Water Operations Report
Olympic Valley Mutual Water Company
Water System ID# CA-3110019
January, 2024

To: Board of Directors
Date: February 14,2024
From: Lea Emmons, Water Operations Manager

Water System Compliance:

The water system is currently meeting state and federal standards.
The following samples were taken:

Date	**Location**	**Description**	**Results**
1-2-2024	1498 Christy Lane	Total Coliform	Negative

Operations and Maintenance:

- All daily, weekly, and monthly tasks to meet state and operation requirements have been completed.
- Operations staff have been working remotely with XiO Control Systems.
- Operations staff replaced the communications wire from the lower tank to the booster station.
- Operations staff installed 30 insulation pads in meters boxes in driveways where snow removal exposes the site to freezing temperatures.
- Operations staff started the Cellular Automated Reading Register replacement program.
- Operations staff completed upgrades to the water distribution system, water sample sites

Well, Information:

Well #1 ID# CA-3110019-004
Aquifer Level (feet below ground surface)
Well, 74.83 ft Deep.
Pump, 67.03 ft Deep.

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Resting	9.67											
Pumping	23.87											

Well #2 ID# CA-3110019-005
Aquifer Levels (feet below ground surface)
Well, 55.1 ft Deep
Pump, 49.2 ft Deep

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2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Resting	3.59											
Pumping	13.15											

West Hz Well ID# CA-3110019-006

Individual Well Production (Total in Gallons)						
	Well 1	Well 2	West HW	Total	Waste	Loss
January	90,290	46,230	1,078,270	1,214,790	(260,290)	(95,969)
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						

Notes: Water from the West HW is discharged into the creek. This creates enough demand to keep the lower valley vertical wells operating every two to three days with the automation and control system to prevent water quality problems at these vertical wells. This also prevents water from overflowing from the lower tank and washing out the tank's access road.

The negative numbers for well #2 indicate that the aquifer level is affected by snow melt on the upper mountain. It positively charges the aquifer to the point that it raises water levels above ground level in the well casing.

SGS Silver State Analytical Laboratories
1135 Financial Blvd
Reno, NV 89502
(775) 857-2400
www.ssalabs.com

January 03, 2024
Workorder **24010075**

John Oneal
SQUAW VALLEY MUTUAL WATER CO.
P.O. Box 2276
Olympic Valley, CA 96146-2076

Project: Water System/ CA-3110019-DST-DST-1498 Christy Ln.

Dear John Oneal:

It is the policy of SGS Silver State Analytical Laboratory - Reno to strictly adhere to a comprehensive Quality Assurance Plan that ensures the data presented in this report are both accurate and precise. SGS Silver State Analytical Laboratory - Reno maintains accreditation in the State of Nevada (NV-00015) and the State of California (ELAP 2990).

The data presented in this report was obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged in the Analytical Report with an appropriate explanation in the Definitions & Qualifiers.

Sincerely,

Carly Wood
Laboratory Director
1135 Financial Blvd
Reno, NV 89502

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Analytical Report

Workorder#: **24010075**
Date Reported: **1/3/2024**

Client: SQUAW VALLEY MUTUAL WATER CO. **Sampled By** John ONeal
Project Name: Water System/ CA-3110019-DST-DST-1498 Christy Ln.
PO #:

Laboratory Accreditation Number NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
24010075-01	CA-3110019-DST-DST-1498 Christy Ln.	01/02/2024 14:20	1/2/2024

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Coliform, Total	SM 9223 B	Absent	P/A	0	MG	01/02/2024 16:42	
Escherichia Coli	SM 9223 B	Absent	P/A	0	MG	01/02/2024 16:42	

Original

SilverState Analytical Laboratories

Sierra Environmental Monitoring | EnviroTech

ssalabs.com | sem-analytical.com | envirotechonline.com

3626 E. SUNSET RD., STE 100, LAS VEGAS, NV 89120
Phone (702) 873-4478 Fax: (702) 873-7967 (EPA#: NV00930, CA2685)

1135 FINANCIAL BOULEVARD, RENO, NV 89502
Phone (775) 857-2400 Fax: (888) 398-7002 (EPA#: NV00015, CA2526)

24010075

CHAIN-OF-CUSTODY-RECORD

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Report Results To:

Report Attention: John O'Neal | Project Number: Water System

Company: Squaw Valley Mutual Water Company

Mailing Address: P.O. Box 2276

City, State, Zip: Olympic Valley CA 96146

Phone: 775-225-5784 Email: ops@squawvalleymutualwater.com

Send Invoice To:

Invoice Attention: Mike Dobrowski PO# Quote #

Company: Squaw Valley MWC

Mailing Address: PO box 2276

City, State, Zip: Olympic Valley CA 96146

Phone: 775.554.2006 Email: Accounting@SquawValleyMutualWater.com

COMPLIANCE MONITORING? Yes ☑ No ☐ | NEW ADDRESS? Results: ☐ Invoice: ☐

Applicable Program

SDWA ☑ CWA ☐ RCRA ☐ Mining ☐ Other _____

QC Level Report

I II III IV

NOTE: Surcharges apply to Level II, III and IV reports

Sampled by: John O'Neal Signature:

ANALYSES REQUESTED

I attest to the validity and authenticity of the sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time is considered fraud and may be grounds for legal action. Samples may be subcontracted as necessary.

Send Results Via: Mail: ☑ Email: ☑ EDD: ☐

Send Invoice Via: Mail: ☑ Email: ☑

Standard: ☑ Standard TAT 7-10 Business Days. Note that some tests vary.

Rush

☐ Same Day: ☐ 3 Day: ☐ Other (specify): _____

☐ 1 Day: ☐ 4 Day:

☐ 2 Day: ☐ 5 Day:

Rush results will be issued after 4:00 p.m.

NOTE: A Rush Surcharge is applied for rush samples

Other Pertinent Information / Special Instructions

Call John O'Neal at 775.255.5784 with all Bac T results

4°

Field Measurements

On-Site pH: Chlorine:

Temperature: Other:

Date Sampled	Time Sampled	Sample Identification	SSAL - SEM Lab No.	Comp. Grab	Matrix*	Preservative**	Number / Type of Containers ***	P/A Bac T													
1-2-24	14:20	~~CA-3110019-DST-DST-1615 Summit Peak Road~~																			
		CA-3110019-DST-DST-1498 Christy Ln. *			GW			X													
		~~CA-3110019-004-004-WELL 01 - RAW~~																			
		~~CA-3110019-005-005-WELL 02 - RAW~~																			
		~~CA-3110019-006-006-West HZ WELL - RAW~~																			COMMENTS:

	Signature	Print Name	Company	Date	Time
Relinquished By:		John O'Neal	Squaw Valley MWC	1-2-24	16:07
Received By:		Marina Redayen	SGS	1.2.24	1607
Relinquished By:					
Received By:					
Relinquished By:					
Received By:					
Authorized By:					

Authorization is required to process samples. This obligates your organization for service fees. SSAL Standard T & C's or other written agreement applies. If collections or legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.

Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply.
The analytical results associated with this COC apply only to these samples as they are received by the laboratory.
The liability of the laboratory is limited to the amount paid for the report.

Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other

Container*** P-Plastic, G-Glass, V-Voa Vial, OT-Other

Preservative** 1=H_2SO_4, 2=HNO_3, 3=HCl, 4=NaOH, 5=$Na_2S_2O_3$, 6=None, 7=Other

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Definitions & Qualifiers

WO#: **24010075**
Date: **1/3/2024**

Definitions:

LCS: Laboratory Control Sample; prepared by adding a known mass of target analytes to a specified amount of de-ionized water and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: LCS Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

MBLK: Method Blank; a sample of similar matrix that is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, and in which no target analytes
or interferences are present at concentrations that impact the analytical results for sample analyses.

MS: Matrix Spike; prepared by adding a known mass of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: Matrix Spike Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

RPD: Relative Percent Difference; comparison between sample and duplicate and/or MS and MSD.

PQL: Practical Quantitation Limit; the limit to which data is quantitated for reporting.

MDL: Method Detection Limit; the limit to which the instrument can reliably detect.

MCL: Maximum Contaminant Level; value set according to EPA guidelines.

Qualifiers:

* - Analyte exceeds Safe Drinking Water Act MCL, does not meet drinking water standards.
C - Analyte value below Safe Drinking Water Act MCL, does not meet drinking water standards.
B - Analyte found above the PQL in associated method blank.
G - Calibration blank analyte detected above PQL.
H - Sample analyzed beyond holding time for this parameter.
J - Estimated Value; Analyte found between MDL and PQL limits.
L - Sample concentration is at least 5 times greater than spike contribution. Spike recovery criteria do not apply.
R - RPD between sample and duplicate sample outside the RPD acceptance limits.
S - Batch MS and/or MSD were outside acceptance limits, batch LCS was acceptable.
W - Sample temperature when recieved was out of limit as specified by method.
Z - Batch LCS and/or LCSD were outside acceptance limits.