



ANALYTICAL SUMMARY REPORT

June 21, 2020

Skyline Ranch Improvement Service Dist
PO Box 3601
Jackson, WY 83001

Work Order: C20060600
Project Name: WY5600217

Energy Laboratories, Inc. Casper WY received the following 1 sample for Skyline Ranch Improvement Service Dist on 6/11/2020 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C20060600-001	Tank	06/09/20 11:24	06/11/20	Drinking Water	pH Check for H2SO4 Preserved Inorganics Nitrogen, Nitrate + Nitrite

The analyses presented in this report were performed by Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these test results, please contact your Project Manager .

Report Approved By:



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Skyline Ranch Improvement Service Dist

Client Sample ID: Tank

PWS #: WY5600217 **Name:** SKYLINE RANCH I&S DISTRICT

Facility ID: ST02

SamplingPoint/Location: SP03 / Tank

Project ID: WY5600217

Collector's Name: Emily Hanner

Contact Phone #:

Compliance Sample: YES

Sample Type: RT

Lab ID: C20060600-001

Report Date: 06/21/20

Collection Date: 06/09/20 11:24

Date Received: 06/11/20

Matrix: Drinking Water

Federal ID#: WY00002

FRDS Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
NUTRIENTS							
1038 Nitrogen, Nitrate+Nitrite as N	0.20	mg/L		0.01	10	E353.2	06/16/20 10:27 / hat

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Skyline Ranch Improvement Service Dist

Work Order: C20060600

Report Date: 06/17/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2							Analytical Run: FIA201-C_200616A		
Lab ID: ICV	Initial Calibration Verification Standard								06/16/20 09:58
Nitrogen, Nitrate+Nitrite as N	0.989	mg/L	0.010	99	90	110			
Method: E353.2							Batch: R259378		
Lab ID: MBLK	Method Blank								06/16/20 09:59
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.008						
Lab ID: LFB							Run: FIA201-C_200616A		
Lab ID: LFB							Run: FIA201-C_200616A		
Nitrogen, Nitrate+Nitrite as N	0.935	mg/L	0.010	94	90	110			06/16/20 10:00
Lab ID: C20060556-001CMS							Run: FIA201-C_200616A		
Nitrogen, Nitrate+Nitrite as N	1.04	mg/L	0.010	100	90	110			06/16/20 10:21
Lab ID: C20060556-001CMSD							Run: FIA201-C_200616A		
Nitrogen, Nitrate+Nitrite as N	1.05	mg/L	0.010	101	90	110	1.0	10	06/16/20 10:22

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



Work Order Receipt Checklist

Skyline Ranch Improvement Service Dist C20060600

Login completed by: Casie C. Peppersack

Date Received: 6/11/2020

Reviewed by: Misty Stephens

Received by: meh

Reviewed Date: 6/12/2020

Carrier name: Ground

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on all shipping container(s)/cooler(s)? Yes No Not Present
- Custody seals intact on all sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time?
(Exclude analyses that are considered field parameters
such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) Yes No
- Temp Blank received in all shipping container(s)/cooler(s)? Yes No Not Applicable
- Container/Temp Blank temperature: 4.0°C On Ice
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No Not Applicable

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

Contact and Corrective Action Comments:

None



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Chain of Custody (COC) & Analytical Request Record

Project Information

Laboratory Use

Client: Skyline Ranch Improvement Service Dist

Project: WY5600217

Purchase Order:

Contact/Phone: Emily Hanner

(307) 690-5512

Comments:

Quote: N/A

BO#: 61653

EE#: 291

Turn-Around Time: Standard

Critical Hold Time: 28 Days

of Samples: 1

Matrix: Drinking Water



Public Water Supply (PWS) Required System Information

Contact ELL prior to RUSH sample submittal for charges, availability & scheduling. Samples submitted may be subcontracted to other laboratories to complete the test(s) requested; this will be clearly noted on the analytical report.

Sample Identification	Collection Date/Time	# of Containers	Matrix	RUSH TAT	Nitrogen, Nitrate + Nitrite (E353.2)	Analysis Requested						PWS Facility ID	PWS Sample Pt ID	
						Hold Time (Days)								
1 Tank	6/9/20 11:24am	1	DW		X	28							ST02	SP03
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														

Sampler Name (if different than Relinquished by):

Sampler Phone: 690-5512

Printed Name: Date/Time: Signature:

Printed Name: Date/Time: Signature:

COC must be signed

Relinquished by: Emily Hanner 6/9/20

Received by: Mark Tabor 6/11/2020 11:08

Receiving Workorder Summary

WorkOrder: C20060600

Client: Skyline Ranch Improvement
Service Dist

Earliest HT Expires: >7 Days

Project: WY5600217

of Samples: 1

Due Date(s): Mon 6/22

of Days Until

Due: 11

Please note: "HT" = Hold Time. The PH-W test code is excluded.

SUMMARY

	# of Samples	Samples	Fracs
Rush			

On Hold		
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	# of Samples	Samples	Test Code	Earliest HT Expires	Status
Samples with HT < 3 days					