

Analytical Results

TASK NO: 210414034

Report To: Doug Schwenke
Company: JDS Hydro Consultants
5540 Tech Center Dr.
Suite 100
Colorado Springs CO 80919

Bill To: Shelby West
Company: JDS Hydro Consultants
5540 Tech Center Dr.
Suite 100
Colorado Springs CO 80919

Task No.: 210414034
Client PO:
Client Project: Treasured Acres

Date Received: 4/14/21
Date Reported: 4/23/21
Matrix: Water - Drinking

Customer Sample ID Lomax Well #1-4
Sample Date/Time: 4/13/21 9:13 AM
Lab Number: 210414034-01

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	2.7 mg/L	EPA 300.0	0.1 mg/L	4/14/21	MAT	
Fluoride	0.11 mg/L	EPA 300.0	0.10 mg/L	4/14/21	MAT	4
Nitrate Nitrogen	0.51 mg/L	EPA 300.0	0.05 mg/L	4/14/21	MAT	10
Nitrite Nitrogen	< 0.03 mg/L	EPA 300.0	0.03 mg/L	4/14/21	MAT	1
Sulfate	5.1 mg/L	EPA 300.0	0.1 mg/L	4/14/21	MAT	
Cyanide-Total	< 0.005 mg/L	EPA 335.4	0.005 mg/L	4/15/21	CES	0.02
Total						
Iron	< 0.005 mg/L	EPA 200.7	0.005 mg/L	4/16/21	MBN	0.3
Sodium	6.9 mg/L	EPA 200.7	0.1 mg/L	4/16/21	MBN	N/A
Aluminum	0.042 mg/L	EPA 200.8	0.001 mg/L	4/15/21	IPC	0.05
Antimony	< 0.001 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	0.006
Arsenic	< 0.001 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	0.01
Barium	0.140 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	2
Beryllium	< 0.001 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	0.004
Cadmium	< 0.001 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	0.005
Chromium	0.001 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	0.1
Manganese	< 0.0008 mg/L	EPA 200.8	0.0008 mg/L	4/15/21	IPC	0.05
Mercury	< 0.0001 mg/L	EPA 200.8	0.0001 mg/L	4/19/21	IPC	0.002
Nickel	< 0.001 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	N/A

Abbreviations/ References:

ML = Minimum Level = LRL = RL
MCL = Maximum Contaminant Level per The EPA
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Analytical Results

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Matrix: Water - Drinking

Customer Sample ID Lomax Well #1-4
Sample Date/Time: 4/13/21 9:13 AM
Lab Number: 210414034-01

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
<i>Total</i>						
Selenium	0.002 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	0.05
Silver	< 0.0005 mg/L	EPA 200.8	0.0005 mg/L	4/15/21	IPC	
Thallium	< 0.001 mg/L	EPA 200.8	0.001 mg/L	4/19/21	IPC	0.002
Zinc	0.084 mg/L	EPA 200.8	0.001 mg/L	4/15/21	IPC	5

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Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Drinking Water Chain of Custody

Report To Information		Bill To Information (If different from report to)		Project Information	
Company Name: <u>JDS Hydro Consultants</u>		Company Name: <u>JDS Hydro Consultants</u>		PWSID: <u>NA</u>	
Contact Name: <u>Doug Schwenke</u>		Contact Name: <u>Shelby West</u>		System Name: <u>Treasured Acres</u>	
Address: <u>5540 Tech Center Dr. Ste. 100</u>		Address: <u>5540 Tech Center Dr. Ste. 100</u>		Compliance Samples: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
City: <u>CS</u> State: <u>CO</u> Zip: <u>80919</u>		City: <u>CS</u> State: <u>CO</u> Zip: <u>80919</u>		Send Results to CDPHE: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Phone: <u>719-227-0072</u>		Phone: <u>719-227-0072</u>		Task Number (Lab Use Only)	
Email: <u>dschwenke@jds hydro.com</u>		Email: <u>swest@jds hydro.com</u>		CAL Task	
Sample Collector: <u>Shelby West</u>				210414034	
Sample Collector Phone: <u>719-740-6430</u>		PO Number:		JML	

PHASE I, II, V Drinking Water Analyses (check requested analysis)

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	PHASE I, II, V Drinking Water Analyses (check requested analysis)																	
					Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothal	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	
1/13	9:12	#1 - Lomax Well	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	9:09	#2 - Lomax Well	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	9:10	#3 - Lomax Well	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	9:13	#4 - Lomax Well	1		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Sample dates taken from bottle labels.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			(4)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Instructions: Field Temp: 15.2°C
Field pH: 5.97

C/S Info: _____ Seals Present: _____

Delivered Via: FedEx C/S Charge Temp. 3 °C

Relinquished By: <u>Shelby West</u>	Date/Time: <u>3/13/21 9:15 am</u>	Received By: <u>J. K.</u>	Date/Time: <u>4/14/21 9:50</u>	Relinquished By: _____	Date/Time: _____	Rec: _____
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**EPC Confined Aquifer Sampling Requirements
– No Radiologicals**

Field Measurements

pH
Temp

Inorganics

Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Cyanide (Total)
Fluoride
Mercury
Nitrate
Nitrite
Selenium
Thallium

Secondary MCLs

Aluminum
Chloride
Corrosivity
Iron
Manganese
Silver
Sulfate
Zinc
TDS

Bacteriological:

Total Coliform

***El Paso County Land Development Code
Water Quality Requirements and Results
Dawson Confined Aquifer
for Jerry Lomax - Treasured Acres Subdivision
Sampled April 14, 2021***

Compound	Units	MCL/SMCL	Result
Antimony	mg/l	0.006	<0.001
Arsenic	mg/l	0.01	<0.001
Barium	mg/l	2	0.14
Beryllium	mg/l	0.004	<0.001
Cadmium	mg/l	0.005	<0.001
Chromium	mg/l	0.1	0.001
Nickel	mg/l	N/A	<0.001
Fluoride	mg/l	4	0.11
Mercury	mg/l	0.002	<0.001
Nitrate as N	mg/l	10	0.51
Nitrite as N	mg/l	1	<0.03
Selenium	mg/l	0.05	0.002
Thallium	mg/l	0.002	<0.001
Aluminum	mg/l	0.05	0.03
Chloride	mg/l	250	2.7
Langelier Index			-2.63
Iron	mg/l	0.3	<0.005
Manganese	mg/l	0.05	<0.0008
pH		6.5 - 8.5	5.9
Silver	mg/l	0.1	<0.0005
Sulfate	mg/l	250	6.7
Cyanide	mg/l	0.02	<0.005
Bicarbonate	mg/l	N/A	54.2
Calcium	mg?L	N/A	37
Carbonate	mg/L	N/A	< 4
Hydroxide	mg/L	N/A	< 4
Temperature	° C	N/A	15°
Total Alkalinity	mg/L	N/A	54.2
Sodium	mg/l	N/A	6.9
TDS	mg/l	500	117
Zinc	mg/l	5	0.084
Gross Alpha/Beta	pCi/l	15	9.6
Combined Radium 226+228	pCi/l	5	3.5
E-Coli	#/100 ml	Absent	Absent
Total Coliform	#/100 ml	Absent	Absent

Green = Result below MCL or Acceptable Water Quality