

**SUN VALLEY WATER & SEWER DISTRICT
REGULAR MEETING
AGENDA IN THE COUNCIL CHAMBER OF THE SUN VALLEY CITY HALL
8:30 A.M., Tuesday, February 21, 2023**

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ALL ITEMS LISTED ON THIS AGENDA ARE POTENTIAL ACTION ITEMS AND VOTES MAY BE TAKEN ON ANY ITEM LISTED

- **CALL TO ORDER**
- **APPROVAL OF MINUTES** Regular Meeting of January 17, 2023
- **FINANCIAL REPORT**
- **APPROVAL CHECK VOUCHERS AND PAYROLL**

1. Payment Approval Report Unpaid over \$5,000 excluding recurring 01/16/23 - 02/19/23:	\$ 48,765.86
2. Paid Invoice Report 01/16/23 - 02/19/23:	\$ 180,161.43
3. Payroll 12/19/22-01/01/23:	\$ 15,348.42
4. Payroll 01/02/23-01/15/23:	\$ 13,651.12
5. Payroll 01/16/23-01/29/23:	\$ 14,201.48
6. Well Fargo Credit Card Statement:	\$ 265.29
7. New Vendor: none	
- **WATER PUMPED (January 2023):** 59,095,800 [ReUse = zero]
- **SEWER FLOWS (January 2023)**

<i>ELKHORN</i>	<i>5,113,000</i>	
<i>SUN VALLEY</i>	<i>10,626,000</i>	
TOTAL (SV)	15,789,000	44.17%
KETCHUM	19,955,000	55.83%
- **KSTP REPORT**
- **KSTP C.I.P.: HDR TASK #15**
- **MID VALLEY SEWER, LLC - G. KIRK**
- **ENGINEERING- Updates**
- **ONGOING PREVENTATIVE MAINTENANCE ITEMS - Recent Events, Alt Valves, Cla-Vals, Lift pumps, Elkhorn Meter (discussion)**
- **BANYAN CONTRACT - Renewal**
- **SVWS DISTRICT ELECTIONS (no docs)**
- **UPDATES on Weyyakin, Sage Willow, BackPay, Well Field (no docs)**
- **PUBLIC COMMENT**
- **MARCH QUARTERLY BILLING - spring season communication**
- **EXECUTIVE SESSION**
Pursuant to, and subject to the limitation of, Idaho Code § 74-206, the Board of Directors may hold an executive session, upon the adoption, by roll call vote, of a motion to do so which includes a description of the exact purpose for which it is being held.
- **ADJOURNMENT**

Any person needing special accommodations to participate in the above noticed meeting should contact the Sun Valley Water & Sewer District prior to the meeting at (208) 622-7610.

**SUN VALLEY WATER AND SEWER DISTRICT
REGULAR MEETING OF THE BOARD OF DIRECTORS
IN THE COUNCIL CHAMBERS OF THE SUN VALLEY CITY HALL and via conference call
Tuesday, January 17, 2023 - 8:30 a.m.**

PRESENT

Jim Loyd, Chairman
Doug Brown, Secretary
Jim Lake, Director
Rick Webking, Director
Peter Hendricks, Director

ALSO PRESENT

Jeanene Parker, Treasurer
Evan Robertson, Counsel
Mick Mummert, KSTP
Marybeth Collins, Office Manager

CALL TO ORDER

Chairman Loyd called the Regular Meeting to order at 8:33 a.m., with quorum being established.

APPROVAL OF MINUTES

Director Brown motioned to approve the minutes as presented. Director Webking seconded the motion, which then passed unanimously.

FINANCIAL REPORT AND APPROVAL

Treasurer Jeanene Parker spoke to working with BS&A for financial software transition, year end financial preparations and planned BS&A onsite for February. Director Webking inquired about operating expenses which are notably increased in a December 2022 vs December 2021 comparison. The bulk of this fluctuation related to bills for Fall 2022 preventative maintenance billing (altitude valve #2, CIEF and SCIFE funding [annual], and some waterline repairs on Saddle and Bluebell)

Director Webking motioned to approve the items one (1) through six (6), plus the addition of the new vendors proposed, on the agenda as follows:

- (1) Approval Report Unpaid over \$5,000 excluding recurring for the period 12.19.22 – 01.15.23 for \$131,810.10;
- (2) the Paid Invoice Report for the period 12.19.22 – 01.15.23 for \$244,078.17;
- (3) the Payroll Report for the period 11.21.22 – 12.04.22 for \$11,494.47;
- (4) the Payroll Report for the period 12.05.22 – 12.18.22 for \$13,136.19;
- (5) the Wells Fargo Credit Card Statement in the amount of \$1,250.29;

As a part of this motion, Director Webking included the approval of the annual list for approved recurring invoices (utilities, etc.) Director Brown seconded the motion. The motion passed unanimously.

WATER PUMPED, SEWER FLOWS

Director Webking noted that the water pumped totals for 2022, in comparison to the last 16 years of water produced by the District was the 5th lowest year. While several factors (including unusual rainfall in summer season) occurred, this reduced consumption suggests that local conservation efforts are being made by the residents of Sun Valley.

WASTEWATER TREATMENT PLANT REPORT

Mick provided that the holiday daily rate of about 1.5M gallons being treated daily was back down to the regular levels of about 1.3M gallons per day. He spoke to the current capex item being designed, the aeration basin which will include a mixed liquor design (an item new to KSTP) and which is intended to aide with ammonia and nitrogen as well as help with the air required in treatment processes, thus saving some operational expenses. The new fan will have a larger range of control (more speeds to meet varying needs). He and Jeff are scheduled for a trip to a treatment facility in Fruitland to review a similar system already functioning. Additionally, they will be attending the IWUA annual conference with the goal of listening in on the PFAs conversation planned. KSTP has added its name to the possible class action suit for the PFAs issue as well. Mick confirmed that the drafted composting pile project report was substantially finalized and ready to be submitted to DEQ for its review and hopefully its acceptance.

Director Webking inquired about the capital plans in process, and how KSTP communicates with SVWSD about these items. Mick affirmed that SVWSD has been included in the planning conversation, the Board has reviewed agreements in advance, and that SVWSD is included in the current monthly HDR meetings. HDR has the lead on these communications for both entities.

ENGINEERING

Director Webking inquired about the capital plans in process, and how KSTP communicates with SVWSD about these items. Mick affirmed that SVWSD has been included in and throughout the planning conversation, the Board has reviewed all agreements in advance, and that SVWSD is included in the current monthly HDR meetings. HDR has the lead on these communications for both entities.

Jacobs has four items on the radar for SVWSD operations and capital projects including the altitude valve installation, White Clouds Inter-tie project, Well 11 Emergency Generator and Well 14.

KSTP – MEMO OF UNDERSTANDING

Counsel noted that the City of Ketchum and the District have been utilizing an agreement form 1984 to share capital and operational costs for KSTP. Given the scope of work and estimated capital expenses reflected in the recently completed facilities management plan for KSTP, the City of Ketchum requested a memo of understanding that affirms the shared commitment to the treatment plant. Evan has been working through this updated document and included both a document and the attached exhibit A, listing out the capital items and estimated time frame. This

Director Webking motioned to authorize the Chairman to execute the proposed Memo of Understanding as presented. Director Hendricks seconded the motion, which then passed unanimously.

Director Hendricks applauded Counsel on creating a useful document of a single page.

WEYYAKIN OUT OF DISTRICT

Counsel referenced an agreement the Board has reviewed on previous occasion, an Out of District request originally brought to the Board by Morley Golden and Jim Laski for some existing and some new structures planned for Weyyakin. While this sewerline work has been completed, the Developer passed away which has resulted in the project has slowing and the City of Ketchum as well as the HOA have expressed some questions about the original agreement. Counsel planned to speak with Mr Laski about the document today. The Board sought to support Counsel’s conversation via approval of the drafted agreement.

Director Webking motioned to approve the drafted agreement as presented. Director Hendricks seconded and the motion passed unanimously.

SAGEWILLOW

A single-family residence located at the end of SageWillow, near the reservoir, was found to have low water pressure at the time of original construction, due to proximity. A booster pump was installed, to create water pressure for the specific structure. This booster, located outside of the original structure, is the property of the District. Subsequently, the Homeowner expanded the residence and constructed a garage over the booster pump vault, making access to booster problematic. The property was recently sold to a new Owner, and Evan had prepared a letter of introduction to the new Owner which includes discussion of access for current and future issues with District assets. The Board agreed with the letter and the planned follow up with the new owner.

CLOUDSEEDING

Cloudseeding has been a part of the conservation conversation for some years although it has been difficult to quantify the beneficial volume of this investment, and IDWR has established a plan to create new ways to demonstrate the cost-benefit review for this program.

ADJOURNMENT

Having no further business to conduct, Chairman Loyd declared the meeting adjourned at 9:43 a.m.

Chairman, Jim Loyd

ATTEST:

Secretary, Doug Brown

SUN VALLEY WATER & SEWER DISTRICT

TO: PAT MCMAHON AND THE BOARD OF DIRECTORS

FROM: JEANENE PARKER

DATE: February 21, 2023

SUBJECT: TREASURER'S REPORT

1. Department Activities
 - BS&A Software – Onsite process Discovery scheduled 2/23/23
 - Meter Reconciliation
 - McHanville LID billing
 - Regular Business
2. Financial Position
3. Financial Results
4. Financial Statements (Caselle)
5. Director Monthly Reporting
6. Payment Approval Report (Over 5,000) (with backup)
7. Capital Projects Report (with backup)
8. Paid Invoice Report
9. Payroll Approval (3 cycles)
10. Wells Fargo Credit Card Statement

Sun Valley Water & Sewer District - Fiscal Year Ending November 30, 2023							
Format consistent with Approved Budget	12/31/2022	12/31/2021	1/31/2023	1/31/2022	FYTD	APPROVED BUDGET	PERCENT ACHIEVED
% Of Fiscal year that has elapsed>>>	8%		17%				
SUMMARY FINANCIAL DASHBOARD							
REVENUES							
Water & Sewer Charges	381,598	361,049	7,259	33,664	388,857	1,726,000	22.53%
Irrigation/Sprinkling Charges	784	1,276	996	476	1,780	1,122,000	0.16%
Property Taxes - General	93,035	89,339	93,151	89,829	186,186	1,109,266	16.78%
Property Taxes - Water & Sewer Bonds	27,330	27,220	27,371	27,384	54,700	325,775	16.79%
State Sales Tax and Other Revenues	39,200	26,674	25,644	1,152	64,845	238,800	27.15%
McHanville LID	769	31	872	33	1,641	2,000	82.05%
Capital Reimbursements						9,856	
Total Revenue	542,716	505,590	155,293	152,539	698,009	4,533,697	15.40%
Use of (Addition to) Unappropriated Funds	-167,850	-237,189	109,310	132,249	-58,540	6,862,526	-0.85%
Total Revenues	374,866	268,401	264,603	284,788	639,469	11,396,223	5.61%
EXPENDITURES							
Salaries and Related Expenses	53,271	60,166	83,923	89,180	137,193	1,022,100	13.42%
Operating Expenses	190,065	78,328	57,333	54,668	247,398	2,237,700	11.06%
KSTP Expenses	39,901	38,869	40,681	42,296	80,582	850,000	9.48%
Depreciation & Amortization	79,105	79,279	79,105	79,298	158,209	1,250,000	12.66%
Non Operating Expenditures-Debt Service Interest 2018 Bond	575	2,269	575	2,269	1,150	17,654	6.51%
Non Operating Expenditures-Debt Service Interest McHanville LID	250	319	250	319	500	3,451	14.49%
Capital Improvements - WIP	11,700	9,170	2,736	16,758	14,436	5,700,801	0.25%
Total Monthly Expenditures	374,866	268,401	264,603	284,788	639,469	11,081,706	5.77%
Monthly Excess of Revenues over Expenditures	167,850	237,189	-109,310	-132,249	58,540		
Running Excess/Deficit of Revenues over Expenditures	167,850	237,189	58,540	104,940	58,540		
Net	0	0	0	0	0	-	

Decrease over ly due to reduced snowmaking.

Increase over ly due to LGIP distribution yield up 2.97%; 1 new water/sewer hu fee for 114 Baldy View Ln.

Increase due to 3 payroll periods & board payroll.

Decrease due to GGWD Dues, CEIS/SCIPES to BWRGWMA and Altitude Valve to Ferguson paid in Dec

Sun Valley Water & Sewer District
 Fiscal Year Ending November 30, 2023

Format Consistent with Approved Budget

	11/30/2022	12/31/2022	1/31/2023
% Of Fiscal year that has elapsed>>>	FYE		
SUMMARY BALANCE SHEET			
		8%	17%
ASSETS			
Cash - Operating	255,489	291,870	249,236
Cash - Restricted	2,216	19,833	2,277
Investments	7,858,181	8,102,189	8,801,949
TOTAL CASH & EQUIVALENTS	8,115,886	8,413,892	9,053,461
Taxes Receivable	1,439,347	1,362,679	548,288
Accounts Receivable	162,928	67,900	31,408
Other Current Assets	57,488	58,204	54,452
TOTAL CURRENT ASSETS	9,775,648	9,902,675	9,687,609
Property Plant & Equipment Net of Acc Depreciation	14,711,533	14,669,142	14,614,678
Deferred Charge, Net Amortization, KSTP Contributions Assets, net of accumulated amortization	5,218,586	5,196,681	5,174,777
TOTAL ASSETS	<u>29,705,767</u>	<u>29,768,499</u>	<u>29,477,064</u>
LIABILITIES			
Current Portion of Long Term Debt	308,113	308,113	308,113
Other Current Liabilities	270,285	273,053	207,778
TOTAL CURRENT LIABILITIES	578,398	581,166	515,891
Bonds Payable	297,902	297,902	297,902
TOTAL LIABILITIES	876,299	879,067	813,793
NET POSITION	<u>28,829,468</u>	<u>28,889,431</u>	<u>28,663,271</u>
NET POSITION			
Contributions from Developers	4,770,493	4,770,493	4,770,493
Net Pension Liability	349,735	349,735	349,735
Deferred Inflow - Taxes	1,437,426	1,317,840	1,198,253
Retained Earnings - Reserved & Unappropriated	22,271,814	22,451,364	22,344,790
	<u>28,829,468</u>	<u>28,889,431</u>	<u>28,663,271</u>
BONDS OUTSTANDING			
2018 Bond, 4.200-4.50% due Aug 2024	551,675	551,675	551,675
2009 McHanville LID Bonds, 6.35% due 2029	54,340	54,340	54,340
Bonds Current Portion	(308,113)	(308,113)	(308,113)
	<u>297,902</u>	<u>297,902</u>	<u>297,902</u>

SUN VALLEY WATER & SEWER DIST
BALANCE SHEET
JANUARY 31, 2023

ASSETS

CURRENT ASSETS

CASH

1-01-00	CASH - OPERATING CHECKING	249,236.24
1-02-00	CASH - 2018 BOND FUND (2007)	1,166.53
1-05-00	CASH -'04 KSTP CONSTRUCT. FUND	501.29
1-05-01	CASH -'08 MCHANVILLE LID	608.68

TOTAL CASH	251,512.74
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TAXES RECEIVABLE

1-06-00	TAXES RECEIVABLE - CURRENT	424,046.61
1-09-00	TAXES RECEIVABLE-CURRENT-BOND	124,241.14

TOTAL TAXES RECEIVABLE	548,287.75
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ACCOUNTS RECEIVABLE

1-15-00	ACCOUNTS RECEIVABLE - OTHER	258.83
1-16-00	ACCOUNTS RECEIVABLE METERED LO	21,865.23
1-17-00	ACCOUNTS RECEIVABLE W/S TRADE	9,283.82

TOTAL ACCOUNTS RECEIVABLE	31,407.88
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1-41-00	INVENTORY OF SUPPLIES	46,393.63
1-48-00	INVESTMENTS-2018 BOND RPAY FND	239,193.62
1-50-00	INVESTMENTS - GENERAL FUND	7,675,785.57
1-51-00	INVESTMENTS - CAP RESERVE FUND	103,539.90
1-52-00	SEWER REPLACEMENT/REPAIR FUND	448,354.83
1-54-00	INVESTMENTS-'04 KSTP CONST FND	2,049.70
1-54-01	INVESTMENTS-'08 MCHANVILLE LID	333,024.93
1-55-00	PREPAID EXPENSES	8,058.04

TOTAL	8,856,400.22
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TOTAL CURRENT ASSETS

9,687,608.59

SUN VALLEY WATER & SEWER DIST
BALANCE SHEET
JANUARY 31, 2023

FIXED ASSETS		
PROPERTY PLANT & EQUIPMENT		
1-61-00	FIXED ASSETS - LAND	668,769.88
1-62-00	FIXED ASSETS - BUILDINGS	564,919.11
1-63-00	FIXED ASSETS-IMPR NOT BLDG WTR	17,153,643.28
1-64-00	FIXED ASSETS-IMPR NOT BLDG SEW	4,088,030.93
1-65-00	FIXED ASSETS - MACH/EQ - WATER	452,242.61
1-66-00	FIXED ASSETS - MACH/EQ - SEWER	554,358.40
1-67-00	FIXED ASSETS - OFFICE EQUIPMNT	116,165.19
1-68-00	FIXED ASSETS - W.I.P. - WATER	197,404.62
1-69-00	FIXED ASSETS - W.I.P. - SEWER	33,634.55
1-69-50	FIXED ASSETS - REUSE	4,613,070.63
		4,613,070.63
	TOTAL PROPERTY PLANT & EQUIPMENT	28,442,239.20
ACCUM DEPRECIATION		
1-72-00	DEPRECIATION - BUILDINGS	(501,895.36)
1-73-00	DEPR - IMPR NOT BLDG - WATER	(9,023,297.86)
1-74-00	DEPR - IMPR NOT BLDG - SEWER	(2,556,833.38)
1-75-00	DEPR - MACH/EQUIP - WATER	(411,838.33)
1-76-00	DEPR - MACH/EQUIP - SEWER	(291,511.10)
1-77-00	DEPR - OFFICE EQUIPMENT	(114,335.92)
1-78-00	DEPR - REUSE	(927,848.89)
		(13,827,560.84)
	TOTAL ACCUM DEPRECIATION	(13,827,560.84)
DEFERRED CHARGES		
1-96-00	CONTRIBUTION - KSTP (ASSET)	13,234,213.71
1-97-00	ACCUMULATED AMORTIZATION KSTP	(8,243,638.83)
1-99-00	DOF OF RES.-PENSION OBLIGATION	184,202.00
		184,202.00
	TOTAL DEFERRED CHARGES	5,174,776.88
	TOTAL FIXED ASSETS	19,789,455.24
		19,789,455.24
	TOTAL ASSETS	29,477,063.83

SUN VALLEY WATER & SEWER DIST
BALANCE SHEET
JANUARY 31, 2023

LIABILITIES AND EQUITY

LIABILITIES

CURRENT LIABILITIES

2-01-00	ACCOUNTS PAYABLE	91,137.71
2-11-00	CURRENT PORTION LONG TERM DEBT	308,113.00
2-12-00	ACCR INT PAYABLE ON BONDS	7,697.15
2-16-00	SALARIES PAYABLE	18,790.27
2-17-00	SIT - PAYROLL TAXES PAYABLE	804.00
2-18-00	FIT - PAYROLL TAXES PAYABLE	2,179.10
2-19-00	FICA - PAYROLL TAXES PAYABLE	3,194.82
2-21-00	INS - PAYROLL DEDUCT PAYABLE	7,502.41
2-21-10	HSA PAYABLE	687.29
2-23-00	PERS - PAYROLL TAXES PAYABLE	3,935.82
2-24-00	DEF COMP - PAYROLL TAXES PAY	71,366.32
2-25-00	PERSI - 401K DEFINED CONTRIB.	483.60

TOTAL CURRENT LIABILITIES	515,891.49
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LONG TERM LIABILITIES

2-38-00	2009 MCHANVILLE LID PRINCIPAL	54,339.54
2-39-00	BONDS CURRENT PORTION	(308,113.00)
2-40-00	2018 BONDS	551,675.00

TOTAL LONG TERM LIABILITIES	297,901.54
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TOTAL LIABILITIES		813,793.03
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FUND EQUITY

2-63-00	CONTRIBUTIONS FROM DEVELOPERS	4,770,492.56
2-65-00	NET PENSION LIABILITY	(11,285.00)
2-68-00	DIF OF RES-EMPLOYER PENS ASSUM	361,020.00
2-69-00	DEFERRED INFLOW - TAXES	1,198,252.79
2-73-00	RETAINED EARNINGS - RESERVED	1,324,818.74

UNAPPROPRIATED FUND BALANCE:

2-72-00	RETAINED EARNINGS - UNRESERVED	20,946,995.32
	REVENUE OVER EXPENDITURES - YTD	72,976.39

BALANCE - CURRENT DATE	21,019,971.71
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TOTAL FUND EQUITY		28,663,270.80
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TOTAL LIABILITIES AND EQUITY		29,477,063.83
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SUN VALLEY WATER & SEWER DIST
REVENUES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING JANUARY 31, 2023

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
WATER AND SEWER REVENUE					
OPERATING REVENUES					
3-38-00	5,270.35	102,393.95	425,500.00	323,106.05	24.1
3-39-00	386.84	89,948.23	415,000.00	325,051.77	21.7
3-40-00	1,064.36	92,782.05	414,000.00	321,217.95	22.4
3-41-00	537.74	103,732.69	471,500.00	367,767.31	22.0
3-42-00	937.86	1,663.20	402,000.00	400,336.80	.4
3-43-00	58.62	117.24	720,000.00	719,882.76	.0
3-45-00	75.00	375.00	1,500.00	1,125.00	25.0
3-46-00	75.00	375.00	1,500.00	1,125.00	25.0
TOTAL OPERATING REVENUES	8,405.77	391,387.36	2,851,000.00	2,459,612.64	13.7
NON-OPERATING REVENUES					
3-01-00	93,150.50	186,185.82	1,109,266.00	923,080.18	16.8
3-02-00	27,370.65	54,700.30	325,775.00	271,074.70	16.8
3-19-00	359.48	458.66	.00	(458.66)	.0
3-34-00	.00	.00	65,000.00	65,000.00	.0
3-47-00	3,100.00	15,500.00	62,000.00	46,500.00	25.0
3-49-00	1,900.00	9,500.00	38,000.00	28,500.00	25.0
3-69-00	46.00	46.00	13,000.00	12,954.00	.4
3-71-00	19,688.75	37,835.57	50,000.00	12,164.43	75.7
3-72-00	270.91	509.99	900.00	390.01	56.7
3-73-00	.00	.00	2,500.00	2,500.00	.0
3-75-00	5.66	10.67	400.00	389.33	2.7
3-76-00	123.55	233.92	4,500.00	4,266.08	5.2
3-78-00	871.70	1,641.01	1,500.00	(141.01)	109.4
3-90-00	.00	.00	9,856.00	9,856.00	.0
TOTAL NON-OPERATING REVENUES	146,887.20	306,621.94	1,682,697.00	1,376,075.06	18.2
TOTAL REVENUE	155,292.97	698,009.30	4,533,697.00	3,835,687.70	15.4

SUN VALLEY WATER & SEWER DIST
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 2 MONTHS ENDING JANUARY 31, 2023

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
WATER AND SEWER EXPENSE					
SALARIES & RELATED EXPENSES					
4-01-11 SALARIES - BOARD	1,650.00	1,650.00	12,000.00	10,350.00	13.8
4-01-12 SALARIES - ADMINISTRATION	33,121.40	54,218.85	325,500.00	271,281.15	16.7
4-01-13 SALARIES - OPERATING	29,731.38	49,055.04	395,000.00	345,944.96	12.4
4-01-21 FICA EXPENSE	4,853.84	7,655.15	58,600.00	50,944.85	13.1
4-01-22 HEALTH INSURANCE EXPENSE	6,506.92	13,662.17	125,000.00	111,337.83	10.9
4-01-23 RETIREMENT EXPENSE	7,482.48	10,375.31	81,000.00	70,624.69	12.8
4-01-24 WORKERS' COMPENSATION EXPENSE	.00	.00	25,000.00	25,000.00	.0
4-01-26 HSA EXPENSE	576.90	576.90	.00	(576.90)	.0
TOTAL SALARIES & RELATED EXP	83,922.92	137,193.42	1,022,100.00	884,906.58	13.4
SUPPLIES					
4-02-30 SECURITY EQUIPMENT	.00	.00	40,000.00	40,000.00	.0
4-02-31 OFFICE SUPPLIES	268.49	814.06	25,000.00	24,185.94	3.3
4-02-32 OPERATING SUPPLIES	336.95	784.92	15,000.00	14,215.08	5.2
4-02-34 MINOR EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
4-02-35 FUEL AND OIL	995.41	1,995.42	30,000.00	28,004.58	6.7
4-02-38 JANITORIAL SUPPLIES	.00	19.49	2,000.00	1,980.51	1.0
TOTAL SUPPLIES	1,600.85	3,613.89	117,000.00	113,386.11	3.1
OTHER EXPENSES					
4-03-40 KSTP OPERATIONS	40,680.86	80,581.68	850,000.00	769,418.32	9.5
4-03-41 CONSULTING - PROF FEES	9,352.71	13,626.77	100,000.00	86,373.23	13.6
4-03-42 AUDITING - PROF FEES	.00	.00	25,000.00	25,000.00	.0
4-03-43 ATTORNEY'S FEES	.00	2,170.00	150,000.00	147,830.00	1.5
4-03-44 ADVERTISING & LEGAL PUBLISH	.00	.00	10,000.00	10,000.00	.0
4-03-46 INSURANCE	4,029.00	8,058.00	60,000.00	51,942.00	13.4
4-03-47 TRAVEL, MEETING, ENTERTAINMENT	194.95	266.44	5,000.00	4,733.56	5.3
4-03-48 DUES, SUBSCRIPTIONS	4,803.66	30,168.88	50,000.00	19,831.12	60.3
4-03-49 PERSONNEL TRAINING	291.54	1,053.67	60,000.00	58,946.33	1.8
4-03-50 STUDIES	.00	42,901.88	150,000.00	107,098.12	28.6
4-03-51 TELEPHONE	989.61	1,778.73	12,000.00	10,221.27	14.8
4-03-52 SYSTEM UTILITIES, ELEC/GAS	15,526.25	29,729.01	325,000.00	295,270.99	9.2
4-03-54 RENT - EQUIPMENT OFFICE	349.93	699.86	4,200.00	3,500.14	16.7
4-03-57 UTILITIES - MTC BLDG	1,073.43	1,927.22	8,500.00	6,572.78	22.7
4-03-58 R/M OFFICE EQ	341.07	341.07	1,000.00	658.93	34.1
4-03-59 R/M GROUNDS	.00	.00	35,000.00	35,000.00	.0
4-03-60 R/M - BUILDINGS	106.96	1,289.64	50,000.00	48,710.36	2.6
4-03-61 R/M - AUTO	109.99	549.88	10,000.00	9,450.12	5.5
4-03-62 R/M - WA EQUIPMENT	.00	.00	2,500.00	2,500.00	.0
4-03-63 R/M - WATER SYSTEM	11,986.41	91,831.58	550,000.00	458,168.42	16.7
4-03-64 R/M - SEWER SYSTEM	5,596.86	9,886.32	400,000.00	390,113.68	2.5
4-03-65 R/M - WATER METERS	290.00	647.98	5,000.00	4,352.02	13.0
4-03-67 WATER TEST FEES	110.00	243.00	15,000.00	14,757.00	1.6
4-03-68 ELECTIONS	.00	.00	5,000.00	5,000.00	.0
4-03-69 OTHER EXPENSES	25.00	2,025.00	37,500.00	35,475.00	5.4
4-03-70 R/M - REUSE SYSTEM	86.08	574.58	15,000.00	14,425.42	3.8
4-03-71 R/M SCADA	469.03	4,015.03	35,000.00	30,984.97	11.5

SUN VALLEY WATER & SEWER DIST
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING JANUARY 31, 2023

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL OTHER EXPENSES	96,413.34	324,366.22	2,970,700.00	2,646,333.78	10.9
CAPITAL					
4-04-70 DEPRECIATION EXPENSE	57,200.27	114,400.54	900,000.00	785,599.46	12.7
4-04-73 AMORTIZ OF CONTRIBUTION - KSTP	21,904.42	43,808.84	350,000.00	306,191.16	12.5
TOTAL CAPITAL	79,104.69	158,209.38	1,250,000.00	1,091,790.62	12.7
DEBT SERVICE					
4-05-81 INTEREST EXPENSE FOR BONDS	575.00	1,150.00	17,654.00	16,504.00	6.5
4-05-84 INTEREST EXPENSE- LID	250.00	500.00	3,451.00	2,951.00	14.5
TOTAL DEBT SERVICE	825.00	1,650.00	21,105.00	19,455.00	7.8
TOTAL DEPARTMENT EXPENSE	261,866.80	625,032.91	5,380,905.00	4,755,872.09	11.6
NET REVENUE OVER EXPENDITURES	(106,573.88)	72,976.39	(847,208.00)	(920,184.39)	8.6

SUN VALLEY WATER & SEWER DISTRICT COMPARISON JANUARY 2023

	DECEMBER		JANUARY			FEBRUARY		MARCH		APRIL		MAY	
	2022	2021	2023	2022	2022	2021	2022	2021	2022	2021	2022	2021	
WELL PRODUCTION	64,501	50,126	59,096	52,832	44,683	38,194	46,319	42,376	41,988	40,593	72,643	104,723	
ELKHORN GOLF Domestic	0	0	0	0	0	0	0	0	0	0	0	0	
ELKHORN GOLF Reuse	0	0	0	0	0	0	0	0	941	2,684	7,804	13,533	
DOLLAR Snowmaking	11,226	10,243	1,988	19,072	2,526	0	76	0	0	140	0	0	
KSTP Plant Total	34,963	33,746	35,744	35,452	36,206	33,240	36,972	36,350	32,117	31,396	40,891	36,031	
Ketchum Total	20,548	16,465	19,955	17,216	19,002	18,073	17,435	19,362	15,046	15,917	19,639	16,735	
SVWSD Total	14,415	17,281	15,789	18,236	17,204	15,167	19,537	16,988	17,071	15,479	21,252	19,296	
SVWSD %	41.23%	51.21%	44.17%	51.44%	47.52%	45.63%	52.84%	46.73%	53.15%	49.30%	51.97%	53.55%	
KSTP Operating Expense	39,901	32,929	40,681	42,296	44,427	31,113	51,205	36,341	56,159	46,210	53,205	35,829	
System Utility	14,203	11,330	15,527	13,122	11,764	11,622	11,792	11,349	12,279	10,302	12,971	14,913	
Property Tax	59,263	42,944	629,434	559,645	18,798	21,642	16,392	8,328	8,317	9,007	7,602	11,740	
2007 Bond (Refin 2018)	17,405	13,570	184,958	170,623	5,727	6,839	4,994	2,632	2,534	2,846	2,316	3,710	

	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER	
	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021
WELL PRODUCTION	129,947	174,257	182,452	188,897	181,003	163,122	119,699	137,250	50,541	67,986	54,224	41,353
ELKHORN GOLF Domestic	0	0	4,362	1,369	0	6	0	0	0	0	0	0
ELKHORN GOLF Reuse	13,070	21,362	17,834	18,181	16,642	14,607	10,018	12,936	5,060	3,730	0	0
DOLLAR Snowmaking	48	0	162	0	0	0	0	0	707	0	12,172	0
KSTP Plant Total	52,682	41,209	44,262	40,107	34,671	36,436	29,833	29,401	28,919	31,443	26,937	27,697
Ketchum Total	30,097	18,218	23,165	18,683	15,948	17,218	14,336	13,451	14,574	18,040	13,995	13,589
SVWSD Total	22,585	22,619	21,097	21,424	18,723	19,218	15,497	15,950	14,345	13,403	12,942	14,108
SVWSD %	42.87%	55.39%	47.66%	53.42%	54.00%	52.74%	51.95%	54.25%	49.60%	42.63%	48.05%	50.90%
KSTP Operating Expense	40,119	41,208	43,878	59,389	59,863	40,198	113,885	67,769	61,034	45,873	55,137	37,052
System Utility	20,466	10,272	33,657	35,363	38,882	34,493	35,137	29,495	19,740	23,443	12,084	11,679
Property Tax 1-06	38,598	67,595	287,803	266,961	17,073	13,489	5,889	4,476	1,168	201	0	304
2018 Bond 1-09	11,760	21,360	87,800	84,472	5,202	4,263	1,794	1,414	356	66	0	96

Report Criteria:

Detail report.

Invoices with totals above \$5000.00 included.

Only unpaid invoices included.

Vendor.Name = {NOT LIKE} "IDAHO POWER","INTERMOUNTAIN GAS","CASELLE INC.,"CENTURY LINK","COX BUSINESS SERVICES","IDAHO DEQ","Verizon Wireless","WELLS FARGO FINANCIAL LEASING","Wells Fargo Payment Remittance Ctr","AA TANKS CO"

GL Acct No	Vendor Name	Description	Net Invoice Amount
515			
4-03-40 KSTP OPERATIONS			
	Ketchum, City of	KSTP OPERATINGS/JAN 23	40,680.86
Total 515:			40,680.86
741			
4-03-43 ATTORNEY'S FEES			
	J. EVAN ROBERTSON P.A.	ATTORNEY'S FEES - DEC	2,170.00
	J. EVAN ROBERTSON P.A.	ATTORNEY'S FEES - NOV	5,915.00
Total 741:			8,085.00
Grand Totals:			48,765.86



CITY OF KETCHUM
 P.O. Box 2315
 Ketchum ID 83340
 Phone: (208) 726-7801
 Fax: (208) 726-7812

INVOICE

Date	Number	Page
02/13/2023	6344	1

Bill To: SUN VALLEY WATER & SEWER DISTRICT

SUN VALLEY ID 83353

Customer No. 385

Project: PO BOX 2410

Terms: Open Terms

Invoice Due Date: 01/01/0001

Quantity	Description	Unit Price	Net Amount
1	SUN VALLEY WA & SW DISTRICT CHARGE 4-03 AD	40,680.86	40,680.86

Please remit payment via:
<https://www.ketchumidaho.org/administration/page/online-payments>
 OR
 City of Ketchum
 PO Box 2315
 Ketchum, ID 83340

Amount	40,680.86
Balance Due	<u>40,680.86</u>

**SUN VALLEY WATER AND SEWER DISTRICT
SEWER TREATMENT PLANT OPERATIONAL EXPENSES**

MONTH ENDING: January 2023

IN FAVOR OF:	STP CHARGE	SUN VALLEY 44.17%
Expenditures (SEE ATTACHED)	\$ 28,262.12	\$ 12,483.38
Payroll	\$ 35,436.81	\$ 15,652.44
Retirement	\$ 4,231.15	\$ 1,868.90
FICA	\$ 2,710.92	\$ 1,197.41
Health Insurance	\$ 20,188.51	\$ 8,917.27
Dental Insurance	\$ 463.23	\$ 204.61
Long Term Disability	\$ 148.89	\$ 65.76
NBS - HRA Admin Fees	\$ 37.43	\$ 16.53
Insurance Admin Fees	\$ -	\$ -
NBS - HRA for 2022	\$ -	\$ -
NBS - Vision HRA for 2022	\$ -	\$ -
Worker's Compensation	\$ 621.59	\$ 274.56
TOTALS	\$ 92,100.64	\$ 40,680.86

KETCHUM%	55.83%
KETCHUM DOLLAR SHARE	\$ 51,419.78
SUN VALLEY%	44.17%
SUN VALLEY DOLLAR SHARE	\$ 40,680.86

Capital Expenditures	Expense	50%
		-
		-
		-
		-
		-
	TOTAL	\$ -

Total Due **\$40,680.86**

Report Criteria:

Report type: GL detail

Vendor.Name = (NOT LIKE) "DIG LINE"

Invoice Detail.GL Account = 6543503100,6543503200-6543503600,6543503800-6543506100

GL Period	Check Issue Date	Check Number	Payee	Invoice Number	Invoice GL Account	Check Amount
01/23	01/03/2023	89657	A.C. HOUSTON LUMBER CO.	2212-520280	65-4350-6100	24.99 ✓
01/23	01/03/2023	89658	ALSCO - AMERICAN LINEN DIVISIO	LBOI2044150	65-4350-3200	24.26 ✓
01/23	01/03/2023	89658	ALSCO - AMERICAN LINEN DIVISIO	LBOI2044151	65-4350-3200	136.40 ✓
01/23	01/17/2023	89721	ALSCO - AMERICAN LINEN DIVISIO	LBOI2047711	65-4350-3200	24.26 ✓
01/23	01/17/2023	89721	ALSCO - AMERICAN LINEN DIVISIO	LBOI2047712	65-4350-3200	136.40 ✓
01/23	01/17/2023	89722	ANALYTICAL LABORATORIES, INC.	96338	65-4350-4200	349.38 ✓
01/23	01/03/2023					
01/23	01/03/2023					
01/23	01/03/2023					
01/23	01/03/2023	89717	ATKINSONS' MARKET	04296528	65-4350-3200	10.33 ✓
01/23	01/03/2023	89717	ATKINSONS' MARKET	05606513	65-4350-3200	10.22 ✓
01/23	01/17/2023					
01/23	01/17/2023	89727	AWSI	556270	65-4350-4200	15.00 ✓
01/23	01/17/2023	89727	AWSI	556270	65-4350-4200	33.75 ✓
01/23	01/17/2023	89727	AWSI	556270	65-4350-4200	17.50 ✓
01/23	01/17/2023	89727	AWSI	556270	65-4350-4200	15.00 ✓
01/23	01/17/2023	89727	AWSI	556270	65-4350-4200	15.00 ✓
01/23	01/17/2023	89727	AWSI	556270	65-4350-4200	15.00 ✓
01/23	01/17/2023	89734	BUSINESS AS USUAL INC.	160959	65-4350-3100	110.18 ✓
01/23	01/17/2023	89738	CENTURY LINK	2087268953 121322	65-4350-5100	63.46 ✓
01/23	01/03/2023	89671	CHATEAU DRUG CENTER	2640129	65-4350-3400	66.48 ✓
01/23	01/17/2023	89739	CHATEAU DRUG CENTER	2645792	65-4350-3200	5.69 ✓
01/23	01/03/2023	89672	CHRISTENSEN INC.	1009139	65-4350-3500	434.57 ✓
01/23	01/17/2023	89740	CHRISTENSEN INC.	1010141	65-4350-3500	1,039.78 ✓
01/23	01/03/2023	89688	IDAHO POWER	2202158701 121422	65-4350-5200	10,355.27 ✓
01/23	01/17/2023	89758	IDAHO POWER	2202703357 122022	65-4350-5200	107.25 ✓
01/23	01/17/2023	89758	IDAHO POWER	2206786259 122022	65-4350-5200	55.98 ✓
01/23	01/17/2023	89759	INTERMOUNTAIN GAS	32649330001 122222	65-4350-5200	713.22 ✓
01/23	01/17/2023	89759	INTERMOUNTAIN GAS	32649330001 122222	65-4350-5200	711.72 ✓
01/23	01/17/2023	89759	INTERMOUNTAIN GAS	32649330001 122222	65-4350-5200	124.00 ✓
01/23	01/17/2023	89759	INTERMOUNTAIN GAS	32649330001 122222	65-4350-5200	64.33 ✓
01/23	01/17/2023	89759	INTERMOUNTAIN GAS	58208688554 122222	65-4350-5200	96.04 ✓
01/23	01/17/2023	89774	NORTH CENTRAL LABORATORIES	480891	65-4350-3800	603.85 ✓
01/23	01/03/2023	89703	PLATT ELECTRIC SUPPLY	3N09379	65-4350-6100	95.82 ✓
01/23	01/17/2023	89779	RIVER RUN AUTO PARTS	6538-186379	65-4350-6000	46.59 ✓
01/23	01/17/2023	89779	RIVER RUN AUTO PARTS	6538-186525	65-4350-6000	8.75 ✓
01/23	01/17/2023	89779	RIVER RUN AUTO PARTS	6538-186550	65-4350-6000	12.95 ✓
01/23	01/17/2023	89781	SENTINEL FIRE & SECURITY, INC.	80239	65-4350-5100	24.75 ✓
01/23	01/17/2023	89781	SENTINEL FIRE & SECURITY, INC.	83193	65-4350-5100	24.75 ✓
01/23	01/03/2023	89711	SYRINGA NETWORKS, LLC	22DEC0347	65-4350-5100	325.00 ✓
01/23	01/03/2023	89711	SYRINGA NETWORKS, LLC	22NOV0306	65-4350-5100	325.00 ✓
01/23	01/17/2023	89787	THATCHER COMPANY, INC.	2022100128302	65-4350-3800	8,052.11 ✓
01/23	01/03/2023	89714	UPS STORE #2444	MMN7FR53CQG3Q	65-4350-3200	13.37 ✓
01/23	01/03/2023	89714	UPS STORE #2444	MMN7FR5Q0MJZR	65-4350-3200	16.34 ✓
01/23	01/03/2023	89714	UPS STORE #2444	MMN7FR5SPNSR2	65-4350-3200	14.58 ✓
01/23	01/17/2023	89790	UPS STORE #2444	MMN7FR5X5P311	65-4350-3200	18.39 ✓
01/23	01/09/2023	230109	US BANK	5198 122622	65-4350-6100	607.54 ✓
01/23	01/09/2023	230109	US BANK	5198 122622	65-4350-6100	353.63 ✓
01/23	01/09/2023	230109	US BANK	5198 122622	65-4350-4900	120.00 ✓

GL Period	Check Issue Date	Check Number	Payee	Invoice Number	Invoice GL Account	Check Amount
01/23	01/09/2023	230109	US BANK	5198 122622	65-4350-4900	30.00 ✓
01/23	01/09/2023	230109	US BANK	5198 122622	65-4350-4900	30.00 ✓
01/23	01/09/2023	230109	US BANK	5198 122622	65-4350-3200	140.00 ✓
01/23	01/03/2023	89715	VEOLIA WATER TECHNOLOGIES	22005395 R 05000	65-4350-6100	2,307.05 ✓
01/23	01/03/2023	89715	VEOLIA WATER TECHNOLOGIES	22005395 R 05000	65-4350-6100	250.21 ✓
01/23	01/03/2023	89716	VERIZON WIRELESS	9922739445	65-4350-5100	65.98 ✓
Grand Totals:					57	28,262.12



IN ACCOUNT WITH
Robertson & Slette,

ATTORNEYS AT LAW

134 3RD AVENUE EAST
P.O. BOX 1906
TWIN FALLS, ID 83303-1906
TELEPHONE (208) 933-0700

21-22 - 5915.00
22-23 - 2170.00

J. EVAN ROBERTSON

GARY D. SLETTE

SUN VALLEY WATER & SEWER DISTRICT
PO BOX 2410
SUN VALLEY, ID 83353

4-03-43
✓

Statement Date: December 31, 2022
Statement No. 13219
Account No. SVWSDGEN.101

RE: GENERAL BUSINESS

*Please refer to statement number on check and make payable to:
J. Evan Robertson, P.A.
Federal Tax ID: 82-0534484*

Previous Balance \$5,180.00

Fees

		Hours	
01/2022	JER		
	Review "lien waiver" for Mr. Carr's property and discuss with Marybeth. Telephone conference w/Laski re: Weyyakin contract issues	1.40	490.00
03/2022	JER		
	Review information from Marybeth Collins on ADV definitions from Fannie Mae for SVWSD; Review ADV definitions in Sun Valley City Zoning Ordinance, and ordinances in Ketchum and Hailey; Review and discuss water line extension plans for house at 60 Cold Springs Road, and IDEQ approval; Telephone conference w/Pat McMahon	2.30	805.00
08/2022	JER		
	Telephone conference w/McMahon re: Back Pay Way access; Conference w/Blaine County Title to confirm last recorded plat and absence of additional easements or revisions of record; Review plat and title information from Blaine County Title; Review information from Jacobs Engineering re: connection fees	2.40	840.00
09/2022	JER		
	Review Jacobs Engineering information on ADV definition and classification; Review and edit MOU from Jade Riley; Review CIP cost estimates; Telephone conference w/Jade Riley and Matt Johnson; Telephone conference w/McMahon; Memo re: ADV definition and status for fees	2.50	875.00
10/2022	JER		
	Discuss w/district staff the status of the Sagewillow booster pump, the Weyyakin project status, and unpaid connection fees; Telephone conference w/McMahon	0.80	280.00

02.08.23



Boise Office
 999 W. Main Street, Suite 1200
 Boise, ID 83702
 Tel (208) 345-5310

REMIT TO:
 Jacobs Engineering Group Inc
 c/o Bank of America
 800 Market Street
 Lockbox 18713F
 St. Louis, MO 63150-8713

ACH or Wire Transfer:
 ABA Routing Number: 111000012
 Bank Account Number: 3750916030

Sun Valley Water & Sewer District
 Attention: Pat McMahon, General Manager
 P.O. Box 2410
 Sun Valley ID 83353

Date: 2/1/2023
 Project No.: D3535904
 Client No.: 865
 Invoice No.: D3535904-004

White Cloud Intertie

INVOICE

For services from December 03, 2022 through January 27, 2023, for Sun Valley Water & Sewer District Engineering Services.

LABOR

Employee Name	Hours	Bill Rate	Amount
Tolman, Alyce Danielle	3.00	\$151.00	\$453.00
Hays, Leann R	12.50	\$170.04	\$2,125.50
Oye, Janet Lea	2.00	\$78.95	\$157.90
Total Labor	17.50		\$2,736.40

EXPENSES

None this period

Total Expenses	\$0.00
Total Amount Due	\$2,736.40

Current Amount	\$2,736.40
Previously Invoiced	\$9,442.71
Total Invoiced	\$12,179.11

1-68-00

✓



Report Criteria:

Detail report type printed

Vendor Number	Name	Invoice Number	Description	Seq	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
35	Anderson, Anthony	020723	REIMBURSEMENT - MEA	1	02/07/2023	11.65	.00	11.65	17401	02/08/2023
		8184844	OP SUP - 2 PR WORK PA	1	02/04/2023	49.80	.00	49.80	17402	02/13/2023
Total 35:						61.45	.00	61.45		
50	Atkinson's Market	11029208	EMPLOYEE BONUSES	1	12/20/2022	2,000.00	.00	2,000.00	17367	01/17/2023
Total 50:						2,000.00	.00	2,000.00		
70	Banyan Technology Inc.	20984	CONSULTING - IT SUPPO	1	01/04/2023	1,360.00	.00	1,360.00	17368	01/17/2023
		20984	SCADA R/M - RENEWAL S	2	01/04/2023	3,546.00	.00	3,546.00	17368	01/17/2023
Total 70:						4,906.00	.00	4,906.00		
111	BLAINE COUNTY	424	MAPPING PROJECT - MAI	1	01/04/2023	3,272.35	.00	3,272.35	17369	01/17/2023
Total 111:						3,272.35	.00	3,272.35		
127	BOLEN'S CONTROL HOU	S1334791.00	SEWER R/M - CONTROLL	1	01/11/2023	3,961.00	.00	3,961.00	17389	01/17/2023
		S1334791.00	SEWER R/M - SHIPPING	2	01/11/2023	78.26				
Total 127:						4,039.26	.00	3,961.00		
175	CASELLE INC.	121971	CONTRACT SUPPORT-2/	1	01/01/2023	630.00	.00	630.00	1182301	01/18/2023
Total 175:						630.00	.00	630.00		
185	Chateau Drug	2652797	BLDG R/M - ICE MELT FO	1	01/11/2023	20.98	.00	20.98	17390	01/17/2023
Total 185:						20.98	.00	20.98		
215	Consolidated Supply Co.	S010798691.	METER PROJECT - MINO	1	12/31/2022	11,700.00	.00	11,700.00	17370	01/17/2023
Total 215:						11,700.00	.00	11,700.00		
220	COX BUSINESS SERVICE	011423	INTERNET SERVICE- JAN	1	01/14/2023	119.00	.00	119.00	1262301	01/26/2023
Total 220:						119.00	.00	119.00		
270	Dig Line Inc	0070332-IN	DUES & SUBSCRIPTIONS	1	12/31/2022	71.40	.00	71.40	17371	01/17/2023
Total 270:						71.40	.00	71.40		
297	FERGUSON ENTERPRIS	0829513-1	WIP WATER - ALTITUDE S	1	12/22/2022	77,100.00	.00	77,100.00	17373	01/17/2023
		0841956	METER R/M - SNOWMAKI	1	12/08/2022	357.98	.00	357.98	17373	01/17/2023
		0842413	INVENTORY - SADDLE, C	1	12/21/2022	4,539.07	.00	4,539.07	17373	01/17/2023
Total 297:						81,997.05	.00	81,997.05		
333	GRAINGER	9550884242	BLDG R/M - ELEC WL/CEI	1	12/20/2022	930.22	.00	930.22	17374	01/17/2023
Total 333:						930.22	.00	930.22		
365	Houston Lumber Co.	2212-523419	OP SUP- GLOVES	1	12/23/2022	23.99	.00	23.99	17375	01/17/2023

Check issue dates: 1/17/2023 - 2/20/2023

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Vendor Number	Name	Invoice Number	Description	Seq	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
		2212-523776	BLDG R/M - LED BULB (2)	1	12/27/2022	31.98	.00	31.98	17375	01/17/2023
	Total 365:					55.97	.00	55.97		
409	IDAHO DEQ	20231618-Q	JAN/FEB/MARCH-DRINKI	1	01/09/2023	1,096.00	.00	1,096.00	17376	01/17/2023
	Total 409:					1,096.00	.00	1,096.00		
430	Idaho Power	012523	SYSTEM UTILITIES-WHIT	1	01/25/2023	878.70	.00	878.70	2062301	02/06/2023
		012523	SYSTEM UTILITIES-BACK	2	01/25/2023	15.29	.00	15.29	2062301	02/06/2023
		012523	SYSTEM UTILITIES-LOT 1	3	01/25/2023	6.14	.00	6.14	2062301	02/06/2023
		012523	SYSTEM UTILITIES-SAGE	4	01/25/2023	199.78	.00	199.78	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	5	01/25/2023	1,511.31	.00	1,511.31	2062301	02/06/2023
		012523	SYSTEM UTILITIES-SAGE	6	01/25/2023	12.43	.00	12.43	2062301	02/06/2023
		012523	SYSTEM UTILITIES-SKYL	7	01/25/2023	14.43	.00	14.43	2062301	02/06/2023
		012523	SYSTEM UTILITIES-ELKH	8	01/25/2023	40.48	.00	40.48	2062301	02/06/2023
		012523	SYSTEM UTILITIES-REUS	9	01/25/2023	482.21	.00	482.21	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	10	01/25/2023	599.96	.00	599.96	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	11	01/25/2023	4,152.58	.00	4,152.58	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	12	01/25/2023	655.23	.00	655.23	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	13	01/25/2023	259.56	.00	259.56	2062301	02/06/2023
		012523	SYSTEM UTILITIES-MCH	14	01/25/2023	265.18	.00	265.18	2062301	02/06/2023
		012523	SYSTEM UTILITIES-ST LU	15	01/25/2023	80.21	.00	80.21	2062301	02/06/2023
		012523	SYSTEM UTILITIES-LANE	16	01/25/2023	232.07	.00	232.07	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	17	01/25/2023	824.19	.00	824.19	2062301	02/06/2023
		012523	SYSTEM UTILITIES-DOLL	18	01/25/2023	11.07	.00	11.07	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WHIT	19	01/25/2023	7.82	.00	7.82	2062301	02/06/2023
		012523	SYSTEM UTILITIES-SKYL	20	01/25/2023	82.56	.00	82.56	2062301	02/06/2023
		012523	SYSTEM UTILITIES-DOLL	21	01/25/2023	1,637.47	.00	1,637.47	2062301	02/06/2023
		012523	SYSTEM UTILITIES-HQ	22	01/25/2023	498.66	.00	498.66	2062301	02/06/2023
		012523	SYSTEM UTILITIES-SUN	23	01/25/2023	36.78	.00	36.78	2062301	02/06/2023
		012523	SYSTEM UTILITIES-SAGE	24	01/25/2023	286.57	.00	286.57	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	25	01/25/2023	1,506.67	.00	1,506.67	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	26	01/25/2023	168.57	.00	168.57	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	27	01/25/2023	635.10	.00	635.10	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	28	01/25/2023	10.43	.00	10.43	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	29	01/25/2023	466.16	.00	466.16	2062301	02/06/2023
		012523	SYSTEM UTILITIES-WELL	30	01/25/2023	104.28	.00	104.28	2062301	02/06/2023
		012523	SYSTEM UTILITIES-BACK	31	01/25/2023	60.04	.00	60.04	2062301	02/06/2023
		012523	SYSTEM UTILITIES-SUN	32	01/25/2023	7.33	.00	7.33	2062301	02/06/2023
	Total 430:					15,749.26	.00	15,749.26		
460	Intermountain Gas Co	012523	SYSTEM UTILITIES-WELL	1	01/25/2023	11.76	.00	11.76	2062302	02/06/2023
		012523	SYSTEM UTILITIES-SAGE	2	01/25/2023	16.01	.00	16.01	2062302	02/06/2023
		012523	SYSTEM UTILITIES - HQ	3	01/25/2023	467.05	.00	467.05	2062302	02/06/2023
		012523	SYSTEM UTILITIES-WHIT	4	01/25/2023	14.45	.00	14.45	2062302	02/06/2023
		012523	SYSTEM UTILITIES-WELL	5	01/25/2023	11.01	.00	11.01	2062302	02/06/2023
		012523	SYSTEM UTILITIES-WELL	6	01/25/2023	16.01	.00	16.01	2062302	02/06/2023
		012523	SYSTEM UTILITIES-MCH	7	01/25/2023	11.01	.00	11.01	2062302	02/06/2023
		012523	SYSTEM UTILITIES-LANE	8	01/25/2023	12.90	.00	12.90	2062302	02/06/2023
		012523	SYSTEM UTILITIES - REU	9	01/25/2023	182.50	.00	182.50	2062302	02/06/2023
	Total 460:					742.70	.00	742.70		
515	Ketchum, City of	6281	KSTP OPERATINGS/DEC	1	01/10/2023	39,900.82	.00	39,900.82	17378	01/17/2023
		6281	CAPITAL EXP-BOBCAT S	25	01/10/2023	3,109.28	.00	3,109.28	17378	01/17/2023

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Vendor Number	Name	Invoice Number	Description	Seq	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
Total 515:						43,010.10	.00	43,010.10		
548	LES SCHWAB TIRE CENT	11700792759	AUTO R/M - TIRE PRESS	1	01/04/2023	284.91	.00	284.91	17379	01/17/2023
Total 548:						284.91	.00	284.91		
550	MATTHEW BENDER & CO	352445883	DUES AND SUBSCRIPTIO	1	12/31/2022	72.08	.00	72.08	17381	01/17/2023
Total 550:						72.08	.00	72.08		
575	Magic Valley Labs, Inc	26553	H2O TEST FEES/DEC	1	12/29/2022	133.00	.00	133.00	17380	01/17/2023
Total 575:						133.00	.00	133.00		
581	PATRICK J MCMAHON	020523	REIMBURSEMENT	1	02/05/2023	35.04	.00	35.04	17400	02/06/2023
Total 581:						35.04	.00	35.04		
670	Pipeco Inc	S4871467.00	OP SUP - SHOVEL, 2 PR	1	12/22/2022	127.59	.00	127.59	17382	01/17/2023
Total 670:						127.59	.00	127.59		
677	PLATT ELECTRIC SUPPL	3002962	INVENTORY - ELECTRIC	1	12/22/2022	64.28	.00	64.28	17383	01/17/2023
Total 677:						64.28	.00	64.28		
710	CENTURY LINK	020123	TELEPHONE EXP/FEB	1	02/01/2023	389.01	.00	389.01	17403	02/13/2023
Total 710:						389.01	.00	389.01		
735	River Run Auto Parts	6538-186165	OP SUP - TARP STRAP, S	1	12/22/2022	26.39	.00	26.39	17384	01/17/2023
Total 735:						26.39	.00	26.39		
816	STANDARD PLUMBING S	THH101	WATER R/M - FULL PORT	1	12/23/2022	14.46	.00	14.46	17385	01/17/2023
Total 816:						14.46	.00	14.46		
915	Christensen Inc. dba Unite	1011194	GAS & OIL EXPENSE-TH	1	01/15/2023	684.90	.00	684.90	17395	01/18/2023
		1012232	GAS & OIL EXPENSE-TH	1	01/31/2023	310.51	.00	310.51	17399	02/02/2023
Total 915:						995.41	.00	995.41		
935	USA Blue Book	137705	WATER R/M - PIPE FLARI	1	10/10/2022	390.46	.00	390.46	17386	01/17/2023
Total 935:						390.46	.00	390.46		
975	Verizon Wireless	9925854554	CELL PHONES- DEC 22 -	1	01/21/2023	71.52	.00	71.52	2102302	02/10/2023
Total 975:						71.52	.00	71.52		
1022	WELLS FARGO FINANCIA	5023316742	COPIER LEASE- 12/28/22-	1	01/02/2023	349.93	.00	349.93	17387	01/17/2023
Total 1022:						349.93	.00	349.93		
1035	Wells Fargo Payment Remi	011323	DUES/SUBSCRIPTIONS -	1	01/13/2023	70.34	.00	70.34	2012301	02/01/2023

Check issue dates: 1/17/2023 - 2/20/2023

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Vendor Number	Name	Invoice Number	Description	Seq	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
		011323	TM&E- COFFEE - PM/EVA	2	01/13/2023	194.95	.00	194.95	2012301	02/01/2023
Total 1035:						265.29	.00	265.29		
1037	Western States Equipment	IN002265057	WATER R/M - WATER R/M	1	01/11/2023	402.42	.00	402.42	17388	01/17/2023
		IN002266545	WATER R/M - REPAIR CO	1	01/12/2023	1,261.70	.00	1,261.70	17391	01/17/2023
Total 1037:						1,664.12	.00	1,664.12		
1093	JEANENE M PARKER	011323JP	REIMBURSEMENT FOR U	1	01/13/2023	17.62	.00	17.62	17396	01/18/2023
Total 1093:						17.62	.00	17.62		
1098	FARMER BROTHERS CO	31364422	COFFEE (3 CASES)	1	12/29/2022	310.92	.00	310.92	17372	01/17/2023
Total 1098:						310.92	.00	310.92		
1119	COLLINS, MARYBETH	012623	PERS TRAINING - LODGI	1	01/26/2023	291.54	.00	291.54	17397	01/27/2023
Total 1119:						291.54	.00	291.54		
1126	JACOBS ENGINEERING	D3535901-01	CONSULTING - REVIEW	1	01/09/2023	2,914.06	.00	2,914.06	17377	01/17/2023
Total 1126:						2,914.06	.00	2,914.06		
1129	AT&T MOBILITY	2873098460	WATER R/M	1	01/23/2023	1,119.04	.00	1,119.04	2102301	02/10/2023
		2873098460	SEWER R/M	2	01/23/2023	215.20	.00	215.20	2102301	02/10/2023
		2873098460	REUSE R/M	3	01/23/2023	86.08	.00	86.08	2102301	02/10/2023
Total 1129:						1,420.32	.00	1,420.32		
Grand Totals:						180,239.69	.00	180,161.43		

Report Criteria:

Detail report type printed

Report Criteria:

Check Issue Date	Payee	Employee Number	Reference Number	Check Number	M	Gross	Expense	FICA	FWT	SWT	Deductions	Net	D	Info	F/T
01/01/2023															
PC															
01/05/2023	Anderson, Anthony F.	3	1	1052301		3,548.88	40.00	271.49	319.57	133.00	254.10	2,610.72	D		.00
01/05/2023	Benson, Christopher N.	4	2	1052302		3,353.60	40.00	256.55	231.16	88.00	630.12	2,187.77	D		.00
01/05/2023	Brown, Douglas P	190	3	17363		150.00	.00	11.48	.00	.00	10.74	127.78			.00
01/05/2023	Lake, James A	202	4	1052308		300.00	.00	22.95	.00	.00	21.48	255.57	D		.00
01/05/2023	Loyd, James D.	130	5	17362		450.00	.00	34.43	.00	.00	.00	415.57			.00
01/05/2023	MARY ELIZABETH COLLIN	48	6	1052306		2,936.00	40.00	213.13	260.31	100.00	653.82	1,748.74	D		.00
01/05/2023	McMahon, Patrick J.	7	7	1052304		5,404.70	.00	413.46	938.91	289.00	337.38	3,425.95	D		.00
01/05/2023	Neuner, Andrew J.	5	8	1052303		2,756.39	40.00	209.34	224.25	95.00	307.36	1,960.44	D		.00
01/05/2023	PETER M HENDRICKS	203	10	1052309		450.00	.00	34.43	.00	.00	32.22	383.35	D		.00
01/05/2023	Webking, Frederick W	201	11	1052307		300.00	.00	22.95	.00	.00	21.48	255.57	D		.00
01/05/2023	Parker, Jeanene	46	12	1052305		2,764.00	40.00	200.12	156.95	74.00	395.97	1,976.96	D		.00
Total PC:		1039				22,413.57	200.00	1,690.33	2,131.15	779.00	2,664.67	15,348.42			.00
			11	11											

PC Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	182.00	11.00	Direct Deposit Net	14,805.07	D	Informational	.00
2-00	Overtime Pay	10.50	.00	Net	543.35		Info Tips Reported	.00
3-01	Vacation Pay	80.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	8.00	.00					
6-00	On Call	.00	8.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	3.00	.00					
9-02	Comp Time Use	2.00	.00					
Totals:		309.50	19.00		15,348.42			.00

Total 01/01/2023:	1039				22,413.57	200.00	1,690.33	2,131.15	779.00	2,664.67	15,348.42			.00
			11	11										

Check Issue Date	Payee	Employee Number	Reference Number	Check Number	M	Gross	Expense	FICA	FWT	SWT	Deductions	Net	D	Info	F/T
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01/01/2023 Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	182.00	11.00	Direct Deposit Net	14,805.07-	D	Informational	.00
2-00	Overtime Pay	10.50	.00	Net	543.35-		Info Tips Reported	.00
3-01	Vacation Pay	80.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	8.00	.00					
6-00	On Call	.00	8.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	3.00	.00					
9-02	Comp Time Use	2.00	.00					
Totals:		<u>309.50</u>	<u>19.00</u>		<u>15,348.42-</u>			<u>.00</u>

Grand Totals:	1039		22,413.57	200.00	1,690.33-	2,131.15-	779.00-	2,664.67-	15,348.42-	.00
		11	11							

Grand Totals Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	182.00	11.00	Direct Deposit Net	14,805.07-	D	Informational	.00
2-00	Overtime Pay	10.50	.00	Net	543.35-		Info Tips Reported	.00
3-01	Vacation Pay	80.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	8.00	.00					
6-00	On Call	.00	8.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	3.00	.00					
9-02	Comp Time Use	2.00	.00					
Totals:		309.50	19.00		15,348.42-			.00

Report Criteria:

Check Issue Date	Payee	Employee Number	Reference Number	Check Number	M	Gross	Expense	FICA	FWT	SWT	Deductions	Net	D	Info	F/T
01/15/2023															
PC															
01/19/2023	Anderson, Anthony F.	3	1	1192301		3,471.35	00	265.55-	310.93-	128.00-	248.55-	2,518.32-	D		.00
01/19/2023	MARY ELIZABETH COLLIN	48	3	1192306		3,286.00	00	239.90-	324.10-	119.00-	713.88-	1,889.12-	D		.00
01/19/2023	McMahon, Patrick J.	7	4	1192304		4,862.00	00	371.94-	806.08-	253.00-	348.12-	3,082.86-	D		.00
01/19/2023	Neuner, Andrew J.	5	5	1192303		3,253.18	00	247.34-	325.72-	125.00-	342.93-	2,212.19-	D		.00
01/19/2023	Parker, Jeanene	46	6	1192305		2,764.00	00	200.12-	156.95-	74.00-	395.97-	1,936.96-	D		.00
01/19/2023	Benson, Christopher N.	4	7	1192302		3,153.60	00	241.25-	208.88-	76.00-	615.80-	2,011.67-	D		.00
Total PC:		113				20,790.13	00	1,566.10-	2,132.66-	775.00-	2,665.25-	13,651.12-			.00
			6	6											

PC Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	197.00	.00	Direct Deposit Net	13,651.12-	D	Informational	.00
2-00	Overtime Pay	13.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	39.00	.00				Fringe Benefit	.00
6-00	On Call	.00	20.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	6.00	.00					
Totals:		279.00	20.00		13,651.12-			.00

Total 01/15/2023:		113			20,790.13	00	1,566.10-	2,132.66-	775.00-	2,665.25-	13,651.12-			.00
			6	6										

01/15/2023 Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	197.00	.00	Direct Deposit Net	13,651.12-	D	Informational	.00
2-00	Overtime Pay	13.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	39.00	.00				Fringe Benefit	.00

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
6-00	On Call	00	20.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	6.00	.00					
Totals:		<u>279.00</u>	<u>20.00</u>		<u>13,651.12</u>			<u>.00</u>

Grand Totals:	113		20,790.13	.00	1,566.10-	2,132.66-	775.00-	2,665.25-	13,651.12-	.00
		6		6						

Grand Totals Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	197.00	.00	Direct Deposit Net	13,651.12-	D	Informational	.00
2-00	Overtime Pay	13.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	39.00	.00				Fringe Benefit	.00
6-00	On Call	00	20.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	6.00	.00					
Totals:		279.00	20.00		13,651.12-			.00

Report Criteria

Check Issue Date	Payee	Employee Number	Reference Number	Check Number	M	Gross	Expense	FICA	FWT	SWT	Deductions	Net	D	Info	F/T
01/29/2023															
PC															
02/02/2023	Anderson, Anthony F.	3	1	2022301		3,576.40	40.00	273.60-	322.63-	134.00-	256.07-	2,630.10-	D		.00
02/02/2023	Benson, Christopher N.	4	2	2022302		3,858.38	40.00	287.52-	275.40-	112.00-	766.26-	2,457.20-	D		.00
02/02/2023	MARY ELIZABETH COLLIN	48	3	2022306		2,936.00	40.00	213.13-	260.31-	100.00-	653.82-	1,748.74-	D		.00
02/02/2023	Neuner, Andrew J.	5	4	2022303		2,759.60	40.00	209.58-	224.90-	95.00-	307.59-	1,962.53-	D		.00
02/02/2023	Parker, Jeanene	46	5	2022305		2,764.00	40.00	200.12-	156.95-	74.00-	395.97-	1,976.96-	D		.00
02/02/2023	McMahon, Patrick J.	7	6	2022304		5,404.70	.00	413.46-	938.91-	289.00-	337.38-	3,425.95-	D		.00
Total PC:		113				21,299.08	200.00	1,597.41-	2,179.10-	804.00-	2,717.09-	14,201.48-			.00
			6	6											

PC Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	214.00	.00	Direct Deposit Net	14,201.48-	D	Informational	.00
2-00	Overtime Pay	14.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	16.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	8.00	.00					
6-00	On Call	.00	14.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	6.00	.00					
9-02	Comp Time Use	2.00	.00					
Totals:		284.00	14.00		14,201.48-			.00

Total 01/29/2023:		113			21,299.08	200.00	1,597.41-	2,179.10-	804.00-	2,717.09-	14,201.48-			.00
			6	6										

01/29/2023 Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	214.00	.00	Direct Deposit Net	14,201.48-	D	Informational	.00

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
2-00	Overtime Pay	14.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	16.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	8.00	.00					
6-00	On Call	.00	14.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	6.00	.00					
9-02	Comp Time Use	2.00	.00					
Totals:		<u>284.00</u>	<u>14.00</u>		<u>14,201.48-</u>			<u>.00</u>

Grand Totals:	113		21,299.08	200.00	1,597.41-	2,179.10-	804.00-	2,717.09-	14,201.48-	.00
		6	6							

Grand Totals Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	214.00	.00	Direct Deposit Net	14,201.48-	D	Informational	.00
2-00	Overtime Pay	14.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	16.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	8.00	.00					
6-00	On Call	.00	14.00					
7-00	Holiday Pay	24.00	.00					
9-01	Comp Time Ear	6.00	.00					
9-02	Comp Time Use	2.00	.00					
Totals:		284.00	14.00		14,201.48-			.00

Prepared For	SUN VALLEY WATER PJ MCMAHON
Account Number	[REDACTED]
Statement Closing Date	01/13/23
Days in Billing Cycle	31
Next Statement Date	02/10/23

For Customer Service Call:
800-225-5935

Inquiries or Questions:
Wells Fargo SBL PO Box 29482
Phoenix, AZ 85038-8650

Payments:
Payment Remittance Center PO Box 77033
Minneapolis, MN 55480-7733

Credit Line	\$9,000
Available Credit	\$8,734

Payment Information

New Balance	\$265.29
Current Payment Due (Minimum Payment)	\$25.00
Current Payment Due Date	02/07/23

If you wish to pay off your balance in full: The balance noted on your statement is not the payoff amount. Please call 800-225-5935 for payoff information.

Account Summary

Previous Balance		\$1,250.29
Credits	-	\$14.29
Payments	-	\$1,250.29
Purchases & Other Charges	+	\$279.58
Cash Advances	+	\$0.00
Finance Charges	+	\$0.00
New Balance	=	\$265.29

APPROVED *[Signature]*
[Signature]

4-03-47 - 194.95
4-03-48 - 70.34

Rate Information

Your rate may vary according to the terms of your agreement.

TYPE OF BALANCE	ANNUAL INTEREST RATE	DAILY FINANCE CHARGE RATE	AVERAGE DAILY BALANCE	PERIODIC FINANCE CHARGES	TRANSACTION FINANCE CHARGES	TOTAL FINANCE CHARGES
PURCHASES	22.490%	06161%	\$0.00	\$0.00	\$0.00	\$0.00
CASH ADVANCES	28.240%	07736%	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL				\$0.00	\$0.00	\$0.00

Important Information

TOTAL *FINANCE CHARGE* BILLED IN 2022 \$0.00
TOTAL *FINANCE CHARGE* PAID IN 2022 \$0.00

received
01.19.23

See reverse side for important information.



Transaction Details

<i>Trans</i>	<i>Post</i>	<i>Reference Number</i>	<i>Description</i>	<i>Credits</i>	<i>Charges</i>
12/19	12/19	2475542PJ4RA53YNF	STARBUCKS KETCHUM ID		21.51
12/23	12/23	2471705PN3K384LW7	MAMA INEZ BELLEVUE ID		101.95
12/31	12/31	2401134PX0019FHYT	ZOOM US 888-799-9666 WWW.ZOOM.US CA		14.99
01/01	01/01	24204290103BP1E4J	GOOGLE GSUITE_svwsd.org 650-2530000 CA		55.35
01/02	01/02	7485620020A90V6ZV	ONLINE PAYMENT	1,250.29	
01/04	01/04	2470780050VZ8X5EB	WISEGUY PIZZA PIE - KETC KETCHUM ID		85.78
01/11	01/11	74707800B0T55SWA9	WISEGUY PIZZA PIE - KETC KETCHUM ID	14.29	

Wells Fargo News

Take advantage of the features that come with Online Banking:

Messages and alerts: Stay informed about your account with updates sent to your email or mobile phone.

Automatic Payments: Never miss a payment, avoid late charges, and protect your credit rating.

CLOSING DATE 1/13/2023

DATE	AMT	ACCT	SVWSD WELLS FARGO VISA STATEMENT
19-Dec	21.51	TRAVEL, MEALS, & ENTERTAINMENT	COFFEE W/PM & EVAN
23-Dec	101.95	TRAVEL, MEALS, & ENTERTAINMENT	CREW LUNCH
31-Dec	14.99	DUES / SUBSCRIPTIONS	ZOOM
1-Jan	55.35	DUES / SUBSCRIPTIONS	GOOGLE G-SUITE
4-Jan	\$85.78	TRAVEL, MEALS, & ENTERTAINMENT	CREW LUNCH
11-Jan	-\$14.29	TRAVEL, MEALS, & ENTERTAINMENT	CREW LUNCH ADJUSTMENT
TOTAL	\$265.29		

Water Consumption: Well Water + ReUse Water (17 yrs)

	January			
	SV	Elkhorn	ReUse	Total
2007	20,090,600	35,134,600	-	55,225,200
2008	27,952,900	35,095,200		63,048,100
2009	14,541,000	37,490,500		52,031,500
2010	14,013,000	29,825,500		43,838,500
2011	28,791,400	21,946,600		50,738,000
2012	20,118,700	28,060,000		48,178,700
2013	31,103,540	26,644,000		57,747,540
2014	29,974,400	28,228,000		58,202,400
2015	31,200,100	15,886,000		47,086,100
2016	27,400,500	13,780,400		41,180,900
2017	25,950,200	27,781,800		53,732,000
2018	28,816,300	17,963,000		46,779,300
2019	22,952,400	18,384,000		41,336,400
2020	26,036,500	26,277,700		52,314,200
2021	23,211,200	21,530,100		44,741,300
2022	31,070,700	21,761,000		52,831,700
2023	32,283,500	26,812,300		59,095,800
<i>Avg</i>	<i>25,618,055</i>	<i>25,447,100</i>		<i>51,065,155</i>

Sewer Flow Readings

Month	Jan-23
Elkhorn Side Sewer Reading	
current meter reading*	665,456
previous meter	<u>660,343</u>
subtracted TOTAL	5,113
TOTAL Multiplied by 1000	5,113,000
Sun Valley Side Sewer Reading	
current meter reading*	275,729
previous meter	<u>265,053</u>
subtracted TOTAL	10,676
Total Multiplied by 1000	10,676,000
ELKHORN TOTAL	5,113,000
SUN VALLEY TOTAL	10,676,000
SVW&S TOTAL	15,789,000
KETCHUM TOTAL	19,955,000
PLANT TOTAL	35,744,000
SVW & S PERCENTAGE	44.17%
KETCHUM PERCENTAGE	55.83%

Ketchum**Influent Flow**

current meter reading*	10,886,365
previous meter	<u>10,854,096</u>
subtracted TOTAL	32,269
TOTAL Multiplied by 1000	32,269,000

Effluent Flow Meter Reading

current meter reading*	8,847,591
previous meter	<u>8,811,847</u>
subtracted TOTAL	35,744
Total Multiplied by 1000	35,744,000

Reuse Flow Meter Reading

current meter reading*	719,541
previous meter	<u>719,541</u>
subtracted TOTAL	0
TOTAL Multiplied by 1000	0

Plant Water Meter Reading

current meter reading*	84,083
previous meter	<u>83,510</u>
subtracted TOTAL	573
Total Multiplied by 1000	573,000

Sewer Flow Readings

										9 yrs	
Month	Jan-23	Jan-22	Jan-21	Jan-20	Jan-19	Jan-18	Jan-17	Jan-16	Jan-15	Sum	Annual Average
Elkhorn Side Sewer Reading											
current meter reading*	665,456	588,945	520,689	463,057	395,243	342,205	214,332	149,715	93,941		
previous meter	<u>660,343</u>	<u>582,074</u>	<u>516,588</u>	<u>458,303</u>	<u>390,421</u>	<u>337,496</u>	<u>209,048</u>	<u>145,624</u>	<u>89,444</u>		
subtracted TOTAL	5,113	6,871	4,101	4,754	4,822	4,709	5,284	4,091	4,497	44,242	4,916
TOTAL Multiplied by 1000	5,113,000	6,871,000	4,101,000	4,754,000	4,822,000	4,709,000	5,284,000	4,091,000	4,497,000	44,242,000	4,915,778
Sun Valley Side Sewer Reading											
current meter reading*	275,729	141,783	992,469	860,225	704,140	541,460	386,931	238,314	105,145		
previous meter	<u>265,053</u>	<u>130,418</u>	<u>980,082</u>	<u>848,679</u>	<u>692,064</u>	<u>531,074</u>	<u>374,214</u>	<u>227,598</u>	<u>95,205</u>		
subtracted TOTAL	10,676	11,365	12,387	11,546	12,076	10,386	12,717	10,716	9,940	101,809	11,312
Total Multiplied by 1000	10,676,000	11,365,000	12,387,000	11,546,000	12,076,000	10,386,000	12,717,000	10,716,000	9,940,000	101,809,000	11,312,111
ELKHORN TOTAL	5,113,000	6,871,000	4,101,000	4,754,000	4,822,000	4,709,000	5,284,000	4,091,000	4,497,000	44,242,000	4,915,778
SUN VALLEY TOTAL	10,676,000	11,365,000	12,387,000	11,546,000	12,076,000	10,386,000	12,717,000	10,716,000	9,940,000	101,809,000	11,312,111
SVW&S TOTAL	15,789,000	18,236,000	16,488,000	16,300,000	16,898,000	15,095,000	18,001,000	14,807,000	14,437,000	146,051,000	16,227,889
KETCHUM TOTAL	19,955,000	17,216,000	19,375,000	19,118,000	18,750,000	18,096,000	18,298,000	17,814,000	17,659,000	166,281,000	18,475,667
PLANT TOTAL	35,744,000	35,452,000	35,863,000	35,418,000	35,648,000	33,191,000	36,299,000	32,621,000	32,096,000	312,332,000	34,703,556
SVW&S PERCENTAGE	44.17%	51.44%	45.97%	46.02%	47.40%	45.48%	49.59%	45.39%	44.98%	420.45%	46.72%
KETCHUM PERCENTAGE	55.83%	48.56%	54.03%	53.98%	52.60%	54.52%	50.41%	54.61%	55.02%	479.55%	53.28%
Ketchum											
Influent Flow											
current meter reading*	<u>10,886,365</u>	10,488,277	10,105,892	9,706,790	9,219,227	8,789,690	8,226,285	7,817,085	7,446,593		
previous meter	10,854,096	<u>10,456,346</u>	<u>10,072,931</u>	<u>9,674,087</u>	<u>9,187,029</u>	<u>8,757,892</u>	<u>8,191,302</u>	<u>7,786,768</u>	<u>7,414,487</u>		
subtracted TOTAL	32,269	31,931	32,961	32,703	32,198	31,798	34,983	30,317	32,106	291,266	32,363
TOTAL Multiplied by 1000	32,269,000	31,931,000	32,961,000	32,703,000	32,198,000	31,798,000	34,983,000	30,317,000	32,106,000	291,266,000	32,362,889
Effluent Flow Meter Reading											
current meter reading*	<u>8,847,591</u>	8,413,394	<u>8,001,267</u>	7,578,405	<u>7,064,995</u>	6,608,543	6,020,223	5,590,921	5,206,153		
previous meter	<u>8,811,847</u>	<u>8,377,942</u>	<u>7,965,404</u>	<u>7,542,987</u>	<u>7,029,347</u>	<u>6,575,352</u>	<u>5,983,924</u>	<u>5,558,300</u>	<u>5,174,057</u>		
subtracted TOTAL	35,744	35,452	35,863	35,418	35,648	33,191	36,299	32,621	32,096	312,332	34,704
Total Multiplied by 1000	35,744,000	35,452,000	35,863,000	35,418,000	35,648,000	33,191,000	36,299,000	32,621,000	32,096,000	312,332,000	34,703,556
Reuse Flow Meter Reading											
current meter reading*	719,541	618,615	727,201	597,679	494,678	<u>394,894</u>	305,918	206,906	<u>103,552</u>		
previous meter	<u>719,541</u>	<u>618,615</u>	<u>727,201</u>	<u>597,679</u>	<u>494,678</u>	<u>394,894</u>	<u>305,918</u>	<u>206,906</u>	<u>103,552</u>		
subtracted TOTAL	0	0	0	0	0	0	0	0	0	-	-
TOTAL Multiplied by 1000	0	0	0	0	0	0	0	0	0	-	-
Plant Water Meter Reading											
current meter reading*	84,083	77,344	72,106	67,587	62,656	57,290	<u>52,874</u>	<u>48,464</u>	43,623		
previous meter	<u>83,510</u>	<u>76,679</u>	<u>71,783</u>	<u>67,252</u>	<u>62,076</u>	<u>56,893</u>	<u>52,489</u>	<u>48,073</u>	<u>43,079</u>		
subtracted TOTAL	573	665	323	335	580	397	385	391	544	4,193	466
Total Multiplied by 1000	573,000	665,000	323,000	335,000	580,000	397,000	385,000	391,000	544,000	4,193,000	465,889

From: Bjerke, Brad <Brad.Bjerke@hdrinc.com>
Sent: Friday, January 27, 2023 5:14 PM
To: Jade Riley; Pat SVWSD
Cc: Mick Mummert; Marybeth Collins
Subject: HDR-Ketchum/SVWSD_Task Order_#15_Solids_Handling_PER
Attachments: Ketchum-SVWSD_HDR_TO#15_Solids_Handling_PER_01_20_23.pdf

Flag Status: Flagged

Jade and Pat,

Attached is Task Order #15 for engineering associated with Solids Handling Preliminary Engineering Report (PER). The Solids Handling upgrade will provide biosolids dewatering for safe hauling of solids instead of liquid to Ohio Gulch Transfer Station. The Solids Handling PER refines the dewatering concepts established in the Wastewater Facility Planning Study (FPS) and advances the design to the 30 percent stage. The PER provides detailed layouts, building construction details, building elevation views, a more accurate construction cost estimate, and detailed implementation schedule. The PER is then reviewed by DEQ and after approval allows Ketchum/SVWSD to advance the project to the detailed design stage (preparation of contract documents; plans and specs). The schedule in the task order assumes a notice-to-proceed of early March. This provides you time for review and approval in February.

Let us know if you have any questions on Task Order #15.

Thanks,

Brad Bjerke, PE
Senior Project Manager

HDR
412 E. Parkcenter Blvd , Suite 100
Boise, ID 83706
D 208.387.7073 M 208.841.3822
brad.bjerke@hdrinc.com

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City of Ketchum

February 21, 2023

General Manager and Board of Directors
Sun Valley Water and Sewer District
Sun Valley, Idaho

General Manager and Members of the Board:

Recommendation to Approve Task Order No. 15 with HDR Engineering, Inc. for a Solids Handling Preliminary Engineering Report for the Ketchum / SVWSD Wastewater Treatment Plant

Recommendation and Summary

Staff is recommending the Board approve Task Order No. 15 with HDR Engineering which will produce a Preliminary Engineering Report for upgrading the biosolids handling facilities at the City of Ketchum and Sun Valley Water & Sewer District Wastewater Treatment Plant and adopt the following motion:

"I move to approve Task Order No. 15 with HDR Engineering, Inc. for a Solids Handling Preliminary Engineering Report for the Ketchum / SVWSD Wastewater Treatment Plant with a not to exceed amount of \$96,230.00."

The reasons for the recommendation are as follows:

- HDR Engineering has been the design engineering firm for the wastewater treatment plant and has a Multiple Project Agreement for Professional Services with the District.
- HDR Engineering will provide technical assistance and necessary engineering functions to the District through this task order.

Analysis

The Ketchum/Sun Valley Water and Sewer District (SVWSD) Wastewater Treatment Facility is in the process of upgrading the current facility as part of the near-term improvements identified in a 2022 Facilities Planning Study. HDR Engineering will be providing these services under a Master Services Agreement between the City of Ketchum, the Sun Valley Water and Sewer District and HDR Engineering. This Task Order #15 would authorize HDR Engineering to provide technical memorandums regarding the phased implementation for biosolids dewatering/handling upgrades identified in the planning study.

Sustainability

The recommended action will enhance energy efficiency and sustainability at the treatment plant in the following ways:

- Modern, energy efficient equipment will be specified to reduce energy consumption
- Trucking requirements of treated biosolids will be reduced by 80%
- Dewatered biosolids can be used to produce compost to be reused locally

Financial Impact

The FY23 budget includes funds for Wastewater Capital Improvement Projects. This is a capital improvement expense which will be shared equally with the City of Ketchum.

Sincerely,

A handwritten signature in black ink, appearing to read "Mick Mummert", with a stylized flourish at the end.

Mick Mummert
Wastewater Division Supervisor

Attachments:

HDR Task Order 15 Scope of Services

TASK ORDER # 15

This Task Order pertains to an Agreement by and between City of Ketchum, ID / Sun Valley Water & Sewer District, Sun Valley, ID (“OWNERS”), and HDR Engineering, Inc. (“ENGINEER”), dated January 21, 2014, (“the Agreement”). Engineer shall perform services on the project described below as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

TASK ORDER NUMBER: Amendment #15

PROJECT NAME:

Ketchum / SVWSD Water Reclamation Facility (WRF) – Solids Handling Preliminary Engineering Report (PER)

PART 1.0 AMENDMENT DESCRIPTION:

Provide Solids Handling PER to advance the upgrade design described in the Ketchum/SVWSD Wastewater Facility Planning Study (2022).

PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY ENGINEER:

See Exhibit A.

PART 3.0 OWNER’S RESPONSIBILITIES:

PART 4.0 PERIOD OF SERVICE:

March 2023 – September 2023

PART 5.0 ENGINEER’S FEE:

See Exhibit A for breakdown.

Amendment #15: Ketchum/SVWSD Water Reclamation Facility (WRF) – Solids Handling Preliminary Engineering Report

\$96,230.00

PART 6.0 OTHER: N/A

This Task Order is executed this _____, 2023.

CITY OF KETCHUM, ID

SUN VALLEY WATER & SEWER DISTRICT (SVWSD)

“OWNER”

“OWNER”

BY: _____

BY: _____

NAME: Neil Bradshaw

NAME: Jim Loyd

TITLE: Mayor

TITLE: Chairman

ADDRESS: City of Ketchum
P.O. Box 2315 (191 5th St. W.)
Ketchum, ID 83340

ADDRESS SVWSD
: P.O. Box 2410
Sun Valley, ID 83353

HDR ENGINEERING, INC.

“ENGINEER”

BY: 

NAME: Kate Eldridge

TITLE: Sr. Vice President

ADDRESS: HDR
412 E. Parkcenter Blvd,
Suite 100
Boise, ID 83706

EXHIBIT A

Scope of Services

Background

The Ketchum/SVWSD Water Reclamation Facility (WRF) treats the wastewater generated by the City of Ketchum and Sun Valley. The WRF is jointly owned by the City of Ketchum and the Sun Valley Water & Sewer District (SVWSD). Treated water is discharged to the Big Wood River per an Idaho Pollutant Discharge Elimination System (IPDES) permit and recycled during the summer authorized by an Idaho Department of Environmental Quality (IDEQ) reuse permit. Future planning for the WRF was submitted in a Wastewater Facility Planning Study (FPS) completed by HDR in 2022 and approved by IDEQ.

This Task Order is for a Biosolids Handling Preliminary Engineering Report (PER) advancing upgrades identified in the Capital Improvements Plan (CIP) and Implementation Schedule for the next three years (2023 – 2025). The core of the upgrades includes biosolids dewatering. The WRF currently does not have solids dewatering and hauls thickened biosolids to drying beds at Ohio Gulch Transfer Station in liquid form.

This scope of services specifically advances the Biosolids Digestion, Thickening, Dewatering, and Handling plan by developing a PER used to define dewatering and handling of biosolids. Dewatering of biosolids will eliminate liquid trucking of three percent solids “liquid sludge” (97% water) and allow open trailer hauling at fifteen percent solids (no free water), a trucking reduction of 80 percent. The end product can be composted into an ultra-high quality biproduct (Class A Exceptional Quality) and reused in the Valley.

The PER is generally summarized below:

Solids Thickening, Dewatering, and Handling PER

- Summarize the current, intermediate, and future design conditions (from FPS).
- Review the Sumo biological process model for solids production calibrated to the observed solids generation to meet current, intermediate, and future loading demands.
- Determine the cost/benefit for implementation of rotary drum thickener (RDT) biosolids thickening technology to reduce future digester #2 volume.
- Determine the size and layout for screw press dewatering (dewatering technology selected in FPS study).
- Determine the building layout serving future digester blowers, biosolids pumping, thickening, dewatering, conveying, trucking, and associated details.
- Define the building construction materials required to match existing buildings and conform to building codes.

- Review the electrical feed to the existing digester blower building near the proposed site and determine the changes required for additional power at the new biosolids handling building.
- Prepare a Class 3 construction cost opinion for the biosolids handling project and an implementation schedule.

The engineering services described in detail for this Scope of Services are as follows:

TASKS

Task 100 – Project Management

Objective

Budget Status Monitoring: Monitor the project work to complete the overall Project, the budget expended, the estimated cost of the work remaining, and the estimated cost at completion. Inform Ketchum/SVWSD of budget status through the monthly invoices, provide invoice progress reports and progress conference calls. Manage activities within overall total Project budget.

HDR Subtasks

- Communicate to Ketchum/SVWSD and the project team through telephone calls, conference calls, project meetings, and e-mail communications.
- Monitor team scope, budget, and schedule; delegate task assignments and responsibilities by discipline; and coordinate issues with Ketchum/SVWSD Project Manager.
- Bi-monthly project update virtual meetings (web based) between HDR PM, Ketchum PM, and Ketchum/District Manager's. Duration 30 minutes each, for 6 months. Prepare agenda and meeting notes.
- Prepare monthly progress reports to accompany invoice summarizing the work progress to date, budget expenditures, and identify information requirements or decisions for Ketchum/District.
- Develop and execute internal Quality Assurance/Quality Control (QA/QC) Plan.

City/District Involvement

- Interface with Consultant on project issues and timely response to requests for information.

Assumptions

- Project kickoff meeting and draft PER review workshop will be conducted on site at the Ketchum/SVWSD WRF. The kickoff meeting will be attended by HDR's project manager, project engineer, and the electrical/controls engineer.
- The draft PER review meeting will be on site and attended by the PM and project engineer with the electrical engineer joining by conference call.

- Meeting and travel time for each on-site meeting will be 8 hours. Meeting time is assumed to require a minimum of two (2) hours. Engineer will prepare agenda, Microsoft Powerpoint slides, and meeting minutes.
- Monthly progress reports for the duration of the project, up to 6 months.
- Prepare amendments to the agreement if scope changes occur.
- Direct expenses for travel or printing will be included on invoices.

Deliverables

- Progress reports and invoices (1 each month sent electronically)
- Bi-monthly meeting agenda and notes (sent electronically by e-mail in .pdf format)

Task 200 – Preliminary Engineering Report (PER) for Solids Handling

Objective

Establish the preliminary engineering requirements for the solids handling improvements that meet the requirements per Idaho Code IDAPA 58.01.16 Section 411: Facility and Design Standards for Municipal Wastewater Treatment or Disposal Facilities – Preliminary Engineering Reports.

The PER will generally address:

- Flows and loads along with associated waste activated sludge (WAS) estimates (current, +10 years, +20 years)
- Solids pumping
- Pros/cons of thickening for new digester #2 sizing
- Blowers for future digester #2 aeration
- Screw press sizing and layout
- Conveyor and truck layout
- Dewatering building codes and details
- Electrical architecture, sizing, and area classification.
- Controls/instrumentation requirements and controls network architecture.
- Electrical room layout

HDR Subtasks

Prepare a Solids Handling PER to define the upgrade project with a unified design concept to allow development of a realist opinion of probable construction cost (OPCC), an informed review by Owner, and approval by Idaho Dept. of Environmental Quality (DEQ). The anticipated subtasks of the PER are as follows:

- Establish design flows and loads for the current, + 10 years (2033), +20 years (2043) planning conditions.
- Run SUMO process biological computer model to predict WAS flow for minimum, average, and maximum design conditions. Develop mass balance for the aerobic digester/solids handling system.

- Determine final biosolids quality requirements and disposal requirements.
- Develop Process Flow Diagram (PFD) for the solids handling system identifying reliability and redundancy requires per DEQ code. The PER will provide a narrative for individual unit processes.
- Survey of the existing plant south of the existing digester and east-west between the existing solids loadout building and river.
- Develop site plan showing new and existing structures, building road access, and preliminary yard piping plan (major piping systems). Site considerations include demolition of existing gravity thickener and repurposing of sludge loadout building.
- Evaluate the cost / benefit of WAS thickening using rotary drum thickener (RDT) on the future digester #2 sizing. Determine if RDT should be constructed with dewatering or wait until digester #2 construction (~ FY 2030).
- Determine the preliminary digester #2 sizing and layout for the purpose of site coordination with the new dewatering building.
- Determine future digester #2 aeration blower sizes by process modeling (SUMO) for power requirements and building space.
- Determine biosolids pumping methods (pump type), pump locations in dewatering building, and pump motor sizes.
- Determine screw press sizing, layout, and accessories.
- Determine polymer storage and feed requirements, polymer dilution system, and polymer layout.
- Determine dewatered biosolids conveyance and truck loadout.
- Odor and noise mitigation (discussed in narrative form, no active systems are planned for either).
- Develop preliminary equipment and electrical load lists and data sheets for major equipment.
- Preliminary design of Solids Handling Building including: building design codes, preliminary sizing of foundation, walls, and slabs. Footprints and sections showing major equipment. Determine equipment access and hoisting plans. Define building material selections. Define building design standards meeting NFPA 820 - Standards for Fire Protection in Wastewater Treatment and Collection Facilities (HVAC and electrical).
- Provide 3D view of major equipment in the building and building elevation views.
- Determine electrical supply to building (electrical site plan), electrical classification inside the building, electrical room size and layout. Provide electrical power one-line diagram.

- Develop preliminary Piping & Instrumentation Diagram (P&ID) and controls network diagram.
- Prepare an opinion of annual operating cost for the solids handling system.
- Prepare a Class 3 Opinion of Probable Construction Cost (OPCC) estimate. Class 3, expected accuracy range of plus 30 percent and minus 15 percent.
- Prepare implementation schedule for detailed design, equipment pre-purchase, and construction.

City/District Involvement

- Perform a timely review of draft PER and provide single set of reconciled review comments. Consultant schedule includes an allowance of up to two (2) weeks for Owner review of the PER. Any duration longer will result in schedule adjustment.
- Provide operating log sheets for the previous thirty-six (36) months of plant operations.
- Provide record drawings of existing plant structures and equipment arrangements.
- Provide geotechnical reports and foundation design recommendations from past design projects.
- Provide survey and topographic mapping information of project site in AutoCAD (.dwg) format.
- Participate in the review meetings.
- Authorize submission of final Solids Handling Preliminary Engineering Report to DEQ.

Assumptions

- Survey allowance of \$5,000 based upon discussion with Galena Engineering (plus 10% markup).
- Potholing of underground piping and utilities will not be required.
- Process flow diagram and P&ID will be for solids handling only.
- Computational fluid dynamic (CFD) modeling will not be required for digester sizing or mixing.
- Odor control and noise mitigation narrative only, preliminary design for special equipment or systems not needed or required.
- Consultant's quality assurance manual and design delivery manual will provide the basis of the quality control program.
- Preliminary cost opinion will be for budgetary planning purposes to support project funding. Consultant will provide a Class 3 estimate (appropriate for 10 – 30 project definition) per AACE International recommended Practice No. 17R-97 with range of accuracy +30 percent to -15 percent.
- DEQ comments to PER are anticipated and response to comments is assumed to require 4 hours.

Deliverables

- Review meeting agendas and minutes (electronic file in .pdf format transmitted vis e-mail).
- Draft – Ketchum/SVWSD WRF Solids Handling Preliminary Engineering Report to City/District (electronic file in .pdf format transmitted via e-mail).
- Final - Ketchum/SVWSD WRF Solids Handling Preliminary Engineering Report to DEQ (electronic file in .pdf format transmitted via e-mail).
- Response to DEQ comments (electronic file in .pdf format transmitted via e-mail).

Additional Services Not Part of this Scope

Additional services can be provided upon request. The following provides a list of exclusions or situations not included in this scope of services:

- No bench or pilot testing.
- No updates to the FPS and CIP
- No bidding documents.
- Excludes any other services not otherwise included in the agreement or not customarily furnished in accordance with generally accepted engineering practices.

Anticipated Schedule Summary

The project schedule assumes the following milestones timeline for project completion.

Activity or Milestone	Date
Notice-to-Proceed (NTP)	March 6, 2023
Draft Solids Handling PER	July 21, 2023
Final Solids Handling PER	August 18, 2023
DEQ Approval	September 29, 2023

The above schedule will be adjusted based on the actual day the NTP is issued and/or if the City requests additional review time. An additional 30 days has been added to the overall contract period in the Task Order (PM) to allow for project closeout activities.

Fee Summary Table

Subtask	Est. Hours	Cost
100 – Project Management, Project Financials, Monthly Reports, Meeting	78	\$14,160
200 – Solids Handling PER	370	\$59,070
Survey	40	\$5,500
Electrical/Controls	80	\$16,500
Expenses	-	\$1,000
TOTAL	568	\$96,230

Time and expenses, not to exceed \$96,230 without written authorization.

Water Requirements and Supply Ketchum Southern Gateway

Prepared for:

City of Ketchum, Idaho
Blaine County
Sun Valley Water and Sewer District

December 6, 2012

For information concerning this report, contact
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Water Requirements and Supply Ketchum Southern Gateway

Prepared by: Brockway Engineering, PLLC
Date: December 6, 2012

A. Introduction

The area of Blaine County along State Highway 75 south of the City of Ketchum is an area of potentially significant development and an area of concern relative to the availability and reliability of water supplies for current and future subdivisions and facilities. The area includes the St. Luke's Medical Center, McHanville, a developed light industrial area, a mobile home park, a platted subdivision and several unplatted parcels. The Blaine County Community Housing Overlay District includes five (5) sub districts which allow varying types of development and varying densities. Figure 1 shows the Southern Gateway area and the Community Housing sub districts as delineated in the Blaine County zoning ordinance. Each of these sub districts require or will require specific levels of water supply for potable water and landscaping irrigation.

This report outlines the procedures and analysis techniques utilized by Brockway Engineering PLLC in developing water requirements and evaluating potential water supply sources for the various sub districts. The work has been performed under contract with the City of Ketchum and Blaine County and includes an evaluation of the Big Wood River aquifer in the vicinity of the Southern Gateway utilizing existing well data, an analysis of the sustainability of ground water supplies, preliminary analysis of the hydraulic feasibility of alternative water supply sources, field data compilation and analysis to develop estimates of the range of diversion rates, annual volume, and consumptive use requirements.

Data on the Blaine County ordinances, specific sub district and development allowances and constraints was provided by the Blaine County Land Use and Building Service staff and development concerns and limitations relative to The City of Ketchum were provided by The City of Ketchum staff.

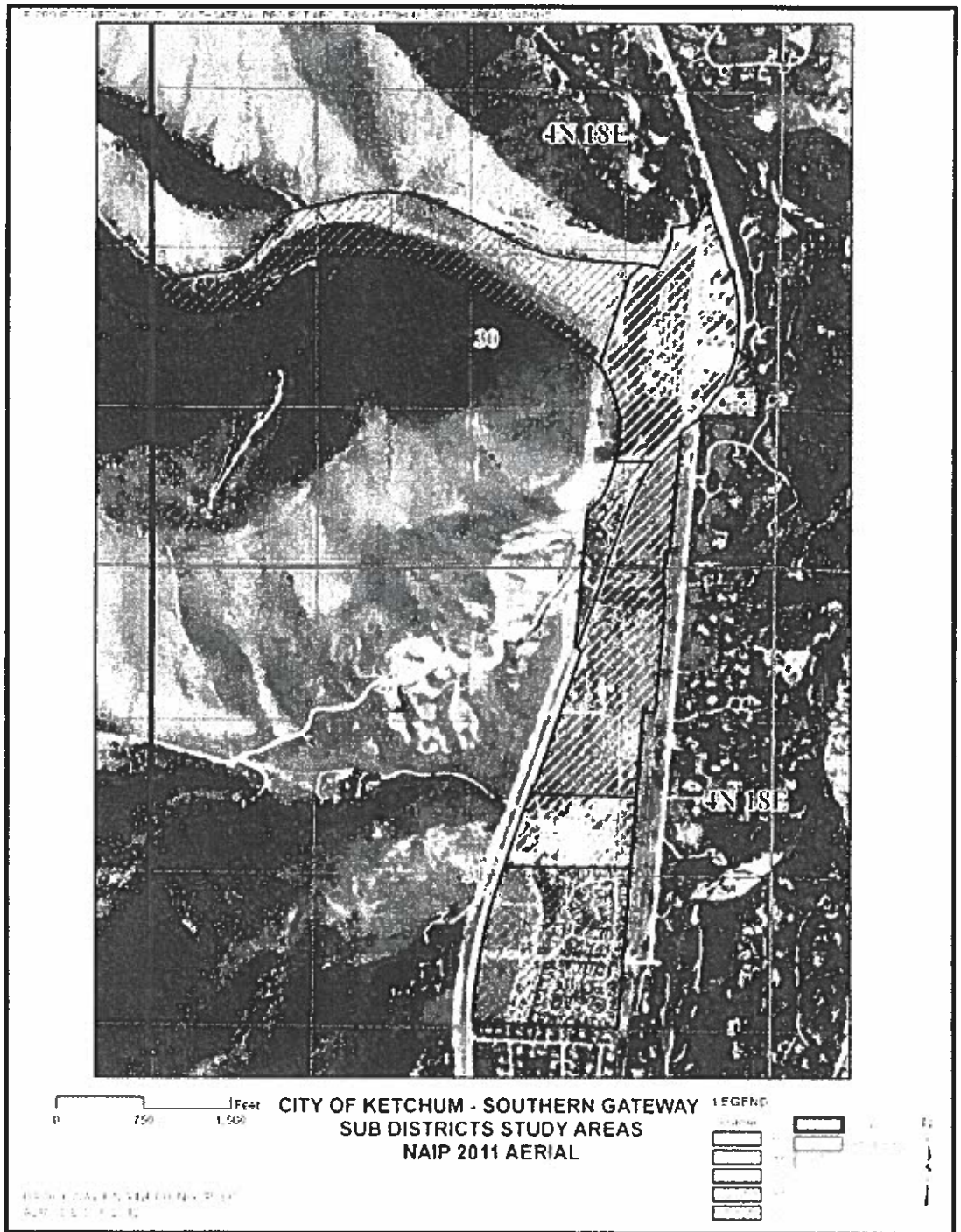


Figure 1: Southern Gateway Area and Sub Districts

A.1. Area of Concern

A.1.1 Jurisdiction

The Southern Gateway area is under the jurisdiction of Blaine County and development is guided by the Blaine County Comprehensive Plan and development codes. However, the City of Ketchum is considering including the Gateway area in its Area of Impact. Therefore, each entity has specific concerns relative to water supply availability, sustainability, and service areas of various current and/or future water purveyors. Part of the Gateway area is currently or will be served by the Sun Valley Water and Sewer District (St. Luke's Medical Center, McHanville and Gypsy Trailer Court) and part of the area is served by the Mid Valley Water Company LLC water system. This system currently serves the Meadows Mobile Home Park and is scheduled to serve the Quail Creek Subdivision. Other developed areas within the Gateway area are served by private individual wells. Some of the area is included in sub districts where the aquifer properties likely preclude local aquifer development.

A.1.2 Joint Study Effort

Because of the concerns of both Blaine County and the City of Ketchum, a joint study was undertaken for the Southern Gateway area and joint information meetings have been held between Brockway Engineering, Blaine County, and The City of Ketchum. Sun Valley Water and Sewer District has been contacted and input from the operators of the Mid Valley Water Company LLC has been solicited.

A.1.3 Community Housing Overlay Sub Districts/ Study Area

The South Gateway area has been designated into five sub districts within the Community Housing Overlay to delineate areas planned for community housing, commercial and light industrial development. Figure 2 shows the delineations of each sub district. The allowed activities in each Sub district considered for this study are based on the draft amendments to the Community Housing Overlay District ordinance obtained from the Blaine County Land Use and Building Services staff.

The CH-W Sub district on the north end of the Gateway area includes the St. Luke's Medical Center and McHanville areas. These areas, along with the Gypsy trailer court are served by the Sun Valley Water and Sewer District and are therefore not included in this study. All other areas of the Community Housing Overlay District as shown in Figure 2 are included.

A.1.4 Water Use Requirements and Sources Evaluation

This study includes evaluation, for each sub district, of the potential water requirements based on type of development, estimates of type and size of residences or commercial/industrial facilities. Potable water requirements include in-house use for personal residences, in-building requirements for commercial facilities, and industrial water requirements. Irrigation water requirements include landscaping and turf for individual or multiple residential units, landscaping for commercial areas including parking lots, and turf for any large common block areas (parks, playgrounds, etc.). This

component includes common areas for each unit as required by the Blaine County criteria for subdivision development.

Any other facilities requiring significant water diversions are included, if known. These can include any manufacturing facilities requiring product water or processing water.

B. Potential Water Sources

B.1. Existing Water Purveyors

Existing water purveyors which may provide potable and/or irrigation water include the City of Ketchum, Sun Valley Water and Sewer District, and the Mid Valley Water Company System. Utilization of any of these potential sources depends on the willingness of the entity to expand, capacity or excess capacity of existing diversion systems, and the hydraulic and economic feasibility of system expansion. There are statutory requirements relative to expansion of service areas for the City of Ketchum and Sun Valley Water and Sewer District and water right requirements for all entities. Development of a new water purveyor utility to serve all or part of the Gateway area is also a possibility. This report outlines the potential entities for water supplies for the Gateway area and known considerations for administrative and water right changes which would be necessary to effect an expansion or development of each system. The report does not explore all of the internal decisions which must be made for each entity.

The Sun Valley Water and Sewer District, SVWSD, serves the City of Sun Valley and areas south of the City of Ketchum including Lane Ranch Subdivision, McHanville, St. Luke's Medical Center, and the Gypsy trailer park. Hydraulically, SVWSD has the capability to serve much, if not all, of the proposed Gateway area. With existing service to the south boundary of St. Luke's, extension to enclose the areas south of Highway 75 and the Cold Springs area would be possible with some distribution system changes. Current water availability to SVWSD to serve the additional units in the Gateway area is not known but additional water rights and sources can be explored.

The City of Ketchum water system service area extends south of the City to the City boundary at Elkhorn Road. The City system could be hydraulically extended south to serve the Gateway area, however; the City water right limits the water service area to the City boundaries. It would be necessary for the City of Ketchum to annex additional subareas with the Gateway area in order to include them in the water service area. At this time, it is not known if the City of Ketchum is considering annexation of this area or not.

Mid Valley Water Company LLC, which currently provides water and sewer service to the Meadows Mobile Home Park and developed parts of the Quail Creek Subdivision has a well at the southeast corner of the Meadows Mobile Home Park. This well, along with a proposed new well in the Park authorized by a new water right permit acquired by Mid Valley Water Company will provide water service to the Mobile Home Park and the

Quail Creek Subdivision. The distribution system could be extended northward to serve the remainder of the Gateway project. This extension will likely require moving the proposed new well, adding at least one additional well and providing booster pumps to service the higher area in the Cold Springs Gulch and crossing HW 75 with the water service line. The existing well at the Meadows has been flow tested and has a confirmed capacity of 785 gpm.

B.2 New Ground Water Developments and Entities

Establishment of a new ground water source, distribution system, and operating entity requires a new municipal or multi/user ground water right from the State through the Idaho Department of Water Resources. The operating entity can be a homeowner's association, a private purveyor, a public utility, or a statutorily formed water district. Contingent upon the aquifer yield available, this entity, if formed, could serve the entire Gateway development whether or not the development took place as separate small subdivisions or as one large unit development.

B.3. Treatment of Surface Water Sources

Surface water sources are not considered feasible for potable water use because of the cost of administration and water treatment requirements. Hydraulically Big Wood River water or spring water from Clear Creek could be made available. However, Division of Environmental Quality criteria would require treatment of either source and continuous monitoring of water quality to assure that water quality standards for drinking water were met.

B.4. Individual Wells

Small wells for individual or grouped units could be utilized if strategically located and an operating entity formed for administration of the numerous wells. No estimate has been made to determine the number of grouped unit, multiple-user wells that would be required to serve the estimated maximum 986 residential and/or 58 light industrial units. Use of multiple smaller wells would disperse extraction from the aquifer throughout the project and would minimize local well interference. However, this concept would require intensive monitoring, administration, and drilling and operation of a large number of wells provides an excess number of potential sources of aquifer pollution which would not be condoned by the Division of Environmental Quality and would be limited by IDWR water rights policy. For these reasons, use of individual or grouped wells is not considered feasible for the Gateway Project.

C Hydrology of the Big Wood River and Aquifer

C.1 General Geology

The water source for any new potable wells will be the Big Wood River Valley aquifer. This aquifer is comprised chiefly of alluvial deposits of sand and gravel, with some relatively thin strata of fine-grained materials. The aquifer is generally unconfined and the depth of the aquifer is not uniform. Width of the alluvial aquifer in the project area

averages about 4000 feet. In the area from McHanville south to the Meadows, the depth of alluvial aquifer varies from 5 ft. to about 44 feet with an estimated saturated depth of approximately 88 feet in the area of the Gateway Project. Low-permeability granitic bedrock or consolidated sedimentary rock underlies the alluvium, and essentially forms the bottom of the aquifer (Frenzel, 1989).

C.2. Big Wood River Aquifer Properties

C.2.1. Well Driller's Logs

Well driller's logs are the best source of information on aquifer lithology and properties absent specific test wells. Appendix 1 includes 30 selected well driller's logs available from the IDWR data base and the aerial photograph in Appendix 1 shows the locations of wells for which adequate data are available for aquifer analysis. Each selected driller's log shows the lithology (strata) encountered by the driller, the well depth and casing log, static water level at the completion of drilling, and some estimate of well discharge and drawdown.

C.2.2 Well Yields and Specific Capacities

The well driller's logs from thirty wells from the surrounding area were examined for estimating the aquifer conditions. The thirty wells were selected based on a pump test or well productivity tests that were performed by the well driller at the completion of the well. The three methods used to perform well productivity tests are a pump test, a bailer test and a blown air test (Appendix 2). The depth of the thirty wells varies from a depth 20 feet to 297 feet. The average standing water level in the thirty wells is 14 feet. The average pumping rate for the thirty wells is 64 gallons per minute. The average specific capacity of the thirty wells is 14 gallons of water yield per foot of the drawdown during pumping. The higher producing wells were drilled into the alluvial aquifer.

C.2.3 Aquifer Transmissivity and Hydraulic Conductivity

The permeability of the water-bearing alluvium is very high. Estimates range from 150 ft/day to 500 ft/day (Frenzel, 1989; Luttrell and Brockway, 1982; Smith, 1959). The soils maps and surrounding well logs for this region do not indicate any anomalies in the geologic make-up of the aquifer under the proposed development property and it is likely that any new wells drilled on site would be capable of producing flows of up to 100 gpm. For the purposes of our analysis, we assumed a permeability of 168 ft./day which is a median value observed for wells in the Wood River Valley aquifer near the Gateway area. (Appendix 2)

D. Water Requirements

Potable and landscaping or irrigation requirements were estimated for the sub districts in the Gateway area based on existing zoning and allowable types of development and estimated occupancies and densities in the various zones.

D.1 Analysis Procedure/ Assumptions

A map of the proposed sub district areas was provided to Brockway Engineering by Blaine County. From that map and through analysis of the parcels within the sub districts, the acre amounts for potential development were calculated. The following assumptions are made for the purposes of this study. The West sub district along Cold Springs Gulch will have 13.0 acres that are available for development, Appendix 3. The Estate sub district on the East side of Highway 75 has 39.7 acres that will be available for development. The South sub district includes the Meadows trailer park. The established housing living sites within the Meadows trailer park will not be redeveloped due to this project. Therefore, a 13.1 acre portion of the South sub district was included in this study and is anticipated to be developed. The light industrial sub district includes parcels that are currently utilized by light industrial businesses. For this study, existing businesses will not be changed for this project. There are 3.6 acres within the light industrial sub district that will be developed and are included in this study. An aerial map of the areas within the sub districts is shown in Figure 2.



Figure 2: Sub District Areas Included in Study

Each Community Housing sub district was analyzed for four different units per acre densities. The four densities are 5, 8, 12 and 15 units per acre. The number of persons per unit for all densities is three persons. A value of 69.3 gallons per person per day is used to estimate the potable water demand per housing sub district (EPA, 2002). Fifteen percent of each sub district was identified to be used for roads and walkways through the sub districts. Required common area per unit is 1,000 ft² and the required yard setback area per unit is 500 ft². Irrigation for common areas and landscaping for the community housing development is expected to have an irrigation efficiency of 65%.

The analysis of the required square foot print for each unit was split into two types of housing. The first housing type is a single structure unit that has an estimated footprint of 2000 ft² that includes the unit, storage and parking. The second housing type is a multi-family structure with five units per structure. The estimated average foot print for each unit, storage and parking is 900 ft². The foot print estimation for the multi-family units are based on floor plans provided to Brockway Engineering for the McHanville Apartments.

For this study, the calculated common and yard setback areas identified are the only areas that will be irrigated. All of the remaining acres available are assumed to not be developed and will remain vacant acres.

Irrigation water demand is based on turf grass for the Wood River area. Data from the University of Idaho and the Hailey Ranger Station indicated that 1.96 acre feet annually is required to irrigate one acre of lawn. The highest water use month is July.

D.2 Sub districts

D.2.1. Community Housing Estate

The water demand for the Community Housing Estate sub district is dependent on the density of units per acre and the structure type. For a unit density of 5 units/acre with single structured units, the total annual demand for the sub district of potable water and irrigation water is 66.7 acre feet annually. A unit density of 5 units/acre with two level multi-family units has a total annual demand of potable water and irrigation water of 66.7 acre feet annually. With a unit density of 15 units/acre, a two level multi-family structure development would have a total annual demand of potable water and irrigation water of 200.2 acre feet annually.

D.2.2 Community Housing South

The water demand for the Community Housing South sub district is dependent on the density of units per acre and the structure type. For a unit density of 5 units/acre with a single structured units, the total annual demand of potable water and irrigation water is 20.0 acre feet annually. A unit density of 5 units/acre with two level multi-family units has a total annual demand of potable water and irrigation water of 20.0 acre feet annually. With a unit density of 15 units/acre, a two level multi-family structure development

would have a total annual demand of potable water and irrigation water of 66.0 acre feet annually.

D.2.3 Community Housing West

The water demand for the Community Housing West sub district is dependent on the density of units per acre and the structure type. For a unit density of 5 units/acre with single structured units, the total annual demand of potable water and irrigation water is 21.9 acre feet annually. A unit density of 5 units/acre with two level multi-family units has a total annual demand of potable water and irrigation water of 21.9 acre feet annually. With a unit density of 15 units/acre, a two level multi-family structure development would have a total annual demand of potable water and irrigation water of 65.6 acre feet annually.

D.2.4 Light Industrial

The light industrial sub district water demand is based on an average 15.7 gallons of water per employee per day. An estimated value of 4 employees per business was used in the water calculations (EPA, 2002). Each business was estimated to require 2500 ft². The business owned and operated by Clear Creek Disposal and Animal Center were included in this study but the parcels of land in which there is a current businesses operating will not be altered due to this project. No irrigation water is expected to be required in the light industrial sub district. The potable water demand for the Light Industrial sub district for development of a unit density of 5 light industrial units (12,500 ft²)/acre is 1.5 acre feet annually. The water demand for a unit density of 15 light industrial units (37,500 ft²)/acre is 4.1 acre feet annually. The area available for development within the light industrial sub district is 3.6 acres.

The complete potable water demand and the irrigation water demand calculations for each sub district is outlined in Appendix 4. A summary of the water demands for each sub district is provided in Table 1.

Table 1: Potable and Irrigation Water Requirement Summary

Sub District	15 Units/Acre		12 Units/Acre		8 Units/Acre		5 Units/Acre	
	Single Structure	Multi-Family Structure	Single Structure	Multi-Family Structure	Single Structure	Multi-Family Structure	Single Structure	Multi-Family Structure
	Acre Feet Annually		Acre Feet Annually		Acre Feet Annually		Acre Feet Annually	
Estate	-	200.2	-	160.1	106.8	106.8	66.7	66.7
South	-	66.0	-	52.8	35.2	35.2	22.0	22.0
West	-	65.6	-	52.5	35.0	35.0	21.9	21.9
Light Industrial	4.1	-	3.3	-	2.3	-	1.5	-
Volume of Water Required Annually (AFA)	336		269		179		112	

E. Peak Demand Water Use

The combined density of 15 multi-family units/acre was used for all three housing sub districts and 15 units/acres was used for the light industrial density as the highest potable and irrigation water demand for the project. The average daily potable water demand for this project build out would be 208,662 gallons per day or 145 gallons per minute (0.32 cfs) continuous pumping. The peak hourly withdrawal for potable water would be 739.0 gallons per minute or 1.65 cubic feet per second. A total of 34.0 acres would be irrigated in the commons and back yard areas. The 34.0 acres would require a design peak flow rate for irrigation of 351.0 gallons per minute or 0.78 cubic feet per second. The combined potable and irrigation required peak hourly flow rate would be 1090.0 gallons per minute or 2.43 cubic feet per second. Average continuous demand for potable and irrigation water demand is 495.9 gallons per minute. (See Appendix 5)

F. Multiple Well Interference Analysis

Multiple well interference analysis consisted of three proposed production wells and four hypothetical indicator well locations. The locations of all wells in this analysis are identified as a representation of possible conditions and effects.

Pumping from the three hypothetical production wells will induce a local drawdown in the aquifer water table. This drawdown will be a maximum at the well, and will decrease in magnitude with distance from the well. An estimate was made of the drawdown at distances from the well based on estimated aquifer characteristics and estimated pumping rates from community water system wells. The method developed by C. V. Theis, 1963 was used to estimate the drawdown caused by the well, using a hydraulic conductivity of 168 ft./day, a saturated depth of 88 feet, and a storage coefficient of 0.15. Two scenarios were examined: first, the well was assumed to pump continuously for 365 days at the average daily rate of 496 gpm which equates to the average daily demand of 714,000 gpd continuously pumping. Second, the wells were assumed to pump at the peak hourly diversion rate (1090 gpm) for 12 hours. Both of these are very conservative since the well(s) will cycle and not run continuously. For the purposes of this analysis however, the wells are assumed to be running continuously which will provide the worst-case scenario in evaluating potential well impact. Results of the well interference analysis are shown in Appendix 6.

Based on the Theis analysis, the maximum predicted drawdown is estimated to be 1.7 feet at two of the indicator wells after the 496 gpm average daily rate was pumped 365 days of continuously. For the peak diversion rate of 1090 gpm pumped continuously for 12 days, the predicted drawdown is .55 feet at two of the indicator wells. The drawdown calculated in this analysis is not significant and will not interfere with other groundwater users.

Utilization of the Theis method of estimating local well drawdown assumes an infinitely

large aquifer and full penetration of the extracting well. It does not account for laterally terminating geologic structures or impermeable or vertical changes in hydraulic conductivity of the aquifer layers. However, the Theis estimates provide a reasonable estimate of potential interference at the distances available at the Gateway locations.

G. Groundwater depletion

Total groundwater discharge in the Big Wood alluvial aquifer at Hailey has been estimated by Smith (1959), Luttrell and Brockway (1984), Frenzel (1989), and Wetzstein, et al (2000). There is considerable variation in the estimates, but a reasonable average estimate of groundwater underflow based on available data is 40,000 ac-ft per year at Hailey. Big Wood River aquifer gains from below Ketchum to Hailey include East Fork, Indian Creek and Deer Creek. No published estimates of groundwater inflow from these tributaries are available; however, based on the drainage areas of these tributaries, the aquifer gain in this reach is likely less than 10,000 acre feet per year. Therefore, the estimated aquifer underflow at the Gateway Project is 30,000 acre feet per year. The proposed subdivision domestic usage will deplete the aquifer by the estimated consumptive water use or 101.2 acre feet per year (Appendix 5). Based on this value, the depletion of the aquifer by the domestic water usage will be 0.34% of the total groundwater underflow. A depletion of this magnitude is not detectable and will not result in a significant impact on other groundwater or surface water users in the Big Wood River.

H. Water Quality

The quality of water in the aquifer underlying the proposed subdivision is excellent. Frenzel (1989) presented water quality results for wells sampled in 1986 and 1987, and for several previous studies dating back to 1959. Luttrell and Brockway (1984) collected and analyzed water samples from 60 wells during 1983 and 1984. In addition, water quality on the existing Meadows community water system well was evaluated. The water quality data from the 2006 and 2010 public Drinking Water System Inorganic Chemical (IOC) Analysis Report for the Meadows well and distribution system, nitrate data for 2010-2012, and Coliform Bacteria Analysis reports for 2011-2012 are included in Appendix 6. These reports indicate that constituent levels in the aquifer meet all EPA and State drinking water standards. Monthly measured levels for nitrate +nitrite varied from 0.32 to 0.48 mg/l compared to the drinking water standard of 10 mg/l. Fluoride level was 0.46 compared to the MCL of 4.0 mg/l and no other inorganic compound concentrations exceeded MCLs.

All of the data indicates that the groundwater quality is excellent, and is acceptable for potable water usage.

I. Fire Flow Requirements

Fire protection for the area is under the jurisdiction of the Ketchum Rural Fire Department. Mike Elle, Chief of Fire and Emergency Medical Services, provided information relative to required fire flow protection discharges. Fire flow calculations for buildings are based on the construction type, density of structures and the summation of the areas of the three largest successive floors. Any structure with a summation of square footage that is larger than 8,000 ft² will require a fire sprinkler system to be installed in the structure in addition to having the required fire flow available.

The minimum discharge for fire protection for a low density build out of single family structures is 500 gpm with a maintained residual pressure at the hydrant of at least 20 psi.

A two level framed constructed structure with a footprint of 4,400 ft² will have an approximate fire flow calculated area of 8,800ft². Fire flow for this type of a structure will be 2,500 gallons per minute for a duration of 2.0 hours. The structure will also be required to have a fire sprinkler system installed. Structures with additional square footage will require additional gallons per minute and increased duration of flow required (See Appendix 8).

Fire protection discharge requirements can be provided by direct discharge from an aquifer source or by enhancement of discharge capacity using elevated storage tank(s). The minimum storage volume is 30,000 gallons for an elevated storage tank. The 30,000 gallons can be available directly or provide stored water to a pressurized system that provides a hydrant within 1000 feet of every building. Based on the contemplated building types and densities for the Gateway area, elevated storage will likely be required.

Based on the estimated attainable well yields for the aquifer, it is not likely that an individual well will provide the minimum fire flow; however, multiple wells may provide this level of discharge. No recommendations on storage volume requirements or locations for alternative storage facilities are made in this report.

J. Recommended Sources

There are no hydraulic conditions, aquifer or system impediments, which would necessitate individual water supply systems for the various subdivisions. One entity can provide the necessary volumes and peak flows and an integrated supply system will provide economies of scale and hydraulic flexibility. It is recommended that a single operating entity be considered for the entire area. Any existing or new water supply purveyor will likely be required to modify their current service areas and likely update delivery systems and discharge capabilities. Any system changes or service area changes will require modification of existing water rights or acquisition of new water rights. The

extent of changes required in any existing purveyor's system or the configuration of a new operating entity is a design function and not included in this report.

Multiple wells can be utilized to satisfy the water demands for the project sub districts. By having multiple wells, the water demand can be spread between the wells and reduce the local aquifer impact from the increased pumping.

K. Water Rights

The only existing water right within the Gateway area which provides multiple-user supplies is held by the Mid Valley Water Company. The Sun Valley Water and Sewer District authorized service area does not currently include the area nor does the City of Ketchum water rights. Water rights applications to enlarge service areas are not required for the City of Ketchum since their water rights are municipal rights and, as such, their service area is defined as the area within the City which would necessitate annexation of the new areas. Likewise, the SVWSD water rights can be modified to expand the service area but would require annexation into the District or contract for out of district services. Expansion of the Mid Valley Water Company system would require a new permit or a water right transfer to expand the place of use or provide additional discharge. Acquisition of additional water rights or changes in place of use for the type of service anticipated in the Gateway area is likely.

L. Conclusions

1. The recommended water source for the community water system(s) is ground water from the Big Wood alluvial aquifer, which is sufficient to supply the maximum water requirement with minimal drawdown at wells within the development boundary. Consumptive use is estimated to be 0.34% of the total groundwater under flow. New water permits or transfers of existing ground water rights will be necessary to provide the in-house culinary water and residential irrigation supply. A calculated 11.3 acres of irrigation will be required for common and yard setback areas with 5 units/acre density applied to Estate, West and South sub districts. A calculated 34.0 acres of irrigation will be required for common and backyard areas with a 15 units/acre density applied to Estate, West and South sub districts. All remaining acres undeveloped will remain non-irrigated vacant or natural acres.
2. Irrigation requirements could be supplied from surface water sources; however, utilization of Big Wood River surface supplies or Clear Creek would require construction of a separate diversion and delivery system which is not likely economically feasible for the small irrigated area.
3. Ground water pumping to supply in-house domestic and residential irrigation will not significantly impact the aquifer underlying the project.

4. Development of a ground water source for potable water and the common area irrigation will require the acquisition of additional or modification of existing municipal or multiple use domestic rights. If storage is required for fire protection flows, an additional water right may be required. If new permits are secured, they would likely be municipal permits with a domestic and an irrigation beneficial use. The irrigation portion of the permit will not be immune to water calls under proposed conjunctive management rules. The domestic or potable water portion of the water right will be immune to water curtailment. Water right transfers will be required to modify the place of use depending on the selected purveyor.
5. Water quality in the aquifer beneath the site is excellent, and is suitable for potable water usage.
6. Well location and production yield is dependent on the depth of the alluvial aquifer and location within the project area. Test wells are recommended to aid in selecting an adequate production well location.
7. Fire flow calculations for buildings are based on the construction type, density of structures and the summation of the areas of the three largest successive floors. An individual well will likely not provide the minimum fire flow required. Elevated storage for fire flows will likely be required; however, multiple wells may provide the required level of discharge. No recommendations on storage volume requirements or locations for alternative storage facilities are made in this report.

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Jacobs Engineering Support Services Summary January 2023

Attention: Pat McMahon, General Manager
Company: Sun Valley Water and Sewer District
Prepared by: Alyce Tolman, P.E.
Copies to: Marybeth Collins, Office Manager
Date: February 6, 2023

Jacobs Engineering Group, Inc
999 W. Main St
Suite 1200
Boise, ID 83702
United States
T +1.208.383.6208

The purpose of this memorandum is to provide the District with a summary of engineering activities for the period noted above.

Admin, General Consulting, and On-Call Engineering Services

Activities include:

- General project management and administration.
- General communication/coordination with staff and District staff.
- Continued progress on review of ITD SH 75 Utility Plans and continued coordination with Parametrix on intersection design.
- Met with Cody Stanger to review engineering information required for the rate impact analysis.

Altitude Valve Replacement – Phase 2 Services

- No work progressed the period.

White Clouds Waterline Intertie Services

- Working to coordinate with the water modeling in order to progress preliminary design.
- Initial development of construction drawings began.



February 1, 2023

9:00 – 9:30 am

**Monthly Wastewater Treatment Upgrades Progress Meetings
City of Ketchum and Sun Valley Water & Sewer District**

Agenda:

1. Blower Procurement and MLE Conversion Tech Memos (TM) – Brad/Kody
 - a. Working on Blower TM
 - i. Process modeling has shown reduced air demand with a higher recycle rate.
 - ii. Only need 3 blowers instead of 4 blowers for the planning period.
 - iii. Building modifications for new electrical room on west side of blower building. Possibly add openings in east wall of building for blower installation/removal instead of building addition on the east side (as shown in FPS).
 - iv. Reviewing concept of using basins 1 and 2 for EQ to balance out air demand, i.e. increase load at night to avoid minimum air flows.
 - b. Working on MLE TM
 - i. Fruitland visit was beneficial for mixer understanding. Moving forward with floating mixer.
 - ii. Mick and Jeff interested in potential redundant mixing for each train.
 1. Two 7.5 HP units in each train. Two normally operating at reduced speed. One unit at full speed provides close to 100% mixing (except corners).
 2. Discussion on adding actuator on anoxic cell air valve to clean diffusers.

Considering replacing first cell diffusers with membrane-type to reduce plugging risks. Can add discussion on this to TM.

- iii. Review redline drawings from Kody on blower room and recycle pumps.
 2. Compost Pilot Study Report Update – Brad/Kody
 - a. Collected final comments from City of Hailey (have incorporated Vert’s comments). Final version for DEQ and Blaine County by Feb. 3.

Jade suggests a community focus group to identify any potential concerns/risks with marketability and customer acceptance of composted biosolids. Group meeting with County to develop plan for community outreach in support of composting, begin this process in February to help Winn with his existing finished product.

3. HDR Scope of Work for Solids Handling Preliminary Engineering Report (PER) to City and District for approval in February.
 - a. PER will provide additional definition. Improved layout, refined construction cost estimate, and updated implementation schedule.
4. Ketchum/SVWSD updates
 - a. Plant Operations – Mick & Jeff
 - b. City of Ketchum – Jade
 - i. CIP Funding Progress & Review – November meeting recommended review/adjustment of CIP by February meeting. Do we still want to update, or maintain?

Ketchum good with existing CIP. Looking at \$6-7 million initially for bond sales. Should have cash in hand by April, need to spend 85% within 3 years.

- c. District - Pat

Additional Notes:























GC Systems Cla-Val Service										
Location	QTY	Size (in.)	ID	ID 2	ID 3	Likely 2023	2022	2021	2020	2019
Dollar Reservoir	1	10	210G-16AB	CDS-4		Annual	Annual	Rebuild	Annual	Annual
Sage Creek Reservoir	1	10	210G-16AB	CDS-4		Annual	Annual	Rebuild	Annual	Annual
Sage Booster	1	6	60G-11AB	CSM11	Pump 1	Annual	Annual	Rebuild	Annual	Annual
Sage Booster	1	6	60G-11AB	CSM11	Pump 2	Annual	Annual	Rebuild	Annual	Annual
Sage Booster	1	4	50G-01B	20-200		Annual	Annual	Rebuild	Annual	Annual
Dollar Booster	1	8	60G-11AB	CSM11	Pump 1	Annual	Annual	Rebuild	Annual	Annual
Dollar Booster	1	8	60G-11AB	CSM11	Pump 2	Annual	Annual	Rebuild	Annual	Annual
Dollar Booster	1	6	50G-01B	20-200		Annual	Annual	Rebuild	Annual	Annual
Skyline Booster	1	4	60G-11AB	CSM11	Pump 1	Annual	Annual	Rebuild	Annual	Annual
Skyline Booster	1	4	60G-11AB	CSM11	Pump 2	Annual	Annual	Rebuild	Annual	Annual
Skyline Booster	1	4	50G-01B	20-200		Annual	Annual	Rebuild	Annual	Annual
SageWillow Booster	1	4	60G-11AB	CSM11		Annual	Rebuild	Annual	Annual	Annual
SageWillow Booster	1	4	60G-11AB	CSM11		Annual	Rebuild	Annual	Annual	Annual
SageWillow Booster	1	4	50G-01B			Annual	Rebuild	Annual	Annual	Annual
Well 3	1	6	81G-02			Annual	Annual	Annual	Annual	Annual
Well 4A	1	4	50A-01B	20-200		Annual	Annual	Rebuild	Annual	Annual
Well 5	1	8	60G-11AB	CSM11		Annual	Annual	Annual	Rebuild	Annual
Well 5	1	4	50G-01B	20-200		Annual	Annual	Annual	Rebuild	Annual
Well 7	1	8	81G-02			Annual	Annual	Annual	Rebuild	Annual
Well 7	1	4	61G-02	CSM11		Annual	Annual	Annual	Rebuild	Annual
Well 7	1	4	50G-01B	20-200		Annual	Annual	Annual	Rebuild	Annual
Well 8	1	10	81G-02			Annual	Annual	Annual	Rebuild	Annual
Well 8	1	4	61G-02	CSM11		Annual	Annual	Annual	Rebuild	Annual
Well 8	1	4	50G-01B	20-200		Annual	Annual	Annual	Rebuild	Annual
Well 10	1	10	81G-02			Annual	Annual	Annual	Rebuild	Annual
Well 10	1	4	61G-02	CSM11 24V DC		Annual	Annual	Annual	Rebuild	Annual
Well 10	1	4	52A-03B	CRA 30-300 CRL 100-300		Annual	Annual	Annual	Rebuild	Annual
Well 11	1	12	81G-02			Annual	Annual	Annual	Rebuild	Annual
Well 11	1	6	61G-02	CSM11		Annual	Annual	Annual	Rebuild	Annual
Well 11	1	6	50G-01B	20-200		Annual	Annual	Annual	Rebuild	Annual
Well 12	1	8	81G-02KC			Annual	Annual	Annual	Rebuild	Annual
Well 12	1	4	661G-02KC	CSM11 120/60		Annual	Annual	Annual	Rebuild	Annual
Well 12	1	4	650G-01BKC W/X101	20-200		Annual	Annual	Annual	Rebuild	Annual
Well 13	1	8	81G-02KCV			Annual	Annual	Rebuild	Annual	Annual
Well 13	1	4	61G-02KC	CSM11 120/60		Annual	Annual	Rebuild	Annual	Annual
Well 13	1	4	652G-03BKC			Annual	Annual	Rebuild	Annual	Annual
Lane Ranch PRV	1	2	90G-01AS	30-300		Annual	Annual	Annual	Rebuild	Annual
Lane Ranch PRV	1	8	90G-01AB	30-300		Annual	Annual	Annual	Rebuild	Annual
River Ranch PRV	1	1.5	90G-01BCSIYK			Annual	Annual	Annual	Annual	Annual
River Ranch PRV	1	4	90G-01BCSIYK			Annual	Annual	Annual	Annual	Annual
River Ranch PRV	1	2	50G-01BKC			Annual	Annual	Annual	Annual	Annual
Bitterroot Intertie	1	8	92G-29AB			Annual	Annual	Rebuild	Annual	Annual
Booster 4A	1	4	81G-02			Annual	Rebuild	Annual	Annual	Annual
St Lukes PRV PRV Station	1	3	93EG-01ABCSCK			Annual	Annual	Rebuild	Annual	Annual
St Lukes PRV PRV Station	1	8	93EG-01ABCSCK			Annual	Annual	Rebuild	Annual	Annual
Hospital PRV	1	3	90G-01AS W/X101	30-300		Annual	Annual	Annual	Rebuild	Annual
White Clouds Booster	1	6	660G-118Y			Annual	Rebuild	Annual	Annual	Annual
White Clouds Booster	1	6	660G-118Y			Annual	Rebuild	Annual	Annual	Annual
White Clouds Booster	1	6	660G-118Y			Annual	Rebuild	Annual	Annual	Annual
White Clouds Booster	1	3	52G-03			Annual	Rebuild	Annual	Annual	Annual
White Clouds Booster	1	6	92G-07BCSY			Annual	Rebuild	Annual	Annual	Annual
White Clouds PRV	1	6	92G-01BCSIYK			Annual	Rebuild	Annual	Annual	Annual
White Clouds PRV	1	2	92G-01BCSIYK			Annual	Rebuild	Annual	Annual	Annual
White Clouds PRV	1	3	50G-01BKC			Annual	Rebuild	Annual	Annual	Annual
White Clouds Flush Valve	1	1	139G-10			Annual	Annual	Annual	Rebuild	Annual
Lane Ranch North Domestic Booster	1	2	50G-01			Annual	Annual	Annual	Rebuild	Annual
ReUse Booster Station	1	8	81G-02			Rebuild	Annual	Annual	Annual	Rebuild
ReUse Booster Station	1	8	81G-02			Rebuild	Annual	Annual	Annual	Rebuild
ReUse Booster Station	1	4	50A-01B			Rebuild	Annual	Annual	Annual	Rebuild
ReUse Booster Station	1	4	92G-01B			Rebuild	Annual	Annual	Annual	Rebuild
Lane Ranch NE PRV Lot 4	1	4	94G-01BCSIYV			Rebuild	Annual	Annual	Annual	Rebuild
Lane Ranch NE PRV Lot 4	1	0.75	55F			Rebuild	Annual	Annual	Annual	Rebuild
Lane Ranch SE PRV Lot 4	1	4	94G-01BCSIYV			Rebuild	Annual	Annual	Annual	Rebuild
Lane Ranch SE PRV Lot 4	1	0.75	55F			Rebuild	Annual	Annual	Annual	Rebuild
Trail Creek Clubhouse	1	8	50G-01BKC			Annual	Rebuild	Annual	Annual	Annual
Booster 4A Interie	1	8	136EG-03BCSIYK			Rebuild	Annual	Annual	Annual	Rebuild

Rebuild Count	9	13	22	22	9
Proposal	23,149	28,881	41,135	34,056	17,807

* omt reflects 30% increase of 2019

Banyan Technology Inc.

Comprehensive Service Agreement

THIS AGREEMENT entered into this 1st day of April, 2023 between Sun Valley Water and Sewer District hereinafter referred to as the “CLIENT” and Banyan Technology Inc., hereinafter referred to as “Banyan”.

WITNESSETH:

WHEREAS, BANYAN intends to offer CLIENT comprehensive support for their existing Supervisory Control and Data Acquisition System (SCADA System.) The SCADA system consists of Programmable Controllers, Radios, and Graphical Interface Terminals all used to automatically control the water system, log critical data, and report abnormal or emergency conditions to the system operator.

NOW, THEREFORE, the CLIENT and BANYAN in consideration of their mutual covenants herein agree in respect as set forth below.

CLIENT INFORMATION AND RESPONSIBILITIES

The CLIENT will furnish to BANYAN, as required for performance of BANYAN’s services, data prepared by or services of others without limitation, all of which BANYAN may use and rely upon in performing services under this Agreement.

The CLIENT will arrange for access to and make provisions for BANYAN to enter upon public and private property as required for BANYAN to perform services under this Agreement.

The CLIENT will provide Internet connectivity which will enable BANYAN the ability to access the SCADA system from anywhere within the 48 contiguous states.

The CLIENT shall maintain the necessary spare parts needed to repair the system in the event of a failure.

SERVICES TO BE PERFORMED BY BANYAN AND BILLING RATES TO BE PAID BY CLIENT

1. BANYAN will maintain the SVWSD.com website during the term of this contract. The first 10 hours of service each month on SVWSD.com website will be billed at no charge.
2. BANYAN will provide 24/7 telephone support to CLIENT to assist in resolving system problems.
3. BANYAN will maintain backup media of all programs necessary to restore any part of the system in the event of a failure.
4. BANYAN will provide priority onsite response to trouble-shoot and repair failures within the SCADA system.

The lump sum cost of the above outlined services from 4/1/2023 to 4/1/2024 shall be \$ 7,875.

The Notice to Proceed, by the Client, verbal or written, constitutes acceptance of this Agreement. THE ATTACHED “TERMS AND CONDITIONS” ARE PART OF THIS AGREEMENT. THE CLIENT AGREES TO SAID TERMS AND CONDITIONS.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

CLIENT:

BANYAN:

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By (signature)

SVWSD Irrigation Water Use Policies predicated on the Diminishing Availability of Water

The Annual Refresh! Irrigation Watering Days and Watering Rules

Through the last 16 years, the average annual amount of water pumped from the groundwater aquifer by SVWSD in support of the local residential demand is almost 1.2 billion gallons each year. And, more than 50% of this annual consumption is used by individual homeowners for aesthetic purposes, substantially residential landscaping. Interestingly, none of the three (3) golf courses in the City limits, utilize domestic groundwater as their dedicated water source.

SVWSD provides water for both domestic use as well as irrigation use. But! The irrigation component, of what is available for each Homeowner, does have some limits...

Vacant Lot: Irrigation of a vacant lot is **not** allowed.

Landscaping: Irrigation for **up to half an acre** of landscaping, per property, is legal within Sun Valley.



If your street address ends in an **EVEN** Number: **Water on Monday, Wednesday and Friday**

If Your Street Address ends in an **ODD** Number: **Water on Tuesday, Thursday and Saturday**

In Each and Every Case:

- Multi-family projects are assigned even / odd designation to spread demand
- Maximum of 30 minutes per irrigation station – **15 minutes or less is preferred**
- **No unattended** hose usage. If you are using a hose, it must be in your hand.
- **No DAYTIME watering between the hours of 10:00am and 6:00pm** during the months of July and August – e.g. odd numbered addresses may water on Tuesday, Thursday and Saturday from 6:00pm until 10:00am the following day.

Reminder: The District works in support of the full community of Sun Valley, and misuse of water and District water rights may result in the following

First Violation:	Written notice sent to the Property Owner by registered mail.
Second Violation:	Penalty fee of \$100.00
Third Violation:	Water service for irrigation of the property may be terminated by the District upon seven (7) days prior written notice via registered mail to the Property Owner, a fine of \$500.00 and application for re-instatement from the Board of Directors.

What Actions Can You Accomplish in 2023?

- ...Commit to community participation in water conservation directions, and personal effort & actions
- ...Speak with your designated landscaper, directing them to use less water.
- ...Install a rain-sensor shut off for your irrigation system during rain events.

Have a question...?:

Curiosity: Should you have any questions or comments, please contact Marybeth Collins at (208) 622-7610 or marybeth@svwsd.com

Join In: You are welcome to attend the monthly SVWSD Board meeting, held at the City of Sun Valley Offices on the Third Monday of each month at 8:30am

Review: The formal regulation, governing water usage, can be found on the Districts website: www.svwsd.com



Crawl Space Pumping

In spring, when snowmelt commences in earnest, the water table rises to a level where water may be visible in many residential crawlspaces.

While mechanical equipment should remain dry, and pumps have been installed to ensure this mechanical equipment remains above water – often this natural groundwater is incorrectly plumbed to the local sewer system.

Importantly: discharging groundwater into the sewer system is **illegal** and overloads the wastewater treatment plant with water that does not need treating.

This water should be directed to the exterior of the home. Please contact SVWSD with questions.



ANNUAL BACKFLOW DEVICE INSPECTION

All irrigation meters have a backflow device, which is inspected annually. The primary benefit of backflow prevention testing is keeping potable water systems CLEAN.

Backflow prevention mechanisms focus on limiting changes in the direction-of-flow due to pressure difference, and pressure relief should those differences exceed safe limits.

What happens during a backflow device inspection? When a Backflow Prevention specialist visits your property, they will check the condition of each part of the device, such as the rubber seals for example. It may be the case that one or more of these valve parts need repairing or replacing to ensure the backflow prevention device is still effective. If any repairs or replacement parts are needed, the contractor doing the inspection will address this repair.

Many backflow prevention devices are located at the property edge, near the irrigation meter itself, and the testing takes about 15 minutes.