier	RDL	Dilution	Analysis	Batch		Ĵр
Analyte	ug/l		ug/l		date / time		2	
Dissolved Solids	220000		10000	1	06/30/202115:32	<u>WG1697728</u>	T	ГС
Wet Chemistry by Methe	od 9040C						<sup>3</sup> S	Ss
	Result	Qualifier	Dilution	Analysis	Batch			
Analyte	su			date / time			4	<u>n</u>
рН	6.88	<u>T8</u>	1	07/04/2021 15:0	0 <u>WG1700129</u>			~11

#### Sample Narrative:

L1372318-03 WG1700129: 6.88 at 18.9C

#### Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	<u>Batch</u>	7
Analyte	ug/l		ug/l	ug/l		date / time		GI
Chloride	7010		379	1000	1	07/14/2021 13:40	WG1704443	8
Fluoride	92.3	J	64.0	150	1	07/14/2021 13:40	WG1704443	Ă
Sulfate	7450		594	5000	1	07/14/2021 13:40	WG1704443	
Metals (ICP)	by Method 601	OB						<sup>9</sup> Sc

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	26.7	J	20.0	200	1	07/16/2021 01:11	WG1705205
Calcium	52600		79.3	1000	1	07/16/2021 01:11	WG1705205

#### SAMPLE RESULTS - 04 L1372318

#### Gravimetric Analysis by Method 2540 C-2011

							'Cn
	Result	Qualifier	RDL	Dilution	Analysis	Batch	Ср
Analyte	ug/l		ug/l		date / time		2
Dissolved Solids	454000		10000	1	06/30/202115:32	<u>WG1697728</u>	Tc

#### Wet Chemistry by Method 9040C

Collected date/time: 06/23/21 10:18

Wet Chemistry by Metho	d 9040C					<sup>³</sup> Ss
	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	SU			date / time		<sup>4</sup> Cn
рН	7.26	<u>T8</u>	1	07/04/2021 15:00	WG1700129	

#### Sample Narrative:

L1372318-04 WG1700129: 7.26 at 19.8C

#### Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch	<sup>7</sup> Cl
Analyte	ug/l		ug/l	ug/l		date / time		G
Chloride	9760		379	1000	1	07/14/2021 13:53	WG1704443	8
Fluoride	160		64.0	150	1	07/14/2021 13:53	WG1704443	A
Sulfate	134000		2970	25000	5	07/14/2021 14:31	WG1704443	
								<sup>9</sup> Sc
Metals (ICP)	by Method 6010	ЭВ						

#### Metals (ICP) by Method 6010B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Boron	516		20.0	200	1	07/16/2021 01:14	WG1705205
Calcium	84700		79.3	1000	1	07/16/2021 01:14	WG1705205

SDG: L1372318

Gravimetric Analysis by Method 2540 C-2011

# QUALITY CONTROL SUMMARY

#### Method Blank (MB)

(MB) R3677720-1 06/30/2	21 15:32			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

#### Laboratory Control Sample (LCS)

(LCS) R3677720-2 06/30	)/21 15:32				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8770000	99.7	77.4-123	

DATE/TIME: 07/16/21 11:45 PAGE: 9 of 17

Gravimetric Analysis by Method 2540 C-2011

#### QUALITY CONTROL SUMMARY L1372318-01,02

#### Method Blank (MB)

(MB) R3675076-1 06/30/2	21 16:28			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

#### L1369791-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1369791-03 06/30/2	21 16:28 • (DUP)	R3675076-3	06/30/21	16:28		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	709000	720000	1	1.49		5

#### L1372318-02 Original Sample (OS) • Duplicate (DUP)

L1372318-02 Origin	al Sample	(OS) • Dup	licate (I	DUP)			GI
(OS) L1372318-02 06/30/2	21 16:28 • (DUP)	R3675076-4	06/30/21	16:28			
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	<sup>8</sup> AI
Analyte	ug/l	ug/l		%		%	
Dissolved Solids	453000	458000	1	1.10		5	<sup>9</sup> Sc

#### Laboratory Control Sample (LCS)

(LCS) R3675076-2 06/30	/21 16:28				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8840000	100	77.4-123	

SDG: L1372318

DATE/TIME: 07/16/21 11:45

PAGE: 10 of 17 Тс

Ss

Cn

Sr

Wet Chemistry by Method 9040C

## QUALITY CONTROL SUMMARY

#### Laboratory Control Sample (LCS)

(LCS) R3675459-1 07/04/2	21 15:00				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	su	su	%	%	
рН	10.0	10.1	101	99.0-101	

#### Sample Narrative:

LCS: 10.08 at 21.5C

SDG: L1372318 DATE/TIME: 07/16/21 11:45

PAGE: 11 of 17

Wet Chemistry by Method 9056A

#### QUALITY CONTROL SUMMARY L1372318-01,02,03,04

#### Method Blank (MB)

(MB)	R3679465-1	07/14/21 10:38

Method Diai					
(MB) R3679465-1	07/14/21 10:38				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	ug/l		ug/l	ug/l	
Chloride	U		379	1000	
Fluoride	U		64.0	150	
Sulfate	U		594	5000	

<sup>1</sup>Cn

Sr

Qc

GI

Â

Sc

PAGE: 12 of 17

#### L1372318-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1372318-01 07/14/21	12:35 • (DUP) R	3679465-3 0	7/14/21 12:	48		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	10100	9320	1	7.51		15
Fluoride	156	144	1	8.08	J	15

#### L1372318-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1372318-01 07/14/21 2	22:11 • (DUP) R3	8679465-8 07	/14/21 22:2	24		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	104000	107000	5	2.38		15

#### L1372363-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1372363-05 07/14/2	1 23:16 • (DUP)	R3679465-9 (	07/14/21 23	3:29		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	8710	9110	1	4.49		15
Fluoride	119	92.1	1	25.3	<u>J P1</u>	15
Sulfate	63600	66400	1	4.20		15

#### Laboratory Control Sample (LCS)

21 12:15				
Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
ug/l	ug/l	%	%	
40000	44800	112	80.0-120	
8000	9190	115	80.0-120	
40000	45900	115	80.0-120	
	21 12:15 Spike Amount ug/l 40000 8000 40000	Spike Amount LCS Result   ug/l ug/l   40000 44800   8000 9190   40000 45900	Spike Amount     LCS Result     LCS Rec.       ug/l     ug/l     %       40000     44800     112       8000     9190     115       40000     45900     115	Spike Amount     LCS Result     LCS Rec.     Rec. Limits       ug/l     ug/l     %     %       40000     44800     112     80.0-120       8000     9190     115     80.0-120       40000     45900     115     80.0-120

ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	
TRC Solutions - Dallas, TX	419735	L1372318	07/16/21 11:45	

Wet Chemistry by Method 9056A

# QUALITY CONTROL SUMMARY

#### L1372318-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1372318-02 07/14/21	13:01 • (MS) R3	679465-4 07/	14/21 13:14 • (M	SD) R3679465	-5 07/14/21 13:2	27						
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Chloride	50000	2660	58500	58800	112	112	1	80.0-120			0.483	15
Fluoride	5000	243	5950	5970	114	114	1	80.0-120			0.342	15
Sulfate	50000	51600	106000	106000	109	109	1	80.0-120	E	E	0.0880	15

#### L1372363-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1372363-06 07/14/2	1 18:06 • (MS) R	3679465-7 07	7/14/21 18:19					
	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier	
Analyte	ug/l	ug/l	ug/l	%		%		
Chloride	50000	9850	64600	109	1	80.0-120		
Fluoride	5000	83.8	5530	109	1	80.0-120		
Sulfate	50000	63000	114000	103	1	80.0-120	E	

DATE/TIME: 07/16/21 11:45 PAGE: 13 of 17 Тс

Ss

Cn

Sr

Qc

GI

Â

Sc

Metals (ICP) by Method 6010B

#### QUALITY CONTROL SUMMARY L1372318-01,02,03,04

#### Method Blank (MB)

Method Blank (I	VIB)				$^{1}$ Cn
(MB) R3680202-1 07	/16/21 00:28				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	ug/l		ug/l	ug/l	Tc
Boron	U		20.0	200	
Calcium	U		79.3	1000	<sup>3</sup> SS

#### Laboratory Control Sample (LCS)

(LCS) R3680202-2 07/16/2	21 00:30					-
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	Sr
Analyte	ug/l	ug/l	%	%		
Boron	1000	976	97.6	80.0-120		<sup>6</sup>
Calcium	10000	9920	99.2	80.0-120		

#### L1370026-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

Lief deze et etigi		(00) mat		no) maan		ipiloate (iii	507							
(OS) L1370026-01 07/16/21 00:33 • (MS) R3680202-4 07/16/21 00:38 • (MSD) R3680202-5 07/16/21 00:41														<sup>8</sup> Al
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits		
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%		9
Boron	1000	36.8	1010	1000	97.7	96.5	1	75.0-125			1.21	20		Sc
Calcium	10000	45600	54900	54700	93.7	91.4	1	75.0-125			0.412	20		

DATE/TIME: 07/16/21 11:45

PAGE: 14 of 17 °Cn

GI

## GLOSSARY OF TERMS

#### Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

#### Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the resul reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.

SDG: L1372318 Τс

Ss

Cn

Sr

Qc

GI

AI

Sc

## ACCREDITATIONS & LOCATIONS

#### Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky <sup>16</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>14</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 5	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SDG: L1372318 <sup>1</sup> Cp <sup>2</sup> Tc <sup>3</sup> Ss <sup>4</sup> Cn <sup>5</sup> Sr <sup>6</sup> Qc <sup>7</sup> Gl <sup>8</sup> Al <sup>9</sup> Sc

Company Name/Address:			Billing Infor	mation:				1	-	Analysis / Container / Preservat					10.272	Lnain	or custody	rage 01
TRC Solutions - Dallas, 700 Highlander Blvd, Ste 210	TX	allin o shikaree ti seeya ya	Accounts 21 Griffir Windsor,	Payak Rd. N CT 06	ole 095		Pres Chk			27						-[-	Pace	Analytical®
Report to:	226		Email To: Z	Sabatka	@trccompa	anies.com	m						<u>e</u> -			12065 L Submitti Constitu	Lebanon Rd Mour ting a sample via t utes acknowledge arms and Conditio	it Juliet, TN 37122 his chain of custody ent and acceptance of the so found at:
Project Description:		City/State Collected: /	Vewarte	. AR		Please Ci PT MT	rcle:	res								https:// terms.p	/info.pacelabs.com pdf	n/hubfs/pas-standard-
Phone: 817-522-1026	Client Project 4197	Client Project # 419735		Lab Pr TRCD	oject # DTX-ENTE	RGYINDY	1	DPE-NoP	s	EONH-						SDG # A141		
Collected by (print): Z·Saleatlea	Site/Facility ID	yID#						GHIM	NoPre	HDPE						Acct	num: TRC	DTX
Collected by (signature):	Rush? (Lab MUST Be Notified)			Quot	e #			4 125	DPE-I	50ml					Preid	Prelogin: <b>P854263</b>		
	Next Day Five Day Next Day 5 Day (Rad Only) Two Day 10 Day (Rad Only) Three Day		Date Results Needed			No. of	pH, SO	SomIH	B, Ca 2						PB: Color (11/2) Shipped Via: FedEX Grou		W. Beasley	
Sample ID	Comp/Grab	Matrix *	Depth		Date	Time	Cntrs	CI, F,	TDS 2	Total						o'np	Remarks	Sample # (lab only)
RP-7	fordo	GW	I	6	23/21	0849	3	X	×	X		El Carto						-01
RP-8	Y	GW			1	0910	3											-02
RP-9		GW	1			0835	3							1.15				-03
DP-10		GW		1000		1018	3				-			a de la		100		-04
Mw-11	5	Gw			V	1102	3	1	1	1				1		and a second	etter estados actuales deter estados	
	1		and the second						2.3									
														1			in the second	
		1997-14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						Star Star		1.00 x 164		1.27 Mar					
		- All															A Ch	1 Contract
* Matrix:	Remarks: R	in A	11-1	1.	~~ < e	parat	ا مع	repo	nt		рН	34 	Temp	- 7 	COC Sea	1 Presen	t/Intact:	NP Y N
GW - Groundwater B - Bioassay WW - WasteWater		to ot	her	San	ples				tra pella		Flow _		Other	<u></u>	Bottles	arrive bottles	intact: used:	A N
DW - Drinking Water OT - Other	DW - Drinking Water Samples returned via: OT - Other UPS FedEx Could		r		Tracki	ng# 52	173	305	1500			THE REAL			VOA Zer	io Headsp	Applicab	le _Y _N
Relinguished by (Signature)		ate: 23/2	1 Tim	e: 545	Receiv	red by: (Signa	ature)	I	Ľ	L	Trip Blank	Receiv	ed: Yes/No HCL/N TBR	ЛеоН	RAD Scr	een <0.5	mR/hr:	<u>I</u> _N
Relinquished by: (Signature)	7/ 0	ate:	Tim	e: 74/	Receiv	ved by: (Sign	ature)				Temp:	Yre Lic	Bottles Rec	eived:	If preserve	vation requ	uired by Log	gin: Date/Time
Delinfuished by (Signature)		ate:	Tim	e:	Receiv	ed for lab b	y: (Signa	ature)	1		Date:	112	Time:		Hold:	No. Carry		Condition

T



n in segura. Ta segura

## WATER SAMPLE LOG

BILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS: IC. JIA

pH: +/- 10 % COND.: +/- 10 % ORP: +/- 10 % D.O.: +/- 10 % TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

THE REPORT OF TH	The second se	

COC NUMBER:			SIGNA	SIGNATURE:						DATE SIC	DATE SIGNED:		
SHIPPING METHOD: DATE SHI			E SHIPPED:						AIRBILL I	AIRBILL NUMBER:			
	MANDOMENDALISAKADIA SANDARI MUTUKICHINI KALANI MINI MUTUKI T						N N					□ Y □ N □ Y □ N	
	2018 F9905 L97142904 (9018) 1990 COL				r [ r [		N N		THE MERICAN PROPERTY AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS ADDRESS ADDRESS ADDRESS ADDRESS ADDRESS ADDRES				
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED			
BOTTLES FILLED		PRESERVATIVE CODES A - NONE B						HNO3	C - H2SO4	D - NaOł	H E - HCL	F	

♦ TRC

WATER SAMPLE LOG

PAGE \_\_\_\_\_ OF \_\_\_\_\_

PROJECT NAME: Enfergy ind		PREPARED		CHEC	CKED		
PROJECT NUMBER: 419735	BY:	DATE:	BY:		DATE:		
SAMPLE ID: RP=2/MW-7 WELL	DIAMET	ГЕR: 2" 4" [] 6"		ER			
WELL MATERIAL: PVC SS II IRON	GALVA	NIZED STEEL	🗌 отні	ER			
	DI			ER	2-01-01-0-0-01-0-0-0-0-0-0-0-0-0-0-0-0-0		
PURGING TIME: 0 18 ZI DATE: 352	2	SAMPLE TI	ме: / Ч	2.5 0	ATE: (())21		
		PH: SU	CONDUC		umhos/cm		
METHOD: BAILER		ORP: mV	DO:	mg	g/L		
DEPTH TO WATER: 2 PVC FLOW-THRU	CELL	TURBIDITY:	NTU	TERROY AN INFORMATION TO THE TOP OF THE TOP O	ALL IN THE REPORT OF A DESCRIPTION OF A DES		
DEPTH TO BOTTOM: T/ PVC VOLUME	Ξ		т 🗌 і	MODERATE			
PUMP INTAKE DEPTH: T/ PVC LI	TERS	TEMPERATURE:	°C (	OTHER:			
	COLOR:	(	DDOR: _				
	NS	FILTRATE (0.45 um) YES NO					
COLOR: ODOR:		FILTRATE COLOR:		FILTRATE OD	OR:		
TURBIDITY			SD	DUP-			
	۲Y	COMMENTS:					
TIME     PURGE RATE     PH     CONDUCTIVITY     ORP       (ML/MIN)     (SU)     (umhos/cm)     (mV)		D.O. TURBIDITY TI mg/L) (NTU)	EMPERATUR (°C)	E WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)		
1352 Start Purging			1810	•	INITIAL		
1356 6.590.27 08	V.	.78 8.1	18.16	21.71	8		
1400 5.94 0.777/68	Ι.	33 3.	8.55	5 21.78			
1404 665 0.287 190	1.	4 2.3 1	5	1014	°e		
1408 Ballerg o	tre	es cont		- 21 1			
14/6 5810281178		0.601.7	20 00	2718	<b>\</b>		
1419 5840,779 189		7 12 0 4	701	018	$\mathbf{h}$		
1471 (81 076 01	コーク	JO D.O	ジタン	010	V A		
1175 6 69 0 761 720			1 22	4.8			
17 CO J. 8 U. 280 W			1.12	1.8			

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 10 %	COND.: +/- 10 %	ORP: +/- 10 %	D.O.: +/- 10 %	TURB: +/- 10 %	or = 5</td <td>TEMP.: +/- 0.5°C</td>	TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERV	ATIVE CODES A-	NONE	В-	HNO3	C - H2SO4	D - NaOł	H E - HCL	F	
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
	-			<b>□</b>  Y	□ N		10 Percentano				
	CHEMIC THAT DOE NOT THE A CHEMICAL DATA			<b>□</b>  Y	🗌 N			di kalan da kara nganjut dinutingi manda diga migu	and a transmission of the second s		
	1. The Manufacture and the second	C 799679 0176 019 019 019		<b>□</b>   <b>Y</b>	<b>N</b>			TO DO NOTION AUTOCOMICA OF LANGUAGE	n ya kalikanin kumun kupu mantata sa kalika kalika kanana kumu ku kukana kanana kalika kanana kukana kukana ku	□ Y □ N	
				<b>□</b>   <b>Y</b>	<b>N</b>				na meningan kanang k		
SHIPPING I	METHOD:		DATE	DATE SHIPPED:					AIRBILL NUMBER:		
COC NUMBER:		SIGNA	SIGNATURE:				DATE SIG	DATE SIGNED:			
REVISED	6/2011		1								



PAGE \_\_\_\_\_ OF \_\_\_\_\_

WATE	R S/	AMP	LE LOG	j	Coc #1			
PROJECT NAME: ENJErgy Ind		PR	EPARED		CHECKED			
PROJECT NUMBER: 419735	BY:		DATE:	E	BY:	ulii	DATE:	
SAMPLE ID: RP-04 WELL	DIAMET	'ER:	2" [] 4" [	] 6"	OTHER			
WELL MATERIAL: PVC SS II RON	] GALVA	NIZED	STEEL		OTHER			
SAMPLE TYPE: 🔽 GW 🗌 WW 🗌 SW 🗌	] DI		LEACHATE		OTHER			
	21	S	AMPLE	TIME:	6/18	12J D	ATE: 1130	
		PH:	S		IDUCTIV	/ITY:	umhos/cm	
METHOD: BAILER	-	ORP: mV DO: mg/L						
DEPTH TO WATER: 73.94 PVC FLOW-THRU	J CELL	TURBI	DITY:					
DEPTH TO BOTTOM: T/ PVC VOLUM	IE		NE 🗌 SL	IGHT	🗌 мо	DERATE		
PUMP INTAKE DEPTH: T/ PVC L	ITERS	TEMPE	RATURE:	°(	с оті	HER:	1997 22 1997 9997 9797 9997 9997 9997 99	
	ONS	COLOR: ODOR:						
VOLUME REMOVED: LITERS GALLO	ONS	FILTRA	TE (0.45 um)	YES		NO		
COLOR: ODOR:		FILTRA	TE COLOR:	1997 - Martin Martin, Martin Carlos and Carlos	_ FIL	TRATE OD	DR:	
TURBIDITY		QC SA	MPLE: MS	MSD		DUP-		
	RY	COMM	ENTS:					
	R							
TIME PURGE PH CONDUCTIVITY ORP		D.O.	TURBIDITY	TEMPER	ATURE	WATER LEVEL	CUMULATIVE PURGE VOLUME	
(ML/MIN) (SU) (umhos/cm) (mV)	(	mg/L)	(NTU)	(°C	<b>)</b>	(FEET)	(GAL OR L)	
114 Mary pulg	ing			10	01.0.		INITIAL	
118 6.76 0.522 181	<u> </u>	1.19	9.5	19.	79	23.9	5	
1122 6.34 0.511 198		).49	0.4	14.	60	23.9	5	
1125 6.18 0.510 109		00.	0.0	19	46	73.9	5	
1/20 6.40 0.50 19	7 0	7.07	0.0	79	.48	129	b	
			1999 - 1999 - 1999 - 1999 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -	neenera. ₽ ¶r		-60-1		
				nnnnat,	Benefitier Benefitier Benefitier		a construction de la construction d	
			San tanan manangka manya manan m	атына > шилиталанда	DEFENSION OF THE DESIGN CAREFUL	AND THE PERSON AND AND LEAD AND COMPANY	a ana ang ang ang ang ang ang ang ang an	
				1000111212220104230-w00012	an an filler fra that the fill state of the second second			
			and a state of the	AMORT & AND 78, White Products 10,000	anna fan anna an fan anna			

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

COND.: +/- 10 % ORP: +/- 10 % D.O.: +/- 10 % TURB: +/- 10 % or </= 5 pH: +/- 10 % TEMP .: +/- 0.5°C

BOTTLES FILLED PRESERVATIVE CODES A - NONE B - HNO3 **C** - H2SO4 D - NaOH E-HCL F-NUMBER SIZE TYPE PRESERVATIVE FILTERED NUMBER SIZE TYPE PRESERVATIVE FILTERED SHIPPING METHOD: DATE SHIPPED: AIRBILL NUMBER: COC NUMBER: SIGNATURE: DATE SIGNED: REVISED 06/2011



TRC	WAT	'ER S/	AMPL	E LOG	6	0	C#	1	
PROJECT NAME: Full	ryn-Ind		PRE	PARED			CHEC	KED	
PROJECT NUMBER:4673	90	BY:		DATE:	В	Y:	andrin den kan	DATE:	
SAMPLE ID: RP-05	WE	LL DIAMET	TER: 2	" 🗌 4" 🗌	] 6" 🔲 (	OTHER			
			NIZED ST	EEL		- DTHER		nan 109 - Naroan an a	
SAMPLE TYPE: GW	□ww □ sw	DI		EACHATE				orstann and Roberts medicane Laurentet	
	1(52 DATE:	18/21	SA	MPLE	TIME:	700	3 D.	ATE: //(8/2(	
	1	PH: _	6	SU CON		Y:	umhos/cn		
METHOD: BAILER			ORP:	n	nV DO:		mg	ı/L	
DEPTH TO WATER: 25.3	T/ PVC FLOW-TH	IRU CELL	TURBIDI	TY:	NTU			nder der General andere einen die General des Stellen kannen andere eine der eine der eine der eine der eine de	
	T/ PVC VOL	UME		E 🗌 SL	IGHT		ERATE		
PUMP INTAKE DEPTH:	_ T/ PVC	LITERS	TEMPERATURE:°C OTHER:						
WELL VOLUME:	_ LITERS 🗌 GAI	LLONS	COLOR:			ODOF	ર:		
VOLUME REMOVED:	_ LITERS GAI	LLONS	FILTRATE	E (0.45 um)	YES	<b>N</b>	10		
COLOR:	ODOR:		FILTRATE	COLOR:			RATE ODO	DR:	
TUF	RBIDITY		QC SAM	PLE: 🗌 MS	/MSD	D	UP	· · · · · · · · · · · · · · · · · · ·	
	MODERATE	VERY	COMMEN	NTS:					
DISPOSAL METHOD GROU		HER							
TIME PURGE PH	CONDUCTIVITY OF	RP	D.O.	FURBIDITY	TEMPER	ATURE	WATER LEVEL	CUMULATIVE PURGE VOLUME	
(ML/MIN) (SU)	(umhos/cm) (m	V) (	mg/L)	(NTU)	(°C	)	(FEET)	(GAL OR L)	
Ils' star	- purging							INITIAL	
1156 6.86	0.84718	9 3	.62	1.	201	2 2	25.35	7	
1700 6.8	50.83119	1 3	80.	0.7	19.8	76 2	3	7	
1704 6.8	00.820 19	4,7	360	0.0	19.	69	21.7	5	
1708 6.70	7 (7.2.18 19	5 9	34	0.0	10.	69		F	
97 <b> </b> 1999   Contra 2000   Contra 1940 - Transmission (Contra 1940)			<u></u>		L	012	<u>ی</u>	0	
					i i tribri frii tri nis i tribri real age		1021008-082042-09409-0940-0940-0940-0940-0940-0940		
				TTY WITCH THE INVESTIGATION CONTINUES IN THE			2001, në në kën të kantan të në mange	ากกราชการที่หาราชา สมาครายการเหตุลายและเหมืองเลือก เป็นการการการการการการการการการการการการการก	
9799999900009114909999990000000000000000			N-45-5245-4-9452-1979-1-44	an and a state of the state of	NOT NOT THE OWNER AND A DECISION			and the construction of the const	
	-	1	1						

#### NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 10 % COND.: +/- 10 % ORP: +/- 10 % D.O.: +/- 10 % TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES	BOTTLES FILLED		ATIVE CODES A -	NONE B-	HNO3	C - H2SO4	D - NaOł	H E - HCL	F
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
	9 TAY 1725 CHI WARMAN BARON AND AND AND AND AND AND AND AND AND AN			🗌 Y 🔲 N	and a first state				
				🗌 Y 🗌 N			ANY OF THE REPORT OF THE PLAN AND AND AND AND AND AND AND AND AND A		
				🗌 Y 🔲 N			and a second	understellen ist der Linde die Gebergener in Jahren under erforten einer der Kannen aus die Kannen aus	
				□ Y □ N				a an anna ann an ann ann ann ann ann an	
SHIPPING METHOD:			DATE	SHIPPED:			AIRBILL NUMBER:		
			SIGNA			nen - han en	DATE SIGNED:		
REVISED	06/2011								

PAGE		OF	
	A REAL PROPERTY AND A REAL		and the second s



PROJECT NAME: Enter of na		PRE	PARED		CHE	CKED
PROJECT NUMBER:	BY:		DATE:	BY:		DATE:
SAMPLE ID: RP-Ob WELL	DIAMET	TER: 🗌 2	" [] 4" []	6" 🗌 OTI	IER	
	GALVA	NIZED ST	EEL		HER	
SAMPLE TYPE: GW WW SW	DI	<u> </u>	EACHATE	нто 🗌	HER	in an
PURGING TIME: 1237 DATE: GI	8/21	SA	MPLE		18/21 0	DATE: 19 50
PURGE PUMP		PH:	S	U CONDU	CTIVITY:	umhos/cm
METHOD: DAILER		ORP:	m	IV DO:	m	g/L
DEPTH TO WATER: T/ PVC FLOW-THRU	I CELL	TURBIDI	TY:	NTU	,	
DEPTH TO BOTTOM: T/ PVC VOLUM	E		E 🗌 SLI	GHT 🗌	MODERATE	
PUMP INTAKE DEPTH: T/ PVC L	ITERS	TEMPER	ATURE:	°C	OTHER:	an and an
	NS	COLOR:			ODOR:	
	NS	FILTRATI	E (0.45 um)	YES	NO	
COLOR: ODOR:		FILTRATE	COLOR:		FILTRATE OD	OR:
TURBIDITY		QC SAM	PLE: 🗌 MS	/MSD	DUP-	
	RY	COMME	NTS:			
	۲					
TIME PURGE PH CONDUCTIVITY ORP		D.O.	TURBIDITY	TEMPERATU	IRE WATER LEVEL	CUMULATIVE PURGE VOLUME
	$\frac{1}{n}$	mg/L)	(NTU)	(°C)	(FEET)	(GAL OR L)
1201 710 000 17	all	4-1-	11 ~	10 -	29.	
1011 17 0.859 11	7 12	1.12	7.0	19.0	901.7	
1293 6.11 0.855 186		0.0	1.9	18.5	2 24.1	
1249 6.8 0.813 /80	<u>1 C</u>	).0	$Q_1 P$	18-4	5 27.	//
1252 6.81 0.853 188	0	0.0	$\mathcal{O}^{\bullet}$	18.4	924.	//
					1700 B 18 Livelin - Artuine Annuber Contraction -	
				fi landa Prada na kara ya na manaran ya na da wa dana		98) ANNALS (137) BRY TRANSFORMATION AND AND AN AND AN AND AN AND AN AND AND
					In Condition and Concerning Conce	an a daga palangan na mangana kanya kanya na mangana ang palangana ang palangana.
				18 YO 1997 CONTRACTOR OF THE OWNER CONTRACTOR OF THE OWNER CONTRACTOR OF THE OWNER CONTRACTOR OF THE OWNER CONT		
			1	· · · · · · · · · · · · · · · · · · ·		I

ETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 10 % COND.: +/- 10 % ORP: +/- 10 % D.O.: +/- 10 % TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERV	NONE B - HNO3			C - H2SO4	D - NaOl	H E - HCL	F		
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTE	ERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
	1000 1770 000 100 000 7 COMMANDO	N VINI LADA A ANDALAS MADA		<b>□</b>  Y	<b>N</b>						
				<b>□</b>  Y	🗌 N			- Enderstandige Construction Announcements of the			
	1071274021000000000000000000000000000000			<b>□</b>  Y	N						
				<b>□</b>   <b>Y</b>	□ N				aannaistein on an ann an an ann an ann an ann an ann an a		
SHIPPING	METHOD:		DATE	SHIPPE	D:			AIRBILL I	AIRBILL NUMBER:		
COC NUMBER:			SIGNA	SIGNATURE:					DATE SIGNED:		
REVISED	06/2011							1			

PAGE \_\_\_\_\_ OF \_\_\_\_

TEMP.: +/- 0.5°C



## WATER SAMPLE LOG

PROJECT NAME: Entergy Independent	ce 🛛	PREPARED		CHECKED		
PROJECT NUMBER: 419735	BY:	DATE:	BY:		DATE:	
SAMPLE ID: RP-7 V	VELL DIAMET	ER: 2" 4" 🗌	6" 🗌 OTHER			
WELL MATERIAL: PVC SS IRON		NIZED STEEL			ne versionen over Australia en en de la de la martin de la deservante de la deservante de la deservante de la d	
SAMPLE TYPE: GW WW SW	DI					
	123/21	SAMPLE	TIME: 1018	DA	TE:6/23)2	
PURGE PUMP <u>Blooder</u> METHOD: BAILER		PH: S ORP: m		/ITY:	umhos/cm	
DEPTH TO WATER: 27.25 T/ PVC FLOW-	THRU CEU	TURBIDITY:	NTU			
DEPTH TO BOTTOM: T/ PVC VC			 Ght Моі	DERATE		
PUMP INTAKE DEPTH: T/ PVC	LITERS	TEMPERATURE:	°C   OTH	HER:	NELEDARI METROPOLIS CONSTRUCTION AND AND AND AND AND AND AND AND AND AN	
	ALLONS	COLOR:		DR:		
	ALLONS	FILTRATE (0.45 um)	YES	NO		
COLOR: ODOR: _		FILTRATE COLOR:	FiL1	TRATE ODO	R:	
TURBIDITY		QC SAMPLE: MS	/MSD	DUP-		
		COMMENTS:				
			t y a transformation and a state of the stat			
TIME PORGE PH CONDUCTIVITY RATE (ML/MIN) (SU) (#mhos/cm)	ORP [ (mV) (r	D.O. TURBIDITY ng/L) (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)	
1000 Start Pump					INITIAL	
1005400 6.29 0.514 1	96 2.	70 6.0	20.06	27.26	анан такала жана бала жана жана жана жана жана жана жана ж	
1010 40 6.490.527 -2	209 0	.53 0.0	18.61	27.27	n an	
1015 400 6.41 0.529 2	2080	.41 0.0	18.43	27.27	NY LEFTENNE VEDERLER EN VEDERLER ANNE VEDERLER ANNE VEDERLER ANNE VEDERLER ANNE VEDERLER ANNE VEDERLER ANNE VED	
1018 400 6.39 6.529 2	080	.39 0.0	18.25	27.20		
				CARDING MEMORY ENGINEERING FOR THE CARD		
	and the second		C 4 2001 S 6 27 - 19 - 2 99 - 2 10 10 10 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			
		an Kawan, J		and a state	·	

pH: +/- 10 % COND.: +/- 10 % ORP: +/- 10 % D.O.: +/- 10 % TURB: +/- 10 % or </= 5

BOTTLES FILLED PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 E-HCL F-\_\_\_\_ D - NaOH NUMBER SIZE TYPE PRESERVATIVE FILTERED NUMBER SIZE PRESERVATIVE FILTERED TYPE 🗌 Y 🔲 N 🗌 Y 🛄 N 🗌 Y 🔲 N □ Y □ N SHIPPING METHOD: DATE SHIPPED: AIRBILL NUMBER: COC NUMBER: SIGNATURE: DATE SIGNED: **REVISED 06/2011** 



. .

COC#2

PAGE \_\_\_\_\_ OF \_\_\_\_\_

PROJECT NAME: Entergy Ind.		PREPARED		CHEC	KED
PROJECT NUMBER: 419 735	BY:	DATE:	BY:	<u> </u>	DATE:
	L DIAMETER	₹: [] 2" [] 4" [	] 6" 🗌 OTHER		
WELL MATERIAL: PVC SS IIRON [		ZED STEEL			
SAMPLE TYPE: GW WW SW [	_ DI				
PURGING TIME: (040 DATE: (0	118/24	SAMPLE	TIME: 105	2 04	ATE: GIR
	F	°H: S		/ITY:	umhos/cm
METHOD: BAILER	C	DRP: m	ιV DO:	mg	/L
DEPTH TO WATER: 23.9 T/ PVC FLOW-TH	RU CELL	URBIDITY:	NTU		nan generati ya kana kana kana kana kana kana kana k
DEPTH TO BOTTOM: T/ PVC VOLU	JME		ight 🗌 MC	DERATE	
PUMP INTAKE DEPTH: T/ PVC	LITERS TI	EMPERATURE:	°С ОТ	HER:	
WELL VOLUME: LITERS GAL	LONS C	OLOR:		OR:	
	LONS FI	LTRATE (0.45 um)	YES	NO	
COLOR: ODOR:	FI	LTRATE COLOR:	Fil	TRATE ODC	)R:
TURBIDITY	C	C SAMPLE: 🔲 MS	/MSD	DUP-	
	/ERY C	OMMENTS:			
DISPOSAL METHOD: GROUND DRUM OTH	IER				
TIME PURGE PH CONDUCTIVITY OR (ML/MIN) (SU) (umbos/cm) (m)	PD.(		TEMPERATURE	WATER LEVEL (EEET)	CUMULATIVE PURGE VOLUME
TO 40 Mast plan	ing	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	( )		INITIAL
1044 6.07 0.660 272	12	98 1.	18.07	73.90	0
1048 (28 0.697 21	2 21	6 6 1	1781	7290	D
$h_{2}$ $h_{20}$ $h_{70071}$	2 1-	19 X'I	1570	22 91	
0(1 (22)) (9/2)	$\sum_{1}$	84 A I	15-7	12.11 272 a	
6.520.6021	2 1.0	000.1	11.16	12.7	
			nene in weiten auch beschen weiten eine steren weiten eine auch auch auch auch auch auch auch auch		VIRTURE DECEMBER OF THE PLAYOR OF A COMPANY OF THE OF PROVIDE
			an maan ah		975 MILE DI 1978 D'1979 MILE NOTO JOSE AND
		NA 1012 NA 10 N	neza konorma da konorma da konorma na manana na man	-	1973-1973) 1975-1979, *294,1957 (200 vis) +1,315 visite Album)
					A NAMES AND ADDRESS OF A DESCRIPTION OF A D

#### NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 10 % COND.: +/- 10 % ORP: +/- 10 % D.O.: +/- 10 % TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES	S FILLED	PRESERV	ATIVE CODES A -	NONE B-	HNO3	C - H2SO4	D - NaOł	E - HCL	F
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
				□ Y □ N					
				<b>Y N</b>				3 G M H T T S S S S S S S S S S S S S S S S S	Y N
				🗌 Y 🔲 N					□ Y □ N
		a the second							Y N
SHIPPING	METHOD:	·	DATE	SHIPPED:			AIRBILL I	NUMBER:	
	BER:	Production and the contract of the contract	SIGNA	TURE:			DATE SIC	GNED:	n man an a
REVISED	06/2011						3		



PAGE \_\_\_\_\_\_ OF \_\_\_\_\_

2

	T NAME:	Cuters	y holeper	duce		PREPARED		CI	HECK	ED
PROJEC	T NUMBE	R: 419	735		BY:	DATE:	BY:		D	ATE:
SAMPLE	ID: P	P-99		WELL D	IAMETER	: 2" 4"	6" 🗌 OT	HER		
WELL MA	TERIAL:		<b>SS</b>		GALVANIZ	ED STEEL	от 🗌	HER	anardodi ndanos tarenta c <b>a</b> r	
SAMPLE	TYPE:	⊡ GW	□ww □	SW 🗌 I	DI		🗌 от	HER		
PUR	GING	TIME: O	i20 D	ATE: 6/25	121	SAMPLE	TIME: OS	35	DATI	E6123/2
PURGE		PUMP	blada	en	P	H:	SU CONDU			umhos/cr
METHO	D:	BAILER			0	RP:	mV DO:		mg/L	
DEPTH T	O WATER:	24.63	T/ PVC F	LOW-THRU	CELL T	JRBIDITY:	NTU	544.44 (MARINE) (SAN AND AND AND AND AND AND AND AND AND A	NOTE CARACTERISTIC	
DEPTH T		1:	T/ PVC	VOLUME		NONE S	Slight 🗌	MODERA	TE	VERY
PUMP IN	TAKE DEP	ГН:	T/ PVC	LIT	ERS TE	MPERATURE:	°C	OTHER:	10000000000000000000000000000000000000	
WELL VO	LUME:				IS C	OLOR:		ODOR:		
VOLUME	REMOVED	):			IS FII	TRATE (0.45 um	) 🗌 YES	NO		
COLOR:			OE	OR:	FIL	TRATE COLOR:		FILTRATE	ODOR:	
		TUR	BIDITY		Q	C SAMPLE: 🔲 N	AS/MSD	DUP-		
			MODERATE		Y C	OMMENTS:				
DISPOSA	L METHOD									
TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY	ORP (mV)	D.C	). TURBIDITY	TEMPERATI	URE WAT	rer /EL P	CUMULATIVE URGE VOLUME (GAL OR I.)
• 91A	Sta	ut Pr	m							INITIAL
0923	400	1.72	0.193	209	1.2	37 4.7	1658	24	.63	
0926	400	6.772	0.694	211	1-6	do 3.9	16.4	6 24	હુર	
0929	40D	6.74	0.694	210	1.6	1 3.3	16.44	1 24	.63	(7-4-7-4-7-6) YW 74-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-
0932	40D	6.75	0.694	210	[.5	7 7.2	16.4	2 1	t	T YTON BUTCH LOOKACION HEIZELADOWNELI-CHRIDAD
<b>8</b> 135	400	6.75	0.695	210	1-5	23.0	14.4	( (	•	
Terrational Contraction of the C										
		1	CONTRACTOR CONTRA		NOTION FOR WEIGHT OF COMPANY	COLOUR ANY CONTRACTOR AND A COLOUR A	**************************************		******	
nn mar an an ann an								1		

BOTTLES	FILLED	PRESERV	ATIVE CODES A	- NONE	B·	HNO3	C - H2SO4	D - NaOł	H E - HCL	F
NUMBER	SIZE	TYPE	PRESERVATIVE	E FILT	ERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
				ΓY	<b>N</b>					
				Y	<b>N</b>			Context Context in Cold Context and An order to Pro-		
- Share The The Second		And And And And		Γ	<b>N</b>				THE RETURN OF BUILDING OF BUILDING OF DUVING HIS DUVING HIS AND	
V PROFESSION				Y	<b>N</b>				annan an an ann an ann an ann ann ann a	
SHIPPING I	METHOD:		DAT	E SHIPPE	ED:			AIRBILL	NUMBER:	
COC NUMB	SIGN	SIGNATURE:					GNED:			

**REVISED 06/2011** 

CAL #2

PAGE \_\_\_\_\_ OF \_\_\_\_\_

							COU AT L			
PROJECT NAME:	15	,ËS		PREPARED			CHECKED			
PROJECT NUMB	ER: 419	735	BY:		DATE:	BY:		DATE:		
SAMPLE ID:	RP-	09	WELL DIAME	rer: 🗌 2"	4"	6" 🗌 OTI	HER			
WELL MATERIAL:	PVC			NIZED STE	EEL		IER	anna an an ann an ann an ann an ann an a		
SAMPLE TYPE:	⊡ GW	□ww □sv	V 🗌 DI		ACHATE		HER			
PURGING		ひく DATE	: 6/14/21	SAM	<b>NPLE</b>	TIME:	021	ATE: 6 18 21		
PURGE METHOD:		3 CPM		PH:	S m	U CONDU V DO:	СТIVIТҮ: m	umhos/cm		
DEPTH TO WATER	: 21.64	T/ PVC FLOW	V-THRU CELL	TURBIDIT	FY:	NTU				
DEPTH TO BOTTO	V:	T/ PVC	VOLUME			— GHT 🗌	MODERATE			
PUMP INTAKE DEP	'TH:	T/ PVC	LITERS	TEMPERA		°C	OTHER:			
WELL VOLUME:			GALLONS	COLOR:			ODOR:			
VOLUME REMOVE	D:		GALLONS	FILTRATE	(0.45 um)	YES				
COLOR:		ODOR	:	FILTRATE	COLOR:		FILTRATE OD	OR:		
	TURE	BIDITY		QC SAMF	PLE: MS	MSD	DUP-			
	Light 🗌	MODERATE	VERY	COMMEN	ITS:					
TIME PURGE RATE	PH	CONDUCTIVITY	ORP (m)()	D.O. T		TEMPERATI	JRE WATER LEVEL	CUMULATIVE PURGE VOLUME		
1005	Mar	t pure	lain a	ilig/L/	((110)	(0)	(FECI)	INITIAL		
lang	6.95	0.281	The	60	12	18.6	2 21.6			
h13	6.65	$\int db l$	181. 1	$\partial I$	$\frac{1}{10}$	100	8 111			
LAIS	1.56	0 Unu	ala	24	100	100	1 111			
mai	Gai	0.10	$1 \wedge 1 \cdot \wedge$	$\frac{1}{2}$	$\frac{1}{1}$	100	$L \land k$			
IV4	0.57	0.900	194 1			18.12	· 4-6	6		
a de la companya de la		NEW DOMESTIC WARD AND A DESCRIPTION OF A	•							
COMPANY STATEMENT OF THE STATEMENT AND A COMPANY						NAME AND A DESCRIPTION OF				
			na na serie a serie a serie construction in a serie de la serie							
	*** **********************************	979 / 2017 / Conference of the Conference of Conference on Conference of	AND THE OTHER POST CONTRACTOR OF THE OTHER POST OF T		A NAMES OF THE OWNER AND A DESCRIPTION OF THE ADDRESS OF	longenter-and an an and a state of the second second				
NOTE: STABILIZATI pH: +/- 10 %	<b>ON TEST IS (</b> COND.: +/- '	COMPLETE WHEN 10 % ORP: +/-	<b>I 3 SUCCESSIN</b> 10 % D.O.:	/E READIN( +/- 10 %	<b>GS ARE WIT</b> TURB: +/-	HIN THE FO	LLOWING LIM	ITS: TEMP.: +/- 0.5°C		
BOTTLES FILLED	PRESERVA	TIVE CODES A-	NONE B -	HNO3	C - H2SO4	D - NaOl	H E-H			
NUMBER SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVAT	IVE FILTERED		
					3					

						1						
			<b>□</b>   Y		N				an and a second s	Y		N
	TATA MARKAN AND A STREAM AND A ST		<b>□</b>   Y		N					Y		N
	NAMES AND ADDRESS OF A DRESS		ΠY		N					Y		N
			<b>□</b>  Y		N					Y		N
		DATE	SHIPF	PED:				AIRBILL	NUMBER:			
COC NUMBER:		SIGNA	TURE				······································	DATE SI	GNED:	 	Second Cleve	unuro sen
REVISED 06/2011								1				

$\Rightarrow$	TRC
---------------	-----

PAGE \_\_\_\_\_\_ OF \_\_\_\_\_

PROJEC	T NAME:	Interes,	1 a desingle	ice 1	PREPARED			CHEC	KED
PROJEC	T NUMBE	R: 46	1735	BY:		DATE:	BY:		DATE:
SAMPLE	ID: {	2P-9		WELL DIAN		2" [] 4" []	6" 🗌 OT	HER	
WELL MA	TERIAL:	PVC	🗌 ss 📋		LVANIZED	STEEL	🗌 от	HER	
SAMPLE 1	TYPE:	⊡ GW		SW 🗌 DI		LEACHATE	🗌 от	HER	
PUR	GING	TIME:	D	ATE:6/23/2	? \S	AMPLE	TIME:	D	ATE:
PURGE METHO	D:	] PUMP ] BAILER			PH: ORP:	S	U CONDU		umhos/cm g/L
DEPTH T	O WATER:	24.15	T/ PVC F	LOW-THRU CEI	LL TURBI	DITY:		an a	
DEPTH T		A:	T/ PVC	VOLUME		NE 🗌 SLI	бнт 🗌	MODERATE	
PUMP IN	TAKE DEP	TH:	T/ PVC			RATURE:	°C	OTHER:	
WELL VO	LUME:				COLO	R:		ODOR: _	
VOLUME	REMOVED	):			FILTRA	\TE (0.45 um)	YES	NO NO	
COLOR:			OD	)or:	_ FILTRA	TE COLOR:		FILTRATE OD	DR:
		TUR	BIDITY		QC SA	MPLE: 🗌 MS	/MSD	DUP	·
		IGHT	MODERATE		COMM	IENTS:			
DISPOSA	L METHOD					·····			
TIME	PURGE RATE (ML/MIN)	PH (SU)		ORP (mV)	D.O.		TEMPERAT	URE WATER LEVEL	CUMULATIVE PURGE VOLUME
0855	Sta	N+		Anna ann an Anna an Anna an Anna an Anna an Anna A	( <b>y</b> .~/		χ.ογ	(1.66.1)	INITIAL
0858	400	6-52	0.793	214	3.52	0.0	19.33	5 24.15	
0901	400	6.39	0.753	216	<b>~</b> 99	0.0	17 8	7714	A DETERMINE NUMBER OF DESITES HAVE ADDRESS CONTRACTORS AND ADDRESS ADDRESS ADDRESS ADDRESS ADDRESS ADDRESS ADDR
2904	400	6.37	0.249	218	6 D I	0.0	17.11	24 15	**************************************
0907	400	6.35	().348	218	0.69	0.U	17.00	6 24 1/-	999994079999999999999999999999999999999
69(D	400	6.35	0.349	218	0.70	0.0	17.00	j 24.14	
NOTE: STA pH: +/- BOTTLF!	ABILIZATIO 10 %	DN TEST IS COND.: +/-	COMPLETE W 10 % ORP: ATIVE CODES	HEN 3 SUCCES +/- 10 % D.	SIVE READ O.: +/- 10 9	01NGS ARE WIT % TURB: +/-	THIN THE FO	OLLOWING LIMI	1 TS: TEMP.: +/- 0.5°C

Individer Size ITPE PRESERVATIVE PILITERED NUMBER Size ITPE PRESERVATIVE PILITERED   Y N Y N Y	SHIPPING	METHOD				ondo da ru						
Individer Size TTPE PRESERVATIVE FILT   Image: Size	HILE PROVIDENCE AND A REPORT AND	1998 1997 1997 1997 1997 1997 1997 1997	A A A A A A A A A A A A A A A A A A A			NAME AND ADDRESS OF A DESCRIPTION OF A D			ana da mangan kana kana kana kana kana kana kana	□ Y □ V		<u>א</u> ן[
				a ana amin'ny kaodim-paositra dia mampika dia mampika dia mampika dia mampika dia mampika dia mampika dia mampi		ADDRESS & PARTING AND ADDRESS ENTRY			THE REPORT OF THE REPORT OF THE PROPERTY OF TH	<b>Y</b>		<u> </u>
NUMBER SIZE TIPE PRESERVATIVE FILTERED NUMBER SIZE TYPE PRESERVATIVE FILT								7.37% LGB 7% A REACTION OF		<b>  Y</b>		1[
	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILT	ER	EC



PAGE \_\_\_\_\_ OF \_\_\_\_\_

600#2

PROJECT NAME:		PREPARED		CHECKED		
PROJECT NUMBER: 49735	BY:	DATE:	BY:		DATE:	
SAMPLE ID: RP-LO WEL	L DIAMETER	2" [] 4" [		2		
	GALVANIZ	ED STEEL				
SAMPLE TYPE: GW WW SW	] DI			<u>۲</u>		
PURGING TIME: AGR O DATE: 6	rsh1	SAMPLE	TIME:6/181	21 0	АТЕ: 946	
PURGE PUMP METHOD: BAILER 3 CPM	Pł	l:	SU CONDUCTI mV DO:	VITY:	umhos/cn g/L	
DEPTH TO WATER: 26.48/ PVC FLOW-THF			NTU			
DEPTH TO BOTTOM:T/ PVC VOLU	ME 🗖		.ight 🗌 Mo	DDERATE	VERY	
PUMP INTAKE DEPTH: T/ PVC	LITERS TE	MPERATURE:	°C  01	THER:		
WELL VOLUME: LITERS GALL	ONS CO	DLOR:	OD	DOR: _		
	ONS FIL	.TRATE (0.45 um)	YES	] <b>NO</b>		
COLOR: ODOR:	FIL	TRATE COLOR:	F		OR:	
TURBIDITY	Q	SAMPLE: 🗌 M	s/MSD	] DUP		
	ERY CO	DMMENTS:	-1 @ 17	Ð		
	ER	24		······		
TIME PURGE PH CONDUCTIVITY ORF (ML/MIN) (SU) (umhos/cm) (mV	D.O	. TURBIDITY	TEMPERATURE	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR I)	
930 Start punai	10 01				INITIAL	
934 6.85 0.646 1121	JU. 2	\$ 20.9	19.21	264	8	
038 6.630.649 172	3.4	0 12.6	18.62	26.4		
942 6.590.649 178	2.4	S 6.5	18.53	76.4		
946 6.58 0.649 180	2.4	4.2	18.51	26.4	9	
NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SU	CCESSIVE R	EADINGS ARE W	THIN THE FOLLO	WING LIMI	TS:	

BOTTLES	FILLED	PRESERV	ATIVE CODES A	NONE B-	HNO3	C - H2SO4	D - NaOł	H E - HCL	F
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
		and the second				and the state of t			
				<b>Y N</b>	ann ann a' marair a tha ann ann an Linean an		CALENTERS PENDING DISPUSISION (BUDDIN	Sentember (1997) and a sentember of the sentember	Y N
				<b>Y N</b>				NEW YORK THE CONTROL PROFESSION OF THE PERSON AND T	
				□ Y □ N					
SHIPPING N	NETHOD:		DATE	SHIPPED:			AIRBILL I	NUMBER:	
	ER:		SIGN	SIGNATURE:			DATE SIGNED:		
<b>REVISED 0</b>	6/2011						1		

	PROJEC	T NAME:	ISES				PR	EPARED			CHEC	KED
	PROJEC		r: 419 <sup>-</sup>	735		BY:		DATE:	BY:			DATE:
	WELL MATERIAL: PVC SS IRON C   SAMPLE TYPE: GW WW SW I						ANIZED	STEEL	то 🗌	HER		4011) (1491))4990) 4991) (1491) 4991) (1491) (
								LEACHATE	то 🗌	HER		
	PUR	GING	TIME: O	330 D	ATE 6 2	5/21	S	AMPLE	TIME: OF	49	D	ATE: 6/23/21
	PURGE METHO	):	PUMP	Bladde	<u>د</u>		PH:	8		JCTIV	ITY:	umhos/cn
			BAILER				ORP:	n	1V  DO:		m	y/L
		D BOTTOM			LOW-THRU VOLUMI	CELL E		NF [] SU				
			<sup>.</sup> . <u></u> гш.		11	TERS	TEMPE					
						NS			°C			
	VOLUME	REMOVED	:			NS	FILTRA	TE (0.45 um)			NO	
	COLOR:			. <u></u>	DOR:		FILTRA	TE COLOR:		FIL	TRATE OD	OR:
			TUR	BIDITY			QC SA	MPLE: MS	/MSD		DUP-	
		🗌 SL	іднт 🗌	MODERATE		ERY COMMENTS:						
	DISPOSA	L METHOD	GROU			2	1					
	TIME	PURGE RATE	PH		ORP		D.O.	TURBIDITY	TEMPERAT	URE	WATER	CUMULATIVE PURGE VOLUME
	1933)		4 0.		(mv)	<u></u>	(Ing/L)	(NTO)	(0)	<u>89999</u>	(FEEI)	(GAL OR L)
	aa25	HOD	<.94	Co cig 4	272	-	Ċ	0.0	14 17		29 10	
93		(.0D	6.02	0 670	210	<u>د</u>	- ) - ) . U ?	0.0	13.4	<ទ	29 11	
<i>Y</i>	0840	600	6.03	0.011	210		2.03	00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ン」 つ	29.11	
	aGU?	600	6.51	0.017	211		2 (2)	0.0 0 0	17.0	2	0915	
	0075	<i>Gev</i>	. 21	0.670	217		99	00		<u>در</u> د		
	0046	600	6.61	0.616	219		92	U.U	170	1	27,10	
1	0047	600	0.22	0.616	119		7	0,0	17.0		29.11	
	NATURAL POINT OF A CONTRACT	50018700-00164 tonaristications						איז				27230-070-070-070-070-00-00-00-00-070-070-0
				I MARINA MARI			- BREAKTELLY YARMAN BULLEY	an a			n and an and a second se	
l												
	NOTE: ST/	ABILIZATIO	DN TEST IS	COMPLETE W	HEN 3 SUC	CESSIN	/E READ	DINGS ARE WI	THIN THE FO	OLLO	WING LIM	TS:
г	pH: +/-	10 % (	COND.: +/-	10 % ORP:	+/- 10 %	D.O.	: +/- 10 9	% TURB: +/-	10 % or	=</td <td>5</td> <td>TEMP.: +/- 0.5°</td>	5	TEMP.: +/- 0.5°
	BOTTLE	S FILLED	PRESERV	ATIVE CODES A - NONE B			- HNO3	C - H2SO4	D - NaC	)H	E - HO	L F
	NUMBER	SIZE	TYPE	PRESERVAT		RED	NUMB	ER SIZE	TYPE	PR	ESERVAT	VE FILTERED
		DATE-GALIZANIZZI ZANANIZZI ZANA			□ Y	<u> </u> N						
	100004077000000000000000000000000000000				Y	□   N					1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	
					□ Y □	<b>N</b>						
ľ		THE REPORT OF THE REPORT OF THE PARTY OF THE	1	1		<u> </u>	Contraction of the local sectors of the local secto			1	NAMES AND DESCRIPTION OF A DESCRIPTION	

		(L] · · [L] · ·
SHIPPING METHOD:	DATE SHIPPED:	AIRBILL NUMBER:
	SIGNATURE:	DATE SIGNED:
REVISED 06/2011		



# Pace Analytical® ANALYTICAL REPORT

December 29, 2021

## **GBMc & Associates - Bryant, AR**

Sample Delivery Group:	L1433493
Samples Received:	11/19/2021
Project Number:	1145-21-081
Description:	Entergy - Independence
Site:	RECYCLE PONDS
Report To:	Jonathan Brown
	219 Brown Lane
	Bryant, AR 72022

Ċp
<sup>2</sup> Tc
<sup>3</sup> Ss
<sup>4</sup> Cn
⁵Sr
<sup>6</sup> Qc
<sup>7</sup> Gl
<sup>8</sup> Al
<sup>9</sup> Sc

Entire Report Reviewed By:

Mark W. Beasley Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

## **Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

ACCOUNT: GBMc & Associates - Bryant, AR PROJECT: 1145-21-081

SDG: L1433493

DATE/TIME: 12/29/21 14:15

PAGE: 1 of 32

## TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	6
Sr: Sample Results	7
RP-1 L1433493-01	7
RP-2 L1433493-02	8
RP-3 L1433493-03	9
RP-4 L1433493-04	10
RP-5 L1433493-05	11
RP-6 L1433493-06	12
RP-7 L1433493-07	13
RP-8 L1433493-08	14
RP-9 L1433493-09	15
RP-10 L1433493-10	16
FIELD BLANK 2 CCR L1433493-11	17
DUPLICATE RP-3 L1433493-12	18
Qc: Quality Control Summary	19
Gravimetric Analysis by Method 2540 C-2011	19
Wet Chemistry by Method 9056A	22
Metals (ICP) by Method 6010B	24
Metals (ICPMS) by Method 6020	26
GI: Glossary of Terms	28
Al: Accreditations & Locations	29
Sc: Sample Chain of Custody	30



PROJECT: 1145-21-081 SDG: L1433493

PAGE: 2 of 32

## SAMPLE SUMMARY

Ср

Tc

Ss

⁴Cn

Sr

Qc

GI

ΆI

Sc

3 of 32

		Collected by Collected date Danielle Braund 11/17/21 08:20		Collected date/time	ime Received date/time		
RP-1 L1433493-01 GW				11/17/21 00.20	11/13/2103.0	0	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time		Atterviewe Atterv	
Gravimetric Analysis by Method 2540 C-2011	WG1779725	1	11/24/21 11:14	11/24/21 16:11	BRG	Mt. Juliet, TN	
Wet Chemistry by Method 9056A	WG1788163	1	12/12/21 20:18	12/12/21 20:18	ELN	Mt. Juliet, TN	
Metals (ICP) by Method 6010B	WG1792037	1	12/22/21 12:41	12/23/21 05:41	CCE	Mt. Juliet, TN	
Metals (ICPMS) by Method 6020	WG1789463	1	12/17/21 12:58	12/17/21 16:10	JPD	Mt. Juliet, TN	
			Collected by	Collected date/time	Received da	te/time	
RP-2 L1433493-02 GW			Danielle Braund	11/17/21 08:50	11/19/21 09:0	0	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			
Gravimetric Analysis by Method 2540 C-2011	WG1779725	1	11/24/21 11:14	11/24/21 16:11	BRG	Mt. Juliet, TN	
Wet Chemistry by Method 9056A	WG1788163	1	12/12/21 20:33	12/12/21 20:33	ELN	Mt. Juliet, TN	
Metals (ICP) by Method 6010B	WG1792037	1	12/22/21 12:41	12/23/21 05:51	CCE	Mt. Juliet, TN	
Metals (ICPMS) by Method 6020	WG1789463	1	12/17/21 12:58	12/17/21 16:14	JPD	Mt. Juliet, TN	
			Collected by	Collected date/time	Received da	te/time	
RP-3 L1433493-03 GW			Danielle Braund	11/17/21 09:22	11/19/21 09:0	0	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
Gravimatric Analysis by Mathod 25/10 C-2011	WG1770723	1	11/2//21 11.12	11/24/21 15:02	RRG	Mt Juliet TN	
Wat Chamietry by Method 9056A	WG1779723	1	17/12/21 11.12	17/12/21 20:40	ELN	Mt Juliot TN	
Motals (ICP) by Mothod 6010R	WC1702027	1	12/12/21 20.45	12/12/21 20.49	CCE	Mt Juliot TN	
Metals (ICPMS) by Method 6020	WG1782463	1	12/17/21 12:58	12/17/21 16:17	JPD	Mt. Juliet, TN	
			Collected by	Collected date/time	Received da	te/time	
RP-4 L1433493-04 GW			Danielle Braund	11/17/21 10:48	11/19/21 09:0	0	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			
Gravimetric Analysis by Method 2540 C-2011	WG1779723	1	11/24/21 11:12	11/24/21 15:02	BRG	Mt. Juliet, TN	
Wet Chemistry by Method 9056A	WG1788163	1	12/12/21 21:53	12/12/21 21:53	ELN	Mt. Juliet, TN	
Wet Chemistry by Method 9056A	WG1788163	5	12/13/21 05:51	12/13/21 05:51	ELN	Mt. Juliet, TN	
Metals (ICP) by Method 6010B	WG1792037	1	12/22/21 12:41	12/23/21 05:57	CCE	Mt. Juliet, TN	
Metals (ICPMS) by Method 6020	WG1789463	1	12/17/21 12:58	12/17/21 16:20	JPD	Mt. Juliet, TN	

RP-5 L1433493-05 GW			Collected by Danielle Braund	Collected date/time 11/17/21 12:35	Received date/time 11/19/21 09:00	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Gravimetric Analysis by Method 2540 C-2011	WG1779723	1	11/24/21 11:12	11/24/21 15:02	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1788163	1	12/12/21 22:09	12/12/21 22:09	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1788163	5	12/12/21 22:56	12/12/21 22:56	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1792037	1	12/22/21 12:41	12/23/21 05:59	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1789463	1	12/17/21 12:58	12/17/21 16:24	JPD	Mt. Juliet, TN

				Collected date/time	Received da	te/time	
RP-6 L1433493-06 GW			Danielle Braund	11/17/21 10:12	Received da 11/19/21 09:0 Analyst BRG ELN ELN CCE TE/TIME: 9/21 14:15	0	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			
Gravimetric Analysis by Method 2540 C-2011	WG1779723	1	11/24/21 11:12	11/24/21 15:02	BRG	Mt. Juliet, TN	
Wet Chemistry by Method 9056A	WG1788163	1	12/12/21 23:12	12/12/21 23:12	ELN	Mt. Juliet, TN	
Wet Chemistry by Method 9056A	WG1788163	5	12/13/21 00:17	12/13/21 00:17	ELN	Mt. Juliet, TN	
Metals (ICP) by Method 6010B	WG1792037	1	12/22/21 12:41	12/23/21 06:07	CCE	Mt. Juliet, TN	
ACCOUNT:	PROJECT:		SDG:	DAT	E/TIME:	PAGE:	
6 L1433493-06 GW od metric Analysis by Method 2540 C-2011 Chemistry by Method 9056A Chemistry by Method 9056A Is (ICP) by Method 6010B ACCOUNT: GBMc & Associates - Bryant, AR	1145-21-081		L1433493	12/29/21 14:15		3 of 32	

GBMc & Associates - Bryant, AR

## SAMPLE SUMMARY

			Collected by	Collected date/time	Received da		
RP-6 L1433493-06 GW			Danielle Braund	11/17/21 10:12	11/19/21 09:0	0	<sup>1</sup> Cp
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	$^{2}Tc$
Metals (ICPMS) by Method 6020	WG1789463	1	12/17/21 12:58	12/17/21 16:27	JPD	Mt. Juliet, TN	
RP-7 L1433493-07 GW			Collected by Danielle Braund	Collected date/time 11/17/21 09:50	Received da 11/19/21 09:0	te/time 0	<sup>3</sup> Ss
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	<sup>°</sup> Cn
Gravimetric Analysis by Method 2540 C-2011 Wet Chemistry by Method 9056A	WG1779723 WG1788163	1	11/24/21 11:12 12/13/21 00:33	11/24/21 15:02 12/13/21 00:33	BRG ELN	Mt. Juliet, TN Mt. Juliet, TN	<sup>5</sup> Sr
Metals (ICP) by Method 6010B Metals (ICPMS) by Method 6020	WG1792037 WG1789463	1	12/22/21 12:41 12/17/21 12:58	12/23/21 06:10 12/17/21 16:30	JPD	Mt. Juliet, TN Mt. Juliet, TN	<sup>°</sup> Qc
RP-8 L1433493-08 GW			Collected by Danielle Braund	Collected date/time 11/17/21 12:10	Received da 11/19/21 09:0	te/time 0	<sup>7</sup> Gl
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	A
Gravimetric Analysis by Method 2540 C-2011 Wet Chemistry by Method 9056A Metals (ICP) by Method 6010B Metals (ICPMS) by Method 6020	WG1779723 WG1788163 WG1792037 WG1789463	1 1 1 1	11/24/21 11:12 12/13/21 00:48 12/22/21 12:41 12/17/21 12:58	11/24/21 15:02 12/13/21 00:48 12/23/21 06:13 12/17/21 16:34	BRG ELN CCE JPD	Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN	Sc
RP-9 L1433493-09 GW			Collected by Danielle Braund	Collected date/time 11/17/21 11:45	Received da 11/19/21 09:0	te/time 0	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Gravimetric Analysis by Method 2540 C-2011 Wet Chemistry by Method 9056A Metals (ICP) by Method 6010B Metals (ICPMS) by Method 6020	WG1779723 WG1788163 WG1792037 WG1792645	1 1 1 1	11/24/21 11:12 12/13/21 01:04 12/22/21 12:41 12/22/21 07:36	11/24/21 15:02 12/13/21 01:04 12/23/21 06:15 12/26/21 16:17	BRG ELN CCE LD	Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN	
RP-10 L1433493-10 GW			Collected by Danielle Braund	Collected date/time 11/17/21 11:15	Received da 11/19/21 09:0	te/time 0	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Gravimetric Analysis by Method 2540 C-2011 Wet Chemistry by Method 9056A Wet Chemistry by Method 9056A Metals (ICP) by Method 6010B Metals (ICPMS) by Method 6020	WG1779721 WG1788163 WG1788163 WG1790729 WG1792645	1 1 5 1 1	11/24/21 11:10 12/13/21 01:20 12/13/21 06:07 12/28/21 00:13 12/22/21 07:36	11/24/21 13:08 12/13/21 01:20 12/13/21 06:07 12/28/21 21:40 12/26/21 18:10	MMF ELN CCE LD	Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN	
FIELD BLANK 2 CCR L1433493-11 GW			Collected by Danielle Braund	Collected date/time 11/17/21 10:00	Received da 11/19/21 09:0	te/time 0	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Gravimetric Analysis by Method 2540 C-2011 Wet Chemistry by Method 9056A Metals (ICP) by Method 6010B	WG1779723 WG1788163 WG1790729	1 1 1	11/24/21 11:12 12/13/21 01:36 12/28/21 00:13	11/24/21 15:02 12/13/21 01:36 12/28/21 21:43	BRG ELN CCE	Mt. Juliet, TN Mt. Juliet, TN Mt. Juliet, TN	

PROJECT: 1145-21-081

SDG: L1433493

DATE/TIME: 12/29/21 14:15 PAGE: 4 of 32

## SAMPLE SUMMARY

		Collected by		Collected date/time	e Received date/time	
DUPLICATE RP-3 L1433493-12 GW			Danielle Braund	11/17/21 09:22	11/19/21 09:00	0
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Gravimetric Analysis by Method 2540 C-2011	WG1779721	1	11/24/21 11:10	11/24/21 13:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1788163	1	12/13/21 01:52	12/13/21 01:52	ELN	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1790729	1	12/28/21 00:13	12/28/21 21:46	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1792645	1	12/22/21 07:36	12/26/21 18:16	LD	Mt. Juliet, TN



SDG: L1433493 DATE/TIME: 12/29/21 14:15

#### CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

h

Mark W. Beasley Project Manager



SDG: L1433493 DATE/TIME: 12/29/21 14:15

PAGE: 6 of 32 Collected date/time: 11/17/21 08:20

#### SAMPLE RESULTS - 01 L1433493

Additional Information - Results for	field analyses are not accredited to ISO 17025
Result	Units

Analyte pH (On Site)

6.6

su

#### Gravimetric Analysis by Method 2540 C-2011

Gravimetric Analysis by Method 2540 C-2011							
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cn
Dissolved Solids	205		10.0	1	11/24/2021 16:11	WG1779725	

#### Wet Chemistry by Method 9056A

Posult	Qualifier	וחפ	Dilution	Analysis	Batch	
mesuit	Quaimer	ma/l	Dilution	Andrysis	battin	e
mg/i		mg/i		date / time		
7.25		1.00	1	12/12/2021 20:18	WG1788163	L
ND		0.150	1	12/12/2021 20:18	WG1788163	1
13.2		5.00	1	12/12/2021 20:18	WG1788163	
	Result mg/l 7.25 ND 13.2	ResultQualifiermg/l7.25ND13.2	Result     Qualifier     RDL       mg/l     mg/l     mg/l       7.25     1.00       ND     0.150       13.2     5.00	Result mg/l     Qualifier mg/l     RDL mg/l     Dilution       7.25     1.00     1       ND     0.150     1       13.2     5.00     1	Result mg/l     Qualifier mg/l     RDL mg/l     Dilution date / time       7.25     1.00     1     12/12/2021 20:18       ND     0.150     1     12/12/2021 20:18       13.2     5.00     1     12/12/2021 20:18	Result mg/l     Qualifier mg/l     RDL mg/l     Dilution date / time     Analysis date / time     Batch       7.25     1.00     1     12/12/2021 20:18     WG1788163       ND     0.150     1     12/12/2021 20:18     WG1788163       13.2     5.00     1     12/12/2021 20:18     WG1788163

#### Metals (ICP) by Method 6010B

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		Sc
Boron	ND		0.200	1	12/23/2021 05:41	WG1792037	

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	46.2		1.00	1	12/17/2021 16:10	WG1789463

SDG: L1433493

DATE/TIME: 12/29/21 14:15 Ср

Тс

ΆI

Collected date/time: 11/17/21 08:50

#### SAMPLE RESULTS - 02 L1433493

Additional information - Results for field analyses are not accredited to ISO 17025
---

	Result	Units					
Analyte							
pH (On Site)	6.81	su					
Gravimetric Analy	sis by Method	2540 C-20	)11				
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		
Dissolved Solids	213		10.0	1	11/24/2021 16:11	WG1779725	
Wet Chemistry by	Method 9056	Д					
Wet Chemistry by	Method 9056, Result	Д Qualifier	RDL	Dilution	Analysis	Batch	
Wet Chemistry by Analyte	/ Method 9056, Result mg/I	۵ <u>Qualifier</u>	<b>RDL</b> mg/l	Dilution	Analysis date / time	Batch	
Wet Chemistry by Analyte Chloride	v Method 9056/ Result mg/l 5.52	۵ Qualifier	<b>RDL</b> mg/l 1.00	Dilution 1	Analysis date / time 12/12/2021 20:33	Batch WG1788163	
Wet Chemistry by Analyte Chloride Fluoride	Method 9056/ Result mg/l 5.52 ND	Qualifier	RDL mg/l 1.00 0.150	Dilution 1 1	Analysis date / time 12/12/2021 20:33 12/12/2021 20:33	Batch WG1788163 WG1788163	
Wet Chemistry by Analyte Chloride Fluoride Sulfate	v Method 9056/ Result mg/l 5.52 ND 18.7	۵ <u>Qualifier</u>	<b>RDL</b> mg/l 1.00 0.150 5.00	Dilution 1 1 1	Analysis date / time 12/12/2021 20:33 12/12/2021 20:33 12/12/2021 20:33	Batch WG1788163 WG1788163 WG1788163	
Wet Chemistry by Analyte Chloride Fluoride Sulfate Metals (ICP) by Me	v Method 9056/ Result mg/l 5.52 ND 18.7 ethod 6010B	Qualifier	<b>RDL</b> mg/l 1.00 0.150 5.00	Dilution 1 1 1	Analysis     date / time     12/12/2021 20:33     12/12/2021 20:33     12/12/2021 20:33	Batch WG1788163 WG1788163 WG1788163	
Wet Chemistry by Analyte Chloride Fluoride Sulfate Metals (ICP) by Me	v Method 9056/ Result mg/l 5.52 ND 18.7 ethod 6010B Result	Qualifier	RDL mg/l 1.00 0.150 5.00 RDL	Dilution 1 1 1 Dilution	Analysis date / time 12/12/2021 20:33 12/12/2021 20:33 12/12/2021 20:33 Analysis	Batch WG1788163 WG1788163 WG1788163 Batch	
Wet Chemistry by Analyte Chloride Fluoride Sulfate Metals (ICP) by Me Analyte	v Method 9056, Result mg/l 5.52 ND 18.7 ethod 6010B Result mg/l	Qualifier	RDL mg/l 1.00 0.150 5.00 RDL mg/l	Dilution 1 1 1 Dilution	Analysis date / time 12/12/2021 20:33 12/12/2021 20:33 12/12/2021 20:33 12/12/2021 20:33 Analysis date / time	Batch WG1788163 WG1788163 WG1788163 Batch	

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	45.6		1.00	1	12/17/2021 16:14	WG1789463

Boron

RP-3 Collected date/time: 11/17	7/21 09:22		SAMF	PLE RE:	SULTS - 0 493	3	
Additional Informati	on - Results f	or field and	alyses ar	e not accr	edited to ISO 1	7025	1
	Result	Units					Ср
Analyte							2
pH (On Site)	6.96	su					Тс
Gravimetric Analysis	s by Method 2	2540 C-20	)11				<sup>3</sup> Ss
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cn
Dissolved Solids	184		10.0	1	11/24/2021 15:02	WG1779723	
Wet Chemistry by N	lethod 9056	4					<sup>₅</sup> Sr
	Result	Qualifier	RDL	Dilution	Analysis	Batch	6
Analyte	mg/l		mg/l		date / time		°Qc
Chloride	4.67		1.00	1	12/12/2021 20:49	WG1788163	
Fluoride	ND		0.150	1	12/12/2021 20:49	WG1788163	<sup>7</sup> GI
Sulfate	8.29		5.00	1	12/12/2021 20:49	WG1788163	
Metals (ICP) by Met	hod 6010B						١A <sup>8</sup>
	Result	Qualifier	RDL	Dilution	Analysis	Batch	9
Analyte	mg/l		mg/l		date / time		Šc

#### Metals (ICPMS) by Method 6020

ND

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	43.1		1.00	1	12/17/2021 16:17	WG1789463

1

0.200

12/23/2021 05:54

WG1792037

SDG: L1433493

Boron

RP-4			SAMF	LE RES	SULTS - 0	4	
Collected date/time: 11/	17/21 10:48			L1433	493		
Additional Informa	tion - Results fo	or field and	alyses are	e not accr	edited to ISO 1	7025	1
	Result	Units					Cp
Analyte							2
pH (On Site)	7.02	su					Тс
Gravimetric Analys	sis by Method 2	2540 C-20	)11				<sup>3</sup> Ss
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cn
Dissolved Solids	470		10.0	1	11/24/2021 15:02	WG1779723	CIT
Wet Chemistry by	Method 9056A	A					⁵Sr
	Result	Qualifier	RDL	Dilution	Analysis	Batch	6
Analyte	mg/l		mg/l		date / time		<sup>°</sup> Qc
Chloride	10.9		1.00	1	12/12/2021 21:53	WG1788163	
Fluoride	0.229		0.150	1	12/12/2021 21:53	<u>WG1788163</u>	<sup>7</sup> GL
Sulfate	227		25.0	5	12/13/2021 05:51	WG1788163	
Metals (ICP) by Me	ethod 6010B						<sup>8</sup> Al
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		ŠC
2	0 704		0.000		10/00/0001 05 57	11101700007	

#### Metals (ICPMS) by Method 6020

0.791

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	73.3		1.00	1	12/17/2021 16:20	WG1789463

1

12/23/2021 05:57

WG1792037

0.200

SDG: L1433493

DATE/TIME: 12/29/21 14:15 Boron

#### $\sim -$

KP-5 Collected date/time: 1	11/17/21 12:35		SAME	LE RE	SULIS - 0 493	5	
Additional Inform	nation - Results fo	or field and	alyses ar	e not accr	edited to ISO 1	7025	1
	Result	Units					Ср
Analyte							2
pH (On Site)	7.46	SU					Тс
Gravimetric Anal	ysis by Method 2	2540 C-20	)11				<sup>3</sup> Ss
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cn
Dissolved Solids	595		10.0	1	11/24/2021 15:02	WG1779723	
Wet Chemistry by	y Method 90564	Ą					<sup>5</sup> Sr
	Result	Qualifier	RDL	Dilution	Analysis	Batch	6
Analyte	mg/l		mg/l		date / time		ČQ¢ ∣
Chloride	13.0		1.00	1	12/12/2021 22:09	<u>WG1788163</u>	
Fluoride	0.384		0.150	1	12/12/2021 22:09	WG1788163	<sup>7</sup> GL
Sulfate	305		25.0	5	12/12/2021 22:56	WG1788163	6
Metals (ICP) by M	lethod 6010B						<sup>8</sup> Al
	Result	Qualifier	RDL	Dilution	Analysis	Batch	9
Analyte	mg/l		mg/l		date / time		ິSc

#### Metals (ICPMS) by Method 6020

1.37

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	73.8		1.00	1	12/17/2021 16:24	WG1789463

1

12/23/2021 05:59

0.200

WG1792037

SDG: L1433493

DATE/TIME: 12/29/21 14:15 RP-6

Collected date/time: 11/17/21 10:1

## SAMPLE RESULTS - 06

Collected date/time: 11/17/21 10:12				L1433	493		
Additional Inform	ation - Results f	or field and	alyses are	e not accr	edited to ISO 1	7025	1
	Result	Units					Ср
Analyte							2
pH (On Site)	7.49	SU					Тс
Gravimetric Analy	sis by Method	2540 C-20	011				<sup>3</sup> Ss
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cn
Dissolved Solids	766		10.0	1	11/24/2021 15:02	WG1779723	CI
Wet Chemistry by	y Method 9056	Д					<sup>5</sup> Sr
	Result	Qualifier	RDL	Dilution	Analysis	Batch	6
Analyte	mg/l		mg/l		date / time		Ŭ Q C
Chloride	11.9		1.00	1	12/12/2021 23:12	WG1788163	
Fluoride	0.419		0.150	1	12/12/2021 23:12	WG1788163	<sup>7</sup> GI
Sulfate	310		25.0	5	12/13/2021 00:17	WG1788163	
Metals (ICP) by M	ethod 6010B						<sup>8</sup> Al
	Result	Qualifier	RDL	Dilution	Analysis	Batch	۵
Analyte	mg/l		mg/l		date / time		Sc
Boron	0.407		0.200	1	12/23/2021 06:07	WG1792037	

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	114		1.00	1	12/17/2021 16:27	WG1789463

SDG: L1433493 DATE/TIME: 12/29/21 14:15
RP-7

Collected date/time: 11/17/21 09:50

#### SAMPLE RESULTS - 07 L1433493

Additional Inform	ation - Results fo	or field and	alyses are	e <mark>not</mark> accr	edited to ISO 1	7025	1
	Result	Units					
Analyte							2
pH (On Site)	6.98	SU					Tc
Gravimetric Anal	ysis by Method 2	2540 C-20	11				<sup>3</sup> Ss
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cr
Dissolved Solids	305		10.0	1	11/24/2021 15:02	WG1779723	
Wet Chemistry by	y Method 90564	Ą					⁵Sr
	Result	Qualifier	RDL	Dilution	Analysis	Batch	6
Analyte	mg/l		mg/l		date / time		ČQ(
Chloride	7.76		1.00	1	12/13/2021 00:33	<u>WG1788163</u>	
Fluoride	0.155		0.150	1	12/13/2021 00:33	<u>WG1788163</u>	<sup>7</sup> GI
Sulfate	50.6		5.00	1	12/13/2021 00:33	WG1788163	
Metals (ICP) by M	lethod 6010B						<sup>8</sup> Al
Metals (ICP) by M	lethod 6010B Result	Qualifier	RDL	Dilution	Analysis	Batch	AI
Metals (ICP) by N Analyte	lethod 6010B Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	<sup>8</sup> Al <sup>9</sup> Sc

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	56.6		1.00	1	12/17/2021 16:30	WG1789463

SDG: L1433493 PP\_8

## SAMPLE RESULTS - 08

Collected date/time: 11/17/21 12:10					493	0	
Additional Informa	ation - Results fo	or field and	alyses are	e not accr	edited to ISO 1	17025	
	Result	Units					
Analyte							
pH (On Site)	7.04	su					
Gravimetric Analy	sis by Method 2	540 C-20	)11				
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		
Dissolved Solids	432		10.0	1	11/24/2021 15:02	<u>WG1779723</u>	
Wet Chemistry by	Method 9056A	L.					
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		
Chloride	18.0		1.00	1	12/13/2021 00:48	WG1788163	
Fluoride	ND		0.150	1	12/13/2021 00:48	WG1788163	
Sulfate	53.8		5.00	1	12/13/2021 00:48	WG1788163	

#### Metals (ICP) by Method 6010B

	Result	Qualifier	RDL	Dilution	Analysis	Batch	Q
Analyte	mg/l		mg/l		date / time		Sc
Boron	ND		0.200	1	12/23/2021 06:13	WG1792037	

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	79.5		1.00	1	12/17/2021 16:34	WG1789463

SDG: L1433493

DATE/TIME: 12/29/21 14:15 Ср

Тс

Ss

Cn

Sr

Qc

GI

ΆI

RP-9

**Dissolved Solids** 

Collected date/time: 11/17/21 11:45

## SAMPLE RESULTS - 09

Additional Inform	Additional Information - Results for field analyses are not accredited to ISO 17025										
	Result	Units									
Analyte											
pH (On Site)	7.06	SU									
Gravimetric Ana	lysis by Method 2	2540 C-20	)11								
	Result	Qualifier	RDL	Dilution	Analysis	Batch					
Analyte	mg/l		mg/l		date / time						

1

10.0

#### Wet Chemistry by Method 9056A

205

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	C
Analyte	mg/l		mg/l		date / time		°Qc
Chloride	6.07		1.00	1	12/13/2021 01:04	WG1788163	
Fluoride	ND		0.150	1	12/13/2021 01:04	WG1788163	
Sulfate	12.8		5.00	1	12/13/2021 01:04	WG1788163	

11/24/2021 15:02

WG1779723

#### Metals (ICP) by Method 6010B

	Result	Qualifier	RDL	Dilution	Analysis	Batch	9
Analyte	mg/l		mg/l		date / time		Sc
Boron	ND		0.200	1	12/23/2021 06:15	WG1792037	

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	49.6		1.00	1	12/26/2021 16:17	WG1792645

SDG: L1433493 DATE/TIME: 12/29/21 14:15

Ср

Тс

Ss

Cn

٦A

RP-10

## SAMPLE RESULTS - 10

Collected date/time: 11/17/21 11:15					L1433493					
Additional Informatio	n - Results fo	or field and	alyses are	e not accr	edited to ISO 1	7025		1		
	Result	Units						Ср		
Analyte								2		
pH (On Site)	7.33	su						Тс		
Gravimetric Analysis	by Method 2	2540 C-20	)11					<sup>3</sup> Ss		
	Result	Qualifier	RDL	Dilution	Analysis	Batch				
Analyte	mg/l		mg/l		date / time			$^{4}$ Cn		
Dissolved Solids	505		10.0	1	11/24/2021 13:08	WG1779721		CII		
Wet Chemistry by Me	ethod 90564	4						<sup>5</sup> Sr		
	Result	Qualifier	RDL	Dilution	Analysis	Batch		6		
Analyte	mg/l		mg/l		date / time			ČQc		
Chloride	11.3		1.00	1	12/13/2021 01:20	WG1788163				
Fluoride	0.175		0.150	1	12/13/2021 01:20	WG1788163		<sup>7</sup> Gl		
Sulfate	102		25.0	5	12/13/2021 06:07	WG1788163				
Metals (ICP) by Metho	od 6010B							<sup>8</sup> Al		
	Result	Qualifier	RDL	Dilution	Analysis	Batch		9		
Analyte	mg/l		mg/l		date / time			Sc		
Boron	0.598		0.200	1	12/28/2021 21:40	WG1790729				

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	88.8		1.00	1	12/26/2021 18:10	WG1792645

SDG: L1433493

#### SAMPLE RESULTS - 11 L1433493

#### Gravimetric Analysis by Method 2540 C-2011

Gravimetric Analysis by Method 2540 C-2011												
	Result	Qualifier	RDL	Dilution	Analysis	Batch	Ср					
Analyte	mg/l		mg/l		date / time		2					
Dissolved Solids	ND		10.0	1	11/24/2021 15:02	WG1779723	⁻Tc					

#### Wet Chemistry by Method 9056A

Wet Chemistry by Method 9056A 3										
Result <u>Qualifier</u> RDL Dilution Analysis <u>Batch</u>										
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cn			
Chloride	ND		1.00	1	12/13/2021 01:36	WG1788163	CII			
Fluoride	ND		0.150	1	12/13/2021 01:36	WG1788163	5			
Sulfate	ND		5.00	1	12/13/2021 01:36	WG1788163	Sr			

#### Metals (ICP) by Method 6010B

Metals (ICP) by Method 6010B										
	Result	Qualifier	RDL	Dilution	Analysis	Batch				
Analyte	mg/l		mg/l		date / time					
Boron	ND		0.200	1	12/28/2021 21:43	WG1790729				

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch	9
Analyte	mg/l		mg/l		date / time		Sc
Calcium	ND		1.00	1	12/26/2021 18:13	WG1792645	

SDG: L1433493

DATE/TIME: 12/29/21 14:15 <sup>°</sup>Al

DUPLICATE RP-3 Collected date/time: 11/17/21 09:22

# SAMPLE RESULTS - 12

	Result	Units					
Analyte							2
pH (On Site)	6.96	SU					۲c
Gravimetric Analy	vsis by Method 2	2540 C-20	)11				<sup>3</sup> Ss
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l		date / time		<sup>4</sup> Cn
Dissolved Solids	183		10.0	1	11/24/2021 13:08	WG1779721	CI
Wet Chemistry by	/ Method 9056/	4					⁵Sr
	Result	Qualifier	RDL	Dilution	Analysis	Batch	6
Analyte	mg/l		mg/l		date / time		ို့ထူး
Chloride	4.66		1.00	1	12/13/2021 01:52	WG1788163	
Fluoride	ND		0.150	1	12/13/2021 01:52	WG1788163	<sup>7</sup> Cl
Sulfate	8.26		5.00	1	12/13/2021 01:52	WG1788163	01
Metals (ICP) by M	ethod 6010B						<sup>8</sup> Al
	Result	Qualifier	RDL	Dilution	Analysis	Batch	9
Analyte	mg/l		mg/l		date / time		<sup>°</sup> Sc
-	ND		0.200	4	12/20/2021 21:40	WC1700720	

#### Metals (ICPMS) by Method 6020

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l		date / time	
Calcium	46.1		1.00	1	12/26/2021 18:16	WG1792645

SDG: L1433493 DATE/TIME: 12/29/21 14:15

Gravimetric Analysis by Method 2540 C-2011

#### QUALITY CONTROL SUMMARY L1433493-10,12

#### Method Blank (MB)

(MB) R3735092-1 11/24/21 13:08						
	MB Result	MB Qualifier	MB MDL	MB RDL		
Analyte	mg/l		mg/l	mg/l		
Dissolved Solids	U		10.0	10.0		

#### L1433770-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1433770-03 11/24/21	JS) L1433770-03 11/24/21 13:08 • (DUP) R3735092-3 11/24/21 13:08										
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits					
Analyte	mg/l	mg/l		%		%					
Dissolved Solids	1530	1530	1	0.000		5					

#### L1433770-10 Original Sample (OS) • Duplicate (DUP)

L1433770-10 Origin	1433770-10 Original Sample (OS) • Duplicate (DUP)										
(OS) L1433770-10 11/24/21	DS) L1433770-10 11/24/21 13:08 • (DUP) R3735092-4 11/24/21 13:08										
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	<sup>8</sup> Al				
Analyte	mg/l	mg/l		%		%					
Dissolved Solids	976	976	1	0.000		5	<sup>9</sup> Sc				

#### Laboratory Control Sample (LCS)

(LCS) R3735092-2 11/24/2	.CS) R3735092-2 11/24/21 13:08							
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte	mg/l	mg/l	%	%				
Dissolved Solids	8800	8690	98.8	77.4-123				

DATE/TIME: 12/29/21 14:15 Тс

Ss

Cn

Sr

Qc

Gravimetric Analysis by Method 2540 C-2011

## QUALITY CONTROL SUMMARY

L1433493-03,04,05,06,07,08,09,11

#### Method Blank (MB)

(MB) R3734302-1 11/2	24/21 15:02					Ср			
	MB Result	MB Qualifier	MB MDL	MB RDL		2			
Analyte	mg/l		mg/l	mg/l		Tc			
Dissolved Solids	U		10.0	10.0					
						<sup>3</sup> Ss			

#### L1432218-03 Original Sample (OS) • Duplicate (DUP)

L1432218-03 Origin	432218-03 Original Sample (OS) • Duplicate (DUP)										
(OS) L1432218-03 11/24/21	S) L1432218-03 11/24/21 15:02 • (DUP) R3734302-3 11/24/21 15:02										
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	<sup>5</sup> Sr				
Analyte	mg/l	mg/l		%		%	5				
Dissolved Solids	812	805	1	0.825		5	6_				

#### L1432740-01 Original Sample (OS) • Duplicate (DUP)

L1432740-01 Origi	1432740-01 Original Sample (OS) • Duplicate (DUP)											
OS) L1432740-01 11/24/21 15:02 • (DUP) R3734302-4 11/24/21 15:02												
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits		<sup>8</sup> Al				
Analyte	mg/l	mg/l		%		%						
Dissolved Solids	1940	1930	1	0.258		5		Sc				

#### Laboratory Control Sample (LCS)

(LCS) R3734302-2 11/24/2	21 15:02				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Dissolved Solids	8800	8620	98.0	77.4-123	

DATE/TIME: 12/29/21 14:15

PAGE: 20 of 32 Qc

Gravimetric Analysis by Method 2540 C-2011

#### QUALITY CONTROL SUMMARY L1433493-01,02

#### Method Blank (MB)

(MB) R3734296-1 11/24/21 16:11							
	MB Result	MB Qualifier	MB MDL	MB RDL			
Analyte	mg/l		mg/l	mg/l			
Dissolved Solids	U		10.0	10.0			

#### L1432898-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1432898-05 11/24/21 16:11 • (DUP) R3734296-3 11/24/21 16:11										
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD — Limits				
Analyte	mg/l	mg/l		%		%				
Dissolved Solids	1460	1480	1	1.53		5				

#### L1432898-06 Original Sample (OS) • Duplicate (DUP)

L1432898-06 Origin	1432898-06 Original Sample (OS) • Duplicate (DUP)											
DS) L1432898-06 11/24/21 16:11 • (DUP) R3734296-4 11/24/21 16:11												
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	<sup>8</sup> Al					
Analyte	mg/l	mg/l		%		%						
Dissolved Solids	1650	1650	1	0.152		5	<sup>9</sup> Sc					

#### Laboratory Control Sample (LCS)

(LCS) R3734296-2 11/24/2	21 16:11				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Dissolved Solids	8800	8570	97.4	77.4-123	

DATE/TIME: 12/29/21 14:15

PAGE: 21 of 32 Тс

Ss

⁺Cn

Sr

Wet Chemistry by Method 9056A

#### QUALITY CONTROL SUMMARY L1433493-01,02,03,04,05,06,07,08,09,10,11,12

#### Method Blank (MB)

Method Didi									
(MB) R3740082-1 12/12/2118:37									
	MB Result	MB Qualifier	MB MDL	MB RDL					
Analyte	mg/l		mg/l	mg/l					
Chloride	U		0.379	1.00					
Fluoride	U		0.0640	0.150					
Sulfate	U		0.594	5.00					

#### L1433493-03 Original Sample (OS) • Duplicate (DUP)

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits			
Analyte	mg/l	mg/l		%		%			
Chloride	4.67	4.65	1	0.427		15			
Fluoride	ND	ND	1	1.73		15			
Sulfate	8.29	8.31	1	0.323		15			

#### L1433498-08 Original Sample (OS) • Duplicate (DUP)

JS) L1433498-08 12/13/21 04:31 • (DUP) R3740082-6 12/13/21 04:47										
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits				
Analyte	mg/l	mg/l		%		%				
Chloride	17.6	17.6	1	0.0752		15				
Fluoride	ND	ND	1	1.79		15				
Sulfate	52.4	52.6	1	0.294		15				

#### Laboratory Control Sample (LCS)

LCS) R3740082-2 12/12/21 18:52											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier						
Analyte	mg/l	mg/l	%	%							
Chloride	40.0	39.3	98.3	80.0-120							
Fluoride	8.00	8.00	100	80.0-120							
Sulfate	40.0	39.6	99.0	80.0-120							

ACCOUNT:	
GBMc & Associates - Bryant, A	R

PROJECT: 1145-21-081

DATE/TIME: 12/29/21 14:15

PAGE: 22 of 32 °Cn

Sr

Qc

GI

Â

Wet Chemistry by Method 9056A

#### QUALITY CONTROL SUMMARY 1433493-01,02,03,04,05,06,07,08,09,10,11,12

#### L1433493-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1433493-03 12/12/21	,OS) L1433493-03 12/12/21 20:49 • (MS) R3740082-4 12/12/21 21:21 • (MSD) R3740082-5 12/12/21 21:37														
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits			
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%			
Chloride	50.0	4.67	50.3	50.4	91.4	91.4	1	80.0-120			0.0137	15			
Fluoride	5.00	ND	4.68	4.67	91.7	91.6	1	80.0-120			0.124	15			
Sulfate	50.0	8.29	53.6	53.4	90.6	90.3	1	80.0-120			0.261	15			

#### L1433498-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1433498-08 12/13/2	s) L1433498-08 12/13/21 04:31 • (MS) R3740082-7 12/13/21 05:03														
	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier								
Analyte	mg/l	mg/l	mg/l	%		%									
Chloride	50.0	17.6	66.3	97.4	1	80.0-120									
Fluoride	5.00	ND	5.01	97.7	1	80.0-120									
Sulfate	50.0	52.4	99.8	94.9	1	80.0-120									

DATE/TIME: 12/29/21 14:15

PAGE: 23 of 32

Тс

Ss

Cn

Sr

Qc

GI

Â

Metals (ICP) by Method 6010B

# QUALITY CONTROL SUMMARY

#### Method Blank (MB)

MB) R3745858-1 12/28/21 21:25										
	MB Result	MB Qualifier	MB MDL	MB RDL						
Analyte	mg/l		mg/l	mg/l						
Boron	U		0.0200	0.200						

#### Laboratory Control Sample (LCS)

(LCS) R3745858-2 12/28/	_CS) R3745858-2 12/28/21 21:27											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier							
Analyte	mg/l	mg/l	%	%								
Boron	1.00	0.977	97.7	80.0-120								

#### L1433498-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1433498-12 12/28/21	(OS) L1433498-12 12/28/21 21:30 • (MS) R3745858-4 12/28/21 21:35 • (MSD) R3745858-5 12/28/21 21:38													
Spike Amount Original Result MS Result MSD Result MS Rec. MSD Rec. Dilution Rec. Limits <u>MS Qualifier</u> MSD Qualifier RPD RPD Lir											RPD Limits			
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%		
Boron	1.00	ND	0.997	1.00	99.7	100	1	75.0-125			0.775	20		

DATE/TIME: 12/29/21 14:15 PAGE: 24 of 32 Тс

Ss

Cn

Sr

<sup>°</sup>Qc

GI

Â

Metals (ICP) by Method 6010B

#### QUALITY CONTROL SUMMARY L1433493-01,02,03,04,05,06,07,08,09

#### Method Blank (MB)

(MB) R3744231-1 12/23/21 05:36												
	MB Result	MB Qualifier	MB MDL	MB RDL								
Analyte	mg/l		mg/l	mg/l								
Boron	U		0.0200	0.200								

#### Laboratory Control Sample (LCS)

(LCS) R3744231-2 12/23/2	_CS) R3744231-2 12/23/21 05:38											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier							
Analyte	mg/l	mg/l	%	%								
Boron	1.00	0.997	99.7	80.0-120								

#### L1433493-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1433493-01 12/23/21 05:41 • (MS) R3744231-4 12/23/21 05:46 • (MSD) R3744231-5 12/23/21 05:48													
Spike Amount Original Result MS Result MSD Result MS Rec. MSD Rec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD RPD Limits												RPD Limits	
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%	
Boron	1.00	ND	1.01	1.01	101	101	1	75.0-125			0.00990	20	

DATE/TIME: 12/29/21 14:15

Metals (ICPMS) by Method 6020

#### QUALITY CONTROL SUMMARY L1433493-01,02,03,04,05,06,07,08

#### Method Blank (MB)

	)				$^{1}Cn$
(MB) R3742090-1 12/17/2	21 15:30				Cp
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/l		mg/l	mg/l	Tc
Calcium	0.133	J	0.0936	1.00	
					<sup>3</sup> Ss

#### Laboratory Control Sample (LCS)

(LCS) R3742090-2 12/17/2	CS) R3742090-2 12/17/21 15:34											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier							
Analyte	mg/l	mg/l	%	%								
Calcium	5.00	4.76	95.1	80.0-120								

#### L1432633-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1432633-04 12/17/21 15:37 • (MS) R3742090-4 12/17/21 15:44 • (MSD) R3742090-5 12/17/21 15:47													
Spike Amount Original Result MS Result MSD Result MS Rec. MSD Rec. Dilution Rec. Limits <u>MS Qualifier</u> MSD Qualifier RPD RPD Limi											RPD Limits		
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%	
Calcium	5.00	138	142	141	82.2	55.8	1	75.0-125		V	0.933	20	

SDG: L1433493

DATE/TIME: 12/29/21 14:15 Cn

Sr

<sup>°</sup>Qc

GI

Â

Metals (ICPMS) by Method 6020

#### QUALITY CONTROL SUMMARY L1433493-09,10,11,12

#### Method Blank (MB)

Method Blank	(MB)				$^{1}$ Cp
(MB) R3744815-1 12	/26/21 16:10				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/l		mg/l	mg/l	Tc
Calcium	U		0.0936	1.00	
					<sup>3</sup> Ss

#### Laboratory Control Sample (LCS)

(LCS) R3744815-2 12/26/2	.CS) R3744815-2 12/26/21 16:13										
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier						
Analyte	mg/l	mg/l	%	%							
Calcium	5.00	4.90	98.0	80.0-120							

#### L1433493-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1433493-09 12/26/2	21 16:17 • (MS) R	3744815-4 12/2	26/2116:23 • (N	ISD) R3744815	-5 12/26/21 16:	26						
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Calcium	5.00	49.6	54.0	54.2	88.2	91.1	1	75.0-125			0.273	20

SDG: L1433493

DATE/TIME: 12/29/21 14:15

PAGE: 27 of 32 Cn

Sr

<sup>°</sup>Qc

GI

Â

## GLOSSARY OF TERMS

#### Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

#### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.
Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

V

PROJECT: 1145-21-081

The sample concentration is too high to evaluate accurate spike recoveries.

SDG: L1433493 DATE/TIME: 12/29/21 14:15

Τс

Ss

Cn

Sr

Qc

GI

AI

## ACCREDITATIONS & LOCATIONS

#### Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky <sup>16</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>14</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 5	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SDG: L1433493

ompany Name/Address:	17		Billing Infor	mation:						Analysis	/ Contain	er / Preservative		Chain of Custody	Page of
SBMc & Associates - Bry 19 Brown Lane ryant, AR 72022	yant, AR		Accounts 219 Brov Bryant, A	s Payable vn Ln. AR 72022	9 <sup>-1464521</sup> - 544		Pres Chk							- Pac	e Analytical <sup>®</sup>
Report to: Ionathan Brown			Email To: jbrown@gl	omcassoc.	com;dbra	und@gbmc	assoc.		res					12065 Lebanon Rd Mo Submitting a sample via constitutes acknowledg	unt Juliet, TN 37122 a this chain of custody gment and acceptance of the
Project Description: Entergy - Independence		City/State Collected:	Newa	rk, A	R	Please Cil PT MT C	TET		-NoP					https://info.pacelabs.co terms.pdf	om/hubfs/pas-standard-
Phone: 501-847-7077	Client Project		1	Lab Proje GBMCI	act # BAR-EN	TERGYINI	ργ	-	nIHDPE					SDG # LH	33493 127
Collected by (print): Daniele Braunce	Site/Facility RECYCLE F	ID # PONDS	nedis er	P.O. #				ONH	5 250r					Acctnum: GBN	MCBAR
Collected by (signature): Daniellibcaul Immediately Packed on Ice N_ Y X	Rush?	(Lab MUST Be Day Five I Day 5 Day ay 10 Da Day	Notified) Day / (Rad Only) ay (Rad Only)	Quote #	f e Results	Needed	No. of	250mIHDPE-	H, SO4, TD5					Template: <b>T19</b> Prelogin: <b>P88</b> PM: <b>134 - Marl</b> PB:	8828 5922 k W. Beasley
Sample ID	Comp/Grab	Matrix *	Depth	Da	te	Time	Cntrs	3, Ca	cl, F,4					Shipped Via: Remarks	Sample # (lab only)
RP-1	Grab	GW	29.2	11 17	21	820	2	X	X					6.60	-01
RP-2	Grab	GW	27.75	11/17	21	850	2	X	X					6.81	-02
IP-3	Grab	GW	25.0	11/17	21	922	2	X	X					6.96	-03
3P-4	Grab	GW	31.4	11/17	121	1048	2	X	X		The state			7.02	-04
(P-5	Grab	GW	32.9	11/17	(2)	1235	2	X	X					7.46	-05
iP-6	Grab	GW	32.2	11/17	121	1012	2	X	X	a stract				7.49	-06-
{P-7	Grab	GW	32.0	11/17	(21	950	2	X	X					6.98	-07
P-8	Grab	GW	31.4	11/17	121	0151	2	X	X					7.04	-08
IP-9	Grab	GW	28.9	11/17	21	1145	2	X	X					7.06	-09
(P-10	Grab	GW	33.9	11117	121	1115	2	X	X	1	1			7.33	-10
Matrix: S - Soil AIR - Air F - Filter SW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water Sa	marks: Fiv	nal pl	tinr	emay	Trachin					pH Flow	,	Temp	Sam COC Seal P COC Signed Bottles ar Correct bo Sufficient	ole Receipt Ch resent/Intact: /Accurate: rive intact: ttles used: volume sent: If Applicable	MP Y N MP Y N M N M N M N M N
JT - Other	UPS FedE	xCourier	A MARINE		Tracking	s# 5	ee	at	biche	d			VOA Zero H Preservati	eadspace:	ecked: W
Relinquished by : (Signature)	Q	Date: 11/18/2	y E	000	Receive	d by: (Signat	ure)	y Root A.		Trip Blar	nk Receiv	ed: Yes (No <sup>-1</sup> HCL / MeoH TBR	RAD Screen	<0.5 mR/hr:	
Relinquished by : (Signature)	Date: Time:			Time: Received by: (Signature						Temp: See	ched	Bottles Received:	If preservatio	on required by Log	in: Date/Time
Relinquished by : (Signature)	C	Date:	Time		Receive	d for lab by	Signati	ure)//	~	Date:	ihi	Time:	Hold:	and the fact	Condition: NCF / OK

Company Name/Address:	200	1 S S	Billing Infor	mation:		1	and the s	ALC: N	Analysis	/ Conta	iner / Prese	rvative		Chain of Custod	y Page of
GBMc & Associates - Bry 219 Brown Lane Bryant, AR 72022	yant, AR		Accounts 219 Brov Bryant, A	s Payable vn Ln. AR 72022		Pres Chk					98 - + 781			- Pac	) ce Analytical
Report to: onathan Brown			Email To: jbrown@g	bmcassoc.com	;dbraund@gbmo	assoc.		res						12065 Lebanon Rd Mi Submitting a sample v constitutes acknowled	ount Juliet, TN 37122 ria this chain of custody Igment and acceptance of th
Project Description: Entergy - Independence		City/State Collected:	Newar	ie, AR	Please Circle PT MT CT			E-NoP						https://info.pacelabs. terms.pdf	com/hubfs/pas-standard-
hone: <b>501-847-7077</b>	Client Project	# 71-08	51	Lab Project # GBMCBAF	R-ENTERGYIN	DY		MIHDPI						SDG #	33493
Danielk Brauna	Site/Facility ID # RECYCLE PONDS Rush? (Lab MUST Be Notif			P.O.#			ONH-	S 250						Acctnum: GB	MCBAR
Collected by (signature): DevielleBourd mmediately Packed on Ice N_ Y_X	Rush? (L Same Da Next Da Two Da Three D	ab MUST Be ay Five y 5 Day / 10 D ay	Notified) Day y (Rad Only) ay (Rad Only)	Quote # Date Re	sults Needed	No. of	250mIHDPE	aH, SO4, TD						Template: <b>119</b> Prelogin: <b>P88</b> PM: <b>134 - Mar</b> PB:	98828 3 <b>5922</b> rk W. Beasley
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	B, Ca	CI, F, H						Shipped Via: Remarks	Sample # (lab only
IELD BLANK 2 CCP	Grab	GW	- 55	11/17/2	1 1000	2	×	X	2.7			1	1		-11
DUPLICATE RP-3	Grab	GW	25.0	11/17/21	922	2	X	$\times$						6.96	-12
	1000 A	-GW-				-		10							
	and a second													at the	
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1													
					1 - 1 -							1			
		l dit.													
			<u>x</u>					1.1.1							
' Matrix: IS - Soil AIR - Air F - Filter SW - Groundwater B - Bioassay WW - WasteWater	marks: Fir	l p	l H in ri	l emark	s			-6	рН Flov	v	_ Temp _ _ Other _		COC Seal COC Sigr Bottles Correct	ample Receipt Cl Present/Intact med/Accurate: arrive intact: bottles used:	hecklist : _NP _Y _T
DW - Drinking Water OT - Other	'ater   Samples returned via:   Tracking #     UPS   FedEx   Courier		acking #	1						0	Sufficie VOA Zero	ent volume sent: <u>If Applicab</u> Headspace:			
Relinquished by : (Signature)	(Signature) Date: Time: Received by: (Sign Child B 21 1500 (Signature) Date: Time: Received by: (Sign Time: Received by: (Sign				ceived by: (Signat	ture)			Trip Bla	nk Rece	ived: Yes HC TBI	No L/MeoH	Preserva RAD Scre	ation Correct/Ch een <0.5 mR/hr:	ecked:
Relinquished by : (Signature)					ture)			Temp:	·	C Bottles	Received:	If preserve	ation required by Lo	gin: Date/Time	
Relinquished by : (Signature)	r : (Signature) Date: Time: Received for lab			ceived for lab by:	(Signati	ure)		Date: Time:			Hold: Condition: NCF / OK				

6300 4297 7031 6300 4300 4830 6300 4300 5710b Numbers Tracking 6300 4300 5652 2,2+.1=2.3 PKAB 1.9+.1=2.0DKA3 Temperature 1. OTO=1.ONSAZ .7+1=1.8 DK #3 LIH33493

SITE NAME:	ISE	S			S		555	SP	ointf	Feron	yRd	1
WELL NO:	RP-1			SAMPLE	ID: RP	2.1				DATE:	117/21	
					PURC	<b>GING DA</b>	TA				1 1	
WELL DIAMETEF	R (inches):		G TER (inches):		WATER (feet):	38.7	STA TO V	TIC DEF	(feet): 29	- <b>J</b> P	URGE PUMP T R BAILER:	YPE BP
WELL VOL (only fill out	t if applicable)	1 WELL VO	LUME = (TOT = (	AL WELL DEP	TH – STA	TIC DEPTH 7	O WATER)	) X V	VELL CAPACI	TY callons/	foot =	gallogs
EQUIPMEN (only fill out	NT VOLUME P t if applicable)	URGE: 1 EQU	JIPMENT VOL	= PUMP VOL	UME + (TUE	BING CAPACI	TY X	TUB	ING LENGTH)	+ FLOW (	CELL VOLUME	galiona
			Lum	= ga	allons + (	gallo	ons/foot X		feet)	+	gallons	= gallons
PUMP OR	rubing dept	cated	DEPTH:	feet to	feet		G AT: 75	58	PURGING ENDED AT:	828	BURGED (	LUME gallons):
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND (circle uni µmhos/c or µS/cr	its) m	OXYGEN (circle units) mg/L or % saturation	Redox (mV)	Turbidity (NTU)	/ COLOR / ODOR (describe)
808	3	em,		29.1	6.26	16.91	0.35	8	2.42	258	\$ 0.5	none
811	- 30	omin	nin	29.2	10.41	11.80	0.35	9	245	248	0.4	
814	-			29.2	6.50	16.86	0.30	0	2.32	232	20	
217			_	29.2	6.55	16.84	0.34	0	1.39	22	FO	V
320				29.2	6.60	16.84	0.36	002	2.37	227	10	0
			-			-					_	
			Í									
						$\square$						
NELL CAP	SIDE DIA. CA	s Per Foot): ( PACITY (Gal./	0.75" = 0.02; Ft.): 1/8" = 0.1	1" = 0.04; 0006; 3/16"	1.25" = 0.0 = 0.0014; /	6; 2" = 0.1 1/4" = 0.002	6; 3" = 0 6; 5/16"	.37; * = 0.00	4" = 0.65; 4 4; 3/8" = 0.	5" = 1.02; 006; 1	6" = 1.47; /2" = 0.010;	12" = 5.88 5/8" = 0.016
VIRGING		ODES: B	= Bailer;	BP = Bladder P	Pump; E	SP = Electric	Submersibl	e Pump	; PP = Pe	ristaltic Pu	imp; O = O	ther (Specify)
SAMPLED			<u> </u>		SAMP							
DMB	WWG	FFILIATION		SAMPLER(S)	SIGNATUR	=(5):			SAMPLING	:82		IG 828
YUMP OR T	TUBING WELL (feet)	edicat	ed	TUBING MATERIAL CO	DDE:		FI	IELD-FII	LTERED: Y Equipment Typ	N	FILTER S	IZE:μm
IELD DEC	ONTAMINATIO	DN: PUM	IP Y N	)	TUBING	Y N (re	placed)		DUPLICATE:	Y	N	
SAMP	LE CONTAINE	R SPECIFICA		SAMPLE	PRESERVA	TION (includi	ng wet ice)				SAMPLING	SAMPLE PUMP
D CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATI USED		TOTAL VOL D IN FIELD (r	nL) Final	pH/	METHO		CODE	(mL per minute
	2	HDPE	250	-		250	6.6	10	Coc	1	BP	
	2	- V	250		_ 2	LSÒ			Coc	2		
EMARKS:	50	imple	da	r coc	1/00	120						
IATERIAL	CODES:	AG = Amber ( S = Silicone:	Glass; CG = T = Teflon:	Clear Glass; O = Other (S	HDPE = H	High Density P	olyethylene	e; LC	OPE = Low Der	nsity Polye	thylene; PP	= Polypropylene;
		20050	DD - After (Th		Min Dumm	P - Doiler	00.0	laddar	Bump: ES	D – Electri		
AMPLING	EQUIPMENT	CODES: A	APP = After (Ir	rougn) Pensia	nic Pump;	D - Daller,	BP = C	Jiauuer	Tump, Ea		ic Submersible I	-ump;

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

Took Rule 22 Field Blanks@ 845 2

	121	ES	1-1				555	Pant	tec	NYR	
WELL NO:	KP-L	/mw	-1+	SAMPLE		CINC DA	<u>1W-17</u>		DATE:	117171	21
WELL	0	TUBING	)	TOTAL	WATER	22 11	STATIC C	EPTH 11	TrP	URGE PUMP T	YPE
DIAMETER	R (inches): 2	DIAMET	ER (inches):	UEPTH	(feet):	22.4		ER (feet):	+50	R BAILER:	BP
(only fill out	t if applicable)	1 WELL VOL	UME = (101)	AL WELL DEF	- SI	ATIC DEPTH	IOWATER) X	WELL CAPAC	11 Y		
		URGE: 1 EQU	= ( IPMENT VOL.	. = PUMP VOL	teet - LUME + (TU	JBING CAPAC	Teet) X	JBING LENGTH	gallons/ ) + FLOW (	CELL VOLUME	gallo
(only fill out	t if applicable)			= g	allons + (	gallo	ons/foot X	feet	) +	gallons	= gallo
PUMP OR IN WELL (fe		fated	WELL SCR DEPTH:	EEN INTERV	AL feet	PURGIN	NG AT:830	PURGING ENDED AT:	900	) TOTAL VOI PURGED (	LUME gallons):
TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standaro units)	TEMP. (°C)	COND (circle units) μmhos/cm <u>or</u> ⊸μ <del>8/</del> cm	DISSOLVED OXYGEN (circle units) mg/L, or % saturation	Redox (mV)	Turbidity (NTU)	COLOR ODOR (describ
840		3CPM	l 👘	27.8	6.80	0 16.67	0.368	1.91	219	0.1	non
843		-300W	1/min	27.8	4.80	16.63	0.36le	1.91	218	0	
846				27.8	6.81	16.65	0.365	1.90	219	0	V
											_
					<u> </u>	_					
										_	
									-		
						_					
						-					
										_	
WELL CAP	ACITY (Gallon	s Per Foot): 0.	. <b>75</b> " = 0.02;	1'' = 0.04;	1.25" = 0	06; (2" = 0.1	16; <b>3</b> " = 0.37;	4" = 0.65;	<b>5</b> " = 1.02;	<b>6</b> " = 1.47;	12" = 5.88
WELL CAP TUBING IN	PACITY (Gallon SIDE DIA, CAR	s Per Foot): 0 PACITY (Gal./F	.75" = 0.02; (t.): 1/8" = 0.0	1" = 0.04; 0006; 3/16"	1.25" = 0. " = 0.0014;	06: (2" = 0.1 (1/4" = 0.002	16; 3" = 0.37; 26; 5/16" = 0.	4" = 0.65; 004; 3/8" = 0	5" = 1.02; 0.006; 1	6" = 1.47; /2" = 0.010; /2" = 0.010;	12" = 5.88 5/8" = 0.016
WELL CAP TUBING IN PURGING I	PACITY (Gallon ISIDE DIA, CAR EQUIPMENT C	s Per Foot): 0 PACITY (Gal./F CODES: B	.75" = 0.02; t.): 1/8" = 0.0 = Bailer; (1	1" = 0.04; 0006; 3/16" 3P = Bladder F	1.25" = 0. " = 0.0014; Pump; SAM	06: (2" = 0.1 (1/4" = 0.002 ESP = Electric PLING D	16; 3" = 0.37; 26; 5/16" = 0. : Submersible Pur	<b>4" = 0.65;</b> 004; <b>3/8" = (</b> mp; <b>PP =</b> P	5" = 1.02; 0.006; 1 eristallic Pu	<b>6</b> " = 1.47; /2" = 0.010; imp; <b>O</b> = C	12" = 5.88 5/8" = 0.016 Other (Specify)
WELL CAP TUBING IN PURGING I SAMPLED I	PACITY (Gallon SIDE DIA. CAR EQUIPMENT C BY (PRINT) / A	s Per Foot): 0 PACITY (Gal./F ODES: B FFILIATION:	.75" = 0.02; (t.): 1/8" = 0.0 = Bailer; (t	1" = 0.04; 0006; 3/16" 3P - Bladder F SAMPLER(S)	1.25" = 0. " = 0.0014; Pump; SAMI	06: (2" = 0.1 1/4" = 0.002 ESP = Electric PLING DA RE(S):	16; 3" = 0.37; 26; 5/16" = 0. : Submersible Pur ATA	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A	$5^{"} = 1.02;$ 0.006; 1 eristaltic Pu T: 850	6" = 1.47; /2" = 0.010; imp; O = C SAMPLIN ENDED A	12" = 5.88 5/8" = 0.016 Other (Specify)
WELL CAP TUBING IN PURGING I SAMPLED I DUMP OR T DEPTH IN	PACITY (Gallon SIDE DIA. CAR EQUIPMENT C BY (PRINT) / A B / WL TUBING WELL (feet); (d	s Per Foot): 0 PACITY (Gal/F ODES: B FFILIATION: FG LACICAN	.75" = 0.02; t.): 1/8" = 0.0 = Bailer; (E	1" = 0.04; 0006; 3/16" 3P - Bladder F SAMPLER(S) TUBING MATERIAL C	1.25" = 0. " = 0.0014; Pump; SAMI ) SIGNATUI	06; (2" = 0.1 1/4" = 0.002 ESP = Electric PLING DA RE(S):	16; 3" = 0.37; 26; 5/16" = 0. : Submersible Pur ATA FIELD Filtratic	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A -FILTERED: Y on Equipment Ty	5" = 1,02; 0.006; 1 eristaltic Pu T: 850 N ppe:	6" = 1.47; /2" = 0.010; imp; O = C SAMPLIN ENDED / FILTER S	12" = 5.88 5/8" = 0.016 Other (Specify) NG 900 AT: 900
WELL CAP TUBING IN PURGING I SAMPLED I DUMP OR T DEPTH IN V FIELD DEC	ACITY (Gallon SIDE DIA, CAR EQUIPMENT C BY (PRINT) / A B/UU- TUBING WELL (feet): CONTAMINATIC	s Per Foot): 0 PACITY (Gal /F CODES: B FFILIATION: FG LAICAT DN: PUMF	75" = 0.02; t.): 1/8" = 0.0 = Bailer; /E	1" = 0.04; 0006; 3/16" 3P = Bladder F SAMPLER(S) TUBING MATERIAL C	1.25" = 0. " = 0.0014; Pump; SAMI ) SIGNATUI ODE: TUBING	06; (2" = 0.1 1/4" = 0.002 ESP = Electric PLING DA RE(S): Y N (m	16; 3" = 0.37; 26; 5/16" = 0. 28: Submersible Pur ATA FIELD Filtration eplaced)	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A -FILTERED: Y on Equipment Ty DUPLICATE:	5" = 1.02; 0.006; 1 eristaltic Pu T:850 T:850 N re: Y	6" = 1.47; /2" = 0.010; imp; O = C SAMPLIN ENDED / FILTER S	12" = 5.88 5/8" = 0.016 bther (Specify) NG 900 SIZE:μn
WELL CAP TUBING IN PURGING I SAMPLED I DEPTH IN FIELD DEC SAMP	PACITY (Gallon SIDE DIA. CAR EQUIPMENT C BY (PRINT) / A BY (PRINT)	s Per Foot): 0 PACITY (Gal./F CODES: B FFILIATION: FG LLLICAT DN: PUMF R SPECIFICA	.75" = 0.02; t.): 1/8" = 0.0 = Bailer; (E t.c. (L P Y (N TION	1" = 0.04; 0006; 3/16" 3P - Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE	1.25" = 0, " = 0.0014; Pump; SAMI ) SIGNATUI ODE: TUBING E PRESERV	06; 2" = 0.1 1/4" = 0.002 ESP = Electric PLING DA RE(S): Y N (n /ATION (includ	16; 3" = 0.37; 26; 5/16" = 0. 26; 5/16" = 0. 27: Submersible Put ATA FIELD Filtratic eplaced) ting wet ice)	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A FILTERED: Y on Equipment Ty DUPLICATE: INTEND	5" = 1.02; 0.006; 1 eristaltic Pu T:850 T:850 Ppe: Y	6" = 1.47; /2" = 0.010; imp; O = C SAMPLIN FILTER S N SAMPLING FOUNDED /	12" = 5.88 5/8" = 0.016 Other (Specify) NG 900 SIZE:µr
WELL CAP TUBING IN PURGING I SAMPLED I DEPTH IN V FIELD DEC SAMP SAMPLE ID CODE	ACITY (Gallon SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT)	s Per Foot): 0 PACITY (Gal/F CODES: B FFILIATION: HG MATERIAL CODE CODE	75" = 0.02; (t.): 1/8" = 0.0 = Bailer, (t Bailer, (t P Y (N TION VOLUME	1" = 0.04; 0006; 3/16" 3P Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0. " = 0.0014; Pump; SAMI ) SIGNATUI ODE: TUBING E PRESER\ TVE	06: (2" = 0.1 1/4" = 0.002 ESP = Electric PLING DA RE(S): Y N (n /ATION (includ TOTAL VOL ED IN FIELD (	16; 3" = 0.37;         26; 5/16" = 0.         : Submersible Put         ATA         FIELD         Filenced)         ting wet ice)         (mt)	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A -FILTERED: Y on Equipment Ty DUPLICATE: ANALYSIS A METHO	5" = 1.02; 5.0006; 1 eristaltic Pu T: 850 T: 850 T: 850 T: 850 Pe T: 850 T: 850 T: 850 Pe T: 850 Po Po Po Po Po Po Po Po Po Po	6" = 1.47; /2" = 0.010; Imp; O = C SAMPLIN FILTER S N SAMPLING EQUIPMENT CODE	12" = 5.88 5/8" = 0.016 Other (Specify) NG 900 ΔΤ: 900 SIZE:μr SAMPLE PU FLOW RAT (mL per mini
WELL CAP TUBING IN PURGING I SAMPLED I DEPTH IN V FIELD DEC SAMPLE ID CODE	ACITY (Gallon SIDE DIA, CAR EQUIPMENT C BY (PRINT) / A B/U/ TUBING WELL (feet): CONTAMINATIC PLE CONTAINERS	s Per Foot): 0 PACITY (Gal /F CODES: B FFILIATION: FG ACI COM DN: PUMF R SPECIFICAT MATERIAL CODE	75" = 0.02; (1): 1/8" = 0.0 = Bailer; (E t c (L) P Y (N TION VOLUME 7 S (C)	1" = 0.04; 0006; 3/16" 3P = Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0. " = 0.0014; Pump; SAMI ) SIGNATUI ODE: TUBING E PRESERV IVE ADD	06; (2" = 0.1 (1/4" = 0.002 ESP = Electric PLING DA RE(S): Y N(r (ATION (includ TOTAL VOL DED IN FIELD (	16;       3" = 0.37;         26;       5/16" = 0.         : Submersible Put         ATA         FIELD         Filtratic         eplaced)         ting wet ice)         Final QH/         Temp         (nL)         Final QH/	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A -FILTERED: Y on Equipment Ty DUPLICATE: INTEND ANALYSIS A METHO	5" = 1.02; 0.006; 1 eristaltic Pu T: 850 T: 850 T	6" = 1.47; 12" = 0.010; Imp; O = C SAMPLINE ENDED A FILTER S N SAMPLING EQUIPMENT CODE	12" = 5.88 5/8" = 0.016 2ther (Specify) NG 900 SIZE:µr SAMPLE PU FLOW RAT (mL per mini
WELL CAP TUBING IN PURGING I SAMPLED I DEPTH IN V FIELD DEC SAMPLE ID CODE RP 2	ACITY (Gallon SIDE DIA, CAR EQUIPMENT C BY (PRINT) / A B / WH TUBING WELL (feet): d PLE CONTAINETS 2 2	s Per Foot): 0 PACITY (Gal /F CODES: B FFILIATION: FG Adicat DN: PUMF R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; t.): 1/8" = 0.0 = Bailer; (E Bailer; (E P Y N TION VOLUME 2SO 2SO	1" = 0.04; 0006; 3/16" 3P - Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0. " = 0.0014; Pump; SAMI ) SIGNATUI ODE: TUBING E PRESERV IVE ADD 2	06; 21" = 0.1 1/4" = 0.002 ESP = Electric PLING D/ RE(S): Y N (n /ATION (includ TOTAL VOL ED IN FIELD ( SO SO	16;       3" = 0.37;         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         Submersible Put       ATA         FIELD       Filtratic         eplaced)       Filtratic         ing wet ice)       Final QH/         Temp       Q.         Q.       S	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A FILTERED: Y on Equipment Ty DUPLICATE: ANALYSIS A METHO ANALYSIS A METHO	5" = 1.02; 0.006; 1 eristaltic Pu T:850 T:850 ND/OR DD T. 2	6" = 1.47; /2" = 0.010; Imp; O = C SAMPLIN FILTER S N SAMPLING EQUIPMENT CODE	12" = 5.88 5/8" = 0.016 Other (Specify) NG 900 NG 7000 SIZE:µr SAMPLE PU FLOW RAT (mL per mini
WELL CAP TUBING IN PURGING I DURGING I DURDOR DEPTH IN V FIELD DEC SAMP ID CODE KP. 2	ACITY (Gallon SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT)	s Per Foot): 0 PACITY (Gal /F CODES: B FFILIATION: HG DN: PUMF CODE R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; t.): 1/8" = 0.1 = Bailer; (E bailer; (E t.c.l. p Y (N TION VOLUME 2.S.O	1" = 0.04; 0006; 3/16" 3P Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0. " = 0.0014; Pump; SAMI SIGNATUR ODE: TUBING E PRESERV IVE ADD 2	06, 2" = 0.1 1/4" = 0.00 ESP = Electric PLING DA RE(S): Y (N (n ATION (includ TOTAL VOL DED IN FIELD ( SO SO	16;       3" = 0.37;         26;       5/16" = 0.         : Submersible Pur         ATA         FIELD         Filtration         eplaced)         (mL)         Final QHI/ Temp         Q. S.	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A FILTERED: Y DUPLICATE: NTEND ANALYSIS A METHO COCC	5" = 1.02; 0.006; 1 eristaltic Pu T:850 T:850 ND/OR DD Z	6" = 1.47; /2" = 0.010; imp; O = C SAMPLINE FILTER S N SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 Other (Specify) NG 900 SIZE:μr SAMPLE PU FLOW RAT (mL per min
WELL CAP TUBING IN PURGING I SAMPLED I DEPTH IN V FIELD DEC SAMPLE ID CODE CP: 2	ACITY (Gallon SIDE DIA, CAR EQUIPMENT C BY (PRINT) / A B/WH TUBING WELL (feet): CONTAMINATION PLE CONTAINERS CONTAINERS 2 2	s Per Foot): 0 PACITY (Gal/F CODES: B FFILIATION: FG ACICCAT DN: PUMF R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; (1): 1/8" = 0.0 = Bailer; (E = Bailer; (E = Bailer; (E = Bailer; (E = D = 0.02; = 0.02; = 0.02; = 0.02; = 0.02; (E = 0.02; (E = 0.02; (E = 0.02; (E) = 0.02; (E) (E) (E) (E) (	1" = 0.04; 0006; 3/16' 3P = Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0. 1.25" = 0. 1.25" = 0.0014; Pump; SAMI SAMI ODE: TUBING E PRESERV IVE ADE 10 10 10 10 10 10 10 10 10 10	06; (2" = 0.1 (14" = 0.002 ESP = Electric PLING DA RE(S): Y N(n /ATION (includ TOTAL VOL DED IN FIELD ( SO SO	16;       3" = 0.37;         26;       5/16" = 0.         : Submersible Put         ATA         FIELD         FIELD         Filtratic         eplaced)         ting wet ice)         (mL)         Final QH/ Temp         (e	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A -FILTERED: Y on Equipment Ty DUPLICATE: INTEND ANALYSIS A METHO COCCI	5" = 1.02; 0.006; 1 eristaltic Pu T: 8 S ( ype: Y Y ED ND/OR DD Z -	6" = 1.47; /2" = 0.010; Imp; O = C SAMPLINE ENDED / FILTER S N SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 2ther (Specify) NG 900 SIZE:µr SAMPLE PU FLOW RAT (mL per mini
WELL CAP TUBING IN PURGING I SAMPLED I DEPTH IN N FIELD DEC SAMPLE ID CODE & P 2 V - 17	ACITY (Gallon SIDE DIA, CAR EQUIPMENT C BY (PRINT) / A B / WH TUBING WELL (feet): d WELL (feet): d PLE CONTAINERS 2 2 2	s Per Foot): 0 PACITY (Gal /F ODES: B FFILIATION: HG Addi Code DN: PUMF R SPECIFICA MATERIAL CODE HDPE	75" = 0.02; (1): 1/8" = 0.0 = Bailer; (E Bailer; (E P Y (N TION VOLUME 250 250 250 250	1" = 0.04; 0006; 3/16" 3P - Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0, " = 0.0014; Pump: SAMI SIGNATUI ODE: TUBING E PRESERV IVE ADD 2 2 2 2 2 2 2 2 2 2 2 2 2	06; (2)" = 0.1 1/4" = 0.002 ESP = Electric PLING D/ RE(S): Y N (n /ATION (includ TOTAL VOL DED IN FIELD ( SO SO SO SO	16;       3" = 0.37;         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         Submersible Put       ATA         FIELD       Filtratic         eplaced)       Ing wet ice)         (mL)       Temp         (e - B)       Ing wet ice)	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A FILTERED: Y on Equipment Ty DUPLICATE: ANALYSIS A METHO COCCI COCCI	5" = 1.02; 0.006; 1 eristaltic Pu T: 850 T: 850 ype: Y PED NND/OR DD T.	6" = 1.47; /2" = 0.010; Imp; O = C SAMPLIN FILTER S N SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 Ther (Specify) NG 900 SIZE:μr
WELL CAP TUBING IN PURGING I SAMPLED I DEPTH IN V FIELD DEC SAMPLE ID CODE RP 2 W - 17 REMARKS:	ACITY (Gallon SIDE DIA, CAR EQUIPMENT C BY (PRINT) / A B/WH TUBING WELL (feet): CONTAMINATION PLE CONTAINERS 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	s Per Foot): 0 PACITY (Gal /F ODES: B: FFILIATION: FG ACLICAT DN: PUMF R SPECIFICA MATERIAL CODE HDPE	75" = 0.02; 1,18" = 0.0 = Bailer; (E HCC P Y (N TION VOLUME 250 250 250 250 CCR	1" = 0.04; 0006; 3/16" 3P - Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0. " = 0.0014; Pump; SAMI SAMI ODE: TUBING E PRESERV IVE ADD 2 2 2 2 2 2 2 2 2 2 2 2 2	06: (2" = 0.1 14" = 0.00 ESP = Electric PLING D/ RE(S): Y N (n /ATION (includ TOTAL VOL ED IN FIELD ( SO SO For	16;       3" = 0.37;         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         27:       5/16" = 0.         28:       Submersible Put         ATA       FIELD         Filtratic       Filtratic         eplaced)       Final QH/         Imp       (e	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A FILTERED: Y DUPLICATE: ANALYSIS A METHO COCC COCC COCC COCC	5" = 1.02; 0.006; 1 eristaltic Pu T:850 T:850 ND/OR DD T 2 - - - - - - - - - - - - -	6" = 1.47; /2" = 0.010; Imp; O = C SAMPLIN FILTER S N SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 Other (Specify) NG 900 SIZE: µг SAMPLE PL FLOW RA (mL per min
WELL CAP TUBING IN PURGING I SAMPLED DUMP OR T DEPTH IN FIELD DEC SAMPLE ID CODE REMARKS:	ACITY (Gallon SIDE DIA, CAR EQUIPMENT C BY (PRINT) / A B' UL TUBING WELL (feet): d CONTAMINATIC PLE CONTAINERS 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	s Per Foot): 0 PACITY (Gal /F :ODES: B : FFILIATION: HG :R SPECIFICA MATERIAL CODE HDPE HDPE AG = Amber C S = Silicone:	75" = 0.02; t.): 1/8" = 0.0 = Bailer; (E tc Q P Y (N TION VOLUME 2SO 2SO 2SO 2SO CCR Elass; CG = T = Teflor:	1" = 0.04; 0006; 3/16" 3P - Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED COCL/ Clear Glass; 0 = Other/	1.25" = 0, " = 0.0014; Pump; SAMI SIGNATUI ODE: TUBING PRESERV IVE ADD 2 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4	06: (2" = 0.1 1/4" = 0.00 ESP = Electric PLING DA RE(S): Y N (m /ATION (includ TOTAL VOL DED IN FIELD ( SO SO For High Density F	I6;       3" = 0.37;         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         26;       5/16" = 0.         Submersible Put       ATA         FIELD       Filtratic         eplaced)       Final QH/         Img wet ice)       (d. 9)         (mL)       Temp         (d. 9)       (d. 9)         (d. 9)       (d. 9)	4" = 0.65; 004; 3/8" = 0 mp; PP = P SAMPLING INITIATED A FILTERED: Y DUPLICATE: DUPLICATE: ANALYSIS A METHO COCCI COCCI COCCI COCCI COCCI COCCI COCCI COCCI COCCI COCCI COCCI COCCI COCCI COCCI	5" = 1.02; 0.006; 1 eristaltic Pu T: 850 T: 850 Ppe: Y ED ND/OR D Z 2 	6" = 1.47; /2" = 0.010; Imp; O = C SAMPLIN FILTER S N SAMPLING EQUIPMENT CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE BP CODE COD	12" = 5.88 5/8" = 0.016 Other (Specify) NG 900 NG 700 NG 700 NG 700 NG 700 NG 700 NG 700 NG 700 NG 700 NG 700 NG 700 P = Polypropyle

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

SITE	150	:5			s	ITE	555	5 F	Point	TOTA:	Rd	1
NAME:	· DP	2		SAMPLE	n 12r	$\frac{OCATION}{2}$			Civia	DATE	11/17/	-71
		)					ТА				<u>u i fi</u>	21
WELL	0	TUBING		TOTAL W	ATER /2		STA	TIC DI	EPTH 16	PU	RGE PUMP T	YPE
DIAMETE	R (inches):		ER (inches):	DEPTH (f	eet):	JJH TO DEDTU		NATE	R (feet):		BAILER:	BP
(only fill ou	ut if applicable)	1 WELL VOL	UME = (101.	AL WELL DEPT	п – SIA	ATIC DEPTH	IU WATER	, ,	WELL CAPACI	1 ¥		
EQUIPME	NT VOLUME P	URGE: 1 EQUI	= ( PMENT VOL	. = PUMP VOLU	ieet – JME + (TUI	BING CAPAC	ITY X	) X TU	BING LENGTH)	+ FLOW C	ELL VOLUME	gallons
(only fill ou	ut if applicable)			= gai	lons + (	galle	ons/foot X		feet)	+	gallons	= gallons
PUMP OF	TUBING DEPT	Harbor	WELL SCR	EEN INTERVA	L	PURGIN	NG QI	16	PURGING	230	TOTAL VO	LUME
IN WELL (	(reet): UM		DEPTH:		teet				DISSOLVED	100	PURGED (	galions):
TIME	VOLUME PURGED (gallons)	VOLUME PURGED (gallons)	PURGE RATE (gpm)	TO WATER (feet)	pH (standard units)	TEMP. (°C)	(circle un μmhos/c or_μ <del>8</del> /c	iits) cm m	OXYGEN (circle units) (mg/L or % saturation	Redox (mV)	Turbidit (NTU)	y ODOR (describe)
915		30Pm		25.1	le.98	16.70	0.319	3	1.98	2.2.2	0	none
918		300 ml	min	25.1	696	16.66	0.319	1	1.97	223	0	
921				15.1	696	16.67	0.318	5	1.95	111	0	
								_			_	
	-							-			-	- V-
								+				
											1	
WELL 04		- Des Fastilie 6	7511 - 0.00	41 - 0.04	4 254 - 0.0				411 0.05		011 4 47	491 5.00
TUBING I	NSIDE DIA, CA	PACITY (Gal /Fi	/5" = 0.02; ): 1/8" = 0.0	1" = 0.04; 0006; <b>3/16"</b> =	= 0.0014;	1/4" = 0.002	26; <b>5/16</b>	" = 0.0	4" = 0.65 004; 3/8" = 0	.006; 1/2	e" = 0.010;	5/8" = 0.016
PURGING	EQUIPMENT (	ODES: B =	Bailer;	BP = Bladder Pu	mp; E	SP = Electric	Submersib	le Pur	np; <b>PP</b> = Pe	eristaltic Pur	np; <b>O</b> = C	ther (Specify)
SAMPLED	BY (PRINT) / A	FFILIATION:	Ĩ	SAMPLER(S) S	SIGNATUR	E(S):			SAMPLING	a77	SAMPLIN	
Dh	nB/Wt	tG					115		INITIATED AT	166	ENDED	ат: <u>930</u>
PUMP OR DEPTH IN	WELL (feet):	ledica	ted	TUBING MATERIAL CO	DE:		F	IELD-I	FILTERED: Y n Equipment Typ	De: N	FILTER S	SIZE:µm
FIELD DE	CONTAMINATIO	DN: PUMF	YN	)	TUBING	Y ( N (n	eplaced)		DUPLICATE:	Y	N	
SAM	PLE CONTAINE	ER SPECIFICAT		SAMPLE F	PRESERV	ATION (includ	ling wet ice)					SAMPLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIN USED	ADDE	TOTAL VOL ED IN FIELD (	mL) Fina	mp	METHO	D	CODE	(mL per minute)
	2	HDPE '	250			250	6.0	16	COC	1	BP	
	2	+	150			250			COC	2	X	
000	2		700		-	7000			PARY	1		
KUP	1		150			120			COC	2		
UVE	ΓL	A	650	+	_	170				6	V	1
REMARKS	S: <	ample	d CC	RCOC	1/0	202 8	4 Du	pl	icate	,		
MATERIA	L CODES:	AG = Amber G S = Silicone;	lass; CG = T = Teflon;	Clear Glass; O = Other (Sp	HDPE =	High Density I	Polyethylen	e; I	LDPE = Low De	nsity Polyet	nylene; PF	e Polypropylene;
SAMPLIN	G EQUIPMENT	CODES: AF	PP ≈ After (Th PP = Reverse	rough) Peristalt e Flow Peristalti	ic Pump; c Pump;	B = Bailer SM = Straw	BP =)	Bladde ubing (	er Pump; ES Gravity Drain):	<b>O</b> = Othe	Submersible r (Specify)	Pump;
OTES: 1.	The above	do not consti	tute all of th	he informatio	n require	ed by			,			

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

SITE NAME:	ISES	5			SIT LO		555	51	Point	Fen	yRd	
WELL NO:	RP.4	(		SAMPLE	ID: RP	-4					11712	
					PURG	ING DA	TA	38.	4 = Tot	al	Depth	
WELL DIAMETER	R (inches):	TUBING DIAMET	ER (inches):	WEL DEP	L SCREEN I TH: fee	NTERVAL et to f	eet TC	TATIC DE	R (feet): 31.1		IRGE PUMP T' R BAILER:	YPE BIP
(only fill ou	LUME PURGE: t if applicable)	1 WELL VOL	ume ≠ (tot = (	AL WELL DEP	feet –		O WATE fe	et) X	WELL CAPACI	gallons/fe	pot =	gallons
equipme (only fill ou	NT VOLUME PI t if applicable)	URGE: 1 EQUI	PMENT VOL	= PUMP VOL	UME + (TUB		TY X	с ти ,	BING LENGTH)	+ FLOW C		- 03//028
INITIAL PL DEPTH IN	JMP OR TUBIN WELL (feet):	edicated	FINAL PUI	MP OR TUBING	3	PURGIN	IG ED AT:	025	PURGING ENDED AT:	1058	TOTAL VOI PURGED (g	LUME gallons):
TIME	VOLUME PURGED (gallons)	CUMUL, VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	CON (circle µmhos <u>or</u> -µ€	ND. units) s/cm ≨/cm	DISSOLVED OXYGEN (circle units) (mg/L or % saturation	Redox (mV)	COLOR (describe NTU	) COLOVY ODOR (describe)
1035	3(	PM		31.4	7.10	18.27-	0.70	8	0	199	25	none
1038	1	m/mi	n	315	7.04	18.25	6.6	815	0	201	1.5	
041				31.5	702	8.20	0.6	60	_0	201	0-1-	V
1044				31.9	+03	10.25	0.0	+9		200	0.4	
1047				31.4	102	18.00	0.0	78	0	201	0:3	
								-			_	
											_	
				-				-			_	-
						1.528		-				_
WELL CA	PACITY (Gallon	I Is Per Foot): 0	<b>.75"</b> = 0.02;	1'' = 0.04;	1.25" = 0.06	2 = 0.1	6; 3"	= 0,37;	4" = 0.65;	<b>5</b> " = 1.02;	<b>6"</b> = 1.47;	12" = 5,88
TUBING IN	SIDE DIA. CA	PACITY (Gal./F	t.): 1/8" = 0	.0006; 3/16"	= 0.0014;	1/4" = 0.002	26; 5/	16" = 0.0	04; 3/8" = 0	.006; 1/	<b>2"</b> = 0.010; mo: <b>0</b> = 0	5/8" = 0.016
PORGING	EQUIPMENT	JOUES: B	- baller,	BF - Bladdel F	SAMP	LING D		SIDIE Full	<u>ир, гг - ге</u>		inp; 0-0	(opecity)
SAMPLED	BY (PRINT) /A	FFILIATION:		SAMPLER(S)	SIGNATURE	E(S):			SAMPLING INITIATED AT	104	3 SAMPLIN ENDED A	IG AT: 1058
		ledicat	rd					FIELD-I	FILTERED: Y	N	FILTER S	ilZE:μm
FIELD DE		ON: PUM	PY	NATERIAL O	TUBING	YNO	eplaced)	Intratio	DUPLICATE:	Y		
SAM	PLE CONTAINE	ER SPECIFICA	TION	SAMPLE	PRESERVA	TION (includ	ing wet id	ce)	INTEND	ED	SAMPLING	SAMPLE PUMP
SAMPLE	# CONTAINERS	MATERIAL	VOLUME	PRESERVAT			mL) 📑	urbi <del>di</del> tÿ	ANALYSIS A METHC	ND/OR	EQUIPMENT CODE	FLOW RATE (mL per minute)
ID CODE	L	HDPE	750	0010	2	SO	1	1. 177	COC	1	BP	
	2	1	150		20	50		1-2-6	COC	2	d'	
REMARKS	<b>B</b> :	Sam	pled	CCR	COCI		2					
MATERIA	L CODES:	AG = Amber (	Glass; CG	= Clear Glass;	HDPE	ligh Density	Polyethyl	ene;	LDPE = Low De	nsity Polye	thylene; PP	= Polypropylene;
SAMPLIN		S = Silicone; CODES: A	I = l'eflon; PP = After (1	U = Other (S	ltic Pump:	B = Bailer	BP	Bladde	erPump: Es	SP = Electri	c Submersible	Pump;
		R	FPP = Rever	se Flow Perista	Itic Pump;	SM = Straw	Method	(Tubing (	Gravity Drain);	O = Oth	er (Specify)	
OTES: 1	. The above	do not const	titute all of	the informati	ion require	d by						

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

SITE NAME:	ISES				SIT		355	51	Point 1	Fem	1Rd	
WELL NO:	RP-9	5		SAMPLE	ID: RP	-5					11712	1
					PURG	ING DA	TA 1	otal	2 Depth	- 38.	6	
WELL DIAMETER	(inches):	TUBING DIAMET	: ER (inches):	WEL DEP	L SCREEN I TH: fe	NTERVAL et to f	eet T	TATIC DI D WATEI	EPTH R (feet): 32		RGE PUMP TY BAILER:	BP
WELL VOL	UME PURGE: if applicable)	1 WELL VOL	UME = (TOT	AL WELL DEP	TH - STA	TIC DEPTH T	O WATE	ER) X	WELL CAPACI	ΤY		
EQUIPMEN	IT VOLUME PU	RGE: 1 EQU	= ( IPMENT VOL	. = PUMP VOLU	feet JME + (TUB	ING CAPACI	fe TY >	eet) X ( TU	IBING LENGTH)	gallons/fo + FLOW CI	ELL VOLUME	gallons
(only fill out	if applicable)			= ga	llons + (	gallo	ons/foot )	<	feet)	+	gallons	= gallons
INITIAL PUI DEPTH IN V	MP OR TUBING	alicat	EINAL PUN	VP OR TUBING WELL (feet):		PURGIN	IG ED AT:	218	PURGING ENDED AT:	242	TOTAL VOL PURGED (g	UME allons):
TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COI (circle µmho <u>or</u> µ	ND. units) s/cm 5/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	Redox (mV)	COLOR (describe	) (describe)
1225	- 30	PM		32.9	7.46	18.62	0.8	31	1.18	205	Q	none
118		mymi	r v	32.9	7.42	18.67	0.8	29	1.12	206	0	
231				32.9	7-43	18.6+	0.8	1+	1.04	205	0	
234			-		1.40	18.70	0.8	20	0.98	204	0	V
											-	
			-									
					1							
WELL CAP	ACITY (Gallon	s Per Foot): 0	75'' = 0.02;	1" = 0.04; 0006: 3/16"	1.25" = 0.0 = 0.0014	6: 2" = 0.1 1/4" = 0.002	6; <b>3</b> "	= 0.37; 16" = 0.0	4" = 0.65; 004: 3/8" = 0	5" = 1.02; .006: 1/2	6" = 1.47; 2" = 0.010;	12" = 5.88 5/8" = 0.016
PURGING I	EQUIPMENT C	ODES: B	= Bailer, /	BP = Bladder P	ump; E	SP = Electric	Submer	sible Pur	mp; PP = Pe	eristaltic Pur	mp; <b>O</b> = O	ther (Specify)
				/	SAMP	LING D	ATA		1		-1:	
SAMPLED	MB/U	HG		SAMPLER(S)	SIGNATURI	E(S):			SAMPLING	T: 1235	SAMPLIN ENDED A	IG 1242
PUMP OR		edicat	ed	TUBING MATERIAL CO	DDE:			FIELD- Filtratio	-FILTERED: Y	pe; N	FILTER S	ilZE:μm
FIELD DEC	ONTAMINATIO	DN: PUM	PYN	4)	TUBING	Y N	eplaced)		DUPLICATE:	Y	N	
SAMP	PLE CONTAINE	R SPECIFICA		SAMPLE	PRESERVA	TION (includ	ling wet i	ce)		ED	SAMPLING	SAMPLE PUMP
SAMPLE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATI		TOTAL VOL	(mL) न	urbidity	METHO	DD	CODE	(mL per minute)
	2	HOPE	250	0000	1	50	7	.46	COU	L	BP	
	2	1	250		1	250			COC	2	J	
	1											
									-			
REMARKS			C C P	0000		- 1	C M	1 Stu	naction	CINIA	na óh	on
	50	impled		- (00)	1/100	56				· J.		ponds
MATERIAL	CODES	AG = Amber S = Silicone:	Glass; CG T = Tefion;	= Clear Glass; O = Other (S	HDPE =	High Density	Polyethy	lene;	LDPE = Low De	ensity Polye	thylene; PF	Polypropylene;
SAMPLING		CODES: A	APP = After (T	hrough) Perista	Itic Pump;	B = Bailer	BF	= Bladd	ier Pump; E	SP = Electri	c Submersible	Pump;
	-	R	titute all of	se Flow Perista	nic Pump;	SM = Straw	Method	(Tubing	Gravity Drain);	<b>U</b> = 0th	er (Specity)	

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

NAME	1 C C C C C C C C C C C C C C C C C C C	C - C						0			
INAIVIE:		SES				CATION:	555	Point	-0021	1Ka	
WELL NO:	RP-	(0		SAMPLE		2le			DATE:	11712	21
					PURC	ING DA	TA			1 1	
WELL		TUBING		TOTAL	WATER	J.a.a	STATIC	DEPTH 37	2 PUI	RGE PUMP T	YPE
WELL VOL	UME PURGE:	DIAMET	ER (inches):	AL WELL DEP	TH - STA	TIC DEPTH T	TO WAT	ER (feet): VELL CAPACI		BAILER:	pr
(only fill out	if applicable)		= (		faot _		fact) X	,	aglions/for	ot -	aplians
EQUIPMEN	T VOLUME PI	JRGE: 1 EQUI	PMENT VOL	≂ PUMP VOL	UME + (TUE	ING CAPACI	ITY X T	UBING LENGTH	+ FLOW CE		galions
(only fill out	it applicable)			= ga	allons + (	gallo	ons/foot X	feet)	+	gallons	= gallons
PUMP OR	TUBING DEPT	tater	WELL SCF	REEN INTERV	AL (nat	PURGIN	1G 950	PURGING	10.70	TOTAL VO	LUME
IN WELL (TE		CUMU			reet			DISSOLVED	100-		galions):
TIME	VOLUME PURGED (gallons)	VOLUME PURGED (gallons)	PURGE RATE (gpm)	TO WATER (feet)	pH (standard units)	ТЕМР, ( <sup>°</sup> С)	(circle units) μmhos/cm or_μ <del>S/</del> cm	OXYGEN (circle units) mg/L or % saturation	Redox (mV)	Turbidity (NTU)	(describe)
1005	2	CPM	_	32.2	7.42	17.79	1.02	0	209	0	none
1008		3000	1/min	32.2	748	17.7.9	1.02	0	206	0	
1011			1.2	37.2	7.49	17.79	1.02	0	205	D	V
											_
			1								
										_	
								-			
WELL CAP	ACITY (Gallon	s Per Foot): 0.	<b>75</b> " = 0.02;	1" = 0.04;	1.25" = 0.0	2" = 0.1	6; <b>3''</b> = 0.37;	4" = 0.65;	5" = 1.02;	<b>6</b> " = 1.47;	12" = 5.88
WELL CAP TUBING INS PURGING E	ACITY (Gallon: SIDE DIA. CAF	s Per Foot): 0. ACITY (Gal./Fi ODES: B =	<b>75</b> " = 0.02; t.): <b>1/8</b> " = 0.1 = Bailer; <b>1</b>	1" = 0.04; 0006; 3/16" BP = Bladder F	1.25" = 0.0 = 0.0014; Pump; E	2" = 0.1 1/4" = 0.002 SP = Electric	6; <b>3</b> " = 0.37; 26; <b>5/16"</b> = 0 Submersible P(	4" = 0.65; 0.004; 3/8" = 0 ump: PP = Pe	5" = 1.02; .006; 1/2 pristaltic Pum	<b>6</b> " = 1.47; " = 0.010; ip: <b>O</b> = <b>O</b>	12" = 5.88 5/8" = 0.016
WELL CAP TUBING IN PURGING E	ACITY (Gallon SIDE DIA. CAF	s Per Foot): 0. ACITY (Gal./Fi ODES: B =	<b>75</b> " = 0.02; t.): <b>1/8</b> " = 0. = Bailer;	1" = 0.04; 0006; 3/16" BP = Bladder F	1.25" = 0.0 = 0.0014; <sup>2</sup> ump; E SAMP	2" = 0.1 1/4" = 0.002 SP = Electric LING DA	6; <b>3''</b> = 0.37; 6; <b>5/16''</b> = 0 Submersible Po	4" = 0.65; 0.004; 3/8" = 0 ump; PP = Pe	5" = 1.02; .006; 1/2 eristaltic Pum	<b>6</b> " = 1.47; " = 0.010; pp; <b>O</b> = C	12" = 5.88 5/8" = 0.016 ther (Specify)
WELL CAP. TUBING INS PURGING E SAMPLED E	ACITY (Gallon: SIDE DIA. CAR EQUIPMENT C BY (PRINT) / A	s Per Foot): 0. ACITY (Gal./Ff ODES: B = FFILIATION:	<b>75</b> " = 0.02; t.): 1/8" = 0.1 = Bailer;	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S)	1.25" = 0.0 = 0.0014; Pump; E SAMP SIGNATURE	2" = 0,1 1/4" = 0.002 SP = Electric LING DA (S):	6; 3" = 0.37; 26; 5/16" = 0 Submersible Po ATA	4" = 0.65; 0.004; 3/8" = 0 amp; PP = Pe SAMPLING	5" = 1.02; .006; 1/2 pristaltic Pum	6" = 1.47; " = 0.010; p; O = C SAMPLIN	12" = 5.88 5/8" = 0.016 Ther (Specify)
WELL CAP TUBING IN PURGING E SAMPLED E	ACITY (Gallon: SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT) / A	a Per Foot): 0. ACITY (Gal./Fi ODES: B = FFILIATION: +G	75" = 0.02; .): 1/8" = 0.1 = Bailer;	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S)	1.25" = 0.0 = 0.0014; ?ump; E SAMP SIGNATURE	2" = 0.1 1/4" = 0.002 SP = Electric LING DA :(S):	6; <b>3"</b> = 0.37; 26; <b>5/16"</b> = 0 Submersible Pr <b>\TA</b>	4" = 0.65; .004; 3/8" = 0 .004; 3/8" = 0 .004; PP = Pe SAMPLING INITIATED A	5" = 1.02; .006; 1/2 pristaltic Pum	6" = 1.47; " = 0.010; pp: O = C SAMPLIN ENDED A	12" = 5.88 5/8" = 0.016 ther (Specify)
WELL CAP TUBING IN PURGING E SAMPLED E DIMP OR T DEPTH IN V	ACITY (Gallon: SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A B / WF FUBING WELL (feet)	Per Foot): 0. PACITY (Gal./FI ODES: B = FFILIATION: +G LAICAH	75" = 0.02; .): 1/8" = 0.1 = Bailer; (1	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO	1.25" = 0.0 = 0.0014; 'ump; E SAMP SIGNATURE	2" = 0,1 1/4" = 0.002 SP = Electric LING DA (S):	6; 3" = 0.37; 5/16" = 0 Submersible Pr <b>ATA</b> FIELD Filtrat	4" = 0.65; 0.004; 3/8" = 0 Jamp; PP = Pe SAMPLING INITIATED AT D-FILTERED: Y ion Equipment Ty	5" = 1.02; .006; 1/2 pristaltic Pum r: (0/2 N	6" = 1.47; " = 0.010; p; O = C SAMPLIN ENDED / FILTER S	<b>12"</b> = 5.88 <b>5/8"</b> = 0.016 Ther (Specify) HG ΔT: 0.20 HZE:μm
WELL CAP. TUBING IN: PURGING E SAMPLED E PUMP OR T DEPTH IN V FIELD DECO	ACITY (Gallon: SIDE DIA. CAF EQUIPMENT C BY (PRINT) / A BY (PRINT) / A BY (PRINT) / A UBING WELL (feet) ONTAMINATIC	Per Foot): 0. PACITY (Gal./FT ODES: B= FFILIATION: +G edicat N: PUMF	75" = 0.02; .): 1/8" = 0.1 = Bailer; (1 e Bailer, 1	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO	1.25" = 0.0 = 0.0014; <sup>2</sup> ump; E SAMP SIGNATURE DDE: TUBING	2" = 0.1 1/4" = 0.002 SP = Electric LING DA :(S): Y N (re	6; <b>3''</b> = 0.37; 26; <b>5/16''</b> = 0 Submersible Po <b>ATA</b> FIELD Filtrat eplaced)	4" = 0.65; .004; 3/8" = 0 .004; 3/8" = 0 .0	5" = 1.02; .006; 1/2 eristaltic Pum r: (0)2 r: (0)2 Pe: Y	6" = 1.47; " = 0.010; pp: 0 = 0 SAMPLIN ENDED A FILTER S	<b>12</b> " = 5.88 5/8" = 0.016 ther (Specify) IG 1/2E:μm
WELL CAP TUBING IN PURGING E SAMPLED E PUMP OR T DEPTH IN V FIELD DEC( SAMP	ACITY (Gallon SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT) / A BY (PRINT) / A UBING VELL (feet) ( ONTAMINATIC ONTAMINATIC	Per Foot): 0. PACITY (Gal./FI ODES: B = FFILIATION: +G edicat N: PUMF R SPECIFICAT	75" = 0.02; ): 1/8" = 0.1 = Bailer; (1	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE	1.25" = 0.0 = 0.0014; Pump; E SIGNATURE SIGNATURE DDE: TUBING PRESERVA	2" = 0.1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi	6; 3" = 0.37; 6; 5/16" = 0 Submersible Pr ATA FIELD Filtrat eplaced) ing wet ice)	4" = 0.65; .004; 3/8" = 0 Imp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ion Equipment Ty DUPLICATE: INTENDI ANALYSIS A	5" = 1.02; .006; 1/2 eristaltic Pum r: 012 r: 012 Y ED ND/OR	6" = 1.47; " = 0.010; p; O = C SAMPLINE N SAMPLING OULPMENT	12" = 5.88 5/8" = 0.016 ther (Specify) IG IZE:μm
WELL CAP TUBING IN PURGING E SAMPLED E DYM PUMP OR T DEPTH IN V FIELD DECO SAMPLE ID CODE	ACITY (Gallon: SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT)	Per Foot): 0. PACITY (Gal./FI ODES: B = FFILIATION: +G AddCdd N: PUMF R SPECIFICAT MATERIAL CODE	75" = 0.02; L): 1/8" = 0.1 = Bailer; (1 P Q N TON VOLUME	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVATI USED	1.25" = 0.0 = 0.0014; 'ump; E SIGNATURE DDE: TUBING PRESERVA VE ADDE	2" = 0,1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r	6; 3" = 0.37; 26; 5/16" = 0 Submersible Po ATA FIELD Filtrat eplaced) ing wet ice) Final pH/ Temp	4" = 0.65; 0.004; 3/8" = 0 amp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ion Equipment Ty DUPLICATE: INTEND ANALYSIS A METHO	5" = 1.02; .006; 1/2 eristaltic Pum r: 0/2 pe: Y ED ND/OR ED	6" = 1.47; " = 0.010; p; O = C SAMPLIN ENDED A FILTER S N SAMPLING QUIPMENT CODE	12" = 5.88 5/8" = 0.016 ther (Specify)
WELL CAP TUBING IN PURGING E SAMPLED E DEPTH IN V FIELD DECO SAMPLE ID CODE	ACITY (Gallon: SIDE DIA. CAF EQUIPMENT C BY (PRINT) / A BY (PRINT) / A BUDING WELL (feet) ONTAMINATIC LE CONTAINERS	Per Foot): 0. ACITY (Gal./FT ODES: B = FFILIATION: +G ACICAH N: PUMF R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; .): 1/8" = 0.1 = Bailer; (1 Ped Ped Ped N TON VOLUME 750	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVATI USED	1.25" = 0.0 = 0.0014; Pump; E SAMP SIGNATURE DDE: TUBING PRESERVA VE ADDE	2" = 0.1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r	6; <b>3"</b> = 0.37; 6; <b>5/16"</b> = 0 Submersible Pr <b>ATA</b> FIELD Filtrat eplaced) ing wet ice) Final PH Temp <b>7.46</b>	4" = 0.65; 0.004; 3/8" = 0 amp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ION Equipment Ty DUPLICATE: ANALYSIS A METHO COCC	5" = 1.02; .006; 1/2 eristaltic Pum r: 012 r: 012 P P P D D P C S C S C C S C C S C C S C S C S C S	6" = 1.47; " = 0.010; p: 0 = 0 SAMPLIN ENDED A FILTER S SAMPLING QUIPMENT CODE B P	12" = 5.88 5/8" = 0.016 ther (Specify) IG T: 020 IZE:μm SAMPLE PUMP FLOW RATE (mL per minute)
WELL CAP TUBING IN PURGING E DURGING E DUMP OR T DEPTH IN V FIELD DECO SAMP SAMPLE ID CODE	ACITY (Gallon SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT) / A BY (PRINT) / A BY (PRINT) / A CONTAMINATION CONTAMINTATION CONTAMINATION CONTAMINATION	Per Foot): 0. PACITY (Gal./FI ODES: B = FFILIATION: + G AddCat N: PUMF R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; .): 1/8" = 0.1 = Bailer; (1) = Bailer; (1) = Constant = Const	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVAT USED	1.25" = 0.0 = 0.0014; Jump; E SIGNATURE DDE: TUBING PRESERVA	2" = 0,1 1/4" = 0.002 SP = Electric LING DA (S): Y N (returns) Y N (returns	6; 3" = 0.37; 5/16" = 0 Submersible Pr ATA FIELD Filtrat eplaced) ing wet ice) Final pH/ Temp 7.46	4" = 0.65; 004; 3/8" = 0 Imp; PP = Pe SAMPLING INITIATED AT D-FILTERED: Y ion Equipment Ty DUPLICATE: ANALYSIS A METHO COCC	5" = 1.02; .006; 1/2 eristaltic Pum r: 0/2 pe: Y ED ND/OR ED	6" = 1.47; " = 0.010; p; O = C SAMPLIN ENDED A FILTER S N SAMPLING QUIPMENT CODE B P	12" = 5.88     5/8" = 0.016     ther (Specify)     NG   0.20     HZE:   μm     SAMPLE PUMP     FLOW RATE     (mL per minute)
WELL CAP TUBING IN PURGING E SAMPLED E DEPTH IN V FIELD DECC SAMPLE ID CODE	ACITY (Gallon: SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT)	Per Foot): 0. PACITY (Gal./Fr ODES: B = FFILIATION: HG AddCad N: PUMF R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; ): 1/8" = 0. = Bailer; (1 PCA PCA PCA N VOLUME 150 250	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVATI USED	1.25" = 0.0 = 0.0014; Pump; E SIGNATURE SIGNATURE DDE: TUBING PRESERVA VE ADDE	Y       N (reflection	6; 3" = 0.37; 5/16" = 0 Submersible Po ATA FIELD Filtrat eplaced) ing wet ice) Temp T.YC	4" = 0.65; 0.004; 3/8" = 0 amp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ion Equipment Ty DUPLICATE: INTENDI ANALYSIS A METHO COCCE	5" = 1.02; .006; 1/2 eristaltic Pum r: 0/2 r: 0/2 P P P P P P P P P P P P P P P P P P P	6" = 1.47; " = 0.010; p; O = C SAMPLIN ENDED A FILTER S SAMPLING QUIPMENT CODE B P	12" = 5.88 5/8" = 0.016 ther (Specify)
WELL CAP. TUBING IN: PURGING E SAMPLED E DEPTH IN V FIELD DECO SAMPLE ID CODE	ACITY (Gallon: SIDE DIA. CAF EQUIPMENT C BY (PRINT) / A BY (PRINT)	Per Foot): 0. ACITY (Gal./FT ODES: B= FFILIATION: +G edicat N: PUMF R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; ): 1/8" = 0.1 = Bailer; (1	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVATI USED	1.25" = 0.0 = 0.0014; Pump; E SAMP SIGNATURE DDE: TUBING PRESERVA	2" = 0.1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r SO 2 SO	6; 3" = 0.37; 55/16" = 0 Submersible Pr ATA FIELD Filtrat eplaced) ing wet ice) mL) Final pH/ Temp T. 40	4" = 0.65; .004; 3/8" = 0 Imp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ion Equipment Ty DUPLICATE: INTENDI ANALYSIS A METHO	5" = 1.02; .006; 1/2 eristaltic Pum r: 012 r: 012 r: 012 P P P D D P C D C C C C C C C C C C C C	6" = 1.47; " = 0.010; p: 0 = 0 SAMPLIN ENDED A FILTER S SAMPLING QUIPMENT CODE B P	12" = 5.88 5/8" = 0.016 ther (Specify) IG T: 020 IZE:μm SAMPLE PUMP FLOW RATE (mL per minute)
WELL CAP TUBING IN PURGING E SAMPLED E DYM PUMP OR T DEPTH IN V FIELD DECO SAMPLE ID CODE	ACITY (Gallon SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A B / WF TUBING WELL (feet) ( ONTAMINATIC CONTAINERS 7 2	Per Foot): 0. PACITY (Gal./Ff ODES: B = FFILIATION: +G AddCad N: PUMF R SPECIFICAT MATERIAL CODE HDPE	75" = 0.02; .): 1/8" = 0.1 = Bailer; (1	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVAT USED	1.25" = 0.0 = 0.0014; Jump; E SIGNATURE DDE: TUBING PRESERVA VE ADDE	3     (2" = 0,1       1/4" = 0.002       SP = Electric       LING DA       (S):       Y     N (relation of the second	6; 3" = 0.37; 5/16" = 0 Submersible Pr ATA FIELD Filtrat eplaced) ing wet ice) Temp 7.46	4" = 0.65; 0.004; 3/8" = 0 Imp; PP = Pe SAMPLING INITIATED AT D-FILTERED: Y ion Equipment Ty DUPLICATE: INTEND ANALYSIS A METHO COCCA	5" = 1.02; .006; 1/2 eristaltic Pum r: [0]2 y ED ND/OR E D	6" = 1.47; " = 0.010; p; O = C SAMPLIN ENDED A FILTER S N SAMPLING QUIPMENT CODE B P	12" = 5.88 5/8" = 0.016 ther (Specify)
WELL CAP. TUBING IN: PURGING E SAMPLED E DEPTH IN V FIELD DEC SAMPLE ID CODE	ACITY (Gallon: SIDE DIA. CAF EQUIPMENT C BY (PRINT) / A BY (PRINT)	Per Foot): 0. ACITY (Gal./FT ODES: B= FFILIATION: +G edicat N: PUMF R SPECIFICAT MATERIAL CODE HDPE HDPE MDE	75" = 0.02; ): 1/8" = 0.1 = Bailer; (1 ed volume 750 Volume 750 750 750 750 750 750 750	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVATI USED	1.25" = 0.0 = 0.0014; Pump; E SAMP SIGNATURE DDE: TUBING PRESERVA VE ADDE	2" = 0.1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r SO 2 SO 2 SO C 2	6; 3" = 0.37; 5/16" = 0 Submersible Pr ATA FIELD Filtrat eplaced) ing wet ice) Temp T.YC	4" = 0.65; 0.004; 3/8" = 0 amp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ION Equipment Ty DUPLICATE: ANALYSIS A METHO COCCE	5" = 1.02; .006; 1/2 eristaltic Pum r: 012 r: 012 P ND/OR E ND/OR E	6" = 1.47; " = 0.010; pp: 0 = 0 SAMPLIN ENDED A FILTER S SAMPLING QUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 ther (Specify) IG T: 020 IZE:μm SAMPLE PUMP FLOW RATE (mL per minute)
WELL CAP TUBING IN: PURGING E SAMPLED E DYY FIELD DECI SAMPLE ID CODE	ACITY (Gallon: SIDE DIA. CAP EQUIPMENT C BY (PRINT) / A BY (PRINT)	Per Foot): 0. PACITY (Gal./Fr ODES: B = FFILIATION: HG AG = Amber G S = Silicone;	75" = 0.02; .): 1/8" = 0.1 = Bailer; (1 	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVATI USED COC Clear Glass; O = Other (S	1.25" = 0.0 = 0.0014; 'ump; E SIGNATURE DDE: TUBING PRESERVA VE ADDE ADDE 1 (CO HDPE = H	2" = 0,1 1/4" = 0.002 SP = Electric LING DA (S): Y N (refueld OTAL VOL D IN FIELD (r SO SO SO SO SO SO SO SO SO SO	6; 3" = 0.37; 6; 5/16" = 0 Submersible Po ATA FIELD Filtrat eplaced) ing wet ice) Temp 7.90 Final PH Temp	4" = 0.65; .004; 3/8" = 0 Imp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ion Equipment Ty DUPLICATE: INTEND ANALYSIS A METHO COCCA LDPE = Low De	5" = 1.02; .006; 1/2 eristaltic Pum r: (0)2 ND/OR E D D ED S ND/OR E	6" = 1.47; " = 0.010; p; 0 = 0 SAMPLIN ENDED A FILTER S SAMPLING QUIPMENT CODE B P V V V V V V V V V V V V V	12" = 5.88       5/8" = 0.016       ther (Specify)       IG     0.20       IZE:     μm       SAMPLE PUMP       FLOW RATE       (mL per minute)
WELL CAP TUBING IN: PURGING E SAMPLED E DEPTH IN V FIELD DECI SAMPLE ID CODE	ACITY (Gallon: SIDE DIA. CAF EQUIPMENT C BY (PRINT) / A BY (PRINT)	Per Foot): 0. PACITY (Gal./Fr ODES: B = FFILIATION: + G AG = Amber G S = Silicone; CODES: AF	75" = 0.02; ): 1/8" = 0.1 = Bailer; (1 P Q (N TON VOLUME 150 250 CCCR lass; CG = T = Teflon; PP = After (Th PP = After (Th	1" = 0.04; 0006; 3/16" BP = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVATI USED COCC Clear Glass; O = Other (S rrough) Peristed	1.25" = 0.0 = 0.0014; Pump; E SIGNATURE DDE: TUBING PRESERVA VE ADDE ADDE 1/CC HDPE = H pecify) tic Pump;	2" = 0,1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r SO SO B = Bailer; SM = Strovi	6; 3" = 0.37; 5/16" = 0 Submersible Pr ATA FIELD FIRE FIRE FIELD FIRE FIRE Placed) ing wet ice) Temp Temp FOUND FIRE Polyethylene; BP = Blad	4" = 0.65; .004; 3/8" = 0 amp; PP = Pe SAMPLING INITIATED A D-FILTERED: Y ion Equipment Ty DUPLICATE: INTENDI ANALYSIS A METHO COCCE LDPE = Low De der Pump; ES	5" = 1.02; .006; 1/2 pristaltic Pum r: 0/2 P P P P P P P P P P P P P P P P P P P	sampling QUIPMENT CODE BP ylene; PP	12" = 5.88 5/8" = 0.016 ther (Specify) IG T: 1020 IZE:μm SAMPLE PUMP FLOW RATE (mL per minute) = = Polypropylene; Pump;

2. <u>STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS</u> **pH:** ± 0.1 units **Temperature:** ± 3% **Specific Conductance:** ± 3% **Dissolved Oxygen:** (10% for values greater than 0.5 mg/L, if three dissolved oxygen values are less than 0.5 mg/L, consider the values as stabilized) **Turbidity:** (10% for values greater than 5 NTU; if three Turbidity values are less than 5 NTU, consider the values as stabilized) **Oxidation/Reduction Potential:** ± 10 millivolts

## CCR FieldBlankz @1000

**GROUNDWATER SAMPLING LOG** 

SITE NAME	19	SES_			SI	SITE LOCATION: 555 POINT FEULY ROL							
WELL NO	: RP -=	1-		SAMPLE	ID: RP	-7-			DATE:	11712	(		
.u					PURC	SING DA	TA						
WELL DIAMETEI	R (inches):		ER (inches)		WATER	2.6	STATIC D TO WATE	EPTH R (feet): 32		URGE PUMP T R BAILER:	PEBP		
(only fill ou	it if applicable)		- (101) - (	AL WELL DEP	foot		foot) X	WELL CAPACI	r T				
EQUIPME (only fill of	NT VOLUME PL	JRGE: 1 EQUI	PMENT VOL.	≈ PUMP VOI	UME + (TUE	ING CAPACI	TY X TU	BING LENGTH)	+ FLOW (		gallons		
			·	= g	allons + (	gallo	ons/foot X	feet)	+	gallons	= gallons		
PUMP OR IN WELL (	feet):	cated	DEPTH:	EEN INTERV. feet to	AL feet		G AT 935	PURGING ENDED AT:	1000	TOTAL VO PURGED (	LUME gallons):		
TIME	VOLUME PURGED (gallons)	CUMUL, VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circte units) µmhos/cm or_µS/cm	OXYGEN (circle-units) mg/L_or % saturation	Redox (mV)	Turbidity (NTU)	COLOR / ODOR (describe)		
495	31	PM		32.0	6.97	17.39	0.514	2.40	219	0	none		
998	350	m1/mi	n	32.1	12.97	17.39	0.514	2.40	219	0	none		
950				32.1	6.98	17 40	0.514	2.41	219	0	none		
	_												
-				-		_							
											-		
						0							
WELL CAP	PACITY (Gallon:	s Per Foot): 0. ACITY (Gal./Ft	75" = 0.02; .): 1/8" = 0.0	1" = 0.04; 006; 3/16"	<b>1.25</b> " = 0.00 '= 0.0014;	2" = 0.1 1/4" = 0.002	6; <b>3</b> " = 0.37; 6; <b>5/16</b> " = 0.0	<b>4</b> <sup>''</sup> = 0.65; 4 104; <b>3</b> /8 <sup>''</sup> = 0.	5" = 1.02; .006; 1/	6" = 1.47; 2" = 0.010;	<b>12</b> " = 5.88 <b>5/8</b> " = 0.016		
WELL CAP TUBING IN PURGING	PACITY (Galion: VSIDE DIA. CAP EQUIPMENT C	s Per Foot): 0.7 ACITY (Gal./Ft ODES: B =	75" = 0.02; .): 1/8" = 0.0 Bailer; B	1" = 0.04; 006; 3/16" P= Bladder F	<b>1.25"</b> = 0.00 ' = 0.0014; ( Pump; E	2"= 0.1 1/4"= 0.002 SP = Electric	6; <b>3</b> " = 0.37; 6; <b>5/16</b> " = 0.0 Submersible Pun	<b>4</b> " = 0.65; 4 104; <b>3/8</b> " = 0. 1p; <b>PP</b> = Pe	5" = 1.02; 006; 1/	6" = 1.47; [2" = 0.010; mp; O = 0	12" = 5.88 5/8" = 0.016 ther (Specify)		
WELL CAP TUBING IN PURGING	PACITY (Galions NSIDE DIA. CAP EQUIPMENT C	s Per Foot): 0.7 ACITY (Gal./Ft ODES: B =	75" = 0.02; .): 1/8" = 0.0 Bailer; (B	1" = 0.04; 006; 3/16" P = Bladder F	1.25" = 0.00 '= 0.0014; Pump; E SAMP SIGNATURE	2" = 0.1 1/4" = 0.002 SP = Electric LING DA	6; 3° = 0.37; 6; 5/16° = 0.0 Submersible Pun	<b>4</b> " = 0.65; { 104; 3/8" = 0. 1p; <b>PP</b> = Pe	5" = 1.02; 006; 1/	6" = 1.47; 2" = 0.010; mp; O = 0	12" = 5.88 5/8" = 0.016 ther (Specify)		
WELL CAI TUBING IN PURGING SAMPLED	PACITY (Gallon: NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WH (	s Per Foot): 0.7 ACITY (Gal /Ft ODES: B = FFILIATION:	75" = 0.02; .): 1/8" = 0.0 Bailer; (B	1" = 0.04; 006; 3/16″ ₽ ⇒ Bladder F SAMPLER(S)	1.25" = 0.00 = 0.0014; Pump; E SAMP SIGNATURE	3; 2" = 0.1. 1/4" = 0.002 SP = Electric LING DA E(S):	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun	4" = 0.65; 4 104; 3/8" = 0. 1p; PP = Pe SAMPLING INITIATED AT	5" = 1.02; .006; 1/ pristaltic Pu	6" = 1.47; 2" = 0.010; mp; O = O SAMPLIN ENDED A	12" = 5.88 5/8" = 0.016 ther (Specify)		
WELL CAI TUBING IN PURGING SAMPLED DUMP OR DEPTH IN	PACITY (Gallons NSIDE DIA. CAP EQUIPMENT CO BY (PRINT) / AI B/ WH( TUBING WELL (feet): d	s Per Foot): 0.7 ACITY (Gal /Ft ODES: B = FFILIATION: S LUICUT	75" = 0.02; .); 1/8" = 0.0 Bailer; (B	1" = 0.04; 006; 3/16" P = Bladder P SAMPLER(S) TUBING MATERIAL C	1.25" = 0.00 ' = 0.0014; ( ' = 0.0014; ( ' = 0.0014; ( SIGNATURE SIGNATURE ODE:	3; 2" = 0.1 1/4" = 0.002 SP = Electric LING DA E(S):	6; <b>3"</b> = 0.37; 6; <b>5/16"</b> = 0.0 Submersible Pun <b>\TA</b> FIELD-I Filtratio	4" = 0.65; { 104; 3/8" = 0. 107; PP = Pe SAMPLING INITIATED AT FILTERED: Y n Equipment Typ	5" = 1.02; 006; 1; ristaltic Pu 	6" = 1.47; 2" = 0.010; mp; O = O SAMPLIN ENDED A FILTER S	12" = 5.88 5/8" = 0.016 ther (Specify) IG T: [000 IZE:μm		
WELL CAI TUBING IN PURGING SAMPLED DUMP OR DEPTH IN FIELD DEC	PACITY (Galion: NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WH( TUBING WELL (feet): CONTAMINATIC	s Per Foot): 0. ACITY (Gal/Ft ODES: B = FFILIATION: S UN: PUMP	75" = 0.02; ): 1/8" = 0.0 Bailer; (B CA Y (N	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL CO	1.25" = 0.00 '= 0.0014; ( '2ump; E SAMP SIGNATURE ODE: TUBING	2 <sup>10</sup> = 0.1 1/4 <sup>10</sup> = 0.002 SP = Electric LING DA E(S): Y N (re	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD-I Filtratio	4" = 0.65; 1 104: 3/8" = 0. 109; PP = Pe SAMPLING INITIATED AT INITIATED T INITIATED T INITIATED T UPLICATE:	5" = 1.02; 006; 1. ristaltic Pu 	6" = 1.47; [2" = 0.010; mp; O = O SAMPLIN ENDED A FILTER S	<b>12</b> " = 5.88 <b>5/8</b> " = 0.016 ther (Specify) IG (000 IZE:μm		
WELL CAI TUBING IN PURGING SAMPLED DUMP OR DEPTH IN FIELD DEC SAMPLE ID CODE	PACITY (Galion NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WHT TUBING WELL (feet): CONTAMINATIC PLE CONTAINERS	s Per Foot): 0.7 ACITY (Gal./Ft ODES: B = FFILIATION: S COLOCAT MATERIAL CODE	75" = 0.02; ); 1/8" = 0.0 Bailer; B CA S Y N ION F /OLUME F	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL CI SAMPLE PRESERVAT USED	1.25" = 0.00 = 0.0014; ( = 0.	3: 2" = 0.1 1/4" = 0.002 SP = Electric LING DA E(S): Y N (ret TION (includi OTAL VOL DIN FIELD (r	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD- Filtratio eplaced) ng wet ice) Fina (pH/ nL) Temp	4" = 0.65; 4 104; 3/8" = 0. 105; PP = Pe SAMPLING INITIATED AT FILTERED: Y n Equipment Typ DUPLICATE: INTENDE ANALYSIS AI METHO	5" = 1.02; 006; 1/ mistaltic Pu 	6" = 1.47; 12" = 0.010; mp; O = O SAMPLING FILTER S SAMPLING EQUIPMENT CODE	12" = 5.88 5/8" = 0.016 ther (Specify) IG (000 IZE:μm SAMPLE PUMF FLOW RATE (mL per minute)		
WELL CAI TUBING IN PURGING SAMPLED DEPTH IN FIELD DEC SAMPLE ID CODE	PACITY (Galions NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WHL TUBING WELL (feet): CONTAMINATIC PLE CONTAINE CONTAINERS	s Per Foot): 0.7 ACITY (Gal./Ft ODES: B = FFILIATION: S COLOCAT N: PUMP R SPECIFICAT MATERIAL CODE	75" = 0.02; ): 1/8" = 0.0 Bailer; (B S C Y N ION /OLUME F 250	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVAT USED	1.25" = 0.00 = 0.0014; = 0.0014	3; 2"= 0.11 1/4"= 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD-I Filtratio splaced) ng wet ice) nL) Fina pH/ Temp 6 (9)	4" = 0.65; 4 104; 3/8" = 0. 105; PP = Pe SAMPLING INITIATED AT FILTERED: Y DUPLICATE: INTENDE ANALYSIS AI METHO COCA	5" = 1.02; 006; 1. ristaltic Pu 	6" = 1.47; 2" = 0.010; mp; O = O SAMPLIN FILTER S SAMPLING EQUIPMENT CODE	12" = 5.88 5/8" = 0.016 ther (Specify) IG (000 IZE:μm IZE:μm SAMPLE PUMF FLOW RATE (mL per minute)		
WELL CAI TUBING IN PURGING SAMPLED DUMP OR DEPTH IN FIELD DEC SAMPLE ID CODE	PACITY (Galion: NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WHC TUBING WELL (feet): CONTAMINATIC PLE CONTAINERS 2 2 2	Per Foot): 0.7 ACITY (Gal/Ft ODES: B = FFILIATION: S CODE R SPECIFICAT MATERIAL CODE	75" = 0.02; ): 1/8" = 0.0 Bailer; (B (C) Y Y N ION VOLUME F 250 250	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVAT USED	1.25" = 0.00 = 0.0014; ( 2ump; E SIGNATURE SIGNATURE ODE: TUBING : PRESERVA IVE ADE 0 0 0 0 0 0 0 0 0 0 0 0 0	2" = 0.1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r SO SO	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD- Filtratio eplaced) ng wet ice) Fina pH/ Temp 6 - 9 - 9	4" = 0.65; 1 104; 3/8" = 0. 105; PP = Pe SAMPLING INITIATED AT FILTERED: Y n Equipment Typ DUPLICATE: INTENDE ANALYSIS AI METHO COCA	5" = 1.02; 006; 1, mistaltic Pu 	6" = 1.47; 2" = 0.010; mp; O = O SAMPLIN ENDED A FILTER S SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 ther (Specify) IZE:μm IZE:μm SAMPLE PUMP FLOW RATE (mL per minute)		
WELL CAI TUBING IN PURGING PURGING PUMP OR DEPTH IN FIELD DEC SAMPLE ID CODE	PACITY (Galion: NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WHT TUBING WELL (feet): CONTAMINATIC PLE CONTAINE CONTAMINATIS PLE CONTAINES 2 2	s Per Foot): 0.7 ACITY (Gal./Ft ODES: B = FFILIATION: S COLOCAT N: PUMP R SPECIFICAT MATERIAL CODE	75" = 0.02; .); 1/8" = 0.0 Bailer; (B S CA Y N ION VOLUME F 250 250	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0.00 = 0.0014; ( = 0.	3; 2" = 0.1 1/4" = 0.002 SP = Electric LING DA E(S): Y N (re TION (includi OTAL VOL D IN FIELD (r SO	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD-I Filtratio eplaced) ng wet ice) Fina pH/ Temp & G &	4" = 0.65; 1 104; 3/8" = 0. 10; PP = Pe SAMPLING INITIATED AT FILTERED: Y n Equipment Typ DUPLICATE: INTENDE ANALYSIS AI METHO COCCA	5" = 1.02; 006; 1; rristaltic Pu ::	6" = 1.47; 12" = 0.010; mp; O = O SAMPLING FILTER S SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 ther (Specify) ICF (000 IZE:μm IZE:μm		
WELL CAI TUBING IN PURGING SAMPLED DUMP OR DEPTH IN FIELD DEC SAMPLE ID CODE	PACITY (Galions NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WHC TUBING WELL (feet): CONTAMINATIC PLE CONTAINERS 2 2 2	S Per Foot): 0.7 ACITY (Gal/Ft ODES: B = FFILIATION: S CODE R SPECIFICAT MATERIAL CODE	75" = 0.02; ): 1/8" = 0.0 Bailer; (B (CA) (CA	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED	1.25" = 0.00 = 0.0014; ( 2ump; E SIGNATURE ODE: TUBING = PRESERVA IVE T ADDE	2" = 0.1 1/4" = 0.002 SP = Electric LING DA E(S): Y N (re TION (includi OTAL VOL D IN FIELD (r SO SO	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD- Filtratio eplaced) ng wet ice) nL) Fina pH/ Temp	4" = 0.65; 1 104; 3/8" = 0. 105; PP = Pe SAMPLING INITIATED AT ILTERED: Y n Equipment Typ DUPLICATE: INTENDE ANALYSIS AI METHO COCA	5" = 1.02; 006; 1, mistaltic Pu 	6" = 1.47; 2" = 0.010; mp; O = O SAMPLIN ENDED A FILTER S SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 ther (Specify) IZE:μm SAMPLE PUMF FLOW RATE (mL per minute		
WELL CAI TUBING IN PURGING SAMPLED DUMP OR DEPTH IN FIELD DEC SAMPLE ID CODE	PACITY (Galions NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WHU TUBING WELL (feet): CONTAMINATIC PLE CONTAINE CONTAINERS	s Per Foot): 0.7 ACITY (Gal./Ft ODES: B = FFILIATION: S COLOCAT N: PUMP R SPECIFICAT MATERIAL CODE	75" = 0.02; ); 1/8" = 0.0 Bailer; (B S C Y N ION /OLUME F 250 250 250	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVAT USED	1.25" = 0.00 = 0.0014; = 0.0014	3;       2"= 0,11;         1/4"= 0.002         SP = Electric         LING DA         (S):           Y         Y         N (re         TION (includi         OTAL VOL         DIN FIELD (r         SO	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD- Filtratio splaced) ng wet ice) Fina pH/ Temp 6 9 9 9	4" = 0.65; 1 104; 3/8" = 0. 107; PP = Pe SAMPLING INITIATED AT INITIATED AT INIT	5" = 1.02; 006; 1. ristaltic Pu 	6" = 1.47; 2" = 0.010; mp; O = O SAMPLIN FILTER S SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 ther (Specify) IG (000 IZE:μm IZE:μm SAMPLE PUMF FLOW RATE (mL per minute)		
WELL CAI TUBING IN PURGING SAMPLED DPTH IN FIELD DEC SAMPLE ID CODE	PACITY (Galion: NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI BY	Per Fool): 0.7 ACITY (Gal/Ft ODES: B = FFILIATION: B B B B B B B B B B B B B B B B B B B	75" = 0.02; ): 1/8" = 0.0 Bailer; (B S C Y (N ION VOLUME F 250 250 250 1 C C C C C C C C C C C C C	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL CO SAMPLE PRESERVAT USED	1.25" = 0.00 = 0.0014; ( Pump; E SIGNATURE ODE: TUBING : PRESERVA IVE ADE ADDE - - - - - - - - - - - - -	2 = 0.1 1/4" = 0.002 SP = Electric LING DA (S): Y N (re TION (includi OTAL VOL D IN FIELD (r SO SO SO 2 2	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD-I Filtratio eplaced) ng wet ice) Fina pH/ Temp 6 - 9 8	4" = 0.65; 1 104; 3/8" = 0. 105; PP = Pe SAMPLING INITIATED AT FILTERED: Y n Equipment Typ DUPLICATE: INTENDE ANALYSIS AI METHO COCA	5" = 1.02; 006; 1. ristaltic Pu 	6" = 1.47; 2" = 0.010; mp; O = O SAMPLIN FILTER S SAMPLING EQUIPMENT CODE BP	12" = 5.88 5/8" = 0.016 ther (Specify) IG (000 IZE:μm SAMPLE PUMF FLOW RATE (mL per minute		
WELL CAI TUBING IN PURGING PURGING PUMP OR DEPTH IN FIELD DEC SAMPLE ID CODE REMARKS	PACITY (Galions NSIDE DIA. CAP EQUIPMENT C BY (PRINT) / AI B/ WHL TUBING WELL (feet): CONTAMINATIC PLE CONTAINERS 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	S Per Foot): 0.7 ACITY (Gal/Ft ODES: B = FFILIATION: S CODE N: PUMP R SPECIFICAT MATERIAL CODE HDPE CODE	75" = 0.02; ): 1/8" = 0.0 Bailer; (B C.A. ); Y (N ION /OLUME /OLUME /OLUME CCCR ass; CG = ( T = Teflon;	1" = 0.04; 006; 3/16" P = Bladder F SAMPLER(S) TUBING MATERIAL C SAMPLE PRESERVAT USED COC1 Clear Glass; O = Other (S	1.25" = 0.00 = 0.0014; = 0.0014; = SAMP SIGNATURE ODE: TUBING = PRESERVA IVE ADE = 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	2" = 0.1 1/4" = 0.002 SP = Electric LING DA E(S): Y N (ret TION (includi OTAL VOL D IN FIELD (r SO SO LING DA LING DA TION (includi OTAL VOL D IN FIELD (r SO SO LING DA LING	6; 3" = 0.37; 6; 5/16" = 0.0 Submersible Pun TA FIELD- Filtratio splaced) ng wet ice) Fina pH/ Temp Correct Submersible Pun Filtratio splaced) ng wet ice) Fina pH/ Temp Correct Submersible Pun Submersible Pun	4" = 0.65; 1 104; 3/8" = 0. 105; PP = Pe SAMPLING INITIATED AT ILTERED: Y n Equipment Typ DUPLICATE: INTENDE ANALYSIS AI METHO COCA COCA LDPE = Low Det	5" = 1.02; 006; 1, rristaltic Pu 	6" = 1.47; 2" = 0.010; mp; O = O SAMPLING EQUIPMENT CODE BP CODE BP CODE	12" = 5.88 5/8" = 0.016 ther (Specify) IC (000 IZE:μm SAMPLE PUMF FLOW RATE (mL per minute		

Filled CCR FieldBlank I @ 1200

SITE	ISES				S		55	51	Point !	Fern	1Rd	/
WELL NO:	RP.	.9)		SAMPLE	ID: RF	2-9	2			DATE:	117/2	
		0			PUR	GING DA	TA	Total	Depth	- 36.1	8	
WELL DIAMETER	(inches):		ER (inches):	H WE	LL SCREEN PTH: fo	INTERVAL eet to f	eet 1	STATIC DE	EPTH 3(.	4 PUF OR	RGE PUMP TY BAILER:	BP
WELL VOL (only fill out	UME PURGE: if applicable)	1 WELL VOLU	JME = (TOT	AL WELL DEP	TH - STA	ATIC DEPTH T	O WAT	TER) X	WELL CAPACI	TY	-	aallons
EQUIPMEN	NT VOLUME PU	RGE: 1 EQUI	= ( PMENT VOL	. = PUMP VOL	feet – UME + (TU	BING CAPACI	TY	X TU	BING LENGTH)	+ FLOW CE	LL VOLUME	ganons
(only fill out	if applicable)			≟ g	alions + (	galic	ns/foot	x	feet)	+	gallons =	gailons
INITIAL PU DEPTH IN	MP OR TUBING	adicated		IP OR TUBINO	3	PURGIN	G ED AT:	1150	PURGING ENDED AT:	1215	TOTAL VOL PURGED (g	UME allons):
TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. ( <sup>o</sup> C)	CC (circle µmh <u>or</u>	DND. e units) ios/cm itS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	Redox (mV)	COLOR (describe)	(describe)
200	2	PM		31.4	7.04	17.02	0.	765	3.15	217	0	none
1203	1	32Sml	mîn	31.4	7.04	16.97	Û	-49	3.08	217	0	
12.06		1		31.4	7.03	16.95	0.1	134	3.11	214	0	
12.09				31.4	7.04	16.96	0	174	3.12	217	0	V
												-
				-								
WELL CAN	PACITY (Gallon NSIDE DIA. CAL	s Per Foot): 0 PACITY (Gal./F	.75" = 0.02; t.): 1/8" = 0	1" = 0.04; 0006; 3/16	<b>1.25</b> " = 0. " = 0.0014;	06 2" = 0.1 1/4" = 0.002	6; <b>3</b> 26;	" = 0.37; 5/16" = 0.0	4" = 0.65; 004; 3/8" = 0	<b>5"</b> = 1,02; .006; 1/2	6" = 1.47; " = 0.010;	<b>12"</b> = 5.88 <b>5/8"</b> = 0.016
PURGING	EQUIPMENT C	ODES: B	= Bailer;	BP = Bladder	Pump;			ersible Pun	np; <b>PP</b> = Pe	eristaltic Pun	$np;  \mathbf{O} = \mathbf{O}$	ther (Specify)
SAMPLED	BY (PRINT) / A	FFILIATION:		SAMPLER(S	) SIGNATUR	RE(S):			SAMPLING	T: 1210	SAMPLIN ENDED A	g. 1215
PUMP OR	TUBING	edical	el					FIELD-	FILTERED: Y	N	FILTER S	ZE:μm
FIELD DE	CONTAMINATIO	DN: PUM	P Y (1		TUBING	YN	eplaced	d)	DUPLICATE:	Y	N	
SAM	PLE CONTAINE	R SPECIFICA	TION	SAMPL	E PRESER\	ATION (includ	ling wet	t ice)			SAMPLING	SAMPLE PUMP FLOW RATE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVA USED		ED IN FIELD	(mL)	Turbidity	метно		CODE	(mL per minute)
	1	HDPE	250			250		7.04	COC	1	BP	
	2	1	250			250			COC.	2	1	
REMARKS	S:	Samp	sed	CCR	COC	1/000	2	Con	structiz	on on	going	ponds
MATERIA	L CODES:	AG = Amber ( S = Silicone;	Glass; CG T = Teflon;	= Clear Glass; <b>0</b> = Other	HDPE -	High Density	Polyeth	nylene;	LDPE = Low De	ensity Polyet	hylene; PP	= Polypropylene;
SAMPLIN	G EQUIPMENT	CODES: A	PP = After (1 FPP = Reve	Through) Peris rse Flow Perist	taltic Pump; altic Pump;	B = Baile SM = Strav	r: E v Metho	BP = Bladd	ler Pump; E Gravity Drain);	SP = Electric O = Othe	c Submersible er (Specify)	Pump;
IOTES: 1	. The above	do not consi	titute all of	the information	tion requi	red by						

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

SITE NAME	ISES				SIT		55	5P	oint F	em	1 Rd	/
WELL NO:	RP-	9		SAMPLE ID	RF	2-9				DATE:	117/2	(
					PURG	ING DA	TA 🗧	Total	Depth	- 38.0	7	
WELL DIAMETER	(inches): 2	TUBING DIAMET	ER (inches):		SCREEN II H: fee	NTERVAL et to f	eet T	TATIC DE	R (feet): 28	9 PU OR	RGE PUMP TY BAILER:	PE BP
WELL VOL (only fill out	UME PURGE: if applicable)	1 WELL VOL	UME = (TOT/	AL WELL DEPTH	H – STAT	IC DEPTH T	O WAT	ER) X	WELL CAPACI	TY aallons/fc	ot =	galloos
	IT VOLUME PU	RGE: 1 EQUI	PMENT VOL.	= PUMP VOLU	ME + (TUBI	NG CAPACI	TY	X TUE	BING LENGTH)	+ FLOW CI	ELL VOLUME	guiona
				= gallo	ons + (	galic	ins/foot	X	feet)	+	gallons	= gallons
INITIAL PU DEPTH IN \	MP OR TUBING	edicate	DEPTH IN V	P OR TUBING WELL (feet):			G ED AT:	122	PURGING ENDED AT:	1146e	PURGED (g	.UME alions):
TIME	VOLUME PURGED (gallons)	CUMUL, VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. ( <sup>o</sup> C)	CO circle) بر mho مر ب	ND e units) os/cm S/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	Redox (mV)	COLOR (describe) NTU	ODOR (describe)
132	3	CPM		28.9 -	7.13	10.75	0.7	ile3	1.79	212	0	none
N35		300ml	min	190	7.09	10.14	0.3	63	1.5%	213	R	_
1130				19.0	+.0+	10.14	0.3	1.2	1.40	214	0	
1141				61.0	1-010	10.10	U.		1-90	619		<b>X</b>
	-											
										·		
					0.51 - 0.00	011-0	0. 21	- 0.27	42 - 0.65	E <sup>p</sup> = 1.02:	6 <sup>0</sup> - 1.47	12" - 5.88
TUBING IN	SIDE DIA. CAP	ACITY (Gal./F	<b>1/8"</b> = 0.02; (t.): <b>1/8"</b> = 0.0	1" = 0.04; 1 0006; 3/16" =	0.0014;	1/4" = 0.002	6; 5	- 0.37, 5/16" = 0.0	04; 3/8" = 0	006; 1/	2" = 0.010;	5/8" = 0.016
PURGING	EQUIPMENT C	ODES: B	= Bailer,	BP Bladder Pu	mp; E	SP = Electric		rsible Pum	1 <b>p; PP =</b> Pi	eristaltic Pur	mp; <b>O</b> = O	ther (Specify)
SAMPLED	BY (PRINT) / A	FFILIATION:		SAMPLER(S) S	IGNATURE	:(S):				. (142	SAMPLIN	G 1146
PUMP OR	TUBING	10	had	TUBING				FIELD-I	FILTERED: Y	(N')	FILTER S	IZE;μm
DEPTH IN	WELL (feet):	lara	ica j	MATERIAL CO	DE:	V NU	oplaced	Filtratio	n Equipment Ty	pe:	N	
FIELD DEC				SAMDIE E			ing wet	ice)		ED	SAMPLING	SAMPLE PUMP
SAMPLE	#	MATERIAL	VOLUME	PRESERVATIV	E T	OTAL VOL		Turbidity	ANALYSIS A	ND/OR		FLOW RATE
ID CODE	CONTAINERS	CODE	250	USED	ADDE	D IN FIELD	mL)	2.121.0	COC	1	RP	(me per minute)
	5	HUFE	150		4	50	_	1.00	000	2	1	
	6	1	0.50		6-				0.00			
REMARKS	S	ampl	ed C	CR CI	DC1	COC	2					
MATERIAL	CODES	AG = Amber (	Glass; CG =	Clear Glass;	HDPE =	ligh Density	Polyeth	ylene;	LDPE = Low De	ensity Polye	thylene; PP	= Polypropylene;
		S = Silicone; CODES: A	T = Teflon; PP = After (T	O = Other (Sp hrough) Peristalt	ic Pump:	<b>B</b> = Baile	G	P = Bladde	erPump; E	SP = Electri	c Submersible	Pump;
		R	FPP = Revers	se Flow Peristalti	c Pump;	SM = Strav	Metho	d (Tubing	Gravity Drain)	O = Oth	er (Specify)	
NOTES: 1. 2.	The above ( STABILIZATIC	do not consi IN CRITERIA F	OR RANGE O	The information F VARIATION OF	LAST THR	a by EE CONSEC	JTIVE F	READINGS				

SITE	ISES	)				SI		55	56	bin	FF	em	Ra	
NAME: WELL NO:	RP	10		SA	MPLE ID:	RP	-10	6	<u>v</u>			DATE:	111712	2.1
				_	F	VRC	ING DA	TA	Total	der	th	39.9	5	
WELL	(inches): 2	TUBING DIAMET	ER (inches):	亡	WELL SO DEPTH:	CREEN fe	INTERVAL et to fe	eet	STATIC D TO WATE	EPTH R (feet):	33.	9 PU OR	RGE PUMP TY BAILER:	BP
WELL VOL (only fill out	UME PURGE: if applicable)	1 WELL VOLU	JME = (TOTA	L WEL	L DEPTH	- STA	TIC DEPTH T	O WA	TER) X	WELL C	APACIT	rY aallons <i>it</i> o	ot =	gallons
	NT VOLUME PL	IRGE: 1 EQUI	= ( PMENT VOL.	= PUM	P VOLUME	- + (TUB	ING CAPACI	ΓY	X TU	BING LEI	NGTH)	+ FLOW CE	LL VOLUME	Description
				=	gallon	s + (	gallo	ns/foo	t X	Launa	feet)	+	gallons :	= gallons
INITIAL PU DEPTH IN	WELL (feet):	edicat	FINAL PUM	P OR T VELL (fe	UBING eet):			G ED AT:	100	ENDE	D AT:	1120	PURGED (g	allons):
TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (galions)	PURGE RATE (gpm)	DEF T( WA <sup>-</sup> (fe	PTH CO ΓER (st et)	pH andard units)	TEMP. (°C)	C( circl) µml <u>or</u>	OND. e units) nos/cm μS/cm	OXYG (circle u mg/L % satur	EN EN Or ation	Redox (mV)	-COLOR (describe)	ODOR (describe)
1105	2	CPM		33	97	:30	17:39	0.	807	4.8	30	205	1.2	none
1110		350ml	min	34	.0 7.	33	17.39	0.	807	4.8	8	206	104	
113				34	.0 7	33	17.37	0:	206	4.6	39	207	0.2	V
					_								_	
													_	
WELL CA TUBING II PURGING	PACITY (Gallon NSIDE DIA. CAI EQUIPMENT C	s Per Foot): 0 PACITY (Gal./F CODES: B	.75" = 0.02; t.): 1/8" = 0.0 = Bailer;	1" = 0 0006; 3P = Bla	.04; 1.2 3/16" = 0 adder Pum	5" = 0.0 .0014; ( p; E	6: 2" = 0.1 1/4" = 0.002 SP = Electric	6; ; 26; Subm	3" = 0.37; 5/16" = 0. ersible Pu	4" = 0. 004; 3 mp; 1	65; 4 1 <b>/8'' = 0</b> P <b>P =</b> Pe	 5" = 1.02; .006; 1/ eristaltic Pur	<b>6''</b> = 1.47; 2'' = 0.010; mp; <b>O</b> = O	12" = 5.88 5/8" = 0.016 ther (Specify)
п				CAMDI			PLING DA	ATA	_					
SAMPLED	1B/WI	FFILIATION:		SAMPL	ER(S) SIG	INATUR	E(S):	_		SAMP	LING TED AT	т: 1119	SAMPLIN ENDED A	IG 1120
PUMP OR	TUBING WELL (feet):	ledica	ted	TUBIN	G RIAL CODE	:			FIELD Filtrati	on Equipr	D: Y nent Ty	pe.(N)	FILTER S	IZE:μm
FIELD DE	CONTAMINATI	ON: PUM	PYN	7	т	UBING	Y (N()	eplace	d)	DUPL	ICATE:	Y	N	
SAM	IPLE CONTAIN	ER SPECIFICA		S		ESERV	ATION (includ	ling we	et ice)		NTENDI	ED ND/OR	SAMPLING EQUIPMENT	SAMPLE PUMP FLOW RATE
SAMPLE ID CODE	# CONTAINERS		VOLUME	PRESI	ISED	ADD	ADDED IN FIELD (mL)			METHOD			CODE	(mL per minute)
	2	HUFE	250				250		1.0.0		X	2	J.	
REMARK	s: Sa	ample	a cc	RI	0001	LIC	002							
MATERIA	L CODES:	AG = Amber	Glass; CG =	= Clear ( 0 = (	Glass; Other (Spe	HDPE =	High Density	Polyet	hylene;	LDPE =	Low De	ensity Polye	thylene; PF	Polypropylene;
SAMPLIN		CODES: A	PP = After (T FPP = Reven	hrough) se Flow	Peristaltic Peristaltic	Pump; Pump;	B = Baile SM = Strav	r; v Meth	BP = Blad od (Tubing	der Pump g Gravity [	E: Drain);	SP = Electri O = Oth	c Submersible er (Specify)	Pump;
IOTES: 1	I. The above	do not cons	titute all of	the inf	ormation	requir	ed by	TIME	DEADING	e				

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF