

**SUN VALLEY WATER & SEWER DISTRICT  
REGULAR MEETING  
AGENDA IN THE COUNCIL CHAMBER OF THE SUN VALLEY CITY HALL  
8:30 A.M., Tuesday, June 20, 2023**

access also via zoom: [Join Mtg # 226 868 0475](#) passcode 202005

**\*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 May 15, 2023
- **EIDE BAILLEY AUDITED FINANCIAL STATEMENT FYE 11.30.22 (via zoom)- Discussion**
- **FINANCIAL REPORT**
- **APPROVAL CHECK VOUCHERS AND PAYROLL**
  1. Payment Approval Report Unpaid over \$5,000 excluding recurring  
05/15/23 - 06/19/23: \$ 151,755.45
  2. Paid Invoice Report 05/15/23 - 06/19/23: \$ 107,852.23
  3. Payroll 04/24/23-05/07/23: \$ 15,656.34
  4. Payroll 05/08/23-05/21/23: \$ 15,261.93
  5. Well Fargo Credit Card Statement: \$ 2,444.89
  6. BS&A Followup Proposal
  7. New Vendor: none
- **WATER PUMPED (May 2023):**      72,823,300    [ReUse = 1,732,000]
- **SEWER FLOWS (May 2023)**

<i>ELKHORN</i>	<i>11,995,000</i>	<i>note: meter failed</i>	
<i>SUN VALLEY</i>	<u><i>16,544,000</i></u>		
TOTAL ( SV )	28,539,000	(28.89%)	51.97% = Adjusted to May 2022 actual
KETCHUM	70,234,000	(71.11%)	48.03% = Adjusted to May 2022 actual
- **KSTP REPORT**
- **HDR - BLOWER BID - Discussion, Approval**
- **ENGINEERING - General Updates from Jacobs, HDR**
- **RATE STUDY PRESENTATION (via zoom) - Discussion**
- **2" WATERLINE (F/LS) APPROVAL - 98 Elkhorn**
- **OPERATIONS UPDATES - Back Pay Reservoir, Altitude Valves, Scada safety/fiber, etc.**
- **PUBLIC COMMENT**
- **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  
Monday, May 17, 2023 - 8:30 a.m.**

**PRESENT**

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

**ALSO PRESENT**

Patrick McMahon, General Manager  
Jeanene Parker, Treasurer  
Evan Robertson, Counsel  
Mick Mummert, KSTP  
Marybeth Collins, Office Manager  
Cody Stanger, GRG Consulting *(via zoom)*

**CALL TO ORDER**

Chairman Loyd called the Regular Meeting to order at 8:41 a.m., with quorum being established.

**APPROVAL OF MINUTES**

Director Brown motioned to approve the minutes as presented. Director Lake provided that there was one correction, on page two he is noted inaccurately as 'chairman' and this should be updated to 'director'. Director Lake also seconded, and the motion carried unanimously.

**ELECTION**

Director Hendricks was the sole declared applicant for the board seat in the 2023 election year. Accordingly, Director Peter Hendricks has been confirmed as a board member and will serve the 6-year term.

**EIDE BAILLEY**

Eide Bailley completed the fiscal year end audit for year ending November 20, 2022 and has submitted a financial statement. Director Webking noted that some of the experiences in communication with the auditor for this current audit process have been disappointing, including a final management assessment which remains in discussion as of the time of this meeting. Eide Bailley has neglected to provide support for several of its alleged 'standard' statements and until these are discussed, the Board will not approve final sign off of this audit process. However, the financial statement itself is acceptable.

Director Webking motioned to accept the audited financial statement report itself for fiscal year ending November 30, 2022, with Director Hendricks seconding the motion. The motion passed unanimously.

## **FINANCIAL REPORT AND APPROVAL**

Treasurer Parker provided update on the BS&A software transition set for the first week in June and some of the mechanics for the transfer of information from the current software to the new software. Online bill pay, as a convenience, will be discussed.

Director Webking motioned to approve the items one (1) through six (6), as reflected on the agenda:

- (1) Approval Report Unpaid over \$5,000 excluding recurring for the period 04/17/23 – 05/14/23 for \$71,544.39;
- (2) the Paid Invoice Report for the period 04/17/23 – 05/14/23 for \$285,476.00;
- (3) the Payroll Report for the period 03/27/23 – 04/09/23 for \$15,808.46;
- (4) the Payroll Report for the period 04/10/23 – 04/23/23 for \$15,102.02;
- (5) the Wells Fargo Credit Card Statement in the amount of \$718.45;
- (6) no new vendors

Director Brown seconded the motion. The motion passed unanimously.

## **HEALTH INSURANCE - Renewal**

Treasurer Jeanene noted that the annual associate health insurance coverage was coming up for renewal in June. There were no changes in the coverage levels, however the premium will increase approximately 10%. The Board inquired as the staffs' confidence with the current health insurance policy. Director Webking motioned to approve the insurance coverage renewal. Director Hendricks seconded, and the motion carried unanimously.

## **WELLS FARGO - Services**

Wells Fargo, the primary banking entity for the District, has revisited a recommendation to incorporate additional oversight measures stated to provide enhanced fraud protections for the District funds. These fraud services, of their nature, involve additional efforts by staff, offset the banks responsibilities and increase monthly banking fees passed through to the District. The policy for wiring funds by District staff was confirmed. Some revisited discussion occurred related to the confidence of this banking partnership as well as the timing of several changes in the near term. Director Hendricks motioned to accept the updated banking services proposal. Director Hendricks seconded, and the motion carried unanimously.

## **ONLINE BILL PAY**

With the upcoming change in financial software, the opportunity to incorporate a third-party bill pay option is now possible. Treasurer Jeanene provided detailed proposal information from a few entities who work with BS&A for other entities, as well as some other providers. The Board asked for staff's recommendation. Discussion occurred. Director Webking motioned to execute the Gov.Pay proposal and Director Brown seconded the motion. The motion carried, unanimously.

## **KSTP**

Mick reported that the plant has experienced some high flow days, with May 1 reflecting 3.955 million gallons. In comparison, May 14<sup>th</sup> was 2.336 million gallons. Specific update related to water being pumped from crawl spaces into the sewer collection lines, as affirmed in a recent local electricity outage. KSTP was recording 4.2 million gallons at 11pm, 2.6 million gallons at midnight during power outage and back up to 4.2 million gallons being received at 1am, when the power was back up. The April water treatment numbers, 47M are still well below the high of 85M gallons in 2017.

Mick spoke to the ongoing CIP process, which moves along full speed ahead. Current invitation to bid, for blowers, is open and has been extended a week to ensure several entities can submit proposal. Lead time on blowers is 4-5 months, which is plenty of time related to the start-up of the new building construction set for spring 2024, where the blowers will be installed. Some conversation is in process between engineering and staff about screw press infrastructure, and strategy specific to two smaller presses versus one large press. The composting project study is ready for distribution and the value of public awareness is part of the next step in this plan.

## **ENGINEERING**

Both HDR, for KSTP and Jacobs, for all District related engineering projects, are hard at work. HDR meets at least monthly with KSTP & District to continue to work through the CIP project schedule. Jacobs and Pat speak regularly on District-specific items.

## **RATE STUDY**

Director Webking spoke to his review of the two main spreadsheet tools provided by GRG, Ltd. In light of other information he has developed. There will be follow up with Mr. Stanger, of GRG, to continue this rate review effort.

## **UPDATES**

General Manager Pat referenced several items he is working on, with the ops staff, engineering team and several vendors. These include the interior paint for BackPay Reservoir, coupled with several steps to getting electricity to this reservoir for the twofold purpose of installing a mixing valve (to prevent ice) and cameras (to address DEQ concerns). The White Clouds intertie project is near to the bidding stage, with Jacobs continuing to work on this project. SVCo has requested that the actual construction itself take place later in July, on the heels of some summer events. The Highway 75 construction process also continues, where all utilities will be impacted by a reworking of the highway from the St Luke's bridge north to the entry into Ketchum bridge. Altitude Valve replacement remains pending, with the main equipment received but the opportunities in firm ground conditions, vendor availability and high season use all playing a part in defining the best time to accomplish this repair. The Elkhorn Sewer meter in the main collection line has been reporting inconsistently and this equipment needs to be replaced, and pragmatically relocated slightly in order to better maintain its efficiency. An updated possible site for Well 14 has been explored and discussed briefly. Some general review from a topo and geologic viewpoint are underway, with some hope to get an exploratory drill effort set up this year. Specific DEQ issues on well casing depth versus historical water level may have impact on the site as genuinely useful, as well.

**LEMHI ARTICLE**

The article included reflects some significant water negotiations and positive partnership efforts.

**ADJOURNMENT**

Having no further business to conduct, Chairman Loyd declared the meeting adjourned at 9:34 a.m.

\_\_\_\_\_  
Chairman, James Loyd

ATTEST:

\_\_\_\_\_  
Secretary, Douglas Brown

DRAFT





May 15, 2023

To the Board of Directors  
Sun Valley Water & Sewer District  
Sun Valley, Idaho

We have audited the financial statements of Sun Valley Water & Sewer District (the District) as of and for the year ended November 30, 2022, and have issued our report thereon dated May 15, 2023. Professional standards require that we advise you of the following matters relating to our audit.

**Our Responsibility in Relation to the Financial Statement Audit under Generally Accepted Auditing Standards and Government Auditing Standards**

As communicated in our letter dated February 2, 2023, our responsibility, as described by professional standards, is to form and express an opinion about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America. Our audit of the financial statements does not relieve you or management of your respective responsibilities.

Our responsibility, as prescribed by professional standards, is to plan and perform our audit to obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement. An audit of financial statements includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control over financial reporting. Accordingly, as part of our audit, we considered the internal control of the District solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are also responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures for the purpose of identifying other matters to communicate to you.

We have provided our comments regarding a significant control deficiency during our audit in our Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards* dated May 15, 2023.

**Planned Scope and Timing of the Audit**

We conducted our audit consistent with the planned scope and timing we previously communicated to you.

## **Compliance with All Ethics Requirements Regarding Independence**

The engagement team, others in our firm, as appropriate, our firm, and other firms utilized in the engagement, if applicable, have complied with all relevant ethical requirements regarding independence.

## **Significant Risks Identified**

As stated in our auditor's report, professional standards require us to design our audit to provide reasonable assurance that the financial statements are free of material misstatement whether caused by fraud or error. In designing our audit procedures, professional standards require us to evaluate the financial statements and assess the risk that a material misstatement could occur. Areas that are potentially more susceptible to misstatements, and thereby require special audit considerations, are designated as "significant risks." We have identified the following as significant risks:

- **Management Override of Controls** – Professional standards require auditors to address the possibility of management overriding controls. Accordingly, we identified as a significant risk that management of the District may have the ability to override controls that the District has implemented.
- **Revenue Recognition** – We identified revenue recognition as a significant risk. As revenue is what drives the operations of the District, there is risk that the revenue may be recorded at the incorrect amount or in the incorrect period.
- **Reconciliation and reporting of capital asset balances** – Due to the adjustments found as a result of auditing procedures in prior years and the ongoing construction at the District, there is a risk that the capital assets may be improperly stated.

## **Qualitative Aspects of the Entity's Significant Accounting Practices**

### *Significant Accounting Policies*

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by the District is included in Note 1 to the financial statements. There have been no initial selection of accounting policies and no changes in significant accounting policies or their application during 2022. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

### *Significant Accounting Estimates*

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

The most sensitive accounting estimates affecting the financial statements are:

Management's estimate of the net pension liability (asset) and deferred inflows/outflows of resources related to the net pension liability (asset) is based on actuarial estimates provided by the actuary to PERSI (Public Retirement System of Idaho) and the Schedule of Employer Allocations and Collective



Pension Amounts provided by PERSI. This schedule was audited by independent auditors. We evaluated the key factors and assumptions used to develop the net pension liability (asset) and deferred inflows/outflows and determined that it is reasonable in relation to the basic financial statements taken as a whole.

### *Financial Statement Disclosures*

Certain financial statement disclosures involve significant judgment and are particularly sensitive because of their significance to financial statement users. The most sensitive disclosures affecting the District's financial statements relate to:

- Note 4 to the financial statements, the disclosure of the District's net pension liability (asset) and associated deferred inflows of resources and deferred outflows of resources, as well as the actuarial methods used to determine the liability (asset) amount.

### **Significant Difficulties Encountered during the Audit**

We encountered no significant difficulties in dealing with management relating to the performance of the audit.

### **Uncorrected and Corrected Misstatements**

For purposes of this communication, professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that we believe are trivial, and communicate them to the appropriate level of management. Further, professional standards require us to also communicate the effect of uncorrected misstatements related to prior periods on the relevant classes of transactions, account balances or disclosures, and the financial statements as a whole. Uncorrected misstatements or matters underlying those uncorrected misstatements could potentially cause future-period financial statements to be materially misstated, even though the uncorrected misstatements are immaterial to the financial statements currently under audit. There were no uncorrected or corrected misstatements identified as a result of our audit procedures.

### **Disagreements with Management**

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter, which could be significant to the District's financial statements or the auditor's report. No such disagreements arose during the course of the audit.

### **Circumstances that Affect the Form and Content of the Auditor's Report**

For purposes of this letter, professional standards require that we communicate any circumstances that affect the form and content of our auditor's report. We did not identify any circumstances that affect the form and content of the auditor's report.

### **Representations Requested from Management**

We have requested certain written representations from management which are included in the management representation letter dated May 15, 2023.

### **Management's Consultations with Other Accountants**

In some cases, management may decide to consult with other accountants about auditing and accounting matters. Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and accounting matters.

### **Other Significant Matters, Findings, or Issues**

In the normal course of our professional association with the District, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, significant events or transactions that occurred during the year, operating conditions affecting the entity, and operating plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as the District's auditors.

This report is intended solely for the information and use of the Board of Directors, and management of the District and is not intended to be, and should not be, used by anyone other than these specified parties.

*Eide Bailly LLP*

Boise, Idaho



Financial Statements  
November 30, 2022 and 2021

## Sun Valley Water & Sewer District

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## Independent Auditor's Report

To the Board of Directors  
Sun Valley Water & Sewer District  
Sun Valley, Idaho

### Report on the Audit of the Financial Statements

#### *Opinion*

We have audited the financial statements of the Sun Valley Water & Sewer District (the District), as of and for the year ended November 30, 2022 and 2021, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the District, as of November 30, 2022 and 2021, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

#### *Basis for Opinion*

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the District and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### **Responsibilities of Management for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to

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continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

### ***Auditor's Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

### ***Required Supplementary Information***

Accounting principles generally accepted in the United States of America require that the schedule of District's proportionate share of net pension liability (asset) and schedule of employer contributions (required supplementary information) as listed in the table of contents be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with GAAS, which consisted of inquiries of management about the methods of preparing the information and comparing the information for

consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Management has omitted the management's discussion and analysis that accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinion on the basic financial statements is not affected by the missing information.

### ***Supplementary Information***

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the District's basic financial statements. The Schedule of Revenues and Expenditures – Budget and Actual (Budgetary Basis), are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with GAAS. In our opinion, the Schedule of Revenues and Expenditures – Budget and Actual (Budgetary Basis) are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

### ***Other Reporting Required by Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated May 15, 2023 on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.



Boise, Idaho  
May 15, 2023

Sun Valley Water & Sewer District

Statements of Net Position  
November 30, 2022 and 2021

	2022	2021
<b>Assets</b>		
Cash and cash equivalents	\$ 8,115,888	\$ 7,851,174
Accounts receivable	162,928	189,698
Taxes receivable	1,439,346	1,397,506
Prepaid expenses	16,116	14,014
Inventory	41,371	41,732
Capital assets (not subject to depreciation)	885,373	1,033,793
Capital assets (net of depreciation)	18,860,540	19,319,797
Net pension asset	-	11,285
<b>Total assets</b>	<b>29,521,562</b>	<b>29,858,999</b>
<b>Deferred Outflows of Resources</b>		
Net pension liability	296,437	184,202
<b>Total deferred outflows of resources</b>	<b>296,437</b>	<b>184,202</b>
<b>Liabilities</b>		
Accounts payable	170,935	163,552
Accrued liabilities	99,350	95,937
Long-term debt	606,015	911,161
Net pension liability	528,927	-
<b>Total liabilities</b>	<b>1,405,227</b>	<b>1,170,650</b>
<b>Deferred Inflows of Resources</b>		
Net pension liability	2,361	361,020
Property tax	1,437,426	1,399,891
<b>Total deferred inflows of resources</b>	<b>1,439,787</b>	<b>1,760,911</b>
<b>Net Position</b>		
Investment in capital assets	19,745,913	20,353,590
Unrestricted	7,227,072	6,758,050
<b>Total net position</b>	<b>\$ 26,972,985</b>	<b>\$ 27,111,640</b>

See Notes to Financial Statements



**Sun Valley Water & Sewer District**  
**Statements of Revenues, Expenses and Changes in Net Position**  
**Years Ended November 30, 2022 and 2021**

	2022	2021
<b>Operating Revenues</b>		
Water sales	\$ 753,953	\$ 733,870
Sewer sales	784,985	782,966
Irrigation and snowmaking	799,369	926,214
Fees	4,500	4,613
Total operating revenues	2,342,807	2,447,663
<b>Operating Expenses</b>		
Sewage treatment plant operation	660,079	536,097
Labor- Operations and maintenance	265,364	285,137
Labor- Administration and board	262,434	242,011
Benefits	217,728	131,611
Materials and supplies	38,832	29,129
Repairs and maintenance	869,921	471,698
Payroll taxes	49,173	52,866
Insurance	43,093	40,841
Utilities	259,676	230,156
Professional fees	88,980	100,645
Outside consultants	104,539	71,528
Miscellaneous	135,040	66,480
Depreciation	957,610	969,323
Total operating expenses	3,952,469	3,227,522
<b>Operating Loss</b>	<b>(1,609,662)</b>	<b>(779,859)</b>
<b>Nonoperating Revenue (Expense)</b>		
Interest income	75,232	16,370
Property taxes	1,407,201	1,373,047
Capital improvement fees	146,000	124,850
State sales tax	78,581	71,516
Reimbursed project costs	9,856	9,856
Miscellaneous	15,276	4,808
Loss on disposal of capital assets	(229,780)	-
Interest expense	(31,359)	(40,998)
Total nonoperating revenue (expense)	1,471,007	1,559,449
<b>Change in Net Position</b>	<b>(138,655)</b>	<b>779,590</b>
<b>Net Position, Beginning of Year</b>	<b>27,111,640</b>	<b>26,332,050</b>
<b>Net Position, End of Year</b>	<b>\$ 26,972,985</b>	<b>\$ 27,111,640</b>

See Notes to Financial Statements

Sun Valley Water & Sewer District  
 Statements of Cash Flows  
 Years Ended November 30, 2022 and 2021

	2022	2021
Cash Flows from (used for) Operating Activities		
Cash received from customers	\$ 2,369,577	\$ 2,493,539
Cash paid to suppliers	(2,191,827)	(1,505,296)
Cash paid to employees	(724,659)	(670,315)
Net Cash from (used for) Operating Activities	(546,909)	317,928
Cash Flows from Non-Capital Financing Activities		
Cash received from property taxes	1,402,896	1,294,772
Cash received from other nonoperating revenue	93,857	76,324
Net Cash from Non-Capital Financing Activities	1,496,753	1,371,096
Capital and Related Financing Activities		
Payments for the purchase of capital assets	(579,713)	(247,777)
Project cost reimbursements	9,856	9,856
Cash received from capital improvement fees	146,000	124,850
Cash paid for interest on long-term debt	(31,359)	(40,998)
Principal payments on long-term financing	(305,146)	(295,615)
Net Cash used for Capital and Related Financing Activities	(760,362)	(449,684)
Investing Activities		
Interest received	75,232	16,370
Net Cash from Investing Activities	75,232	16,370
Net Change in Cash and Cash Equivalents	264,714	1,255,710
Cash and Cash Equivalents, Beginning of Year	7,851,174	6,595,464
Cash and Cash Equivalents, End of Year	\$ 8,115,888	\$ 7,851,174

See Notes to Financial Statements

Sun Valley Water & Sewer District  
 Statements of Cash Flows  
 Years Ended November 30, 2022 and 2021

	2022	2021
Reconciliation of Operating Loss to Net Cash Flows from (used for) Operating Activities		
Operating loss	\$ (1,609,662)	\$ (779,859)
Adjustments to reconcile operating loss to net cash from (used for) operating activities		
Depreciation	957,610	969,323
GASB 68 actuarial pension (expense offset) expense	69,318	37,314
Changes in assets and liabilities		
Accounts receivable	26,770	45,876
Prepaid expenses	(2,102)	(480)
Inventories	361	2,478
Accounts payable	7,383	43,314
Accrued liabilities	3,413	(38)
Net Cash from (used for) Operating Activities	\$ (546,909)	\$ 317,928

See Notes to Financial Statements

**Note 1 - Summary of Significant Accounting Policies**

The Sun Valley Water & Sewer District (the District) is responsible for providing and maintaining water and sewage treatment and disposal services to properties within its jurisdiction. Operations of the District are the responsibility of the general manager and an elected board of directors consisting of five members.

**Reporting Entity**

The District's financial statements include the accounts of all District operations. Financial accountability is overseen by the board of directors which is made up of five elected members. The significant accounting policies followed in the presentation of these financial statements are summarized below. These policies conform to United States of America generally accepted accounting principles (GAAP) for local government units as prescribed in the statements issued by the Governmental Accounting Standards Board (GASB) and other recognized authoritative sources.

For financial reporting purposes, management has considered all potential component units in defining the District. The District meets the criteria of an "other stand-alone government."

**Basic Financial Statements**

The District is a special-purpose government engaged only in business-type activities. As such, enterprise fund financial statements are presented.

**Basis of Accounting**

Proprietary funds, which include enterprise funds, are accounted for on a flow of economic resources measurement focus using the accrual basis of accounting. Therefore, all assets, deferred outflows, all liabilities and deferred inflows associated with the operation of this fund are included in the statement of net position. Revenue and expenses are recorded in the accounting period in which they are earned or incurred, and they become measurable. Total net position is segregated into amounts invested in capital assets and unrestricted. Proprietary fund-type operating statements present increases (e.g., revenues) and decreases (e.g., expenses) in net position. Proprietary funds are used to account for activities similar to those found in the private sector, where the determination of net income is necessary or useful to sound financial administration.

**Budgets and Budgetary Accounting**

An annual budget and appropriation resolution is adopted by the board of directors (the "Board") in accordance with state statutes. The budget is prepared on a basis consistent with GAAP except that capital revenues and capital expenditures are treated as operating items, principal retired is budgeted as non-operating expense, and depreciation and amortization are not budgeted.

- On or about August 1st, the District staff submits to the Board a proposed operating budget for the fiscal year commencing the following December 1. The operating budget includes proposed expenditures and the means of financing them.
- Public hearings are conducted at regular Board meetings to obtain taxpayer comments.

- During the regularly scheduled board meeting on the third Monday in August, the budget is legally adopted by the Board.
- Unused appropriations lapse at the end of each fiscal year.

### **Cash and Cash Equivalents**

Cash and cash equivalents consist of highly liquid investments with an original maturity of three months or less.

State statutes authorize the District to invest in obligations of the Treasury, commercial paper, corporate bonds and repurchase agreements, and the Idaho State Treasurer Local Government Investment Pool. All investments of the District are placed in the State Investment Pool and stated at fair value as provided by the Pool.

### **Receivables and Credit Policy**

Trade receivables due from customers are uncollateralized customer obligations due under normal trade terms requiring payment within 30 days from the invoice date. Trade receivables are stated at the amount billed to the customer for water, sewer, and irrigation/snowmaking usage. The District does not assess interest on overdue customer account balances. Payments of trade receivables are allocated to the specific invoices identified on the customer's remittance advice or, if unspecified, are applied to the earliest unpaid invoices. Annually, delinquent accounts are sent to the County to include in the customer's property tax bill. Liens for the past due balances are placed on the property if payment is not received.

The District estimates an allowance for doubtful accounts based upon an evaluation of the current status of receivables, historical experience, and other factors as necessary. It is reasonably possible that the District's estimate of the allowance for doubtful accounts will change. As of November 30, 2022 and 2021, no allowance was considered necessary.

### **Property Taxes**

Property taxes are levied in September of each year and become a lien on the property the following January 1<sup>st</sup>. The first one-half of real property taxes, personal property and mobile home taxes are due on December 20<sup>th</sup>. Taxes not paid on or before December 20<sup>th</sup> are considered to be delinquent. The second one half of the real property taxes are due on June 20<sup>th</sup> of the following year and are considered delinquent on June 21<sup>st</sup>. An initial late penalty of 2% of tax plus 1% per month interest is assessed on all delinquent accounts. A notice of tax deed is filed by the County when taxes have been delinquent for three years and if the lien is not satisfied, the property may be sold by the County. Taxes collected by the county are remitted to the District on a monthly basis. The succeeding year property tax receivable has been recorded at November 30, 2022 and the related revenue is considered a deferred inflow of resources which will be recognized in fiscal year 2023.

### **Inventories**

Inventories are stated at the lower of cost or market, determined on a first-in, first-out basis.

**Prepaid Expenses**

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items.

**Capital Assets**

Property and equipment acquisitions are capitalized and recorded at cost except for certain subdivision water lines which are contributed by developers, subdividers and customers. These contributed assets are recorded at the estimated acquisition value on the date of transfer. Expenditures for renewals and improvements that significantly add to the productive capacity or extend the useful life of an asset are capitalized. Expenditures for maintenance and repairs are charged to expense. When equipment is retired or sold, the cost and related accumulated depreciation are eliminated from the accounts and the resultant gain or loss is reflected in income.

Depreciation is provided using the straight-line method. The useful lives used for purposes of computing depreciation are:

	<u>Years</u>
Buildings	19-40
Improvements	7-75
Machinery and Equipment	3-25
Sewer Treatment Plant	5-50
Office Equipment	5-10

The District reviews the carrying value of property and equipment for impairment whenever events and circumstances indicate that the carrying value of an asset may not be recoverable from the estimated future cash flows expected to result from its use and eventual disposition. In cases where undiscounted expected future cash flows are less than the carrying value, an impairment loss is recognized equal to an amount by which the carrying value exceeds the fair value of assets. The factors considered by management in performing this assessment include current operating results, trends and prospects, the manner in which the property is used, and the effects of obsolescence, demand, competition, and other economic factors. Based on this assessment, there was no impairment for the years ended November 30, 2022 and 2021.

**Pensions**

For purposes of measuring the net pension liability (asset) and pension expense, information about the fiduciary net position of the Public Employee Retirement System of Idaho Base Plan (Base Plan) and additions to/deductions from Base Plan's fiduciary net position have been determined on the same basis as they are reported by the Base Plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

### Deferred Outflows/Inflows of Resources

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The District has one item that qualifies for reporting in this category relating to changes in net pension liability (asset) not included in pension expense (expense offset) reported in the statement of net position.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will *not* be recognized as an inflow of resources (revenue) until the time. The District has two items that qualify for reporting in this category which are the changes in net pension liability (asset) not included in pension expense (expense offset) reported in the statement of net position as well as unavailable property taxes. Property taxes will be recognized as revenue in the year for which the taxes are levied.

### Net Position

Net position is classified in the following categories:

**Investment in Capital Assets** – This category groups all capital assets into one component of net position. Accumulated depreciation of these assets and related debt balances reduce this category. The District has no related debt as of November 30, 2022 and 2021.

**Restricted Net Position** – This category presents external restrictions imposed by debt agreements grantors, contributors or laws or regulations of other governments and restriction imposed by law through constitutional provisions or enabling legislation. The District had no restricted net position as of November 30, 2022 and 2021.

**Unrestricted Net Position** – This category represents the net position of the District, which is not restricted for any project or other purpose.

When both restricted and unrestricted resources are available for use, it is the District's policy to use restricted resources first, then unrestricted resources as they are needed.

### Revenue Recognition

Revenues are recognized when earned. Base water and sewer are billed quarterly in advance. Metered irrigation and snowmaking accounts are read and billed monthly or quarterly.

### Operating and Nonoperating Revenues and Expenses

The District distinguishes between operating revenues and expenses and non-operating items in the Statement of Revenues, Expenses and Changes in Net Position. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the District's purpose of providing water, sewer, and irrigation/snowmaking services to its customers. Operating revenues consist of charges to customers for services provided. Operating expenses include the cost of service, administrative expenses, and depreciation of assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses or capital contributions.

### Estimates

The preparation of the financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements. Actual results could differ from those estimates.

### Compensated Absences

It is the District's policy to permit employees to accumulate earned but unused vacation pay. Vacation pay is accrued when earned and is included in the accrued liabilities in the statement of net position.

### Note 2 - Cash and Cash Equivalents

At November 30, 2022 and 2021, cash and cash equivalents were as follows:

	2022	2021
General Checking	\$ 255,489	\$ 191,760
KSTP Construction Fund	501	533
Other Cash Account	1,716	1,790
Investment in State Investment Pool	7,858,182	7,657,091
	<u>\$ 8,115,888</u>	<u>\$ 7,851,174</u>

### Custodial Credit Risk

Custodial credit risk is the risk that in the event of a bank failure, the District's deposits may not be returned to it. As of November 30, 2022 and 2021, the bank balances of the District were \$269,401 and \$251,451, respectively, and \$19,401 and \$1,451 was uninsured and uncollateralized, respectively. As of November 30, 2022 and 2021, the District also held \$7,858,182 and \$7,657,091, respectively, with the State of Idaho Local Group Investment Pool, which was not covered by FDIC insurance.



*Investments in State Investment Pools*

The District is a voluntary participant in the State of Idaho Local Government Investment Pool (LGIP). The LGIP is regulated by State of Idaho code under the oversight of the Treasurer of the State of Idaho. The LGIP is managed by the State of Idaho Treasurer's Office and is established as a cooperative endeavor to enable public entities of the State of Idaho to aggregate funds for investment. This pooling is intended to improve administrative efficiency and increase investment yield. The funds of the pool are invested in repurchase agreements, commercial paper, corporate debt investments, U.S. government agency obligations and U.S. treasury obligations. The U.S. government securities and the collateral for the repurchase agreements are held in trust by a safekeeping bank.

*Credit Risk*

The District has no investment policy that limits its investment choices further than those allowed by Idaho statute. The District primarily invests in the Idaho State Treasurer's Local Government Investment Pool (LGIP), which does not have a credit rating and is considered a cash equivalent.

*Interest Rate Risk*

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. The District does not have a formal policy limiting its investment maturities. The maturity term of the LGIP as of November 30, 2022 and 2021 was 109 days and 127 days, respectively.

*Concentration of Credit Risk*

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. No specific percentage identifies when concentration risk is present. The GASB has adopted a principle that governments should provide note disclosure when five percent of the entity's total investments are concentrated in any one issuer. Investments in obligations specifically guaranteed by the U.S. government, mutual funds, and other pooled investments are exempt from disclosure.

The District does not have a policy limiting concentration in a single issuer.

**Note 3 - Capital Assets**

The following are the changes in capital assets as of November 30, 2022 and 2021:

	Balance at November 30, 2021	Increases	Decreases	Transfers	Balance at November 30, 2022
Capital assets, not being depreciated:					
Land	\$ 668,770	\$ -	\$ -	\$ -	\$ 668,770
Construction in progress	365,023	577,234	(22,222)	(703,432)	216,603
<b>Total capital assets, not being depreciated</b>	<b>1,033,793</b>	<b>577,234</b>	<b>(22,222)</b>	<b>(703,432)</b>	<b>885,373</b>
Capital assets, being depreciated:					
Improvements- Water	17,240,499	-	(431,651)	344,795	17,153,643
Improvements- Sewer	4,062,172	-	-	25,859	4,088,031
Buildings	564,919	-	-	-	564,919
Machinery and equipment	752,636	1,221	(10,576)	260,211	1,003,492
Reuse	4,613,071	-	-	-	4,613,071
Sewer treatment plant	13,161,647	-	-	72,567	13,234,214
Office equipment	114,907	1,258	-	-	116,165
<b>Total capital assets, being depreciated</b>	<b>40,509,851</b>	<b>2,479</b>	<b>(442,227)</b>	<b>703,432</b>	<b>40,773,535</b>
Less accumulated depreciation:					
Buildings	499,119	2,380	-	-	501,499
Improvements	11,167,211	554,412	(231,225)	-	11,490,398
Machinery and equipment	788,622	27,011	(3,444)	-	812,189
Infrastructure	8,735,102	373,807	-	-	9,108,909
<b>Total accumulated depreciation</b>	<b>21,190,054</b>	<b>957,610</b>	<b>(234,669)</b>	<b>-</b>	<b>21,912,995</b>
<b>Total capital assets, being depreciated, net</b>	<b>19,319,797</b>	<b>(955,131)</b>	<b>(207,558)</b>	<b>703,432</b>	<b>18,860,540</b>
<b>Capital assets, net</b>	<b>\$ 20,353,590</b>	<b>\$ (377,897)</b>	<b>\$ (229,780)</b>	<b>\$ -</b>	<b>\$ 19,745,913</b>

Sun Valley Water & Sewer District  
Notes to Financial Statements  
November 30, 2022 and 2021

	Balance at November 30, 2020	Increases	Decreases	Transfers	Balance at November 30, 2021
Capital assets, not being depreciated:					
Land	\$ 668,770	\$ -	\$ -	\$ -	\$ 668,770
Construction in progress	137,246	227,777	-	-	365,023
<b>Total capital assets, not being depreciated</b>	<b>806,016</b>	<b>227,777</b>	<b>-</b>	<b>-</b>	<b>1,033,793</b>
Capital assets, being depreciated:					
Improvements- Water	17,240,499	-	-	-	17,240,499
Improvements- Sewer	4,062,172	-	-	-	4,062,172
Buildings	564,919	-	-	-	564,919
Machinery and equipment	732,636	20,000	-	-	752,636
Reuse	4,613,071	-	-	-	4,613,071
Sewer treatment plant	13,161,647	-	-	-	13,161,647
Office equipment	114,907	-	-	-	114,907
<b>Total capital assets, being depreciated</b>	<b>40,489,851</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>40,509,851</b>
Less accumulated depreciation:					
Buildings	496,953	2,166	-	-	499,119
Improvements	10,622,450	544,761	-	-	11,167,211
Machinery and equipment	770,534	18,088	-	-	788,622
Infrastructure	8,330,794	404,308	-	-	8,735,102
<b>Total accumulated depreciation</b>	<b>20,220,731</b>	<b>969,323</b>	<b>-</b>	<b>-</b>	<b>21,190,054</b>
<b>Total capital assets, being depreciated, net</b>	<b>20,269,120</b>	<b>(949,323)</b>	<b>-</b>	<b>-</b>	<b>19,319,797</b>
<b>Capital assets, net</b>	<b>\$ 21,075,136</b>	<b>\$ (721,546)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,353,590</b>

The District and the City of Ketchum, Idaho, (City) maintain an agreement whereby the District contributes one-half the cost of capital expenditures for equipment and improvements of the Ketchum Sewer Treatment Plant (KSTP), which are owned and operated by the City of Ketchum. Such agreement also calls for the sharing of expenses between the District and the City for the operation of KSTP on the basis of measured, relative sewer flows of the District and the City. The accompanying financial statements include the District's share of the capital costs for equipment and improvements made to the sewer treatment plant as of November 30, 2022 and 2021, and the District's share of operating expenses for the years then ended.

**Note 4 - Pension****Pension Plan**

The District contributes to the Base Plan which is a cost-sharing multiple-employer defined benefit pension plan administered by Public Employee Retirement System of Idaho (PERSI or System) that covers substantially all employees of the State of Idaho, its agencies and various participating political subdivisions. The cost to administer the plan is financed through the contributions and investment earnings of the plan. PERSI issues a publicly available financial report that includes financial statements and the required supplementary information for PERSI. That report may be obtained on the PERSI website at [www.persi.idaho.gov](http://www.persi.idaho.gov).

**Pension Benefits**

The Base Plan provides retirement, disability, death and survivor benefits to eligible members or beneficiaries. Benefits are based on members' years of service, age, and highest average salary. Members become fully vested in their retirement benefits with five years of credited service (5 months for elected or appointed officials). Members are eligible for retirement benefits upon attainment of the ages specified for their employment classification. The annual service retirement allowance for each month of credited service is 2.0% of the average monthly salary for the highest consecutive 42 months.

The benefit payments for the Base Plan are calculated using a benefit formula adopted by the Idaho Legislature. The Base Plan is required to provide a 1% minimum cost of living increase per year provided the Consumer Price Index increases 1% or more. The PERSI Board has the authority to provide higher cost of living increases to a maximum of the Consumer Price Index movement or 6%, whichever is less; however, any amount above the 1% minimum is subject to review by the Idaho Legislature.

**Member and Employer Contributions**

Member and employer contributions paid to the Base Plan are set by statute and are established as a percent of covered compensation. Contribution rates are determined by the PERSI Board within limitations, as defined by state law. The Board may make periodic changes to employer and employee contribution rates (expressed as percentages of annual covered payroll) that are adequate to accumulate sufficient assets to pay benefits when due.

The contribution rates for employees are set by statute at 60% of the employer rate for general employees. As of June 30, 2022, and 2021 the employee rate was 7.16%. The employer contribution rate as a percent of covered payroll is set by the Retirement Board and was 11.94% for general employees as June 30, 2022 and 2021. The District's contributions for the years ended November 30, 2022 and 2021, were \$63,229 and \$61,793, respectively.

**Pension Liability (Asset), Pension Expense (Expense Offset), and Deferred Outflows of Resources and Deferred inflows of Resources Related to Pensions**

The District reported a liability of \$528,927 and an asset of \$11,285, for its proportionate share of the net pension liability (asset) as of November 30, 2022 and 2021, respectively. The net pension liability (asset) was measured as of June 30, 2022 and 2021, and the total pension liability (asset) used to calculate the net pension liability (asset) was determined by an actuarial valuation as of that date. The District's proportion of the net pension liability (asset) was based on the District's share of contributions in the Base Plan pension plan relative to the total contributions of all participating PERSI Base Plan employers. At June 30, 2022, the District's proportion was 0.000134288. At June 30, 2021, the District's proportion was 0.000142891, an increase of 0.000132039 from June 30, 2020.

The District recognized pension expense (expense offset) of \$69,318 and (\$37,314), for the years ended November 30, 2022 and 2021, respectively.

At November 30, 2022, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

November 30, 2022	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 58,163	\$ 2,361
Changes in assumptions	86,231	-
Net differences between projected and actual earnings on pension plan investments	121,700	-
Changes in employer's proportion and differences between the employer's contributions and the employer's proportionate contributions for fiscal year 2019, amortized over 4.8 years	5,087	-
Contributions subsequent to the measurement date	<u>25,256</u>	<u>-</u>
<b>Total</b>	<u>\$ 296,437</u>	<u>\$ 2,361</u>

November 30, 2021	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 16,627	\$ 6,560
Changes in assumptions	129,540	-
Net differences between projected and actual earnings on pension plan investments	-	354,460
Changes in employer's proportion and differences between the employer's contributions and the employer's proportionate contributions for fiscal year 2019, amortized over 4.8 years	11,446	-
Contributions subsequent to the measurement date	26,589	-
Total	\$ 184,202	\$ 361,020

\$25,256 and \$26,589, respectively, at November 30, 2022 and 2021, was reported as deferred outflows of resources related to pensions resulting from employer contribution subsequent to the measurement date will be recognized as a reduction of the net pension liability in the next fiscal year.

The average of the expected remaining service lives of all employees that are provided with pensions through the System (active and inactive employees) determined at July 1, 2021, the beginning of the measurement period ended June 30, 2022, is 4.6 years for the measurement period ended June 30, 2021. The average of the expected remaining service lives of all employees that are provided with pensions through the System (active and inactive employees) determined at July 1, 2020 the beginning of the measurement period ended June 30, 2021, is 4.6 years for the measurement periods ended June 30, 2021.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense (revenue) as follows:

Years Ended November 30,	
2023	\$ 68,155
2024	68,466
2025	31,666
2026	100,533

### Actuarial Assumptions

Valuations are based on actuarial assumptions, the benefit formulas, and employee groups. Level percentages of payroll normal costs are determined using the Entry Age Normal Cost Method. Under the Entry Age Normal Cost Method, the actuarial present value of the projected benefits of each individual included in the actuarial valuation is allocated as a level percentage of each year's earnings of the individual between entry age and assumed exit age. The Base Plan amortizes any unfunded actuarial accrued liability based on a level percentage of payroll. The maximum amortization period for the Base Plan permitted under Section 59-1322, Idaho Code, is 25 years.

The total pension liability in the June 30, 2022 and 2021, actuarial valuations were determined using the following actuarial assumptions, for both years, applied to all periods included in the measurement:

June 30, 2022 and 2021

Inflation	2.30%
Salary increases including inflation	3.05%
Investment rate of return-net of investment fees	6.35%
Cost of Living (COLA) Adjustment	1.00%

Several different sets of mortality rates are used in the valuation for contributing members, members retired for service and beneficiaries. These rates were adopted for the valuation dated July 1, 2021.

**Contributing Members, Service Retirement members, and Beneficiaries**

General Employees and All Beneficiaries - Males	Pub-2010 General Tables, increased 11%
General Employees and All Beneficiaries - Females	Pub-2010 General Tables, increased 21%
Disabled Members - Males	Pub-2010 Disabled Tables, increased 38%
Disabled Members - Females	Pub-2010 Disabled Tables, increased 36%

Economic assumptions were studied in an experience study performed for the period 2015 through 2020. Demographic assumptions, including mortality were studied for the period 2011 through 2017. The total pension liability (asset) as of June 30, 2022 and 2021, is based on the results of an actuarial valuation date of July 1, 2022 and 2022, respectively.

The long-term expected rate of return on pension plan investments was determined using the building block approach and a forward-looking model in which best estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighing the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

Even though history provides a valuable perspective for setting the investment return assumption, the System relies primarily on an approach which builds upon the latest capital market assumptions. The assumptions and the System’s formal policy for asset allocation are shown below. The formal asset allocation policy is somewhat more conservative than the current allocation of PERSI’s assets. The best-estimate range for the long-term expected rate of return is determined by adding expected inflation to expected long-term real returns and reflecting expected volatility and correlation.

## Capital Market Assumptions 2022

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash	0.00%	0.00%
Large Cap	18.00%	4.50%
Small/Mid Cap	11.00%	4.70%
International Equity	15.00%	4.50%
Emerging Markets Equity	10.00%	4.90%
Domestic Fixed	20.00%	-0.25%
TIPS	10.00%	-0.30%
Real Estate	8.00%	3.75%
Private Equity	8.00%	6.00%

## Capital Market Assumptions 2021

## Capital Market Assumptions from Callen 2021

Asset Class	Target Allocation	Long-Term Expected Nominal Rate of Return (Arithmetic)	Long-Term Expected Real Rate of Return (Arithmetic)
Core Fixed Income	30.00%	1.80%	-0.20%
Broad US Equities	55.00%	8.00%	6.00%
Developed Foreign Equities	15.00%	8.25%	6.25%
Assumed Inflation - Mean		2.00%	2.00%
Assumed Inflation - Standard Deviation		1.50%	1.50%
Portfolio Arithmetic Mean Return		6.18%	4.18%
Portfolio Standard Deviation		12.29%	12.29%
Portfolio Long-Term (Geometric) Expected Rate of Return		5.55%	3.46%
Assumed Investment Expenses		0.40%	0.40%
Portfolio Long-Term (Geometric) Expected Rate of Return, Net of Investment Expenses		5.15%	3.06%

## Investment Policy Assumptions from PERSI November 2019

Portfolio Long-Term Expected Real Rate of Return, Net of Investment Expenses	4.14%
Portfolio Standard Deviation	14.16%



**Economic/Demographic Assumptions from Milliman 2021**

Long-Term Expected Real Rate of Return, Net of Investment Expenses	4.05%
Assumed Inflation	2.30%
Long-Term Expected Geometric Rate of Return, Net of Investment Expenses	6.35%

**Discount Rate**

The discount rate used to measure the total pension liability was 6.35% for the years ended November 30, 2022 and 2021. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current contribution rate. Based on these assumptions, the pension plans' net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability. The long-term expected rate of return was determined net of pension plan investment expense but without reduction for pension plan administrative expense.

Sensitivity of the District's proportionate share of the net pension liability to changes in the discount rate.

The following presents the District's proportionate share of the net pension liability (asset) calculated using the discount rate of 6.35 percent as well as what the District's proportionate share of the net pension liability (asset) would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

November 30, 2022	<u>Decrease of 1% (5.35%)</u>	<u>Current Discount Rate (6.35%)</u>	<u>Increase of 1% (7.35%)</u>
Proportionate share of the net pension liability	<u>\$ 933,504</u>	<u>\$ 528,927</u>	<u>\$ 197,791</u>
November 30, 2021	<u>Decrease of 1% (5.35%)</u>	<u>Current Discount Rate (6.35%)</u>	<u>Increase of 1% (7.35%)</u>
Proportionate share of the net pension liability (asset)	<u>\$ 392,299</u>	<u>\$ (11,285)</u>	<u>\$ (342,111)</u>

**Pension Plan Fiduciary Net Position**

Detailed information about the pension plan's fiduciary net position is available in the separately issued PERSI financial report.

PERSI issues a publicly available financial report that includes financial statements and the required supplementary information for PERSI. That report may be obtained on the PERSI website at [www.persi.idaho.gov](http://www.persi.idaho.gov).

**Payables to the Pension Plan**

At November 30, 2022 and 2021, the District reported payables to the defined benefit pension plan of \$0 for legally required employer contributions and \$0 for legally required employee contributions which had been withheld from employee wages but not yet remitted to PERSI.

**Note 5 - Long-Term Debt**

A summary of the activity in the long-term debt is as follows:

	Balance at December 1, 2021	Additions	Payments	Balance at November 30, 2022	Amounts Due in One Year
General obligation bonds payable Series 2018	\$ 850,799	\$ -	\$ (299,124)	\$ 551,675	\$ 308,113
Local Improvement District Bond Series 2009	60,362	-	(6,022)	54,340	6,405
	<u>\$ 911,161</u>	<u>\$ -</u>	<u>\$ (305,146)</u>	<u>\$ 606,015</u>	<u>\$ 314,518</u>
	Balance at December 1, 2020	Additions	Payments	Balance at November 30, 2021	Amounts Due in One Year
General obligation bonds payable Series 2018	\$ 1,140,751	\$ -	\$ (289,952)	\$ 850,799	\$ 299,124
Local Improvement District Bond Series 2009	66,025	-	(5,663)	60,362	6,023
	<u>\$ 1,206,776</u>	<u>\$ -</u>	<u>\$ (295,615)</u>	<u>\$ 911,161</u>	<u>\$ 305,147</u>

In November 2018, the District refunded the 2007 General Obligation Bonds in an advance refunding. The proceeds on the refunding issue were placed into an irrevocable escrow account and invested in U. S. Treasury obligations that, together with interest earned thereon, provided amounts sufficient to retire the 2007 General Obligation Bonds on the interest payment due date in February 2019. The refunded bonds are not included in the District's outstanding long-term debt since the District legally satisfied its obligation with respect thereto through consummation of the refunding transaction. There was no gain or loss on the refunding. The net present value of cash flow savings associated with the refunding was \$399,205.

On May 5, 2009, the Sun Valley Water and Sewer District issued Local Improvement District Bond, Series 2009. The original amount of the bond was \$402,586, the proceeds of which were used for the acquisition, construction and installation of improved water waste treatment facilities for the property owners of the District in the McHanville area. The 20-year bonds will be repaid at a coupon interest rate of 6.35%. The property owners in the LID are assessed a proportional share of the bond principal and interest.

The annual requirements to pay principal and interest on the outstanding debt are as follows:

Years Ending November 30,	2018 Series		LIDS	
	Principal	Interest	Principal	Interest
2023	\$ 308,113	\$ 17,654	\$ 6,405	\$ 3,451
2024	243,562	7,794	6,812	3,044
2025	-	-	7,244	2,611
2026	-	-	7,704	2,151
2027	-	-	8,193	1,662
2028-2029	-	-	17,982	1,730
	<u>\$ 551,675</u>	<u>\$ 25,448</u>	<u>\$ 54,340</u>	<u>\$ 14,649</u>

#### Note 6 - Commitments

The District is exposed to various risks of loss related to employee dishonesty, employee injury, property damage and general liability. Commercial insurance is purchased to cover these risks.

#### Note 7 - Concentrations

One of the District's customers accounted for approximately 17% of revenues, 45% of accounts receivable and 16% of revenues and 28% of accounts receivable for the years ended November 30, 2022 and 2021, respectively.



Required Supplementary Information  
November 30, 2022

## Sun Valley Water & Sewer District

Sun Valley Water & Sewer District  
 Schedule of the District's Proportionate Share of the Net Pension Liability (Asset)  
 November 30, 2022

Last 10 Fiscal Years\*

	2022	2021	2020	2019	2018	2017	2016	2015
District Proportion of the Net Pension Liability (Asset)	0.000134288	0.000142891	0.000132039	0.000128180	0.000107728	0.000119056	0.000119930	0.000129613
District Proportionate Share of the Net Pension Liability (Asset)	\$ 528,927	\$ (11,285)	\$ 306,612	\$ 146,314	\$ 158,901	\$ 187,136	\$ 243,117	\$ 170,679
District Covered Payroll	\$ 472,571	\$ 456,920	\$ 545,740	\$ 436,994	\$ 374,544	\$ 364,106	\$ 357,052	\$ 374,532
Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	111.93%	2.47%	56.18%	33.48%	42.43%	51.40%	68.09%	45.57%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability (Asset)	83.09%	100.36%	88.22%	93.79%	91.69%	73.65%	87.26%	94.95%

\*GASB Statement No. 68 requires 10 years of information to be presented in this table. However, until a full 10-year trend is compiled, the District will present information for those years for which information is available.

Data reported is measured as of June 30<sup>th</sup>.

Sun Valley Water & Sewer District  
 Schedule of Employer Contributions  
 November 30, 2022

Last 10 Fiscal Years\*

	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Statutorily Required Contribution	\$ 54,732	\$ 61,793	\$ 65,096	\$ 49,651	\$ 39,235	\$ 41,217	\$ 40,418	\$ 42,397
Contributions in Relation to the Statutorily Required Contribution	<u>(58,590)</u>	<u>(61,793)</u>	<u>(65,096)</u>	<u>(49,651)</u>	<u>(39,235)</u>	<u>(41,217)</u>	<u>(40,418)</u>	<u>(42,397)</u>
Contribution Deficiency (Excess)	<u>\$ (3,858)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
District Covered Payroll	\$ 466,205	\$ 526,548	\$ 503,750	\$ 495,709	\$ 375,646	\$ 364,106	\$ 357,052	\$ 374,532
Contributions as a Percentage of Covered Payroll	12.57%	11.74%	12.92%	10.02%	10.44%	11.32%	11.32%	11.32%

\*GASB Statement No. 68 requires 10 years of information to be presented in this table. However, until a full 10-year trend is compiled, the District will present information for those years for which information is available.

Data reported is measured as of November 30<sup>th</sup> of each year.



Supplementary Information  
November 30, 2022

## Sun Valley Water & Sewer District

Sun Valley Water & Sewer District  
Schedule of Revenues and Expenditures – Budget and Actual (Budgetary Basis)  
November 30, 2022

	Budget	Actual	Variance Over (Under)
<b>Operating Revenues</b>			
Water	\$ 725,000	\$ 753,953	\$ 28,953
Sewer	780,000	784,985	4,985
Irrigation and snowmaking charges	895,000	799,369	(95,631)
Fees - Inspection and connection	2,400	4,500	2,100
<b>Total operating revenues</b>	<b>2,402,400</b>	<b>2,342,807</b>	<b>(59,593)</b>
<b>Operating Expenses</b>			
Sewage treatment plant operation	845,000	660,079	(184,921)
Labor - Operations and maintenance	350,000	265,364	(84,636)
Labor - Administration and board	318,000	262,434	(55,566)
Benefits	263,000	217,728	(45,272)
Materials and supplies	52,000	38,832	(13,168)
Repairs and maintenance	538,500	869,921	331,421
Payroll taxes	50,000	49,173	(827)
Insurance	43,000	43,093	93
Utilities	364,000	259,676	(104,324)
Professional fees	250,000	88,980	(161,020)
Outside consultants	75,000	104,539	29,539
Miscellaneous	60,000	135,040	75,040
Depreciation	1,090,000	957,610	(132,390)
<b>Total operating expenses</b>	<b>4,298,500</b>	<b>3,952,469</b>	<b>(346,031)</b>
<b>Operating Income (Loss)</b>	<b>\$ (1,896,100)</b>	<b>\$ (1,609,662)</b>	<b>\$ 286,438</b>



Sun Valley Water & Sewer District  
Schedule of Revenues and Expenditures – Budget and Actual (Budgetary Basis)  
November 30, 2022

	<u>Budget</u>	<u>Actual</u>	<u>Variance Over (Under)</u>
Nonoperating Revenues (Expenses)			
Interest earned	10,945	\$ 75,232	64,287
Property taxes	1,397,506	1,407,201	9,695
Capital improvements fees	80,000	146,000	66,000
State sales tax	57,500	78,581	21,081
Miscellaneous revenue	11,100	15,276	4,176
Loss on disposal of capital assets	-	(229,780)	(229,780)
Reimbursed project costs	9,856	9,856	-
Bond fees	-	300	300
Interest expense	(31,059)	(31,659)	(600)
	<u>1,535,848</u>	<u>1,471,007</u>	<u>(64,841)</u>
Total nonoperating revenues			
Change in Net Position	<u>\$ (360,252)</u>	<u>(138,655)</u>	<u>\$ 221,597</u>
Total Net Position, Beginning of Year		<u>27,111,640</u>	
Total Net Position, End of Year		<u>\$ 26,972,985</u>	



**Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards***

To the Board of Directors  
Sun Valley Water & Sewer District  
Sun Valley, Idaho

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of Sun Valley Water & Sewer District (the District), as of and for the year then ended November 30, 2022, and the related notes to the financial statements, which collectively comprise the District's basic financial statements and have issued our report thereon dated May 15, 2023.

**Report on Internal Control over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

*A deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control over financial reporting that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. However, as described in the accompanying schedule of findings and responses, we identified a certain deficiency in internal control that we consider to be a material weakness. See finding 2022-001.

## Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

## District's Response to Findings

The District's responses to the findings identified in our audit are described in the accompanying schedule of findings and responses. The District's responses were not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on them.

## Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Boise, Idaho  
May 15, 2023

**Financial Statement Findings**

**2022-001      Financial Statement Preparation  
Material Weakness in Internal Control**

**Criteria:**

Management is responsible for establishing and maintaining internal control, and for the fair presentation of the financial statements and related financial statement disclosures being audited.

**Condition:**

The District does not have an internal control system designed to provide for the preparation of the financial statements and related financial statement disclosures being audited. In conjunction with the completion of our audit, we were requested to draft the financial statements and accompanying notes to those financial statements.

**Cause:**

Although this circumstance is not unusual for an organization of your size, the preparation of financial statements as a part of the audit engagement may result in financial statements and related information included in financial statement disclosures not being available for management purposes as timely as it would be if prepared by District personnel.

**Effect:**

Management relied on the auditing firm to report financial data in accordance with generally accepted accounting principles.

**Recommendation:**

Management continues to perform a cost benefit analysis on preparing financial statements in accordance with generally accepted accounting principles.

**Views of Responsible Officials:**

The District agrees with the finding.



## **SUN VALLEY WATER & SEWER DISTRICT**

**TO: PAT MCMAHON AND THE BOARD OF DIRECTORS**  
**FROM: JEANENE PARKER**  
**DATE: JUNE 20, 2023**  
**SUBJECT: TREASURER'S REPORT**

1. Department Activities
  - BS&A Software –Conversion and Training
  - Credit Card Processing – Preliminary Setup
  - Banking – Fraud Protection/Positive Pay/Wire Svc – Banking Portal Setup
  - Quarterly Billing
  - Budget & Levy Training
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 (2 cycles)
10. Wells Fargo Credit Card Statement



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	2/28/2023	3/31/2023	4/30/2023	5/31/2023
% Of Fiscal year that has elapsed>>>	FYE						
<b>SUMMARY BALANCE SHEET</b>							
		8%	17%	25%	33%	42%	50%
<b>ASSETS</b>							
Cash - Operating	255,489	291,870	249,236	173,056	258,906	202,495	92,199
Cash - Restricted	2,216	19,833	2,277	11,616	2,373	3,122	1,918
Investments	7,858,181	8,102,189	8,801,949	8,827,053	8,871,260	8,655,012	8,700,283
<b>TOTAL CASH &amp; EQUIVALENTS</b>	<b>8,115,886</b>	<b>8,413,892</b>	<b>9,053,461</b>	<b>9,011,724</b>	<b>9,132,539</b>	<b>8,860,630</b>	<b>8,794,400</b>
Taxes Receivable	1,439,347	1,362,679	548,288	513,993	493,255	485,705	470,540
Accounts Receivable	162,928	67,900	31,408	366,186	68,027	25,658	522,636
Other Current Assets	57,488	58,204	54,452	51,072	71,217	176,356	177,114
<b>TOTAL CURRENT ASSETS</b>	<b>9,775,648</b>	<b>9,902,675</b>	<b>9,687,609</b>	<b>9,942,976</b>	<b>9,765,038</b>	<b>9,548,349</b>	<b>9,964,689</b>
Property Plant & Equipment Net of Acc Depreciation	14,711,533	14,669,910	14,615,446	14,580,146	14,536,836	14,486,950	14,467,220
Deferred Charge, Net Amortization, KSTP Contributions Assets, net of accumulated amortization	5,218,586	5,196,681	5,174,777	5,152,872	5,130,968	5,109,064	5,087,159
<b>TOTAL ASSETS</b>	<b>29,705,767</b>	<b>29,769,266</b>	<b>29,477,832</b>	<b>29,675,994</b>	<b>29,432,842</b>	<b>29,144,362</b>	<b>29,519,068</b>
<b>LIABILITIES</b>							
Current Portion of Long Term Debt	308,113	308,113	308,113	308,113	308,113	308,113	308,113
Other Current Liabilities	270,285	273,820	211,521	236,647	232,993	190,846	277,202
<b>TOTAL CURRENT LIABILITIES</b>	<b>578,398</b>	<b>581,933</b>	<b>519,634</b>	<b>544,760</b>	<b>541,106</b>	<b>498,959</b>	<b>585,315</b>
Bonds Payable	297,902	297,902	297,902	297,902	297,902	291,497	291,497
<b>TOTAL LIABILITIES</b>	<b>876,299</b>	<b>879,835</b>	<b>817,536</b>	<b>842,662</b>	<b>839,008</b>	<b>790,456</b>	<b>876,812</b>
<b>NET POSITION</b>	<b>28,829,468</b>	<b>28,889,431</b>	<b>28,660,296</b>	<b>28,833,332</b>	<b>28,593,835</b>	<b>28,353,906</b>	<b>28,642,256</b>
<b>NET POSITION</b>							
Contributions from Developers	4,770,493	4,770,493	4,770,493	4,770,493	4,770,493	4,770,493	4,770,493
Net Pension Liability	349,735	349,735	349,735	349,735	349,735	349,735	349,735
Deferred Inflow - Taxes	1,437,426	1,317,840	1,198,253	1,078,666	959,079	839,493	719,906
Retained Earnings - Reserved & Unappropriated	22,271,814	22,451,364	22,341,815	22,634,439	22,514,528	22,394,186	22,802,123
	<b>28,829,468</b>	<b>28,889,431</b>	<b>28,660,296</b>	<b>28,833,332</b>	<b>28,593,835</b>	<b>28,353,906</b>	<b>28,642,256</b>
<b>BONDS OUTSTANDING</b>							
2018 Bond, 4.200-4.50% due Aug 2024	551,675	551,675	551,675	551,675	551,675	551,675	551,675
2009 McHanville LID Bonds, 6.35% due 2029	54,340	54,340	54,340	54,340	54,340	47,935	47,935
Bonds Current Portion	(308,113)	(308,113)	(308,113)	(308,113)	(308,113)	(308,113)	(308,113)
	<b>297,902</b>	<b>297,902</b>	<b>297,902</b>	<b>297,902</b>	<b>297,902</b>	<b>291,497</b>	<b>291,497</b>
48							



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

ASSETS

CURRENT ASSETS

CASH

1-01-00	CASH - OPERATING CHECKING	92,198.72
1-02-00	CASH - 2018 BOND FUND (2007)	546.16
1-05-00	CASH -'04 KSTP CONSTRUCT. FUND	502.76
1-05-01	CASH -'08 MCHANVILLE LID	869.20

TOTAL CASH	94,116.84
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TAXES RECEIVABLE

1-06-00	TAXES RECEIVABLE - CURRENT	363,948.28
1-09-00	TAXES RECEIVABLE-CURRENT-BOND	106,591.52

TOTAL TAXES RECEIVABLE	470,539.80
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ACCOUNTS RECEIVABLE

1-15-00	ACCOUNTS RECEIVABLE - OTHER	258.83
1-16-00	ACCOUNTS RECEIVABLE METERED LO	21,665.22
1-17-00	ACCOUNTS RECEIVABLE W/S TRADE	367,685.82
1-18-00	ACCRUED SPRINKLING REVENUE SV	46,539.23
1-19-00	ACCRUED SPRINKLING REVENUE ELK	86,486.48

TOTAL ACCOUNTS RECEIVABLE	522,635.58
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1-41-00	INVENTORY OF SUPPLIES	51,829.56
1-48-00	INVESTMENTS-2018 BOND RPAY FND	260,738.80
1-50-00	INVESTMENTS - GENERAL FUND	7,546,444.74
1-51-00	INVESTMENTS - CAP RESERVE FUND	104,978.93
1-52-00	SEWER REPLACEMENT/REPAIR FUND	448,354.83
1-54-00	INVESTMENTS-'04 KSTP CONST FND	2,078.18
1-54-01	INVESTMENTS-'08 MCHANVILLE LID	337,687.73
1-55-00	PREPAID EXPENSES	125,284.04

TOTAL	8,877,396.81
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TOTAL CURRENT ASSETS	9,964,689.03
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SUN VALLEY WATER & SEWER DIST  
BALANCE SHEET  
MAY 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	228,847.22
1-69-00	FIXED ASSETS - W.I.P. - SEWER	83,534.73
1-69-50	FIXED ASSETS - REUSE	4,613,070.63
		4,613,070.63
	TOTAL PROPERTY PLANT & EQUIPMENT	28,523,581.98
ACCUM DEPRECIATION		
1-72-00	DEPRECIATION - BUILDINGS	( 502,688.72)
1-73-00	DEPR - IMPR NOT BLDG - WATER	( 9,168,370.34)
1-74-00	DEPR - IMPR NOT BLDG - SEWER	( 2,591,236.06)
1-75-00	DEPR - MACH/EQUIP - WATER	( 416,480.97)
1-76-00	DEPR - MACH/EQUIP - SEWER	( 297,791.30)
1-77-00	DEPR - OFFICE EQUIPMENT	( 114,406.52)
1-78-00	DEPR - REUSE	( 965,388.01)
		( 965,388.01)
	TOTAL ACCUM DEPRECIATION	( 14,056,361.92)
DEFERRED CHARGES		
1-96-00	CONTRIBUTION - KSTP (ASSET)	13,234,213.71
1-97-00	ACCUMULATED AMORTIZATION KSTP	( 8,331,256.51)
1-99-00	DOF OF RES.-PENSION OBLIGATION	184,202.00
		184,202.00
	TOTAL DEFERRED CHARGES	5,087,159.20
	TOTAL FIXED ASSETS	19,554,379.26
	TOTAL ASSETS	29,519,068.29

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

LIABILITIES AND EQUITY

LIABILITIES

CURRENT LIABILITIES

2-01-00	ACCOUNTS PAYABLE	187,664.37
2-11-00	CURRENT PORTION LONG TERM DEBT	308,113.00
2-12-00	ACCR INT PAYABLE ON BONDS	7,546.59
2-16-00	SALARIES PAYABLE	4,588.79
2-21-00	INS - PAYROLL DEDUCT PAYABLE	6,376.29
2-24-00	DEF COMP - PAYROLL TAXES PAY	71,026.32

TOTAL CURRENT LIABILITIES	585,315.36	
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LONG TERM LIABILITIES

2-38-00	2009 MCHANVILLE LID PRINCIPAL	47,934.55
2-39-00	BONDS CURRENT PORTION	( 308,113.00)
2-40-00	2018 BONDS	551,675.00

TOTAL LONG TERM LIABILITIES	291,496.55	
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TOTAL LIABILITIES		876,811.91
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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	719,905.79
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	530,308.97

BALANCE - CURRENT DATE	21,477,304.29	
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TOTAL FUND EQUITY		28,642,256.38
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TOTAL LIABILITIES AND EQUITY		29,519,068.29
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SUN VALLEY WATER & SEWER DIST  
REVENUES WITH COMPARISON TO BUDGET  
FOR THE 6 MONTHS ENDING MAY 31, 2023

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<b>WATER AND SEWER REVENUE</b>					
<b>OPERATING REVENUES</b>					
3-38-00	79,055.35	265,025.05	425,500.00	160,474.95	62.3
3-39-00	89,954.18	270,341.46	415,000.00	144,658.54	65.1
3-40-00	89,512.87	274,188.33	414,000.00	139,811.67	66.2
3-41-00	103,493.22	311,285.69	471,500.00	160,214.31	66.0
3-42-00	41,057.91	44,556.79	402,000.00	357,443.21	11.1
3-43-00	119,227.80	119,524.75	720,000.00	600,475.25	16.6
3-45-00	75.00	450.00	1,500.00	1,050.00	30.0
3-46-00	75.00	787.50	1,500.00	712.50	52.5
<b>TOTAL OPERATING REVENUES</b>	<b>522,451.33</b>	<b>1,286,159.57</b>	<b>2,851,000.00</b>	<b>1,564,840.43</b>	<b>45.1</b>
<b>NON-OPERATING REVENUES</b>					
3-01-00	92,518.29	556,638.44	1,109,266.00	552,627.56	50.2
3-02-00	27,173.29	163,505.34	325,775.00	162,269.66	50.2
3-19-00	106.86	1,378.82	.00	( 1,378.82)	.0
3-34-00	17,848.01	37,834.78	65,000.00	27,165.22	58.2
3-47-00	3,100.00	32,550.00	62,000.00	29,450.00	52.5
3-49-00	1,900.00	11,400.00	38,000.00	26,600.00	30.0
3-69-00	100.00	352.50	13,000.00	12,647.50	2.7
3-71-00	30,214.93	149,215.06	50,000.00	( 99,215.06)	298.4
3-72-00	390.68	1,949.02	900.00	( 1,049.02)	216.6
3-73-00	.00	.00	2,500.00	2,500.00	.0
3-75-00	8.16	40.62	400.00	359.38	10.2
3-76-00	951.79	3,085.52	4,500.00	1,414.48	68.6
3-78-00	1,242.15	6,264.33	1,500.00	( 4,764.33)	417.6
3-90-00	7,801.16	9,855.55	9,856.00	.45	100.0
<b>TOTAL NON-OPERATING REVENUES</b>	<b>183,355.32</b>	<b>974,069.98</b>	<b>1,682,697.00</b>	<b>708,627.02</b>	<b>57.9</b>
<b>TOTAL REVENUE</b>	<b>705,806.65</b>	<b>2,260,229.55</b>	<b>4,533,697.00</b>	<b>2,273,467.45</b>	<b>49.9</b>

SUN VALLEY WATER & SEWER DIST  
EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 6 MONTHS ENDING MAY 31, 2023

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<b>WATER AND SEWER EXPENSE</b>					
<b>SALARIES &amp; RELATED EXPENSES</b>					
4-01-11 SALARIES - BOARD	.00	3,750.00	12,000.00	8,250.00	31.3
4-01-12 SALARIES - ADMINISTRATION	21,966.70	141,436.55	325,500.00	184,063.45	43.5
4-01-13 SALARIES - OPERATING	24,434.25	144,784.99	395,000.00	250,215.01	36.7
4-01-21 FICA EXPENSE	3,484.18	21,550.10	58,600.00	37,049.90	36.8
4-01-22 HEALTH INSURANCE EXPENSE	6,432.86	41,653.56	125,000.00	83,346.44	33.3
4-01-23 RETIREMENT EXPENSE	5,457.57	32,186.06	81,000.00	48,813.94	39.7
4-01-24 WORKERS' COMPENSATION EXPENSE	.00	16,295.00	25,000.00	8,705.00	65.2
4-01-26 HSA EXPENSE	461.52	2,384.52	.00	( 2,384.52)	.0
<b>TOTAL SALARIES &amp; RELATED EXP</b>	<b>62,237.08</b>	<b>404,040.78</b>	<b>1,022,100.00</b>	<b>618,059.22</b>	<b>39.5</b>
<b>SUPPLIES</b>					
4-02-30 SECURITY EQUIPMENT	.00	.00	40,000.00	40,000.00	.0
4-02-31 OFFICE SUPPLIES	2,338.29	5,944.62	25,000.00	19,055.38	23.8
4-02-32 OPERATING SUPPLIES	852.15	3,253.27	15,000.00	11,746.73	21.7
4-02-34 MINOR EQUIPMENT	( 22.29)	648.64	5,000.00	4,351.36	13.0
4-02-35 FUEL AND OIL	1,214.60	5,839.60	30,000.00	24,160.40	19.5
4-02-38 JANITORIAL SUPPLIES	28.17	201.47	2,000.00	1,798.53	10.1
<b>TOTAL SUPPLIES</b>	<b>4,410.92</b>	<b>15,887.60</b>	<b>117,000.00</b>	<b>101,112.40</b>	<b>13.6</b>
<b>OTHER EXPENSES</b>					
4-03-40 KSTP OPERATIONS	61,445.90	268,360.24	850,000.00	581,639.76	31.6
4-03-41 CONSULTING - PROF FEES	3,522.98	47,784.23	100,000.00	52,215.77	47.8
4-03-42 AUDITING - PROF FEES	3,260.00	20,360.00	25,000.00	4,640.00	81.4
4-03-43 ATTORNEY'S FEES	.00	7,630.00	150,000.00	142,370.00	5.1
4-03-44 ADVERTISING & LEGAL PUBLISH	.00	1,282.05	10,000.00	8,717.95	12.8
4-03-46 INSURANCE	4,029.00	24,174.00	60,000.00	35,826.00	40.3
4-03-47 TRAVEL, MEETING, ENTERTAINMENT	249.75	1,376.18	5,000.00	3,623.82	27.5
4-03-48 DUES, SUBSCRIPTIONS	1,068.77	35,026.60	50,000.00	14,973.40	70.1
4-03-49 PERSONNEL TRAINING	286.55	1,636.72	60,000.00	58,363.28	2.7
4-03-50 STUDIES	.00	91,294.36	150,000.00	58,705.64	60.9
4-03-51 TELEPHONE	823.40	4,827.97	12,000.00	7,172.03	40.2
4-03-52 SYSTEM UTILITIES, ELEC/GAS	13,088.85	85,928.77	325,000.00	239,071.23	26.4
4-03-54 RENT - EQUIPMENT OFFICE	349.93	2,099.58	4,200.00	2,100.42	50.0
4-03-57 UTILITIES - MTC BLDG	545.94	4,959.22	8,500.00	3,540.78	58.3
4-03-58 R/M OFFICE EQ	.00	724.75	1,000.00	275.25	72.5
4-03-59 R/M GROUNDS	4,949.50	4,949.50	35,000.00	30,050.50	14.1
4-03-60 R/M - BUILDINGS	231.58	1,859.09	50,000.00	48,140.91	3.7
4-03-61 R/M - AUTO	.00	1,456.74	10,000.00	8,543.26	14.6
4-03-62 R/M - WA EQUIPMENT	.00	.00	2,500.00	2,500.00	.0
4-03-63 R/M - WATER SYSTEM	52,638.90	185,347.73	550,000.00	364,652.27	33.7
4-03-64 R/M - SEWER SYSTEM	.00	9,326.50	400,000.00	390,673.50	2.3
4-03-65 R/M - WATER METERS	327.28	975.26	5,000.00	4,024.74	19.5
4-03-67 WATER TEST FEES	120.00	1,239.00	15,000.00	13,761.00	8.3
4-03-68 ELECTIONS	.00	.00	5,000.00	5,000.00	.0
4-03-69 OTHER EXPENSES	65.90	2,295.63	37,500.00	35,204.37	6.1
4-03-70 R/M - REUSE SYSTEM	.00	501.09	15,000.00	14,498.91	3.3
4-03-71 R/M SCADA	4,287.98	24,998.85	35,000.00	10,001.15	71.4

SUN VALLEY WATER & SEWER DIST  
 EXPENDITURES WITH COMPARISON TO BUDGET  
 FOR THE 6 MONTHS ENDING MAY 31, 2023

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL OTHER EXPENSES	151,292.21	830,414.06	2,970,700.00	2,140,285.94	28.0
CAPITAL					
4-04-70 DEPRECIATION EXPENSE	57,200.27	343,201.62	900,000.00	556,798.38	38.1
4-04-73 AMORTIZ OF CONTRIBUTION - KSTP	21,904.42	131,426.52	350,000.00	218,573.48	37.6
TOTAL CAPITAL	79,104.69	474,628.14	1,250,000.00	775,371.86	38.0
DEBT SERVICE					
4-05-81 INTEREST EXPENSE FOR BONDS	575.00	3,450.00	17,654.00	14,204.00	19.5
4-05-84 INTEREST EXPENSE- LID	250.00	1,500.00	3,451.00	1,951.00	43.5
TOTAL DEBT SERVICE	825.00	4,950.00	21,105.00	16,155.00	23.5
TOTAL DEPARTMENT EXPENSE	297,869.90	1,729,920.58	5,380,905.00	3,650,984.42	32.2
NET REVENUE OVER EXPENDITURES	407,936.75	530,308.97	( 847,208.00)	( 1,377,516.97)	62.6

SUN VALLEY WATER & SEWER DISTRICT COMPARISON MAY 2023												
	DECEMBER		JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	2022	2021	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
WELL PRODUCTION	64,501	50,126	59,096	52,832	52,006	44,683	57,869	46,319	53,445	41,988	72,823	72,643
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	0	941	2,147	7,804
DOLLAR Snowmaking	11,226	10,243	1,988	19,072	0	2,526	0	76	0	0	0	0
KSTP Plant Total	34,963	33,746	35,744	35,452	32,969	36,206	35,993	36,972	47,261	32,117	98,773	40,891
Ketchum Total	20,548	16,465	19,955	17,216	18,264	19,002	19,094	17,435	26,148	15,046	70,234	19,639
SVWSD Total	14,415	17,281	15,789	18,236	14,705	17,204	16,899	19,537	21,113	17,071	28,539	21,252
SVWSD %	41.23%	51.21%	44.17%	51.44%	44.60%	47.52%	46.95%	52.84%	44.67%	53.15%	51.97%	51.97%
KSTP Operating Expense	39,901	32,929	40,681	42,296	28,534	44,427	59,668	51,205	38,130	56,159	61,446	53,205
System Utility	14,203	11,330	15,527	13,122	14,702	11,764	14,491	11,792	13,917	12,279	13,089	12,971
Property Tax	59,263	42,944	629,434	559,645	26,509	18,798	16,031	16,392	5,836	8,317	11,772	7,602
2007 Bond (Refin 2018)	17,405	13,570	184,958	170,623	7,785	5,727	4,708	4,994	1,714	2,534	3,443	2,316
	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
<b>70</b>			
<b>1-41-00 INVENTORY OF SUPPLIES</b>			
	Banyan Technology Inc.	INVENTORY	4,141.00
<b>4-03-41 CONSULTING - PROF FEES</b>			
	Banyan Technology Inc.	CONSULTING	1,370.00
<b>4-03-63 R/M - WATER SYSTEM</b>			
	Banyan Technology Inc.	WATER R/M	5,090.27
<b>4-03-71 R/M SCADA</b>			
	Banyan Technology Inc.	SCADA R/M -	2,867.66
	<b>Total 70:</b>		<b>13,468.93</b>
<b>490</b>			
<b>1-68-00 FIXED ASSETS - W.I.P. - WATER</b>			
	Joe's Backhoe Service, Inc.	WIP WATER - FOREST SERVICE BLDG NEW WATERLINE	13,979.10
<b>4-03-63 R/M - WATER SYSTEM</b>			
	Joe's Backhoe Service, Inc.	WATER R/M - DOLLAR RD - ASPHALT PATCH	25,940.00
	<b>Total 490:</b>		<b>39,919.10</b>
<b>515</b>			
<b>1-69-00 FIXED ASSETS - W.I.P. - SEWER</b>			
	Ketchum, City of	CAPITAL EXP	19,396.52
<b>4-03-40 KSTP OPERATIONS</b>			
	Ketchum, City of	KSTP OPERATINGS/MAY 2023	61,445.90
	<b>Total 515:</b>		<b>80,842.42</b>
<b>1141</b>			
<b>4-03-41 CONSULTING - PROF FEES</b>			
	BS&A SOFTWARE	PROGRESS BILLING #2 - CLOUD FEES, RECORD SEARCH	17,525.00
	<b>Total 1141:</b>		<b>17,525.00</b>
	<b>Grand Totals:</b>		<b>151,755.45</b>



Consulting 4-03-41-1370.00  
 Scada 4-03-71-2867.66  
 Water Rtn 4-03-63-5090.27

1-41-00 - 4141:00 - In

Banyan Technologies Inc.  
 P.O. Box 5083  
 Twin Falls, Idaho 83303-5083

# Invoice

Date	Invoice #
6/5/2023	21014

<b>Bill To</b>
Sun Valley Water & Sewer District P.O. Box 2410 Sun Valley, Idaho 83353

<b>Ship To</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
Pat	Net 30		6/5/2023			

Quantity	Item Code	Description	Price Each	Amount
10	Consulting	Website updates, Board Packet uploads, Mandatory security updates (No Charge)	0.00	0.00
12	Consulting	Z drive Configuration and network connection to all computers. Router configuration updates, COX outages and Internet troubleshooting	95.00	1,140.00
6	Consulting	SCADA and WIN911 support	95.00	570.00
2	Consulting	Trouble-shoot communication problems on Sun Valley side of system related to IPCO outage 05/05/23	115.00	230.00
1	Consulting	Trouble-shoot communication problems to Dollar Booster 05/05/23	115.00	115.00
4	Consulting	Upgrade firmware on all Cradlepoint modems, trouble-shoot White Cloud Booster Comm Trouble 05/07/23	115.00	460.00
8	Consulting	Field Service - Communication problems at Sun Valley Sewer and White Cloud Booster 05/08/23	115.00	920.00
172	Travel	Mileage 05/08/23	0.655	112.66
4	Consulting	Trouble-shoot communications errors between SCADA PC and PLC. Program alarm to detect and callout on loss of communications between SCADA PC and PLC 05/16/23	115.00	460.00
2	PLC Parts	Allen Bradley 1769 L35E replacement CPU for Master PLC which has bad serial comm port. The second PLC is a spare. (refurbished with 2 year warranty)	1,990.00	3,980.00
2	PLC Parts	Allen Bradley 1762-IF4 Analog Input Modules (Spare Parts)	1,026.00	2,052.00
1	Shipping	Shipping & Handling for PLC Parts	31.61	31.61
2	Consulting	Flash firmware on new 1769 L35E CPU's to most current version. 05/17/23	115.00	230.00
7	Consulting	Field Service - Install replacement CPU in Master PLC that was damaged by lightning. Also replaced damaged radio antenna at shop.	115.00	805.00
172	Travel	Mileage	0.655	112.66
<b>Total</b>				

Banyan Technologies Inc.

# Invoice

P.O. Box 5083  
Twin Falls, Idaho 83303-5083

Date	Invoice #
6/5/2023	21014

<b>Bill To</b>
Sun Valley Water & Sewer District P.O. Box 2410 Sun Valley, Idaho 83353

<b>Ship To</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
Pat	Net 30		6/5/2023			

Quantity	Item Code	Description	Price Each	Amount
2	Parts	Ametek 575 Submersible Level Transmitter   0 to 15 psi   Flush Cage (ELECTRICAL CONNECTION: Polyurethane Cable/Cable Support Bracket/Vent Tube, CABLE LENGTH: 75 ft (22.9 m) One used for Backpay Reservoir and one spare.	1,125.00	2,250.00
		Idaho Sales Tax	6.00%	0.00
			<b>Total</b>	\$13,468.93

# Invoice

Joe's Backhoe Service, Inc.

P.O. Box 54

Richfield, ID 83349

Date	Invoice #
6/11/2023	7423225

Bill To
Sun Valley Water & Sewer* P.O. Box 2410 Sun Valley, ID 83353

Digger953@hotmail.com

Phone #	Fax #
(208) 309-1587	(208) 487-3191

PROJECT	Terms
DOLLAR ROAD	Due on receipt

DATE	HOURS/QTY	EQUIPMENT	RATE	AMOUNT
5/15/2023	3	PREP FOR ASPHALT PATCH		
		MED. EXCAVATOR	130.00	390.00
	3	LABOR	65.00	195.00
5/18/2023	2	DUMP TRUCK	120.00	240.00
	4	4 YARDS OF DIRT & ROCKS - DUMP FEE	3.00	12.00
	12	MED. EXCAVATOR	130.00	1,560.00
	4	HYDRA HAMMER	160.00	640.00
	16	LABOR	65.00	1,040.00
	7	DUMP TRUCK	120.00	840.00
	2	2 LOADS OF CONCRETE - DUMP FEE	215.00	430.00
		ASPHALT SAW CUT	295.00	295.00
	2	2 LOADS OF 3/4" ROAD MIX	350.00	700.00
		CONCRETE CURB & GUTTER	2,450.00	2,450.00
	COMPACTOR	125.00	125.00	
	2	LOADER	185.00	370.00
	1.5	ROLLER	130.00	195.00
		ASPHALT PATCH	16,458.00	16,458.00

4-03-63

WE APPRECIATE YOUR BUSINESS! Thanks for choosing Joe's Backhoe Service!  
Please note this invoice number with your payment to ensure proper credit. Thank You!

**Total** \$25,940.00

# Invoice

Joe's Backhoe Service, Inc.  
P.O. Box 54  
Richfield, ID 83349

Date	Invoice #
5/28/2023	7423166

Bill To
Sun Valley Water & Sewer* P.O. Box 2410 Sun Valley, ID 83353

Digger953@hotmail.com

Phone #	Fax #
(208) 309-1587	(208) 487-3191

PROJECT	Terms
FOREST SERVICE BUILDING	Due on receipt

DATE	HOURS/QTY	EQUIPMENT	RATE	AMOUNT
4/25/2023	2	INSTALL NEW WATERLINE		
	2	MED. EXCAVATOR	130.00	260.00
	2	VAC TRAILER	250.00	500.00
	3	LABOR	65.00	195.00
4/26/2023	4	MED. EXCAVATOR	130.00	520.00
	6	LABOR	65.00	390.00
	180	180' - BORE	55.00	9,900.00
	130	130' - 1" POLY PIPE	1.25	162.50
	130	130' - TRACER WIRE	0.37	48.10
	1	1 - 1" SPRINKLER TAP	875.00	875.00
	4	4 - 1" BRASS KING NIPPLES	14.00	56.00
	7	7 - 4" PVC PIPE	4.50	31.50
	1	1 - 4" PVC SCREW CAP	11.00	11.00
	3	3 - 1" X 6" BRASS NIPPLES	14.00	42.00
	2	2 - 1" BRASS COUPLINGS	8.00	16.00
	1	1 - LIVE TAP	135.00	135.00
	3.5	DUMP TRUCK	120.00	420.00
	24	24 YARDS OF DIRT & ROCKS - DUMP FEE	3.00	72.00
	1	1 LOAD OF 3/4" WASHED ROCK	345.00	345.00

1-68-00  
✓

WE APPRECIATE YOUR BUSINESS! Thanks for choosing Joe's Backhoe Service!  
Please note this invoice number with your payment to ensure proper credit. Thank You!

<b>Total</b>	<b>\$13,979.10</b>
--------------	--------------------

received  
05.30.23



**CITY OF KETCHUM**


P.O. Box 2315  
Ketchum ID 83340  
Phone: (208) 726-3841  
Fax: (208) 727-5070

**INVOICE**

Date	Number	Page
06/08/2023	6777	1

**Bill To:** SUN VALLEY WATER & SEWER DISTRICT  
PO BOX 2410  
SUN VALLEY ID 83353

**Customer No.** 385  
**Project:**  
**Terms:** Open Terms  
**Invoice Due Date:** 06/09/2023

Quantity	Description	Unit Price	Net Amount
1	SUN VALLEY WA & SW DISTRICT CHARGE  4-03-40 - 61,445.90 1-69-00 - 19,396.52  APPROVED_  PAID_ _____	80,842.42	80,842.42

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

**Amount** 80,842.42

**Balance Due** 80,842.42

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

**MONTH ENDING: May 2023**

<b>IN FAVOR OF:</b>	<b>STP CHARGE</b>	<b>SUN VALLEY 51.97%</b>
Expenditures (SEE ATTACHED)	\$ 60,102.50	\$ 31,235.27
Payroll	\$ 32,530.64	\$ 16,906.17
Retirement	\$ 3,884.16	\$ 2,018.60
FICA	\$ 2,488.59	\$ 1,293.32
Health Insurance	\$ 17,174.93	\$ 8,925.81
Dental Insurance	\$ 372.67	\$ 193.68
Long Term Disability	\$ 130.48	\$ 67.81
NBS - HRA Admin Fees	\$ 31.96	\$ 16.61
Insurance Admin Fees	\$ -	\$ -
NBS - HRA for 2022	\$ 683.87	\$ 355.41
NBS - Vision HRA for 2022	\$ 263.41	\$ 136.89
Worker's Compensation	\$ 570.19	\$ 296.33
<b>TOTALS</b>	<b>\$ 118,233.39</b>	<b>\$ 61,445.90</b>

<b>KETCHUM%</b>	<b>48.03%</b>
KETCHUM DOLLAR SHARE	\$ 56,787.49
<b>SUN VALLEY%</b>	<b>51.97%</b>
SUN VALLEY DOLLAR SHARE	\$ 61,445.90

<b>Capital Expenditures</b>	<b>Expense</b>	<b>50%</b>
HDR ENGINEERING, INC	\$ 6,784.56	3,392.28
HDR ENGINEERING, INC	\$ 17,889.61	8,944.81
HDR ENGINEERING, INC	\$ 14,118.86	7,059.43
		-
		-
<b>TOTAL</b>	<b>\$ 19,396.52</b>	

**Total Due \$80,842.42**

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
05/23	05/30/2023	90473	A.C. HOUSTON LUMBER CO.	2305-577117	65-4350-6100	22.98 ✓
05/23	05/30/2023	90473	A.C. HOUSTON LUMBER CO.	2305-579788	65-4350-3400	32.69 ✓
05/23	05/30/2023	90473	A.C. HOUSTON LUMBER CO.	2305-580116	65-4350-6100	23.28 ✓
05/23	05/01/2023	90277	ALSCO - AMERICAN LINEN DIVISIO	LBOI2065569	65-4350-3200	24.26 ✓
05/23	05/01/2023	90277	ALSCO - AMERICAN LINEN DIVISIO	LBOI2065570	65-4350-3200	136.40 ✓
05/23	05/01/2023	90278	ANALYTICAL LABORATORIES, INC.	2302085	65-4350-4200	331.32 ✓
05/23	05/15/2023	90386	ANALYTICAL LABORATORIES, INC.	2302819	65-4350-4200	261.51 ✓
05/23	05/01/2023	90282	ATKINSONS' MARKET	04661906	65-4350-3200	41.26 ✓
05/23	05/15/2023	90388	ATKINSONS' MARKET	05660713	65-4350-3200	15.33 ✓
05/23	05/30/2023	90480	ATKINSONS' MARKET	01654178	65-4350-3200	20.44 ✓
05/23	05/15/2023	90389	BECKART ENVIRONMENTAL, INC	86423	65-4350-3800	3,243.60 ✓
05/23	05/15/2023	90389	BECKART ENVIRONMENTAL, INC	86423	65-4350-3800	964.89 ✓
05/23	05/01/2023	90295	CENTURY LINK	2087268953402B 041323	65-4350-5100	71.22 ✓
05/23	05/30/2023	90491	CENTURY LINK	2087268953 402B 051323	65-4350-5100	71.22 ✓
05/23	05/01/2023	90296	CHATEAU DRUG CENTER	2691640	65-4350-3200	5.69 ✓
05/23	05/01/2023	90297	CHRISTENSEN INC.	1018346	65-4350-3500	185.32 ✓
05/23	05/01/2023	90297	CHRISTENSEN INC.	21358	65-4350-3500	75.83 ✓
05/23	05/15/2023	90398	CHRISTENSEN INC.	1019340	65-4350-3500	182.24 ✓
05/23	05/30/2023	90493	CHRISTENSEN INC.	1020375	65-4350-3500	713.73 ✓
05/23	05/30/2023	90494	CINTAS	4155811265	65-4350-3200	129.65 ✓
05/23	05/01/2023	90306	D & B SUPPLY INC.	26842	65-4350-3200	102.97 ✓
05/23	05/30/2023	90508	FIRE SERVICES OF IDAHO	12510905	65-4350-6100	295.00 ✓
05/23	05/30/2023	90511	GEM STATE PAPER & SUPPLY	1095916	65-4350-3200	372.89 ✓
05/23	05/01/2023	90321	GLASS MASTERS, INC.	I-22-3011	65-4350-6100	187.69 ✓
05/23	05/01/2023	90322	GRAINGER, INC., W.W.	9661879966	65-4350-6100	2.64 ✓
05/23	05/23/2023	90163	IDAHO POWER	2202158701 031723	65-4350-5200	12,505.05 - V ✓
05/23	05/23/2023	90163	IDAHO POWER	2202703357 032123	65-4350-5200	106.99 - V ✓
05/23	05/23/2023	90163	IDAHO POWER	2206786259 032123	65-4350-5200	51.62 - V ✓
05/23	05/01/2023	90327	IDAHO POWER	2202158701 041823	65-4350-5200	14,021.63 ✓
05/23	05/01/2023	90327	IDAHO POWER	2202703357 042023	65-4350-5200	111.01 ✓
05/23	05/01/2023	90327	IDAHO POWER	2206786259 042023	65-4350-5200	55.05 ✓
05/23	05/23/2023	90472	IDAHO POWER	2202158701 031723	65-4350-5200	12,505.05 ✓
05/23	05/23/2023	90472	IDAHO POWER	2202703357 032123	65-4350-5200	106.99 ✓
05/23	05/23/2023	90472	IDAHO POWER	2206786259 032123	65-4350-5200	51.62 ✓
05/23	05/30/2023	90518	IDAHO POWER	2202158701 051623	65-4350-5200	11,130.39 ✓
05/23	05/15/2023	90428	INTERMOUNTAIN GAS	32649330001 042423	65-4350-5200	472.64 ✓
05/23	05/15/2023	90428	INTERMOUNTAIN GAS	32649330001 042423	65-4350-5200	611.91 ✓
05/23	05/15/2023	90428	INTERMOUNTAIN GAS	32649330001 042423	65-4350-5200	72.15 ✓
05/23	05/15/2023	90428	INTERMOUNTAIN GAS	32649330001 042423	65-4350-5200	55.32 ✓
05/23	05/15/2023	90428	INTERMOUNTAIN GAS	58208688554 042423	65-4350-5200	24.45 ✓
05/23	05/15/2023	90429	JACK'S TIRE & OIL, INC.	23-0381045-036	65-4350-6000	130.00 ✓
05/23	05/01/2023	90332	KETCHUM COMPUTERS, INC.	19546	65-4350-4200	272.25 ✓
05/23	05/15/2023	90430	KETCHUM COMPUTERS, INC.	19612	65-4350-4200	272.25 ✓
05/23	05/15/2023	90436	MAGIC VALLEY LABS, INC.	27482	65-4350-4200	48.00 ✓
05/23	05/30/2023	90533	MUMMERT, MICK	052523	65-4350-4900	182.09 ✓
05/23	05/01/2023	90343	NAPA AUTO PARTS	143318	65-4350-6000	5.30 ✓
05/23	05/30/2023	90534	NAPA AUTO PARTS	147817	65-4350-6000	74.86 ✓
05/23	05/30/2023	90534	NAPA AUTO PARTS	148002	65-4350-6000	172.67 ✓
05/23	05/30/2023	90534	NAPA AUTO PARTS	148015	65-4350-6000	12.99 ✓
05/23	05/01/2023	90348	NORTHERN SAFETY CO., INC.	905392136	65-4350-3200	43.38 ✓

GL Period	Check Issue Date	Check Number	Payee	Invoice Number	Invoice GL Account	Check Amount
05/23	05/01/2023	90351	PIPECO, INC.	S4943819.001	65-4350-3200	22.68 ✓
05/23	05/30/2023	90540	PIPECO, INC.	S5007281.001	65-4350-6100	16.55 ✓
05/23	05/30/2023	90542	PLATT ELECTRIC SUPPLY	3Z97352	65-4350-6100	105.82 ✓
05/23	05/30/2023	90551	SHERWIN-WILLIAMS CO.	7384-0	65-4350-6100	128.45 ✓
05/23	05/30/2023	90555	STANDARD PLUMBING SUPPLY CO.	NGN096	65-4350-6100	6.71 ✓
05/23	05/15/2023	90454	THATCHER COMPANY, INC.	2023100111614	65-4350-3800	7,777.20 ✓
05/23	05/30/2023	90562	THORNTON HEATING	57286	65-4350-4200	256.00 ✓
05/23	05/01/2023	90367	TREASURE VALLEY COFFEE INC.	2160 09048104	65-4350-3200	70.93 ✓
05/23	05/30/2023	90565	UNIVAR SOLUTIONS USA INC	51155946	65-4350-3800	11,040.00 ✓
05/23	05/30/2023	90565	UNIVAR SOLUTIONS USA INC	51155946	65-4350-3800	99.08 ✓
05/23	05/01/2023	90368	UPS STORE #2444	MMN7FR5Q19DHC	65-4350-3200	14.01 ✓
05/23	05/01/2023	90368	UPS STORE #2444	MMN7FR5SJK1R1	65-4350-3200	14.06 ✓
05/23	05/15/2023	90455	UPS STORE #2444	MMN7FR53SFBRA	65-4350-3200	14.06 ✓
05/23	05/15/2023	90455	UPS STORE #2444	MMN7FR56BKEDU	65-4350-3200	18.39 ✓
05/23	05/30/2023	90566	UPS STORE #2444	MMN7FR5QRBWJA	65-4350-3200	14.01 ✓
05/23	05/30/2023	90566	UPS STORE #2444	MMN7FR5Z1MRHV	65-4350-3200	13.46 ✓
05/23	05/05/2023	230505	US BANK	4026 042523	65-4350-3200	237.24 ✓
05/23	05/05/2023	230505	US BANK	5198 042523	65-4350-6100	185.54 ✓
05/23	05/05/2023	230505	US BANK	5198 042523	65-4350-3200	77.99 ✓
05/23	05/05/2023	230505	US BANK	5198 042523	65-4350-6000	43.55 ✓
05/23	05/05/2023	230505	US BANK	5198 042523	65-4350-3200	19.57 ✓
05/23	05/15/2023	90457	USA BLUEBOOK	328148	65-4350-3200	1,000.77 ✓
05/23	05/15/2023	90457	USA BLUEBOOK	349439	65-4350-6100	678.15 ✓
05/23	05/15/2023	90457	USA BLUEBOOK	352044	65-4350-6100	646.15 ✓
05/23	05/15/2023	90457	USA BLUEBOOK	352434	65-4350-6100	678.15 ✓
05/23	05/30/2023	90567	USA BLUEBOOK	10946	65-4350-6100	3,017.61 ✓
05/23	05/01/2023	90370	VERIZON WIRELESS	9932298219	65-4350-5100	65.97 ✓
05/23	05/30/2023	90569	VERIZON WIRELESS	9934683492	65-4350-5100	65.97 ✓
Grand Totals:					79	60,102.50



**BS& A Software**

14965 Abbey Lane  
 Bath, MI 48808

**INVOICE**


Invoice Number: 147812  
 Invoice Date: Jun 5, 2023  
 Page: 1

Voice: 517-641-8900  
 Fax: 517-641-8960

<b>Bill To:</b>
SUN VALLEY WATER & SEWER DISTRICT PO BOX 2410 SUN VALLEY, ID 83353 BLAINE

Customer iD	Customer PO	Payment Terms	
SUNVALLEYWATER&SEWER		Net 30 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
KEVIN SCHAFER	Regular billing		7/5/23

Quantity	Description	Unit Price	Amount
1.00	General Ledger Cloud SaaS fee	2,520.00	2,520.00
1.00	Accounts Payable Cloud SaaS fee	2,135.00	2,135.00
1.00	Cash Receipting Cloud SaaS fee	2,135.00	2,135.00
1.00	Utility Billing Cloud SaaS fee	1,350.00	1,350.00
1.00	Payroll Cloud SaaS fee	3,455.00	3,455.00
1.00	Timesheets Cloud SaaS fee	1,530.00	1,530.00
1.00	BS&A Online Public Record search	1,500.00	1,500.00
1.00	Cloud Hosting Fee	2,900.00	2,900.00

4-03-41  


Subtotal	17,525.00
Sales Tax	
Total Invoice Amount	17,525.00
Payment/Credit Applied	
<b>TOTAL</b>	<b>17,525.00</b>

Check/Credit Memo No:

06.12.23

## Schedule 1 to Exhibit A

### SaaS Fees

#### Cloud Modules

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##### Financial Management

General Ledger	\$2,520
Accounts Payable	\$2,135
Cash Receipting	\$2,135
Utility Billing ( <i>approximately 1,000 utility accounts</i> )	\$1,350

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##### Personnel Management

Payroll	\$3,455
Timesheets	\$1,530

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##### BS&A Online

Public Records Search + Online Bill Pay <i>With use of integrated Credit Card Processor</i>	\$1,500
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Subtotal **\$14,625**

#### Hosting Fees

*Fees relating to the hosting and storage of data through Microsoft Azure are to be billed annually, for all modules included above*

**\$2,900**

**Sun Valley Water Capital Projects**

**2022-2023 Fiscal Year**

	Beginning Balance FROM 11/30/22	12/31/2022	1/31/2023	2/28/2023	3/31/2023	4/30/2023	5/31/2023	Ending Balance
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**Capital Water Projects**

Forest Service Bldg - New Waterline							\$ 13,979.10	\$ 13,979.10
2023 Meter	\$0.00	\$ 11,700.00						\$ 11,700.00
Well Backup Generator	\$6,387.49							\$ 6,387.49
White Cloud to Gun Club Intertie	\$13,210.46		\$ 2,736.40	\$ 10,225.22	\$ 5,893.88	\$ 6,707.30	\$ 4,094.63	\$ 42,867.89
6 Backpay Way Res Improvements	\$145,800.00							\$ 145,800.00
<b>Total</b>	<b>165,397.95</b>	<b>\$ 11,700.00</b>	<b>\$ 2,736.40</b>	<b>\$ 10,225.22</b>	<b>\$ 5,893.88</b>	<b>\$ 6,707.30</b>	<b>\$ 18,073.73</b>	<b>\$ 220,734.48</b>

GL Acct 1.68

<b>2022/23 CUMULATIVE WATER TOTAL</b>	<b>\$177,097.95</b>	<b>\$179,834.35</b>	<b>\$190,059.57</b>	<b>\$195,953.45</b>	<b>\$202,660.75</b>	<b>\$220,734.48</b>	<b>\$220,734.48</b>
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**Capital Sewer Projects**

Lighting Improvement Efficiency						\$1,213.47		1,213.47
Phase I - Plant Improvements - Blower (Task Order #14)				\$21,899.95	\$7,996.97		\$8,944.81	38,841.73
Phase I - Plant Improvements - Solids Handling (Task Order #15)							\$10,451.71	10,451.71
Paving Project	\$21,751.87							21,751.87
Bobcat (CLOSED)	\$31,687.30	\$3,109.28						34,796.58
<b>Total</b>	<b>\$53,439.17</b>	<b>\$3,109.28</b>	<b>\$0.00</b>	<b>\$21,899.95</b>	<b>\$7,996.97</b>	<b>\$1,213.47</b>	<b>\$19,396.52</b>	<b>\$107,055.36</b>

GL Acct 1.69

<b>2022/23 CUMULATIVE SEWER TOTAL</b>	<b>\$56,548.45</b>	<b>\$56,548.45</b>	<b>\$78,448.40</b>	<b>\$86,445.37</b>	<b>\$87,658.84</b>	<b>\$107,055.36</b>	<b>\$107,055.36</b>
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Monthly Total Water & Sewer	\$218,837.12	14,809.28	2,736.40	32,125.17	13,890.85	7,920.77	37,470.25	\$327,789.84
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<b>2022/23 CUMULATIVE WATER &amp; SEWER TOTAL</b>	<b>\$233,646.40</b>	<b>\$236,382.80</b>	<b>\$268,507.97</b>	<b>\$282,398.82</b>	<b>\$290,319.59</b>	<b>\$327,789.84</b>	<b>\$327,789.84</b>
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# Invoice

Joe's Backhoe Service, Inc.

P.O. Box 54

Richfield, ID 83349

Date	Invoice #
5/28/2023	7423166

Bill To
Sun Valley Water & Sewer* P.O. Box 2410 Sun Valley, ID 83353

Digger953@hotmail.com
-----------------------

Phone #	Fax #
(208) 309-1587	(208) 487-3191

PROJECT	Terms
FOREST SERVICE BUILDING	Due on receipt

DATE	HOURS/QTY	EQUIPMENT	RATE	AMOUNT
4/25/2023	2	INSTALL NEW WATERLINE		
	2	MED. EXCAVATOR	130.00	260.00
	2	VAC TRAILER	250.00	500.00
	3	LABOR	65.00	195.00
4/26/2023	4	MED. EXCAVATOR	130.00	520.00
	6	LABOR	65.00	390.00
	180	180' - BORE	55.00	9,900.00
	130	130' - 1" POLY PIPE	1.25	162.50
	130	130' - TRACER WIRE	0.37	48.10
	1	1 - 1" SPRINKLER TAP	875.00	875.00
	4	4 - 1" BRASS KING NIPPLES	14.00	56.00
	7	7 - 4" PVC PIPE	4.50	31.50
	1	1 - 4" PVC SCREW CAP	11.00	11.00
	3	3 - 1" X 6" BRASS NIPPLES	14.00	42.00
	2	2 - 1" BRASS COUPLINGS	8.00	16.00
	1	1 - LIVE TAP	135.00	135.00
	3.5	DUMP TRUCK	120.00	420.00
	24	24 YARDS OF DIRT & ROCKS - DUMP FEE	3.00	72.00
	1	1 LOAD OF 3/4" WASHED ROCK	345.00	345.00

1-68-00

✓

WE APPRECIATE YOUR BUSINESS! Thanks for choosing Joe's Backhoe Service!  
Please note this invoice number with your payment to ensure proper credit. Thank You!

<b>Total</b>	\$13,979.10
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received  
05 30.23



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 18713  
 P.O. Box 5018713, St. Louis, MO 63150-8713

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

ACH or Wire Transfer:  
 ABA Routing Number: 111000012  
 Bank Account Number: 3750916030  
 Date: 6/9/2023  
 Project No.: D3535904  
 Client No.: 865  
 Invoice No.: 008

INVOICE
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For services from April 29, 2023 through May 26, 2023, for Sun Valley Water & Sewer District Engineering Services.

White Clouds Intertie

**LABOR**

Employee Name	Hours	Bill Rate	Amount
Butterfield, Brent	5.50	\$125.48	\$690.14
Glassey, Corey Lewis	22.50	\$102.89	\$2,315.03
Tolman, Alyce Danielle	6.50	\$167.61	\$1,089.47
Total Labor	34.50		\$4,094.63
Total Amount Due			\$4,094.63

Current Amount	\$4,094.63
Previously Invoiced	\$35,005.51
Total Invoiced	\$39,100.14

1-68-00

*Handwritten mark*

Report Criteria:

Report type: GL detail

Vendor.Name = {NOT LIKE} "DIG LINE"

Invoice Detail.GL Account = "6543507500"-6543508300,"6743506900"-6743507812", "6743507814"-6743508300"

GL Period	Check Issue Date	Check Number	Payee	Invoice Number	Invoice GL Account	Check Amount
05/23	05/15/2023	90422	HDR ENGINEERING, INC.	1200517838	67-4350-7817	6,784.56
05/23	05/15/2023	90422	HDR ENGINEERING, INC.	1200518077	67-4350-7815	17,889.61
05/23	05/30/2023	90515	HDR ENGINEERING, INC.	1200525410	67-4350-7817	14,118.86
Grand Totals:						<u>38,793.03</u>



HDR Engineering, Inc.  
Boise, ID, 83706-6659  
Phone: (208) 387-7000

67-4350-2817  
P.O.# 23056  
MLM  
435004

# Invoice

1917 S. 67th Street  
Omaha, NE 68106-2973

Please send remittance with copy of invoice to:  
P.O. Box 74008202  
Chicago, IL 60674-8202  
ACH/EFT Payments Bank of America ML US  
ABA# 081000032  
Account# 355004076604

To: Mick Mummert  
City of Ketchum-SVWSD  
P.O. Box 2315  
Ketchum, ID 83340

Client: 7024

Invoice No. 1200525410  
Invoice Date May 24, 2023  
Period Ending May 6, 2023  
Project No.:  
10369221 HDR \$14,118.86  
DC Eng \$0.00  
Survey Sub \$0.00

**Due This Invoice \$14,118.86**

HDR Professional Services from: April 2, 2023 - May 6, 2023

Project Name: Ketchum/Sun Valley Water & Sewer District  
Water Reclamation Facility-Solids Handling Preliminary Engineering Report  
Task Order No.: 15

Billing No. 2

**Task 100 Proj Mgmt**

DIRECT LABOR:	Current Hours	Current Amount
Personnel		
Bjerke, Brad	3.00	\$755.52
Jensen, Crystal	0.50	\$84.50
Reed, Cheryl	5.00	\$655.36
Thomas, Kody	1.75	\$192.64
<b>Totals:</b>	<b>10.25</b>	<b>\$1,688.02</b>

**Task 100 Proj Mgmt \$1,688.02**

**Task 200 Solids Handling PER**

DIRECT LABOR:	Current Hours	Current Amount
Personnel		
Bjerke, Brad	30.00	\$7,555.20
Schlect, Tyson	4.00	\$686.59
Sjobert, Eric	3.00	\$391.29
Thomas, Kody	34.50	\$3,797.76
<b>Totals:</b>	<b>71.50</b>	<b>\$12,430.84</b>

**Task 200 Solids Handling PER \$12,430.84**

**TOTAL AMOUNT DUE THIS INVOICE \$14,118.86**



May 24, 2023

Mick Mummert  
City of Ketchum  
P.O. Box 2315  
Ketchum, ID 83340

**Subject:** Ketchum/Sun Valley Water & Sewer District – Water Reclamation Facility  
Solids Handling Preliminary Engineering Report (PER)  
Status Report and Invoice for April 2, 2023 to May 6, 2023

Dear Mr. Mummert:

Enclosed is a copy of our billing for engineering services for the wastewater facility solids handling preliminary engineering report (PER) project. The invoice amount for this period is **\$14,118.86**. Provided below is a summary of the work completed for each task and budget tracking during this billing cycle.

**Task 100 – Project Management**

Activities performed during this invoicing period include:

- Project setup
- Project QC setup
- Staff management
- Kick-off meeting

**Task 200 – Solids Handling PER**

Activities performed in included:

- Developed design criteria
- Contacted screw press providers for equipment selection
- Developed building layout for single vs. dual presses
- Value engineering on Class B digester volume vs. storage only

**Budget Tracking**

A summary of percent spent for the solids handling work is shown below.

- Task 100: Project Management is 19.8% spent, 20% complete.
- Task 200: Solids Handling PER is 22.1% spent, 20% complete.

Total budget is \$96,230.00. Total invoiced to date \$20,903.42.

Contract balance: \$75,326.58





We appreciate the opportunity to assist you with the Ketchum / SVWSD Water Reclamation Facility – Solids Handling PER project. If you have questions or comments, please do not hesitate to call me at 208-387-7073.

Sincerely,

HDR ENGINEERING, INC.

Brad Bjerke, PE  
Project Manager

Enclosure

cc: Pepi Ursillo/Water BG Manager



HDR Engineering, Inc.  
Boise, ID, 83706-6659  
Phone: (208) 387-7000

67-4350-7815  
P.O. # 23037  
MM  
435004

# Invoice

1917 S. 67th Street  
Omaha, NE 68106-2973

Please send remittance with copy of invoice to:  
P.O. Box 74008202  
Chicago, IL 60674-8202  
ACH/EFT Payments Bank of America ML US  
ABA# 081000032  
Account# 355004076604

To: Mick Mummert  
City of Ketchum-SVWSD  
P.O. Box 2315  
Ketchum, ID 83340

Invoice No. 1200518077  
Invoice Date April 25, 2023  
Period Ending March 20, 2023  
Project No.:  
10360008 HDR \$8,085.86  
DC Eng \$9,803.75

Client: 7024

**Due This Invoice \$17,889.61**

HDR Professional Services from: February 26, 2023 - March 20, 2023  
Project Name: Ketchum/Sun Valley Water & Sewer District  
Water Reclamation Facility-Aeration Blowers & MLE Conversion, Ketchum, ID  
Task Order No.: 14  
Billing No. 4

**Task 100 Proj Mgmt**

DIRECT LABOR:	Current Hours	Current Amount
Personnel		
Bjerke, Brad	5.00	\$1,259.20
Harmon, Dan	3.00	\$858.34
Reed, Cheryl	1.25	\$163.84
<b>Totals:</b>	<b>9.25</b>	<b>\$2,281.38</b>
	<b>HDR Total:</b>	<b>\$2,281.38</b>

**SUBCONSULTANTS:**

DC Eng	(With 10% Markup)	\$3,232.64
	<b>Total Subconsultants</b>	<b>\$3,232.64</b>

**Task 100 Proj Mgmt \$5,514.02**

**Task 200 Blower Tech Memo**

DIRECT LABOR:	Current Hours	Current Amount
Personnel		
Thomas, Kody	6.00	\$660.48
<b>Totals:</b>	<b>6.00</b>	<b>\$660.48</b>
	<b>HDR Total:</b>	<b>\$660.48</b>

**SUBCONSULTANTS:**

DC Eng	(With 10% Markup)	\$98.57
	<b>Total Subconsultants</b>	<b>\$98.57</b>

**Task 200 Blower Tech Memo \$759.05**

**Task 300 Blower Procure Pkg**

<b>DIRECT LABOR:</b> Personnel	Current Hours	Current Amount
Bjerke, Brad	13.00	\$3,273.92
Switzer, Jennifer	0.25	\$40.22
Thomas, Kody	4.25	\$467.84
<b>Totals:</b>	<b>17.50</b>	<b>\$3,781.98</b>

HDR Total: \$3,781.98

**SUBCONSULTANTS:**

DC Eng	(With 10% Markup)	\$5,842.12
<b>Total Subconsultants</b>		<b>\$5,842.12</b>

<b>Task 300 Blower Procure Pkg</b>	<b>\$9,624.10</b>
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**Task 400 MLE Tech Memo**

<b>DIRECT LABOR:</b> Personnel	Current Hours	Current Amount
Bjerke, Brad	2.00	\$503.68
Harmon, Dan	3.00	\$858.34
<b>Totals:</b>	<b>5.00</b>	<b>\$1,362.02</b>

HDR Total: \$1,362.02

**SUBCONSULTANTS:**

DC Eng	(With 10% Markup)	\$630.42
<b>Total Subconsultants</b>		<b>\$630.42</b>

<b>Task 400 MLE Tech Memo</b>	<b>\$1,992.44</b>
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<b>TOTAL AMOUNT DUE THIS INVOICE</b>	<b>\$17,889.61</b>
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**Task Summary**

	Invoiced this period	Invoiced Previously	Invoiced To Date	Contract Total	Remaining Budget	
Task 100 Proj Mgmt	\$5,514.02	\$4,285.66	\$9,799.68	\$9,800.00	\$0.32	100.0%
Task 200 Blower Tech Memo	\$759.05	\$17,839.95	\$18,599.00	\$18,600.00	\$1.00	100.0%
Task 300 Blower Procure Pkg	\$9,624.10	\$467.84	\$10,091.94	\$10,100.00	\$8.06	99.9%
Task 400 MLE Tech Memo	\$1,992.44	\$15,300.43	\$17,292.87	\$17,300.00	\$7.13	100.0%
	<b>\$17,889.61</b>	<b>\$37,893.88</b>	<b>\$55,783.49</b>	<b>\$55,800.00</b>	<b>\$16.51</b>	<b>100.0%</b>



April 25, 2023

Mick Mummert  
City of Ketchum  
P.O. Box 2315  
Ketchum, ID 83340

**Subject:** Ketchum/Sun Valley Water & Sewer District – Water Reclamation Facility  
Aeration Blower and MLE Conversion Tech Memos  
Status Report and Invoice for February 26, 2023 to March 20, 2023

Dear Mr. Mummert:

Enclosed is a copy of our final billing for engineering services for the Water Reclamation Facility Aeration Blowers & MLE Conversion technical memorandums (predesign) project during the invoicing period. The invoice for this period is \$17,889.61. Provided below is a summary of the work completed for each task and budget tracking during this billing cycle.

**Task 100 – Project Management**

Activities performed during this invoicing period include:

- Staff management and QC
- Monthly conference calls on plant upgrades
- Monthly invoicing and progress report

**Task 200 – Blower Tech Memo**

Activities performed in included:

- Preparation of the Final Tech Memo and submittal to DEQ

**Task 300 –Blower Procurement Package**

Activities performed in included:

- Preparation of final blower procurement bid spec
- Blowers advertised for bid (bid date in May 2023)

**Task 400 – MLE Tech Memo**

Activities performed in included:

- Preparation of Final Tech Memo and submittal to DEQ

**Budget Tracking**

A summary of percent spent for the Blower and MLE Technical Memorandums work is shown below.

- Task 100: Project Management is 100% spent, 100% complete.
- Task 200: Blower Tech Memo is 100% spent, 100% complete.
- Task 300: Blower Procurement Package is 100% spent, 100% complete.
- Task 400: MLE Tech Memo is 100% spent, 100% complete.



We appreciate the opportunity to assist you with this Ketchum / SVWSD Water Reclamation Facility upgrade project. If you have questions or comments, please do not hesitate to call me at 208-387-7073.

Sincerely,

HDR ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Brad Bjerke'.

Brad Bjerke, PE  
Project Manager

Enclosure

cc: Pepi Ursillo/Water BG Manager



HDR Engineering, Inc.  
Boise, ID, 83706-6659  
Phone: (208) 387-7000

67-4350-7817

P.O. # 23056

MM

435004

# Invoice

1917 S. 67th Street  
Omaha, NE 68106-2973

Please send remittance with copy of invoice to:

P.O. Box 74008202

Chicago, IL 60674-8202

ACH/EFT Payments Bank of America ML US

ABA# 081000032

Account# 355004076604

To: Mick Mummert  
City of Ketchum-SVWSD  
P.O. Box 2315  
Ketchum, ID 83340

Invoice No. 1200517838

Invoice Date April 24, 2023

Period Ending April 1, 2023

Project No.:

10369221 HDR \$6,784.56

DC Eng \$0.00

Survey Sub \$0.00

Client: 7024

**Due This Invoice \$6,784.56**

HDR Professional Services from: Beginning of Project - April 1, 2023

Project Name: Ketchum/Sun Valley Water & Sewer District  
Water Reclamation Facility-Solids Handling Preliminary Engineering Report

Task Order No.: 15

Billing No. 1

### Task 100 Proj Mgmt

DIRECT LABOR:	Current Hours	Current Amount
Personnel		
Bjerke, Brad	3.00	\$755.52
Reed, Cheryl	2.75	\$360.44
<b>Totals:</b>	<b>5.75</b>	<b>\$1,115.96</b>

**Task 100 Proj Mgmt \$1,115.96**

### Task 200 Solids Handling PER

DIRECT LABOR:	Current Hours	Current Amount
Personnel		
Bjerke, Brad	20.00	\$5,036.80
Sjoberg, Eric	4.00	\$521.72
Thomas, Kody	1.00	\$110.08
<b>Totals:</b>	<b>25.00</b>	<b>\$5,668.60</b>

**Task 200 Solids Handling PER \$5,668.60**

**TOTAL AMOUNT DUE THIS INVOICE \$6,784.56**

### Task Summary

	Invoiced this period	Invoiced Previously	Invoiced To Date	Contract Total	Remaining Budget	
Task 100 Proj Mgmt	\$1,115.96	\$0.00	\$1,115.96	\$14,160.00	\$13,044.04	7.9%
Task 200 Solids Handling PER	\$5,668.60	\$0.00	\$5,668.60	\$82,070.00	\$76,401.40	6.9%
	<b>\$6,784.56</b>	<b>\$0.00</b>	<b>\$6,784.56</b>	<b>\$96,230.00</b>	<b>\$89,445.44</b>	<b>7.1%</b>



April 24, 2023

Mick Mummert  
City of Ketchum  
P.O. Box 2315  
Ketchum, ID 83340

**Subject:** Ketchum/Sun Valley Water & Sewer District – Water Reclamation Facility  
Solids Handling Preliminary Engineering Report (PER)  
Status Report and Invoice for Beginning of Project through April 1, 2023

Dear Mr. Mummert:

Enclosed is a copy of our billing for engineering services for the wastewater facility solids handling preliminary engineering report project. The invoice amount for this period is \$6,784.56. Provided below is a summary of the work completed for each task and budget tracking during this billing cycle.

**Task 100 – Project Management**

Activities performed during this invoicing period include:

- Project setup
- Project QC setup
- Staff management

**Task 200 – Solids Handling PER**

Activities performed in included:

- Review of FPS concepts and layouts
- Review of including thickener in design
- Work on building architectural elevations
- Determining survey needs

**Budget Tracking**

A summary of percent spent for the solids handling work is shown below.

- Task 100: Project Management is 7.9% spent, 10% complete.
- Task 200: Solids Handling PER is 6.9% spent, 5% complete.

Total budget is \$96,230.00. Total invoiced to date \$6,784.56.

Contract balance: \$89,445.44



We appreciate the opportunity to assist you with the Ketchum / SVWSD Water Reclamation Facility – Solids Handling PER project. If you have questions or comments, please do not hesitate to call me at 208-387-7073.

Sincerely,

HDR ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Brad Bjerke'.

Brad Bjerke, PE  
Project Manager

Enclosure

cc: Pepi Ursillo/Water BG Manager



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	051823-WIS	REIMBURSEMENT - AA F	1	05/18/2023	88.37	.00	88.37	17519	05/18/2023
		052523 MO'B	PERSONNEL TRAINING -	1	05/25/2023	18.64	.00	18.64	17523	05/26/2023
		06082023	CREW LUNCH REIMBUR	1	06/08/2023	130.57	.00	130.57	17526	06/14/2023
		215371582 -	OP SUP - 1 PR SHOES	1	05/17/2023	141.70	.00	141.70	17517	05/18/2023
Total 35:						379.28	.00	379.28		
70	Banyan Technology Inc.	21008	CONSULTING - GOOGLE	1	05/03/2023	2,775.28	.00	2,775.28	17500	05/15/2023
		21008	SCADA R/M - SOFTWARE	2	05/03/2023	380.00	.00	380.00	17500	05/15/2023
		21008	WATER R/M - WELL 11 RE	3	05/03/2023	1,678.72	.00	1,678.72	17500	05/15/2023
Total 70:						4,834.00	.00	4,834.00		
90	Benson, Chris	033123	HEALTH INS EXP APR M	1	03/31/2023	220.46	.00	220.46	17501	05/15/2023
Total 90:						220.46	.00	220.46		
126	BOISE OFFICE EQUIPME	IN3430270	EXCESS USAGE QUART	1	05/02/2023	322.44	.00	322.44	17502	05/15/2023
		IN3430270	EXCESS USAGE QUART	2	05/02/2023	22.82	.00	22.82	17502	05/15/2023
Total 126:						345.26	.00	345.26		
175	CASELLE INC.	124545	CONTRACT SUPPORT-6/	1	05/01/2023	630.00	.00	630.00	5152302	05/15/2023
Total 175:						630.00	.00	630.00		
185	Chateau Drug	2696997	JANITORIAL -PAPER TO	1	05/10/2023	29.97	.00	29.97	17504	05/15/2023
Total 185:						29.97	.00	29.97		
190	Clear Creek Disposal	0001620563	MONTHLY CONTAINER R	1	04/27/2023	1.00	.00	1.00	17505	05/15/2023
Total 190:						1.00	.00	1.00		
220	COX BUSINESS SERVICE	051323	INTERNET SERVICE- MA	1	05/13/2023	119.00	.00	119.00	5242301	05/24/2023
Total 220:						119.00	.00	119.00		
237	Data Tel Communications	35703	OFFICE EQ R/M - DATATE	1	04/27/2023	118.75	.00	118.75	17506	05/15/2023
Total 237:						118.75	.00	118.75		
270	Dig Line Inc	0071342-IN	DUES & SUBSCRIPTIONS	1	04/03/2023	100.98	.00	100.98	17507	05/15/2023
Total 270:						100.98	.00	100.98		
430	Idaho Power	05252023	SYSTEM UTILITIES-WHIT	1	05/25/2023	936.19	.00	936.19	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-BACK	2	05/25/2023	11.18	.00	11.18	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-LOT 1	3	05/25/2023	5.28	.00	5.28	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-SAGE	4	05/25/2023	157.87	.00	157.87	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	5	05/25/2023	893.47	.00	893.47	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-SAGE	6	05/25/2023	8.69	.00	8.69	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-SKYL	7	05/25/2023	10.95	.00	10.95	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-ELKH	8	05/25/2023	29.93	.00	29.93	20000001	06/07/2023

Vendor Number	Name	Invoice Number	Description	Seq	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
		05252023	SYSTEM UTILITIES-REUS	9	05/25/2023	812.01	.00	812.01	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	10	05/25/2023	435.82	.00	435.82	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	11	05/25/2023	4,005.26	.00	4,005.26	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	12	05/25/2023	147.78	.00	147.78	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	13	05/25/2023	164.99	.00	164.99	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-MCH	14	05/25/2023	128.42	.00	128.42	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-ST LU	15	05/25/2023	79.09	.00	79.09	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-LANE	16	05/25/2023	121.25	.00	121.25	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	17	05/25/2023	711.48	.00	711.48	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-DOLL	18	05/25/2023	8.95	.00	8.95	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WHIT	19	05/25/2023	7.70	.00	7.70	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-SKYL	20	05/25/2023	75.58	.00	75.58	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-DOLL	21	05/25/2023	1,445.82	.00	1,445.82	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-HQ	22	05/25/2023	327.75	.00	327.75	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-SUN	23	05/25/2023	34.63	.00	34.63	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-SAGE	24	05/25/2023	222.52	.00	222.52	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	25	05/25/2023	1,139.33	.00	1,139.33	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	26	05/25/2023	150.55	.00	150.55	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	27	05/25/2023	623.26	.00	623.26	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	28	05/25/2023	10.43	.00	10.43	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	29	05/25/2023	391.64	.00	391.64	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-WELL	30	05/25/2023	72.05	.00	72.05	20000001	06/07/2023
		05252023	SYSTEM UTILITIES-DOLL	31	05/25/2023	34.56	.00	34.56	20000001	06/07/2023
		05252023	SYSTEM UTILITIES SUN	32	05/25/2023	7.45	.00	7.45	20000001	06/07/2023
<b>Total 430:</b>						<b>13,211.88</b>	<b>.00</b>	<b>13,211.88</b>		
460	Intermountain Gas Co	052423	SYSTEM UTILITIES-WELL	1	05/24/2023	11.28	.00	11.28	20000002	06/07/2023
		052423	SYSTEM UTILITIES-SAGE	2	05/24/2023	23.55	.00	23.55	20000002	06/07/2023
		052423	SYSTEM UTILITIES - 49 L	3	05/24/2023	130.82	.00	130.82	20000002	06/07/2023
		052423	SYSTEM UTILITIES-WHIT	4	05/24/2023	14.37	.00	14.37	20000002	06/07/2023
		052423	SYSTEM UTILITIES-WELL	5	05/24/2023	11.28	.00	11.28	20000002	06/07/2023
		052423	SYSTEM UTILITIES-WELL	6	05/24/2023	23.55	.00	23.55	20000002	06/07/2023
		052423	SYSTEM UTILITIES-MCH	7	05/24/2023	12.17	.00	12.17	20000002	06/07/2023
		052423	SYSTEM UTILITIES-LANE	8	05/24/2023	18.04	.00	18.04	20000002	06/07/2023
		052423	SYSTEM UTILITIES-1001	9	05/24/2023	90.48	.00	90.48	20000002	06/07/2023
<b>Total 460:</b>						<b>335.54</b>	<b>.00</b>	<b>335.54</b>		
515	Ketchum, City of	6629	KSTP OPERATINGS/APR	1	05/10/2023	38,130.35	.00	38,130.35	17510	05/15/2023
		6629	CAPITAL EXP-LIGHTINT I	2	05/10/2023	606.74	.00	606.74	17510	05/15/2023
<b>Total 515:</b>						<b>38,737.09</b>	<b>.00</b>	<b>38,737.09</b>		
575	Magic Valley Labs, Inc	27557	H2O TEST FEES/APRIL	1	04/26/2023	120.00	.00	120.00	17511	05/15/2023
<b>Total 575:</b>						<b>120.00</b>	<b>.00</b>	<b>120.00</b>		
636	NEUNER, ANDY	A271989025	OP SUP - SHOES AN	1	05/22/2023	134.99	.00	134.99	17522	05/23/2023
<b>Total 636:</b>						<b>134.99</b>	<b>.00</b>	<b>134.99</b>		
710	CENTURY LINK	050123	TELEPHONE EXP/MAY	1	05/01/2023	392.90	.00	392.90	17503	05/15/2023
		060123	TELEPHONE EXP/JUNE	1	06/01/2023	402.90	.00	402.90	17527	06/13/2023
<b>Total 710:</b>						<b>795.80</b>	<b>.00</b>	<b>795.80</b>		

Check issue dates: 5/15/2023 - 6/19/2023

Jun 16, 2023 12:30PM

Vendor Number	Name	Invoice Number	Description	Seq	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
735	River Run Auto Parts	6538-190295	WATER R/M - DOLLAR G	1	05/11/2023	519.90	.00	519.90	17512	05/15/2023
Total 735:						519.90	.00	519.90		
816	STANDARD PLUMBING S	TVTP83	BLDG R/M - 2 X 3 (3) & 2	1	04/27/2023	91.80	.00	91.80	17513	05/15/2023
		TVTP83	WD40 LUBRICANT	2	04/27/2023	5.99	.00	5.99	17513	05/15/2023
Total 816:						97.79	.00	97.79		
915	Christensen Inc. dba Unite	1020455	GAS & OIL EXPENSE-TH	1	05/15/2023	500.26	.00	500.26	17518	05/18/2023
		1021511	GAS & OIL EXPENSE-TH	1	05/31/2023	714.34	.00	714.34	17525	06/13/2023
Total 915:						1,214.60	.00	1,214.60		
935	USA Blue Book	323022	WATER R/M - HD HAND C	1	04/06/2023	744.28	.00	744.28	17515	05/15/2023
		325810	WATER R/M - 3/8 TUBE (4	1	04/10/2023	538.51	.00	538.51	17515	05/15/2023
Total 935:						1,282.79	.00	1,282.79		
975	Verizon Wireless	9935417711	CELL PHONES- APR 22 -	1	05/21/2023	71.50	.00	71.50	20000003	06/07/2023
Total 975:						71.50	.00	71.50		
1035	Wells Fargo Payment Remi	051223	MINOR EQUIPMENT SAL	1	05/12/2023	22.29-	.00	22.29-	5242302	05/24/2023
		051223	JANITORIAL - SALES TAX	2	05/12/2023	1.80-	.00	1.80-	5242302	05/24/2023
		051223	OFC SUP - BILLING PAP	3	05/12/2023	1,963.70	.00	1,963.70	5242302	05/24/2023
		051223	PERSONNEL TRAINING -	4	05/12/2023	286.55	.00	286.55	5242302	05/24/2023
		051223	DUES/SUBSCRIPTIONS -	5	05/12/2023	75.99	.00	75.99	5242302	05/24/2023
		051223	TM&E- WISEGUY & SMO	6	05/12/2023	142.74	.00	142.74	5242302	05/24/2023
Total 1035:						2,444.89	.00	2,444.89		
1108	EideBailly LLP	E101501114	AUDIT PROGRESS BILLI	1	04/24/2023	17,100.00	.00	17,100.00	17508	05/15/2023
Total 1108:						17,100.00	.00	17,100.00		
1126	JACOBS ENGINEERING	D3535901-02	CONSULTING - APRIL	1	05/05/2023	4,883.13	.00	4,883.13	17509	05/15/2023
		D3535903-00	WATER R/M - ALTITUDE V	1	05/05/2023	1,575.69	.00	1,575.69	17509	05/15/2023
		D3535904-00	WIP - WC INTERTIE	1	05/05/2023	6,707.30	.00	6,707.30	17509	05/15/2023
Total 1126:						13,166.12	.00	13,166.12		
1129	AT&T MOBILITY	2873098460	SCADA R/M - AT&T FIRST	1	04/23/2023	1,420.32	.00	1,420.32	5152301	05/15/2023
		2873098460	SCADA R/M - ATT	1	05/23/2023	1,420.32	.00	1,420.32	20000000	06/07/2023
Total 1129:						2,840.64	.00	2,840.64		
1149	STANGER CONSULTING	3	STUDIES - RATE STUDY	1	05/04/2023	9,000.00	.00	9,000.00	17514	05/15/2023
Total 1149:						9,000.00	.00	9,000.00		
Grand Totals:						107,852.23	.00	107,852.23		

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Vendor Number	Name	Invoice Number	Description	Seq	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
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Report Criteria:

Detail report type printed

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Report Criteria:

Check Issue Date	Payee	Employee Number	Reference Number	Check Number	M	Gross	Expense	FICA	FWT	SWT	Deductions	Net	D	Info	F/T
<b>05/07/2023</b>															
<b>PC</b>															
05/11/2023	Anderson, Anthony F.	3	1	5112301		2,936.00	40.00	224.60-	241.86-	79.00-	210.22-	2,220.32-	D		.00
05/11/2023	Benson, Christopher N.	4	2	5112302		3,353.60	40.00	248.90-	209.74-	65.00-	730.12-	2,139.84-	D		.00
05/11/2023	MARY ELIZABETH COLLIN	48	3	5112307		2,936.00	40.00	213.13-	240.79-	90.00-	653.82-	1,778.26-	D		.00
05/11/2023	Neuner, Andrew J.	5	4	5112303		2,959.60	40.00	224.88-	355.39-	119.00-	321.91-	1,978.42-	D		.00
05/11/2023	Larkin, Chance M.	9	6	5112305		3,000.00	40.00	228.74-	385.64-	128.00-	224.80-	2,072.82-	D		.00
05/11/2023	McMahon, Patrick J.	7	7	5112304		5,404.70	.00	413.46-	913.85-	265.00-	337.38-	3,475.01-	D		.00
05/11/2023	Parker, Jeanene	46	8	5112306		2,764.00	40.00	200.12-	152.24-	64.00-	395.97-	1,991.67-	D		.00
<b>Total PC:</b>		<b>122</b>				<b>23,353.90</b>	<b>240.00</b>	<b>1,753.83-</b>	<b>2,499.51-</b>	<b>810.00-</b>	<b>2,874.22-</b>	<b>15,656.34-</b>			<b>.00</b>
			<b>7</b>	<b>7</b>											

PC Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	278.00	.00	Direct Deposit Net	15,656.34-	D	Informational	.00
2-00	Overtime Pay	10.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	70.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	6.00	.00					
6-00	On Call	.00	14.00					
9-01	Comp Time Ear	13.00	.00					
9-02	Comp Time Use	2.00	.00					
<b>Totals:</b>		<b>379.00</b>	<b>14.00</b>		<b>15,656.34-</b>			<b>.00</b>

<b>Total 05/07/2023:</b>		<b>122</b>			<b>23,353.90</b>	<b>240.00</b>	<b>1,753.83-</b>	<b>2,499.51-</b>	<b>810.00-</b>	<b>2,874.22-</b>	<b>15,656.34-</b>			<b>.00</b>
			<b>7</b>	<b>7</b>										

05/07/2023 Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	278.00	.00	Direct Deposit Net	15,656.34-	D	Informational	.00

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
2-00	Overtime Pay	10.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	70.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	6.00	.00					
6-00	On Call	.00	14.00					
9-01	Comp Time Ear	13.00	.00					
9-02	Comp Time Use	2.00	.00					
<b>Totals:</b>		<u>379.00</u>	<u>14.00</u>		<u>15,656.34</u>			<u>.00</u>

Grand Totals:	122		23,353.90	240.00	1,753.83-	2,499.51-	810.00-	2,874.22-	15,656.34-	00
		7	7							

Grand Totals Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	278.00	.00	Direct Deposit Net	15,656.34-	D	Informational	.00
2-00	Overtime Pay	10.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	70.00	.00				Fringe Benefit	.00
4-01	Sick Leave Pay	6.00	.00					
6-00	On Call	.00	14.00					
9-01	Comp Time Ear	13.00	.00					
9-02	Comp Time Use	2.00	.00					
Totals:		379.00	14.00		15,656.34-			.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
<b>05/21/2023</b>															
<b>PC</b>															
05/25/2023	Anderson, Anthony F.	3	1	5232301		4,021.85	.00	307.67-	362.84-	139.00-	287.96-	2,924.38-	D		.00
05/25/2023	Benson, Christopher N.	4	2	5232302		3,153.60	.00	233.60-	187.46-	54.00-	715.80-	1,962.74-	D		.00
05/25/2023	Neuner, Andrew J.	5	3	5232303		2,609.60	.00	198.11-	283.90-	100.00-	296.85-	1,730.74-	D		.00
05/25/2023	Parker, Jeanene	46	4	5232306		2,764.00	.00	200.12-	152.24-	64.00-	395.97-	1,951.67-	D		.00
05/25/2023	MARY ELIZABETH COLLIN	48	5	5232307		3,386.00	.00	247.55-	322.80-	113.00-	731.04-	1,971.61-	D		.00
05/25/2023	McMahon, Patrick J.	7	6	5232304		4,712.00	.00	360.46-	747.60-	224.00-	337.38-	3,042.56-	D		.00
05/25/2023	Larkin, Chance M.	9	7	5232305		2,400.00	.00	182.84-	263.09-	94.00-	181.84-	1,678.23-	D		.00
<b>Total PC:</b>		<b>122</b>				<b>23,047.05</b>	<b>.00</b>	<b>1,730.35-</b>	<b>2,319.93-</b>	<b>788.00-</b>	<b>2,946.84-</b>	<b>15,261.93-</b>			<b>.00</b>
			<b>7</b>	<b>7</b>											

PC Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	248.00	.00	Direct Deposit Net	15,261.93-	D	Informational	.00
2-00	Overtime Pay	17.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	74.00	.00				Fringe Benefit	.00
6-00	On Call	.00	12.00					
9-01	Comp Time Ear	6.00	.00					
<b>Totals:</b>		<b>345.00</b>	<b>12.00</b>		<b>15,261.93-</b>			<b>.00</b>

<b>Total 05/21/2023:</b>		<b>122</b>			<b>23,047.05</b>	<b>.00</b>	<b>1,730.35-</b>	<b>2,319.93-</b>	<b>788.00-</b>	<b>2,946.84-</b>	<b>15,261.93-</b>			<b>.00</b>
			<b>7</b>	<b>7</b>										

05/21/2023 Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	248.00	.00	Direct Deposit Net	15,261.93-	D	Informational	.00
2-00	Overtime Pay	17.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	74.00	.00				Fringe Benefit	.00



PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
6-00	On Call	.00	12.00					
9-01	Comp Time Ear	6.00	.00					
Totals:		<u>345.00</u>	<u>12.00</u>		<u>15,261.93-</u>			<u>.00</u>

Grand Totals:	122		23,047.05	.00	1,730.35-	2,319.93-	788.00-	2,946.84-	15,261.93-	.00
		7		7						

Grand Totals Hours Units Types Summary

PC	Pay Code Title	Hours	Units	Net Type	Amount	D	Info Type	Amount
1-00	Regular Pay	248.00	.00	Direct Deposit Net	15,261.93-	D	Informational	.00
2-00	Overtime Pay	17.00	.00	Net	.00		Info Tips Reported	.00
3-01	Vacation Pay	74.00	.00				Fringe Benefit	.00
6-00	On Call	.00	12.00					
9-01	Comp Time Ear	6.00	.00					
<b>Totals</b>		<b>345.00</b>	<b>12.00</b>		<b>15,261.93-</b>			<b>.00</b>



Prepared For	SUN VALLEY WATER PJ MCMAHON
Account Number	[REDACTED]
Statement Closing Date	05/12/23
Days in Billing Cycle	30
Next Statement Date	06/12/23

For Customer Service Call:  
800-225-5935

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

Credit Line	\$9,000
Available Credit	\$6,479

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

### Payment Information

New Balance	\$2,444.89
Current Payment Due (Minimum Payment)	\$48.00
Current Payment Due Date	06/07/23

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		\$718.45
Credits	-	\$24.09
Payments	-	\$718.45
Purchases & Other Charges	+	\$2,468.98
Cash Advances	+	\$0.00
Finance Charges	+	\$0.00
New Balance	=	\$2,444.89

40234 - (22.29)  
 4.02.38 - (1.80)  
 4.02.31 - 1963.70  
 4.03.49 - 286.55  
 4.03.48 - 75.99  
 4.03.47 - 142.74

APPROVED  
 PAID *Shup*

### 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	23.240%	06367%	\$0.00	\$0.00	\$0.00	\$0.00
CASH ADVANCES	28.990%	07942%	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL				\$0.00	\$0.00	\$0.00

### Important Information

Effective 6/30/23 we will no longer be offering SUPERCHECKS. Please destroy any SUPERCHECKS you may have in your possession. Any SUPERCHECKS that are pending prior to that date will be honored. If your Business Card account is still open, other means of accessing cash will not change.

received  
 05.17.23

See reverse side for important information.



### Transaction Details

Trans	Post	Reference Number	Description	Credits	Charges
04/17	04/17	24137463B8R3L0QT1	USPS.COM STAMP FLMNT SVCS800-782-6724 MO		1 894.20
04/18	04/18	24013393Q01SMGZSF	SMOKY MOUNTAIN PIZZA & PA KETCHUM ID		69.78
04/27	04/27	24707803N0VZH6QXR	WISEGUY PIZZA PIE - KETC KETCHUM ID		72.96
04/30	04/30	24011343R0016456V	ZOOM.US 888-799-9666 WWW ZOOM US CA		15.99
05/01	05/01	24692163T33PA0K5D	GOOGLE *GSUITE_svwsd.o cc@google.com CA		60.00
05/01	05/01	74856203S0A9GMTYX	ONLINE PAYMENT	718.45	
05/03	05/03	24207853V91HHQJFJ	BUSINESS AS USUAL KETCHUM ID		69.50
05/03	05/03	24559303VS66JX22W	1WUA 208-3446690 ID		286.55
05/04	05/04	74692163W366845W4	WWW COSTCO COM 800-955-2292 WA	1.80	
05/05	05/05	74692163X2XGH24BL	WWW COSTCO COM 800-955-2292 WA	22.29	

### 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 5/12/2023**

<b>DATE</b>	<b>AMT</b>	<b>ACCT</b>
5-May	-22.29	MINOR EQUIPMENT SALES TAX REFUND
4-May	-1.80	JANATORIAL SUPPLIES SALES TAX REFUND
2-Mar	69.50	OFFICE SUPPLIES - BILLING PAPER
3-May	286.55	EMPLOYEE TRAINING
1-May	60.00	DUES / SUBSCRIPTIONS
30-Apr	15.99	DUES / SUBSCRIPTIONS
27-Apr	72.96	TME - Crew Lunch
18-Apr	69.78	TME - Crew Lunch
17-Apr	1,894.20	OFFICE SUPPLIES - STAMPED ENVELOPES
<b>TOTAL</b>	<b>\$2,444.89</b>	

**SVWSD WELLS FARGO VISA STATEMENT**

COSTCO  
COSTCO  
BUSINESS AS USUAL  
IWUA  
GOOGLE G-SUITE  
Zoom  
Wiseguy Pizza  
Smokey Mt Pizza  
USPS

# Change Request

BS&A Software, LLC | bsasoftware.com | 855 BSASOFT

Customer: Sun Valley Water & Sewer District, Blain County ID

Prepared By: Kevin Schafer, Account Executive

Change #	2	Date Submitted	6/15/2023
		Date Required	6/15/2023
Module/Area Affected	Cloud Financial Management		
Description	Additional Training		

No.	Changed Deliverable	Reason or Description	Net Change in Cost
1	Additional Training Needed for Budget and Utility Billing	4 days @ \$1,000/day	\$4,000
2	Add Related Travel Expenses		\$2,105
Total Net Changes			\$6,105.00

**BS&A Software, LLC**

**Customer**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_



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

	May			Total
	SV	Elkhorn	ReUse	
<b>2007</b>	<b>48,236,700</b>	<b>107,159,500</b>	-	155,396,200
<b>2008</b>	37,629,200	21,018,300	-	58,647,500
<b>2009</b>	33,436,600	71,481,200	-	104,917,800
<b>2010</b>	23,739,600	55,065,400	-	78,805,000
<b>2011</b>	26,567,900	46,557,500	-	73,125,400
<b>2012</b>	42,440,600	86,373,800	-	128,814,400
<b>2013</b>	41,550,480	90,031,600	-	131,582,080
<b>2014</b>	45,371,520	100,598,300	-	145,969,820
<b>2015</b>	35,452,900	59,473,300	-	94,926,200
<b>2016</b>	31,568,100	63,990,300	-	95,558,400
<b>2017</b>	30,472,000	45,082,000	4,410,000	79,964,000
<b>2018</b>	37,763,800	56,546,600	4,410,000	98,720,400
<b>2019</b>	29,694,400	49,832,400	5,761,000	85,287,800
<b>2020</b>	40,547,000	87,887,400	8,757,000	137,191,400
<b>2021</b>	36,210,000	68,512,700	12,055,000	116,777,700
<b>2022</b>	30,155,400	42,487,600	7,638,000	80,281,000
<b>2023</b>	<b>30,926,900</b>	<b>41,896,400</b>	<b>1,726,000</b>	<b>74,549,300</b>
<b>Avg</b>	35,397,829	64,352,606	581,260	102,383,200



**Sewer Flow Readings**

Month	Jan-23	Feb-23	Mar-23	Apr-23	May-23
<b>Elkhorn Side Sewer Reading</b>					
current meter reading*	665,456	671,025	678,138	687,934	699,929
previous meter	<u>660,343</u>	<u>665,456</u>	<u>671,025</u>	<u>678,138</u>	<u>687,934</u>
subtracted TOTAL	5,113	5,569	7,113	9,796	11,995
TOTAL Multiplied by 1000	<b>5,113,000</b>	<b>5,569,000</b>	<b>7,113,000</b>	<b>9,796,000</b>	<b>11,995,000</b>
<b>Sun Valley Side Sewer Reading</b>					
current meter reading*	275,729	284,865	294,651	305,968	322,512
previous meter	<u>265,053</u>	<u>275,729</u>	<u>284,865</u>	<u>294,651</u>	<u>305,968</u>
subtracted TOTAL	10,676	9,136	9,786	11,317	16,544
Total Multiplied by 1000	<b>10,676,000</b>	<b>9,136,000</b>	<b>9,786,000</b>	<b>11,317,000</b>	<b>16,544,000</b>
ELKHORN TOTAL	5,113,000	5,569,000	7,113,000	9,796,000	11,995,000
SUN VALLEY TOTAL	10,676,000	9,136,000	9,786,000	11,317,000	16,544,000
<b>SVW&amp;S TOTAL</b>	<b>15,789,000</b>	<b>14,705,000</b>	<b>16,899,000</b>	<b>21,113,000</b>	<b>28,539,000</b>
<b>KETCHUM TOTAL</b>	<b>19,955,000</b>	<b>18,264,000</b>	<b>19,094,000</b>	<b>26,148,000</b>	<b>70,234,000</b>
<b>PLANT TOTAL</b>	<b>35,744,000</b>	<b>32,969,000</b>	<b>35,993,000</b>	<b>47,261,000</b>	<b>98,773,000</b>
<b>SVW &amp; S PERCENTAGE</b>	<b>44.17%</b>	<b>44.60%</b>	<b>46.95%</b>	<b>44.67%</b>	<b>51.97%</b>
<b>KETCHUM PERCENTAGE</b>	<b>55.83%</b>	<b>55.40%</b>	<b>53.05%</b>	<b>55.33%</b>	<b>48.03%</b>

\* Note - special adjustment due to meter malfunction

**Ketchum**

**Influent Flow**

current meter reading*	10,886,365	10,916,148	10,948,676	10,992,629	11,086,359
previous meter	<u>10,854,096</u>	<u>10,886,365</u>	<u>10,916,148</u>	<u>10,948,676</u>	<u>10,992,629</u>
subtracted TOTAL	32,269	29,783	32,528	43,953	93,730
TOTAL Multiplied by 1000	<b>32,269,000</b>	<b>29,783,000</b>	<b>32,528,000</b>	<b>43,953,000</b>	<b>93,730,000</b>

**Effluent Flow Meter Reading**

current meter reading*	8,847,591	8,880,560	8,916,553	8,963,814	9,062,587
previous meter	<u>8,811,847</u>	<u>8,847,591</u>	<u>8,880,560</u>	<u>8,916,553</u>	<u>8,963,814</u>
subtracted TOTAL	35,744	32,969	35,993	47,261	98,773
Total Multiplied by 1000	<b>35,744,000</b>	<b>32,969,000</b>	<b>35,993,000</b>	<b>47,261,000</b>	<b>98,773,000</b>

**Reuse Flow Meter Reading**

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

**Plant Water Meter Reading**

current meter reading*	84,083	84,791	85,616	86,395	87,227
previous meter	<u>83,510</u>	<u>84,083</u>	<u>84,791</u>	<u>85,616</u>	<u>86,395</u>
subtracted TOTAL	573	708	825	779	832
Total Multiplied by 1000	<b>573,000</b>	<b>708,000</b>	<b>825,000</b>	<b>779,000</b>	<b>832,000</b>

**Sewer Flow Readings**

Month	May-23	May-22	May-21	May-20	May-19	May-18	May-17	May-16	May-15	Total	Average
<b>Elkhorn Side Sewer Reading</b>											
current meter reading*	699,929	617,976	539,407	484,087	422,901	370,595	301,013	173,672	115,601		
previous meter	<u>687,934</u>	<u>610,565</u>	<u>534,757</u>	<u>478,781</u>	<u>415,768</u>	<u>364,918</u>	<u>280,526</u>	<u>169,255</u>	<u>110,814</u>		
subtracted TOTAL	11,995	7,411	4,650	5,306	7,133	5,677	20,487	4,417	4,787	71,863	7,985
TOTAL Multiplied by 1000	11,995,000	7,411,000	4,650,000	5,306,000	7,133,000	5,677,000	20,487,000	4,417,000	4,787,000	71,863,000	7,984,778
<b>Sun Valley Side Sewer Reading</b>											
current meter reading*	322,512	187,816	40,681	902,494	757,221	597,262	447,957	290,699	145,621		
previous meter	<u>305,968</u>	<u>173,975</u>	<u>26,035</u>	<u>889,885</u>	<u>741,757</u>	<u>580,549</u>	<u>434,636</u>	<u>277,190</u>	<u>133,162</u>		
subtracted TOTAL	16,544	13,841	14,646	12,609	15,464	16,713	13,321	13,509	12,459	129,106	14,345
Total Multiplied by 1000	16,544,000	13,841,000	14,646,000	12,609,000	15,464,000	16,713,000	13,321,000	13,509,000	12,459,000	129,106,000	14,345,111
ELKHORN TOTAL	11,995,000	7,411,000	4,650,000	5,306,000	7,133,000	5,677,000	20,487,000	4,417,000	4,787,000	71,863,000	7,984,778
SUN VALLEY TOTAL	16,544,000	13,841,000	14,646,000	12,609,000	15,464,000	16,713,000	13,321,000	13,509,000	12,459,000	129,106,000	14,345,111
<b>SVW&amp;S TOTAL</b>	28,539,000	21,252,000	19,296,000	17,915,000	22,597,000	22,390,000	33,808,000	17,926,000	17,246,000	200,969,000	22,329,889
<b>KETCHUM TOTAL</b>	70,234,000	19,639,000	16,735,000	21,241,000	31,930,000	26,409,000	51,898,000	20,304,000	18,480,000	276,870,000	30,763,333
<b>PLANT TOTAL</b>	98,773,000	40,891,000	36,031,000	39,156,000	54,527,000	48,799,000	85,706,000	38,230,000	35,726,000	477,839,000	53,093,222
<b>SVW&amp;S PERCENTAGE</b>	28.89%	51.97%	45.86%	45.75%	41.44%	45.88%	39.45%	46.89%	48.27%	394.41%	43.82%
<b>KETCHUM PERCENTAGE</b>	71.11%	48.03%	54.14%	54.25%	58.56%	54.12%	60.55%	53.11%	51.73%	505.59%	56.18%
		<u>used:</u>									
		51.97									
		48.03									

<b>Ketchum</b>											
<b>Influent Flow</b>											
current meter reading*	11,086,359	10,621,402	10,233,212	9,835,475	9,402,437	8,956,795	8,498,332	7,964,105	7,572,956		
previous meter	<u>10,992,629</u>	<u>10,582,681</u>	<u>10,198,788</u>	<u>9,798,163</u>	<u>9,348,816</u>	<u>8,908,673</u>	<u>8,414,734</u>	<u>7,927,846</u>	<u>7,538,701</u>		
subtracted TOTAL	93,730	38,721	34,424	37,312	53,621	48,122	83,598	36,259	34,255	460,042	51,116
TOTAL Multiplied by 1000	93,730,000	38,721,000	34,424,000	37,312,000	53,621,000	48,122,000	83,598,000	36,259,000	34,255,000	460,042,000	51,115,778
<b>Effluent Flow Meter Reading</b>											
current meter reading*	9,062,587	8,559,580	8,138,284	7,716,056	7,256,275	6,769,201	6,299,046	5,744,981	5,333,496		
previous meter	<u>8,963,814</u>	<u>8,518,689</u>	<u>8,102,253</u>	<u>7,676,900</u>	<u>7,201,748</u>	<u>6,720,402</u>	<u>6,213,340</u>	<u>5,706,751</u>	<u>5,297,770</u>		
subtracted TOTAL	98,773	40,891	36,031	39,156	54,527	48,799	85,706	38,230	35,726	477,839	53,093
Total Multiplied by 1000	98,773,000	40,891,000	36,031,000	39,156,000	54,527,000	48,799,000	85,706,000	38,230,000	35,726,000	477,839,000	53,093,222
<b>Reuse Flow Meter Reading</b>											
current meter reading*	719,541	631,982	514,328	618,414	502,455	405,671	313,446	210,605	119,970		
previous meter	<u>719,541</u>	<u>620,339</u>	<u>496,329</u>	<u>601,500</u>	<u>495,241</u>	<u>396,284</u>	<u>305,918</u>	<u>206,906</u>	<u>110,256</u>		
subtracted TOTAL	0	11,643	17,999	16,914	7,214	9,387	7,528	3,699	9,714	84,098	9,344
TOTAL Multiplied by 1000	0	11,643,000	17,999,000	16,914,000	7,214,000	9,387,000	7,528,000	3,699,000	9,714,000	84,098,000	9,344,222
<b>Plant Water Meter Reading</b>											
current meter reading*	87,227	79,748	74,309	69,459	64,851	59,051	54,490	49,807	45,234		
previous meter	<u>86,395</u>	<u>79,203</u>	<u>73,783</u>	<u>68,942</u>	<u>64,365</u>	<u>58,606</u>	<u>54,054</u>	<u>49,440</u>	<u>44,848</u>		
subtracted TOTAL	832	545	526	517	486	445	436	367	386	4,540	504
Total Multiplied by 1000	832,000	545,000	526,000	517,000	486,000	445,000	436,000	367,000	386,000	4,540,000	504,444





City of Ketchum

June 20, 2023

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

Members of the Board and General Manager:

**Recommendation to Approve Purchase of Two Positive Displacement Blowers for the Wastewater Reclamation Facility**

Recommendation and Summary

Staff is recommending the Board approve the purchase of two positive displacement blowers for the activated sludge aeration process improvements at the City of Ketchum and Sun Valley Water & Sewer District Wastewater Reclamation Facility and adopt the following motion:

*"I move to approve the purchase of two positive displacement blower packages from Aerzen USA Corp. for a not to exceed amount of \$205,788.00."*

The reasons for the recommendation are as follows:

- Aeration basin blower upgrades and additions are part of the current Capital Improvement Plan project.
- The bid amount of \$205,788.00 is lower than the budgetary estimated cost of \$225,000.00 for the blowers.

Analysis

Summary of Procurement Process:

Bidder	Bid Price
Aerzen USA Corp.	\$205,788.00
Invitation to bid was advertised April 26 and May 3 in the Idaho Mountain Express and on the City of Ketchum website. Bid closing date was May 17.	
No other bids were received.	

Sustainability

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

- Modern, energy efficient equipment will reduce energy consumption.
- The corresponding treatment process modification design will reduce the amount of energy required by the process by approximately 15%.

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:

Aerzen USA Proposal

Engineer's Recommendation

Notice of Award for Procurement Contracts



**AERZEN**

# Proposal

City of Ketchum, ID

SVWSD WRF - Blowers

May 17, 2023

**Manufacturer/Service/Parts**

**Aerzen USA Corp.  
108 Independence Way  
Coatesville, PA 19320  
800-444-1692 (tel)  
610-380-0278 (fax)  
[www.aerzen.com/en-us](http://www.aerzen.com/en-us)**



**AERZEN**

Compressed air, gas  
and vacuum solutions

Aerzen USA  
108 Independence Way  
Coatesville, PA 19320 USA

Telephone: (610) 380-0244  
Fax: (610) 380-0278  
[www.aerzen.com/en-us](http://www.aerzen.com/en-us)

## Qualification Letter

Thank you for the opportunity to provide a proposal for Hybrid Blower packages for the SVWSD WRF project.

Aerzen is a family-owned private company that was founded in 1864 in Aerzen, Germany. Aerzen manufactured the first European positive displacement blower in 1868 and has been manufacturing screw compressors since 1943. Aerzen was one of the first ISO 9001 certified companies in the world and has maintained that certification since 1990. To ensure consistent quality throughout the world, all of our positive displacement blowers and screw compressor stages are manufactured in Germany in a 2,000,000 sq. ft. manufacturing facility.

Aerzen USA is one of more than 40 subsidiary companies of Aerzen. Aerzen USA is the Technical Competency Center for all of the Americas with headquarters in a LEED Gold 40,000 sq. ft manufacturing facility in Coatesville, PA which houses a workshop, warehouse, sales, support, and engineering. Aerzen also has a nationwide sales and service network including sales and service offices in Houston, TX, Romeoville, IL, Benecia, CA, and Atlanta, GA; Aerzen also has a rental facility in Atlanta, GA to serve our customers throughout the United States with rental equipment for low pressure applications.

Aerzen support for this project will be directed from the USA headquarters in Coatesville, PA. Project management, engineering and fabrication will be coordinated here. Personnel involved in this project from the headquarters will include an Aerzen Project Manager (to be assigned at time of order), various engineers (including mechanical, electrical, controls, testing, and applications), and production personnel. In addition to headquarters, Aerzen's local office in Benecia, CA, will continue their involvement in the project to ensure timely deliverables and local support as the project approaches the installation phase. At that point, Aerzen's local service manager and service coordinator will be introduced for planning equipment installation, start-up & commissioning, training, and any hand-off coordination between the contractor and owner as needed. Throughout the life of the project, Aerzen's Regional Sales Manager will continue direct involvement in order to support design and document compliance, production schedules, and field service support.

**SECTION 00 41 13**  
**PROCUREMENT BID FORM**  
**Ketchum / SVWSD WRF Equipment Procurement – Blowers**  
**Ketchum / SVWSD**

It is the intent of the Buyer to award a contract to the lowest responsive, responsible bidder on the basis of the lump sum total price written below.

The Bidder hereby certifies that the costs for all labor, services, equipment, tools, materials, licenses, permits, fees, and taxes (unless exempt) necessary for furnishing the Goods and Special Services according to the Project Manual are included in the price(s) for the items shown herein.

1. Bid Item Description:

This section, in general, describes the bid items included in the Bid Schedule. The description of Bid Items is provided for clarity purposes only. It is not intended to replace, supersede, or preclude any information in the plans and specifications. Unless specified otherwise, all lump sum Bid Items will be paid as shown in the Agreement Between Buyer and Seller. Descriptions of the project Bid Items are provided below:

**Bid Item No. A: Blowers.** This lump sum Bid Item includes furnishing of goods and special services consisting of supply of two (2) packaged twisted tri-lobe positive displacement blowers (commonly referred to as hybrid blowers) with sound-attenuating enclosures for the aeration of an activated sludge wastewater treatment system. Blower shall supply 2,500 SCFM (3,310 ICFM), 7.5 PSIG differential discharge pressure, system discharge pressure 7.0 PSIG, relief valve setting 8.0 PSIG, with blower speed 3,600 RPM, inlet temperature 90°F, maximum free field noise level outside the enclosure shall be 77 dBA (+/- 2 dBA). Each blower shall consist of a 10-inch intake filter flange mounted on a rigid one-piece cast iron blower casing with precision machined twisted tri-lobe impellers, flexible blower discharge connection, 10-inch discharge silencer, weighted relief valve, discharge pressure gauge, discharge check valve, blower and motor mounting frame, 150-horsepower high-efficiency variable frequency drive (VFD) rated motor (motor non-overloading at relief valve pressure setting and 90°F), adjustable motor base, and belt guard all contained within a sound-attenuating enclosure. All system components delivered to the project site fully assembled (freight included in bid price). Special Services shall include: installation certification, operations and maintenance manuals, start-up services and training of Buyer’s personnel.

2. Bid Schedule:

BID ITEM NO.	DESCRIPTION	UNIT	EST QTY	UNIT PRICE	BID PRICE
A	<b>Blowers</b>	Lump Sum	1	-	\$ <b>205,788</b>

Total Contract Bid Price for Item A

**Two hundred, five thousand, seven hundred and eighty eight dollars**

(use words)

3. Lowest Responsive BIDDER:

Determination of the lowest responsive BIDDER will be based on the lump sum price meeting the specification requirements.



4. Completion:

BIDDER agrees that the Goods will be furnished and Special Services will be substantially completed and ready for final payment in accordance with Paragraph 10.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement Between Buyer and Seller.

BIDDER accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement Between Buyer and Seller.

**Dated:** \_\_\_\_\_ May 10, 2023 \_\_\_\_\_

**Name of Business:** \_\_\_\_\_ Aerzen USA Corp \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_  \_\_\_\_\_

**Name:** \_\_\_\_\_ Kurt Erickson \_\_\_\_\_

**Title:** \_\_\_\_\_ Vice President & General Manager \_\_\_\_\_

**SECTION 00 41 13.01**

**BID PROPOSAL**

For

**Ketchum / SVWSD WRF Equipment Procurement – Blowers**

**Ketchum / SVWSD**

**Aerzen USA Corp.**

**From: 108 Independence Way, Coatesville, PA 19320**

**To: Ketchum / SVWSD Water Reclamation Facility,  
110 River Ranch Road, Ketchum, Idaho 83340**

The undersigned, as Bidder, declares that we have received and examined the Project Manual for the **Ketchum / SVWSD WRF Equipment Procurement – Blowers** that we are well-qualified to supply the Goods and Special Services, that we are familiar with the Goods and Special Services, applicable federal, state, and local laws, ordinances, rules, and regulations, and conditions affecting cost, progress, or performance of the Goods and Special Services, and have made such independent investigations as Bidder deems necessary.

We acknowledge that the Project Manual provides the contract requirements, the general conditions of the contract, the technical specifications, as well as the referenced federal, state, and local laws, ordinances, rules, and regulations.

We acknowledge that addenda numbers 1 through 1 have been received and have been examined as part of the Project Manual.

We acknowledge that this price includes the following completed documents: Bid Proposal, and Procurement Bid Form.

The undersigned, as Bidder, proposes and agrees that if this bid is accepted we will contract with the City of Ketchum and Sun Valley Water and Sewer District (Ketchum / SVWSD), hereinafter referred to as Buyer, on the form of Agreement Between Buyer and Seller provided herewith to furnish the Goods and Special Services according to the Contract Documents with all terms and conditions contained therein. We agree to sign the Agreement Between Buyer and Seller without qualification and to furnish the performance and payment bonds and the required evidence of insurance within fifteen (15) calendar days after receiving written Notice to Proceed for the contract.

We further propose and agree, if our bid is accepted and a contract for furnishing the Goods and Special Services is entered into with the Buyer, to plan the furnishing and to prosecute it with such diligence that the Goods and Special Services shall be completely furnished within the time stipulated, and to accept as full payment the bid price(s) written in the following Procurement Bid Form.

We agree that this Bid Proposal constitutes an offer, which shall be binding on the undersigned for sixty (60) days from the date of this Bid Proposal.

The party by whom this proposal is submitted and by whom the contract will be entered into in case the award is made to him:

Bidder (State whether business is a Corporation, a Partnership, or an Individual)

AERZEN USA CORP, a CORPORATION

Bidder's Address:

State of Incorporation:

108 INDEPENDENCE WAY  
COATESVILLE, PA 19320

OHIO

Corporate Address:

SAME AS ABOVE

Bidder's Phone Number: 610-380-0244

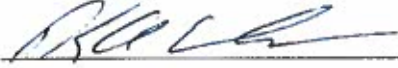
Bidder's Fax Number: 610-380-0278

Bidder's E-mail Address: tom.mccurdy@aerzen.com

Dated: May 10, 2023

(SEAL)

Signature:



Kurt Erickson  
Vice President & General Manager  
Aerzen USA Corp



Name of Authorizing Official, City of Ketchum:

Name of Authorizing Official, Sun Valley Water and Sewer District:

\_\_\_\_\_

\_\_\_\_\_

Title:

Title:

\_\_\_\_\_

\_\_\_\_\_

Attested By:

Attested By:

\_\_\_\_\_

\_\_\_\_\_

Title:

Title:

\_\_\_\_\_

\_\_\_\_\_

**END OF SECTION**

**SECTION 00 41 13.02  
BIDDER'S CHECKLIST**

This Bidder's Checklist is offered to the prospective bidder as a means of checking the Bidder's Bid Proposal in order to ensure that a complete Bid is submitted, free from omissions and errors that could possibly lead to rejection of the Bid. This checklist is provided only as a convenience for Bidders and is not intended to be a detailed or complete listing of all actions and documents that may be required. Bidders are advised to carefully read all portions of the Project Manual and to comply with all requirements.

**BID PROPOSAL**

- 1. Have questions arising from the Project Manual been submitted to the proper authority and resolved in the proper manner?
- 2. Are all blank spaces filled out on Bid Proposal, including required signatures?
- 3. Have all Addenda been received, factored into the bid price, and acknowledged on the Bid Proposal?

**PROCUREMENT BID FORM**

- 4. Is bid price shown correctly including totals? Recheck for errors and omissions. Total lump sum bids must be shown in words and figures.
- 5. Are all required signatures included?

**BIDDER QUALIFICATION**

- 6. Is the written evidence of Bidder's qualifications to furnish Goods and Special Services included in the bid package?

**BID PACKAGE SUBMITTAL**

- 7. Are all required Bid Forms ready for delivery in either electronic or hard-copy to the specified authority prior to the time for the Bid Opening?

**END OF SECTION**

**AERZEN USA CORPORATION**

108 Independence Way  
 Coatesville, PA 19320  
 Tel. (610) 380-0244 ♦ Fax. (610) 380-0278



**AERZEN Reference Number:** ENV-235602.0

16-May-23

Re: Ketchum, ID

<p><b>To:</b> Trent Donat                  Firm - City of Ketchum                  email - tdonat@ketchumidaho.org                  phone - (208) 726-3841</p>
<p><b>AERZEN Representative Info:</b>                  Name - Scott Forsling of Coombs-Hopkins Company                  e-mail - scott@coombshopkins.com                  phone - (435) 659-7199</p>

<p><b>AERZEN Proposal Prepared By:</b>                  Name - Dan Coleman                  email - dan.coleman@aerzen.com                  phone - (484) 718-3607</p>
<p><b>AERZEN Regional Manager:</b>                  Name - Tom McCurdy                  e-mail - tom.mccurdy@aerzen.com                  phone - (610) 656-1683</p>

Thank you for the opportunity to bid this project for (2) Positive Displacement Blower Packages.

The Aerzen Blower Package Performance and Scope of Supply meet the intent of the specification. Aerzen meets or exceeds the requirements for flow range, power, and noise levels.

Instrumentation as specified below, is part of this scope of supply.

**Hybrid**

**Model: D 98 S DN 250**

**Performance Data:**

**Design**

Intake volume, handled at intake condition	cfm	3,380	959
Volume handled at normal condition	scfm	2,500	710
Mass flow	lb/h	11,596	3,294
Density at inlet conditions	lb/cf	0.057	0.057
Relative humidity	Φ	95%	95%
Intake pressure (abs.)	psia	11.9	11.9
Outlet pressure (abs.)	psia	19.4	19.4
Discharge pressure	psig	7.5	7.5
Intake temperature	°F	90	90
Discharge temperature	°F	208	216
Power consumption at coupling	bHP	127	37
Motor Rating	HP	150	
Motor Speed	RPM	3,570	1,263
Full load motor efficiency	%	95.0%	
Motor frame		445TS	
Tolerance on flow & power	± 5 %		
Sound pressure level w/o enclosure	dB(A)	103	
Sound pressure level w/ enclosure	dB(A)	76	

\*Measured in free field at 3ft. distance from the outline of the unit

\*does not include system piping noise (tol. ± 2 dB(A)).

**Weights & Dimensions:**

Inlet connection	ANSI Flange	12"
Discharge connection	ANSI Flange	10"
Blower torso weight	lbs.	4,855
Blower motor weight	lbs.	1,709
Blower pkg weight	lbs.	6,564
Envelope dim.*	L x W x H in.	87 x 75 x 93
460 VAC Cooling Fan	kW	0.38
AERtronic	kW	0.2

\* non binding dimensions includes, inlet filter silencer, relief valve, check valve, and flex connector

## **AERZEN USA CORPORATION**

108 Independence Way

Coatesville, PA 19320

Tel. (610) 380-0244 ♦ Fax. (610) 380-0278



# **AERZEN**

### **D 98 S DN 250**

Aerzen Delta Hybrid Blower Package consists of the following components, assembled in our factory.

#### **Aerzen Rotary Lobe Compressor D Series**

- Narrow V-belt drive
- V-belt drive guard
- First fill of Delta Lube 06 oil
- Service Accessories
- Inlet filter-silencer, G4 per EN 779 (equivalent to MERV 7)
- Discharge Silencer, Reactive type, integrated with base frame
- Spring loaded pressure relief valve(s), sized for full flow
- Set of vibration isolating mounts
- Discharge manifold with externally accessible integrated check valve
- Hinged motor support as automatic belt tensioning device
- Sound enclosure, powder-coated galvanized steel, fire retardant HDP foam construction
- 10" ANSI Flanged discharge connection
- Simplified ISO-1217, Annex B test report(s)
- Factory set relief valve
- Blower Warranty 24/30
- Domestic packaging

#### **Drive motor**

- Motor 150 HP, 2-pole, NEMA, TEFC, 460 V / 60 Hz, NEMA Premium Efficiency, 445TS
- Motor thermostats, one per phase @ 155 deg C
- Routine motor test data
- Insulated drive-end motor bearing
- Motor shaft grounding ring
- Motor Warranty 3-Yr Motor

#### **Instrumentation and Controls**

- AERtronic Controls local control panel
- Configured for VFD use
- Ethernet IP communication protocol
- 460V Supply Power
- Aertronic vibration monitoring module
- E-stop button
- Aertronic UL508A wiring
- AERtronic vibration monitoring of blower case, X/Y plane with time delay, alarm, & fault function

#### **Spare Parts (per unit)**

- Set of 1 spare air filter(s)
- Set of 1 spare belt set(s)
- Set of 2 spare oil filter(s)
- spare sheave set
- 1 quart of touch up paint

#### **Start Up & Services**

- 1 trip(s), 2 day(s) total installation, startup, & training

#### **Freight**

- Freight to jobsite

**AERZEN USA CORPORATION**

108 Independence Way

Coatesville, PA 19320

Tel. (610) 380-0244 ♦ Fax. (610) 380-0278



**AERZEN**

Price does not include any tax or VAT.

**Delivery Terms: CIP Aerzen USA Coatesville, PA**

**General Terms: This offer is subject to Aerzen Standard Terms and Conditions (AMUSA.08.22.001)**

**Payment Terms: Net 30 days, 20% of order value from date of accepted purchase order. 30% of order value upon release for production for material procurement. 50% of order value from date of readiness to ship.**

**Submittals: 4-6 weeks after receipt of purchase order**

**Delivery Time: presently approximately 26 weeks after technical release by customer.**

**Warranty: 24 months after start up, 30 months after delivery, whichever comes first.**

\*Maintenance must be performed per the Instruction Manual using Aerzen spare parts.

\*Equipment not manufactured by Aerzen will carry the manufacturer's standard warranty.

**Quote Validity: All prices and lead times quoted are valid for 60 days from the date stated on the quotation.**

## AERZEN USA CORPORATION

108 Independence Way

Coatesville, PA 19320

Tel. (610) 380-0244 ♦ Fax. (610) 380-0278



# AERZEN

### Aerzen USA Corp Terms and Conditions of Sale New Equipment Packages

AERZEN USA CORP (hereinafter called "Seller") agrees to sell equipment (hereinafter called the "Goods") to the Purchaser (hereinafter called the "Buyer") on the following terms and conditions of sale. Any alteration of these terms and conditions shall have no force or effect unless agreed to in writing by an officer of Seller or such other authorized signatory of Seller as designated in writing by Seller.

The terms and conditions as set forth herein and our quotation or as modified by written agreement shall constitute the entire agreement (hereinafter called the "Agreement") between Seller and Buyer. A failure by either party to enforce any rights under this Agreement shall not be deemed to constitute a waiver of those or any other rights under this Agreement. These Terms and Conditions of Sale shall be deemed accepted by Buyer upon Seller's receipt of Purchase Order from Buyer. No condition stated by Buyer shall be binding upon Seller if in conflict with, inconsistent with, or in addition to the Terms and Conditions of Sale, unless expressly accepted in a writing signed by Seller. In the event of conflict or differences in the terms or conditions of Buyer's Purchase Order and the Terms and Conditions of Sale herein, the Terms and Conditions of Sale shall govern.

1. **ORDERS:** All orders are subject to acceptance and approval by Seller's credit department and are not binding until and unless so approved and accepted. Written acknowledgement of an order shall constitute acceptance and will thereby be a binding contract which cannot be modified or cancelled by Buyer without written consent of Seller.

2. **PRICES AND PAYMENTS:** All prices are quoted and payable in U.S. dollars, unless otherwise noted. Quoted prices shall remain valid for thirty days unless written communication is received by Seller prior to such time. Seller reserves the right to restrict or modify the terms of payment or to require payment prior to shipment if, in Seller's opinion, the Buyer's financial condition or other circumstances do not warrant shipment on the terms originally specified in the Agreement.

Unless expressly agreed to in writing on a specific contract or order, pending satisfactory credit review, Seller standard payment terms are: (a) For orders under \$100,000 the payment terms shall be Net 30 days from date of shipment, with no retainage held. (b) For orders over \$100,000 the following terms shall apply, assuming satisfactory credit review: 20% of order value from date of accepted purchase order, 30% of order value upon release for production for material procurement, 50% of order value at readiness to ship. (c) All invoices are to be paid Net 30 days. (d) In those cases where progress payments are required, all work on the order will cease if payment is not received in accordance with the payment schedule. (e) Payment retention will not be allowed. In the instance where an invoice is disputed, all undisputed portions remain payable within Net 30 days terms. (f) Interest at the rate of one and one-half percent (1 1/2%) per month or at the highest rate allowed by law, whichever is less, shall be charged to all overdue accounts. Buyer will reimburse Seller for all costs and expenses (including attorney's fees and the costs of bringing any action) incurred in collecting any amounts past due.

3. **TAXES:** The prices quoted do not include any taxes. Any sales tax, use tax, excise tax, goods, and service tax (GST), value added tax (VAT), customs tax, or other tax of any nature whatsoever imposed by any government authority on the transaction between Seller and Buyer (plus interest and penalties thereon, if any) shall be paid by the Buyer in addition to the prices quoted and invoiced. In the event that Seller is required to pay any such taxes, Buyer shall reimburse Seller on demand. At the time of an order, Buyer shall provide Seller with any tax exemption certificates or other documents acceptable to the taxing or customs authorities.

4. **LIABILITY:** Seller's liability with respect to the Goods sold hereunder shall be limited to the warranty provided in Section 10 of these Terms and Conditions and shall be limited to the contract price. In no event shall Seller be liable for special, indirect, incidental, consequential or punitive damages, or expenses incurred by Buyer, Buyer's customers or any third party, whether arising from breach of contract, warranty, negligence, strict liability in tort or other theories of law or equity, including, but not limited to, liquidated damages, loss of profits or revenue, loss of use, cost of capital, cost of substitutes, downtime, service interruption, or any other type of economic loss.

5. **SHIPPING OR SERVICE DATE:** Shipping or service dates are estimates and not a guarantee of a particular day of shipment or service. Seller shall not be liable in any way for any default or delay in shipping or service due to contingencies beyond its control which prevent or interfere with Seller making delivery or providing service on the date specified, including, but not limited to, war, restraints affecting shipping, delivery of materials or credit as a result of war or war restrictions, non-arrival, delay or failure to procure materials as a result of war or war restrictions, rationing of fuel, strikes, lockouts, fires, bombings, terrorism, accidents, floods, droughts, cyber-attacks, and any other contingency affecting Seller, its suppliers, or subcontractors; and Seller shall have the right to cancel a contract of sale or to extend the shipping or service date in the event that one or more of such contingencies prevents or delays shipment or service.

#### 6. DELIVERY:

- a. **Title and Risk of Loss:** All products will be delivered EXW Aerzen, Coatesville, PA unless otherwise agreed by both parties in writing. In no event shall Seller be liable for any delay in delivery or assume any liability in connection with shipment, nor shall the carrier be deemed an agent of Seller.
- b. **Acceptance of Products:** Buyer shall inspect all products promptly upon receipt. All claims by Buyer, except only those provided for under Warranty clauses, which are not asserted in writing by Buyer within five (5) days of receipt are waived.
- c. **Delays by Buyer:** In the event that Goods cannot be shipped to Buyer when ready due to any cause not attributable to Seller, upon notice to Buyer, Seller may ship such Goods to storage. If such Goods are placed in storage, including storage at the facility where manufactured, the following conditions shall apply: (i) all risk of loss or damage shall thereupon pass to Buyer; (ii) title shall transfer to Buyer; (iii) any amounts otherwise payable to Seller upon delivery shall be payable upon presentation of Seller's invoice; (iv) the Goods shall be deemed as shipped and the warranty time period shall commence; (v) all expenses incurred by Seller, such as preparation for and placement into storage, handling, inspection, preservation, insurance, storage and removal charges, and any taxes shall be payable by Buyer; and (vi) when conditions permit and upon payment of all amounts due hereunder, Seller shall resume delivery of Goods to the originally agreed point of delivery.
- d. **Delays in Inspection:** In the event that Goods cannot be shipped to Buyer when ready due to delay of Buyer's in-person inspection, upon notice to Buyer, such delay shall constitute a waiver of Buyer's rights of in-person inspection and rejection and an acceptance by Buyer of an inspection report, as determined and compiled at Seller's sole discretion. Such acceptance shall be in addition to the remedies for Delays by Buyer outlined herein.
- e. **Partial Shipment:** Partial shipment of an order will not be made without Buyer's knowledge or consent. In the event a complete shipment cannot be made by the required date, Buyer will be promptly notified. If partial shipment with Buyer's approval is made, excess freight charges, if any, will be billed to the Buyer.

7. **CANCELLATION, POSTPONEMENT OR CHANGE ORDERS:** Orders are not subject to Buyer's cancellation, postponement, or change in specifications, shipping schedules, or other conditions originally agreed upon without Seller's written consent and then only upon agreement to compensate Seller for any or all losses caused by such cancellation, postponement, or changes. Cancellation charges of between twenty percent (20%) and one hundred percent (100%) of the total price of the contract will be invoiced, as determined at Seller's sole discretion, depending on the status of completion plus Seller's non-recoverable costs attributed to the Buyer's order.

If Seller's manufacturing is delayed or postponed by Buyer, Seller shall be entitled to an equitable price adjustment. If Buyer delay extends for more than ninety (90) days and the parties have not agreed upon a revised basis for continuing the work at the end of the delay, including adjustment of the price, then upon written notice, Seller may terminate the order whereupon Buyer shall promptly pay Seller its cancellation charges as described herein.

Seller may terminate the Agreement without liability to Buyer if (i) Buyer shall materially breach any of the terms and conditions of this Agreement and shall fail to cure such material breach within five (5) days after written notice from Seller; or (ii) Buyer shall become insolvent; or (iii) a petition under the Bankruptcy Act or any other insolvency law shall be filed by or against Buyer; or (iv) Buyer shall make assignment for the benefit of creditors; or (v) Buyer shall fail to make timely payment of any obligation owed by it to Seller; or (vi) in the event Seller reasonably believes that Buyer is unable to make full and prompt payment as required hereunder.

Buyer agrees that it shall, no later than thirty (30) days following the effective date of termination of this Agreement, pay all monies owed to Seller at the time of any such termination regardless of any terms of payment that may have otherwise been granted to Buyer by Seller. Seller shall not be reason of its termination of this Agreement in accordance with the terms hereof, be liable to Buyer for compensation or reimbursement of any damages on account of loss of profits or prospective profits on anticipated sales, or on commitments in connection with the business or goodwill of Buyer or otherwise or for direct, indirect, punitive, special, consequential, or liquidated damages.

8. **LIMITED WARRANTY:** Unless otherwise stated in Seller's quotation, Seller warrants the products and parts that it manufactures will be free from defect in materials and workmanship for twenty-four (24) months from the date of start-up, but not to exceed thirty (30) months from the date of readiness to ship. Performance warranties (if any) are limited to those specifically included in Seller's proposal and identified as such. Goods (including accessories, components, and parts thereof) furnished by Seller but manufactured by others is not warranted by Seller and such Goods shall carry the warranty (if any) which the manufacturer has conveyed to Seller to the extent it can be passed on to the Buyer. Seller shall, upon prompt written notice by the Buyer, correct such non-conformities, at Seller's option, by either repair or replacement. All such defective Goods shall follow the RMA policy set forth in clause 10, and be sent at Buyer's expense directly to Seller's headquarters located at 108 Independence Way, Coatesville, PA, USA, 19320 or an Authorized Service Center. Shipment of repaired or replacement Goods will be at Seller's expense. Seller warrants any Goods repaired or replaced pursuant to the above warranty to be free from defects in materials and workmanship for the longer of: (a) a period of ninety (90) days after the start-up of such repaired or replaced Goods or (b) the period remaining on the warranty.

Goods must be maintained per Seller's Operations and Maintenance manual, including proper maintenance documentation, for the warranty to remain valid.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL, OR IMPLIED, INCLUDING ANY WARRANTY OF PERFORMANCE, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO REPRESENTATION, CONDITION OR WARRANTY, INCLUDING, BUT NOT LIMITED TO, STATEMENTS OF CAPACITY, SUITABILITY FOR USE, OR PERFORMANCE, WHETHER MADE BY SELLER, EMPLOYEES OR REPRESENTATIVE PERSONNEL, SHALL BE



**AERZEN USA CORPORATION**

108 Independence Way

Coatesville, PA 19320

Tel. (610) 380-0244 ♦ Fax. (610) 380-0278



**AERZEN**

- CONSIDERED TO BE A WARRANTY BY SELLER FOR ANY PURPOSE OR GIVE RISE TO ANY LIABILITY OF SELLER WHATSOEVER AND ALL SUCH IMPLIED WARRANTIES ARE HEREBY DISCLAIMED BY SELLER AND EXCLUDED FROM ANY CONTRACT RESULTING OR ARISING FROM OR OTHERWISE EVIDENCED BY THIS AGREEMENT. Failure to notify Seller in writing within five (5) days of discovery of any unsatisfactory operation, improper maintenance or installation shall terminate this Warranty. The above warranties do not apply to products which are (a) repaired, modified or altered by any party other than Seller or Seller's Authorized Service Center; (b) subjected to unusual physical, thermal, or electrical stresses, corrosion or erosion, improper installation, improper grounding, improper maintenance, lack of lubrication, misuse, abuse, accident or negligence in use, improper storage, transportation or handling, or (c) considered a consumable item or an item requiring repair or replacement due to normal wear and tear. SELLER SHALL NOT BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES WHICH MAY ARISE UNDER THIS CONTRACT WHETHER SUCH LIABILITY IS IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, AND IN NO CASE SHALL SELLER'S LIABILITY EXCEED THE PRICE OF THE NONCONFORMING GOODS.
9. NONCONFORMING GOODS: Any rejection of nonconforming Goods must be made by the Buyer within five (5) days of delivery and Buyer must give written notice to Seller within that period. Such notice shall contain a description of the alleged non-conformity. Upon receipt of such notification, Seller will arrange for the return of the Goods, at Seller's expense, and upon confirmation of the nonconformity, Seller, at Seller's expense, will ship conforming Goods to Buyer.
10. RETURNS AND REPAIRS: When Goods are returned for repair, the Buyer must contact Seller's customer support department for shipping instructions and a Return Material Authorization (RMA). Buyer must ship product in original packaging or equivalent, with the RMA clearly marked on the outside of the package, freight prepaid. Seller shall not be responsible for any damage occurring in transit or obligated to accept products returned without RMA. Buyer bears all risk of loss or damage to the returned product until delivery at Seller's designated facility. Any return shipment received by Seller without an RMA or whose contents are not received in their original condition, may be reshipped by Seller freight collect to Buyer. The RMA supersedes any implied return authorization whether oral or in writing that does not include an RMA.
11. RETURNS FOR CREDIT: No returns for credit will be accepted unless Seller's written permission has been obtained in each case in advance, pursuant to clause 10.
12. APPLICABLE LAWS: This Agreement and the respective rights and obligations of the Buyer and Seller with regard hereto shall be governed by and construed according to the laws of the Commonwealth of Pennsylvania, without regard to the principles of conflicts of law thereof.
13. NOTICE: Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be sent to Aerzen USA, 108 Independence Way, Coatesville, PA, 19320
14. ASSIGNMENT: Neither party may assign or transfer this Agreement without the prior written consent of the other party.
15. CONFIDENTIAL INFORMATION: Any design specifications, manufacturing drawings, technical data or other information or materials submitted to Buyer and identified by Seller as confidential are and shall remain the exclusive property of Seller. Buyer agrees to treat such information as confidential and shall not reproduce or disclose such information without the express prior written consent of Seller.
16. WAIVER OF SUBROGATION: Buyer agrees to waive any and all subrogation rights towards Seller.
17. DATA USE: The Goods may include data monitoring services. The data received by Seller may be used by Seller and certain third-party distributors and contractors for the sole purposes of increasing overall customer service and determining claims of warrantability. Seller will use commercially reasonable efforts to ensure that Buyer's data is kept confidential. Buyer may request discontinuance of data monitoring service at any time, subject to waiver of all and any remaining warranties.

**AERZEN USA CORPORATION**

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Coatesville, PA 19320  
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**AERZEN**

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**AERZEN** Reference Number:

16-May-23

Re:

**Thank you for the opportunity to bid the referenced project. The Aerzen scope of supply meets the intent of the plans and specification as well as complying with the requirements for power and flow within the stated margin.**

**Section 43 11 33;** Aerzen is providing their standard set of sensors. An ammeter is not included.  
**1.4.A.2.o**

**Section 43 11 33;** Aerzen does not provide project specific dynamic balancing reports.  
**1.4.B.3.a.3**

**Section 43 11 33;** Aerzen is not providing spare bearings, seals, O-rings or gaskets for the blower and motor. Replacing these components requires the blower to be sent to the factory for an overhaul by an Aerzen technician. Replacement components for the motor are stocked by any local motor supply house.  
**1.4.D.1.a&d**

**Section 43 11 33;** At the design point, Aerzen's blower will operate at 98% of max which is well within the blower's safe operating limit. At this speed, the blower's theoretical bearing life is 619,000 hrs which far exceeds the bearing life of 100,000 hrs required by part  
**2.2.A.6** 2.3.C.7.e.

**Section 43 11 33;** At the design conditions, the blower's discharge temperature is 208 F at the design flow rate and at the minimum turndown the blower's discharge temperature is 216 F. This discharge temperature will be comparable to other equal blower packages provided a competing manufacturer.  
**2.2.B.1.d**

**Section 43 11 33;** It is Aerzen's interpretation of the spec that the blowers should be sized using a barometric pressure at 5,730 ft. Aerzen's blower sizing program takes into account all losses throughout the pressure. Therefore, Aerzen has not taken into account the max inlet pressure loss of 0.6 PSIG.  
**2.2.B.1.g**

**Section 43 11 33;** It is not clear what the intent of the control valves is or what exactly is required. Therefore, Aerzen has not included these in the scope/pricing.  
**2.3.A.1**

**Section 43 11 33;** Aerzen is guaranteeing a free field sound level of 76 dBA per ISO-2151 empirical data. Installed sound levels cannot be guaranteed as there are factors outside of the blower manufacturer's scope that can adversely affect the installed sound levels (i.e. other machinery running, external piping configuration, facility layout...etc.).  
**2.3.F.1**

**Section 43 11 33;** Sound enclosures are not electrical enclosures and cannot be NEMA rated.  
**2.3.H.3.c**

**Section 43 11 33;** Aerzen is providing their standard blower local control panel with standard set of sensors and touchscreen HMI per part 2.4.C, which will display all monitoring parameters and protect the blower package from adverse conditions. Gauges and switches are not provided.  
**2.4.A**

**Section 43 11 33;** Aerzen is providing ISO-1217, Annex B testing to verify flow and power consumption of the blower stage. This test does not record vibration or bearing temperature.  
**2.5.A.3**

**Section 43 11 33;** The ISO-1217 test is performed at Aerzen Germany and cannot be certified by a U.S. PE.  
**2.5.A.3.h.2**

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**AERZEN** Reference Number:

16-May-23

Re:

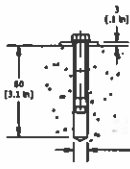
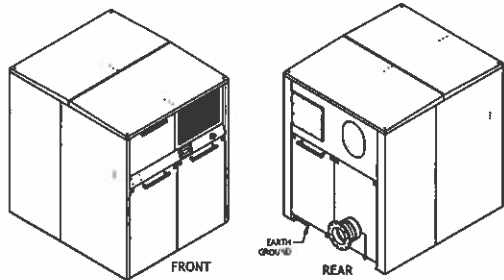
**Section 43 11 33;** Aerzen will provide their standard field testing to verify that the blower is operating  
**3.2.A.3** safely within its limits.

**Section 43 11 33;** Aerzen will provide their standard field vibration testing to verify that the blower is  
**3.2.A.4** operating within its allowable vibration tolerance of 0.3 IPS RMS. Anything beyond  
Aerzen's standard field vibration testing shall be by the contractor.

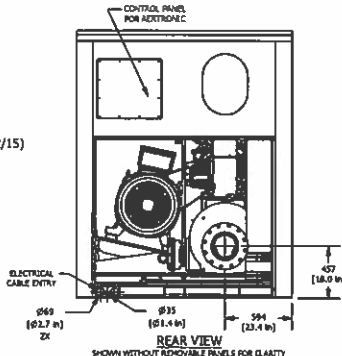
**Section 43 11 33;** See part 2.3.F.1 comment pertaining to installed sound levels.  
**3.2.A.5**

**Section 00 41 13;** Aerzen is providing their standard spring relief valve. A weighted relief valve is not  
included.

**Section 00 41 13;** It is Aerzen's interpretation of the spec that the VFD is by others per Section 43 11 33;  
**1.1.B.**



SOUND ENCLOSURE ANCHOR  
RECOMMENDATION  
SHOWN WITH OPTIONAL ANCHOR  
AERZEN PART NO. 120813000 (LIEBIG AB12/15)

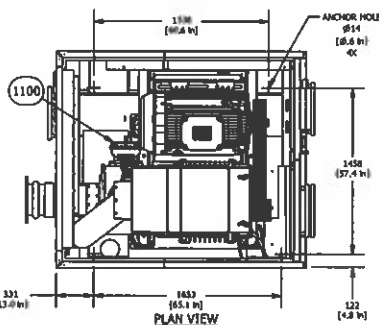


REAR VIEW  
SHOWN WITHOUT REMOVABLE PANELS FOR CLARITY

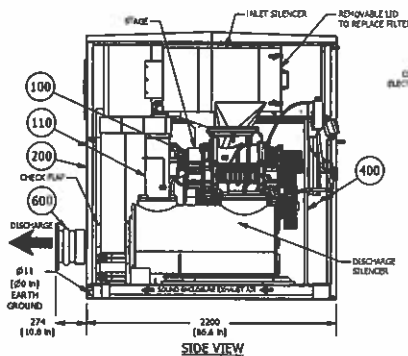
**NOTES:**

1. TOLERANCE ON ALL DIMENSIONS = ±12mm [0.5"]
2. ITEM 100 (HYBRID TORSO) INCLUDES BLOWER STAGE, INLET SILENCER, BASE FRAME/ DISCHARGE SILENCER, VIBRATION ISOLATORS, COOLING FAN, & CONNECTION HOUSING WITH CHECK FLAP
3. CUSTOMER PIPING TO BE INDEPENDENTLY SUPPORTED
4. LIFT PACKAGE FROM BLOWER SIDE THROUGH FORK LIFT POCKETS IN BASE OR LIFTING HOLES IN CORNER OF BASE USING SPREADER BAR
5. SEE JOB DATA SHEETS FOR PERFORMANCE DATA, PART NUMBERS, TOTAL PACKAGE WEIGHT, INSTRUMENTATION, AND OTHER OPTIONAL EQUIPMENT, & OWNER'S MANUAL
6. REQUIRED SPACE IN FRONT & REAR FOR MAINTENANCE IS 800mm [32"]
7. DISCHARGE FLANGE MUST BE MOUNTED TO A RIGID FLANGE FACE

WEIGHT	
BLOWER PACKAGE (LESS MOTOR)	2099g
ELECTRIC MOTOR (ITEM 300)	47020g
TOTAL (NET WEIGHT)	

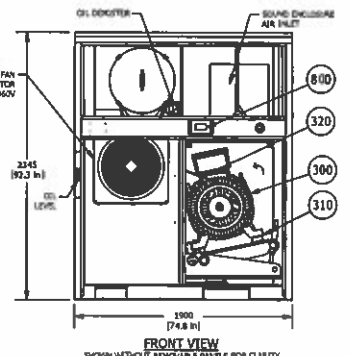


PLAN VIEW  
SHOWN WITHOUT ROOF FOR CLARITY



SIDE VIEW  
SHOWN WITHOUT SIDE WALL FOR CLARITY

ITEM	QTY	DESCRIPTION	DESCRIPTION 2
100	1	HYBRID TORSO	D98S, D9H30
110	1	PRESSURE RELIEF VALVE	
200	1	SOUND ENCLOSURE	
300	1	ELECTRIC MOTOR	
310	1	MOTOR MOUNTING	
320	1	BELT DRIVE	
400	1	BELT GUARD	
600	1	DISCHARGE CONNECTION	80°, 150P, ANS FLANGE
800	1	INSTRUMENTATION	AERTRONIC
1100	1	UNLOADING VALVE	OPTIONAL



FRONT VIEW  
SHOWN WITHOUT REMOVABLE PANELS FOR CLARITY

			<b>AERZEN USA CORPORATION</b> 198 INDEPENDENCE WAY, COATESVILLE, PA. PH: (610) 380-0244 FX: (610) 365-0278 WWW.AERZENUSA.COM		CLASS 1 	
			SCALE: 1:20 SHEET 1/10		DRAWN: RJP DATE: 07/20/18 CHECKED: RJP DATE: 07/25/18 APPROVED: _____ GR-007-162-P-2032000	
<small>NOTE: THIS DRAWING AND ALL INFORMATION HEREIN IS THE PROPERTY OF AERZEN USA INC. AND IS UNCLASSIFIED AND SHALL NOT BE REPRODUCED BY ANY MEANS IN WHOLE OR IN PART USED AS THE BASIS FOR REPRODUCTION WITHOUT WRITTEN PERMISSION.</small>						

# ROTARY LOBE COMPRESSORS

## DELTA HYBRID

Volume flows from 65 CFM to 5,300 CFM



# DELTA HYBRID.

## EFFICIENCY AS A COMPRESSION PRINCIPLE.

- Exceptional energy efficiency
- Reduced life cycle costs
- Significantly extended application and pressure ranges
- High reliability and durability
- Reduced maintenance effort
- 100% oil and absorption material free process air
- Made by AERZEN

### **The best of both worlds.**

The compression of air and gases is energy-intensive. As a result, the call for energy-efficient technologies is greatly increasing. It is understandable that the call for energy-efficient technologies is becoming increasingly clear. The answer is Delta Hybrid. The latest generation of assemblies from AERZEN brings a new principle into compression technology. Delta Hybrid was the first series of rotary lobe

compressors worldwide and it combines the advantages of blower and compressor technology into one system. The result offers new possibilities in the generation of negative and positive pressure. With 7 patents or patent applications, Delta Hybrid is one of the most innovative solutions in compressor technology and by far the most efficient assembly for a wide control range from 25 to 100 percent.



# SAVE ENERGY. THE BEST FOR THE CORPORATE AND ECOLOGICAL BALANCE SHEET.

Around 90% of the life cycle costs of a compressor are energy costs. This is a number that becomes a challenge wherever environmental concerns and global competition drive the need for more energy efficient technologies. Aerzen meets this challenge with the Delta Hybrid by offering up to 25% energy savings with a return on investment of as little as two years, depending on flows and pressures.

## Two technologies. One assembly.

Delta Hybrid is the perfect synthesis of positive displacement blower and screw compressor technology. Unlike the conventional positive displacement blower with a maximum

pressure differential of 14.5 psig, the innovative rotary lobe compressor of the Delta Hybrid uses a 3+4 compressor rotor profile which is designed for pressure up to 22 psig.



## Energy saving arises from many details:

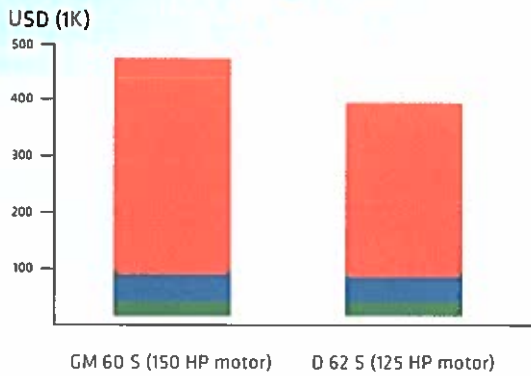
- Very high operating range from 25% to 100%
- Patented suction cone for reduced pressure losses
- Optimized air flow through the acoustic hood leads to cooler intake air into the blower stage, increasing the compression efficiency
- Improved inlet and outlet openings in the blower stage ensures ideal air flow and reduces backflow losses
- Patented discharge silencer reduces pressure losses and contains no absorption material
- Electrically driven acoustic hood fan
- Special silencer insulation for pressures above 15 psig reduce the heat inside the acoustic hood which increases compression efficiency.
- Premium efficiency/NEMA motors
- Similar performance to a turbo compressor even with varying pressures and temperatures (summer/winter operation)
- Belt drive for precise volume flow design

## Just clever:

The belt-driven version of the Delta Hybrid has the significant advantage of being designed with pinpoint accuracy, because the greatest savings are made by the energy that does not have to be expended in the first place. For example, a deviation in the volume flow of 5% means an increased energy expenditure of 5%!

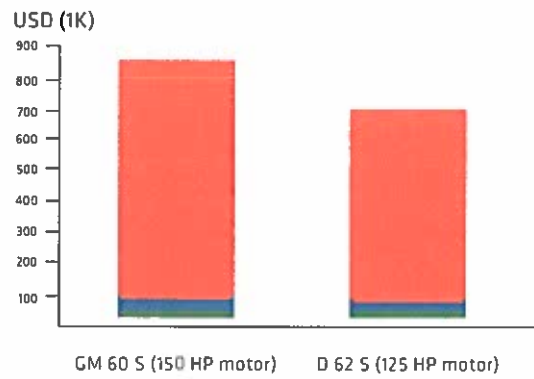


**LCC comparison GM 60 S and D 62 S for 5-year operation**



Operating data: 1,835 cfm, 13 psig, 8000 operating hours/year

**LCC comparison GM 60 S and D 62 S for 10-year operation**

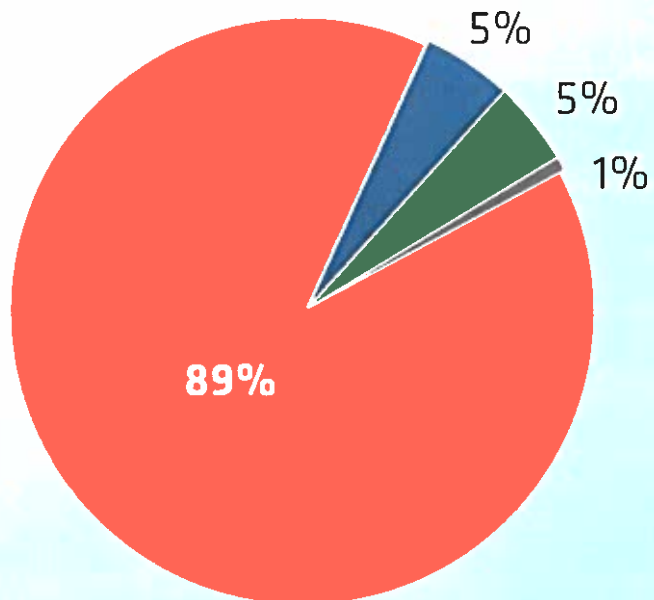


Operating data: 1,835 cfm, 13 psig, 8000 operating hours/year  
Savings of around 150K USD; ROI = 2 years

**Reduction of Life-Cycle-Costs**

Average operating costs of a compressed air generator over 10 years

- Energy
- Investment
- Maintenance
- Installation



# EXTEND THE RANGE OF APPLICATION. USE IN A VARIETY OF APPLICATIONS.

Delta Hybrid works in an extremely wide range of key industrial applications. The assemblies are designed for the oil-free conveyance of air and neutral gases. For positive and negative pressure applications with discharge connections ranging from 4" to 12".

## Extended pressure ranges. Rising possibilities.

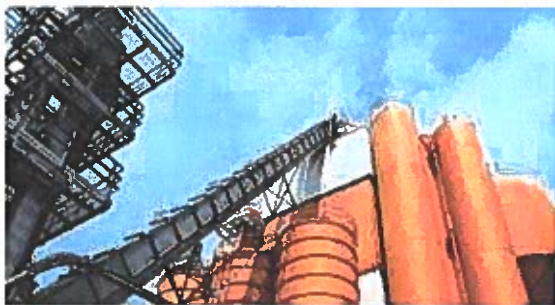
The versatile assemblies extend the range of applications to a pressure range of up to 22 psi (design H). The field of application could also be extended in the negative pressure: From previously -7.25 to -10 psi (design E). Delta Hybrid thus closes the gap in the previous machine mix. Note: Because conventional rotary piston blowers are limited to a maximum pressure difference of 14.5 psi due to their design principle, other types of compressors had to be used for higher pressure ranges in the past. However, some of these were designed for significantly higher pressures and thus also involved higher investment costs.

## Hotter Temperatures. More safety.

Delta Hybrid rotary lobe compressors can be used globally even in high elevations and for applications with extreme ambient temperatures.

## AERZEN Engineering.

A flexible modular system for Delta Hybrid allows for a variety of compressor stages and motor sizes with belt drives built or adapted within a variety of base frame sizes. Where a standard solution does not meet the customer's needs, AERZEN can develop special designs or machine configurations to meet those needs. AERZEN always has an eye on making the process performance as efficient and effective as possible.



*Ideal for pneumatic conveying*



*Powerful tool in the vacuum generation*





**Applications**

- Wastewater treatment
- Drinking water treatment
- Pneumatic conveying of bulk materials (suction/pressure pneumatics)
- Aeration of rivers and lakes and much more

**industries**

- Wastewater treatment plants
- Chemistry and process engineering
- Glass and paper
- Food
- Environmental technology and much more

# DECADES OF USE COMPRESSED IN ONE SENTENCE: MADE BY AERZEN.

High operational reliability and long service life of the compressors have established the reputation of AERZEN worldwide. Without question, these criteria also apply to our latest series Delta Hybrid. Developed in demanding field tests and proven for years in daily practice, Delta Hybrid is a synonym for quality made by AERZEN.

## Absorbent free discharge silencer.

Since the breakdown of absorption material can endanger the safe operation at a facility, the R&D department at AERZEN designed and patented a special discharge silencer containing no absorption material. It reduces the sound exclusively by air deflection ensuring that downstream processes are safe from contamination from absorption material. This prevents the clogging of aeration systems in wastewater technology - eliminating costly maintenance work or operating restrictions. And it achieves food suitability in the pneumatic conveying of bulk materials.



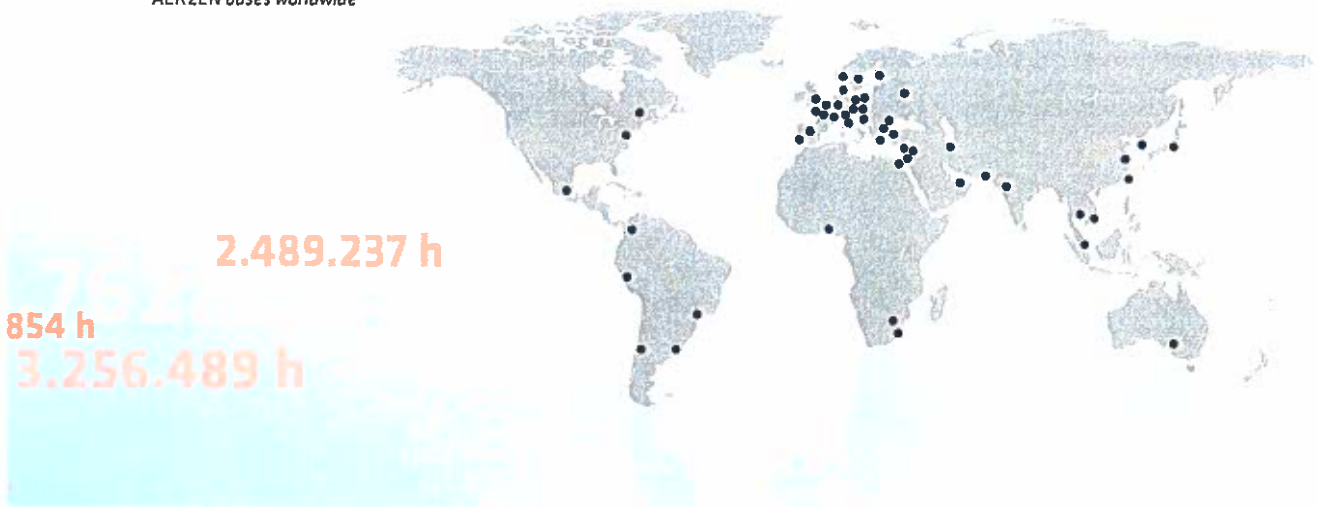
Patented bearing of the Delta Hybrid

## Life prolonging measures.

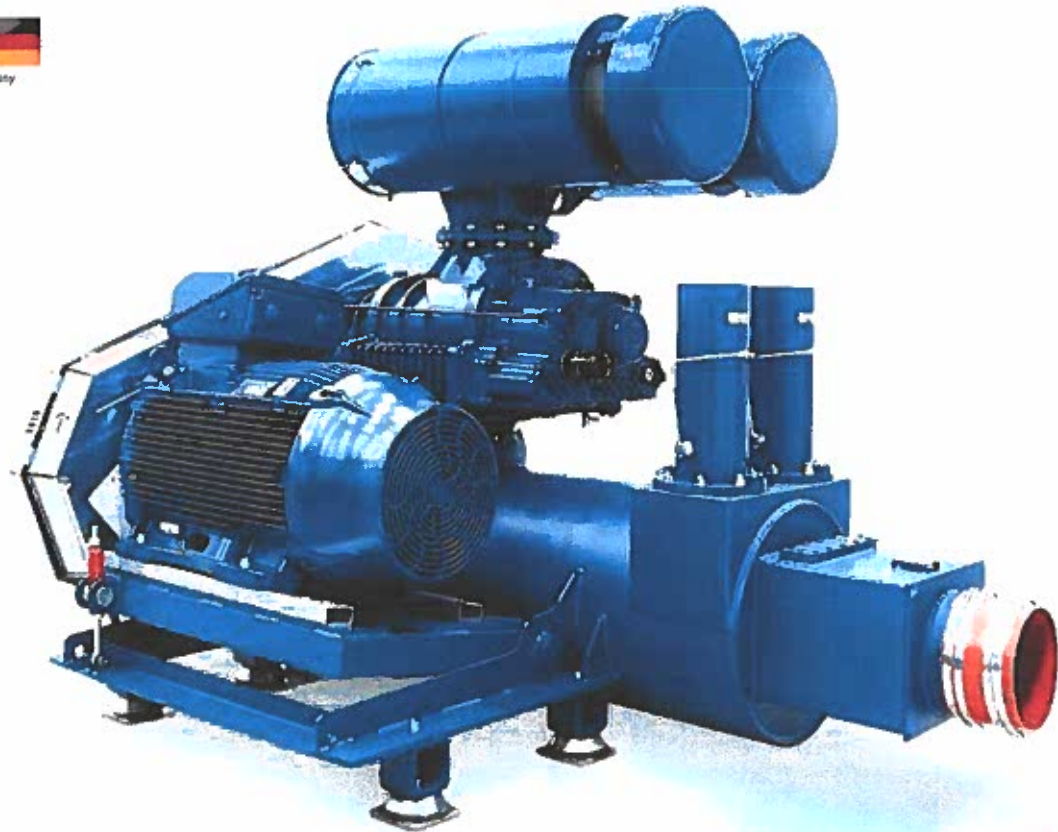
Durability is a question of careful material selection and quality of workmanship. But it is also the result of extensive development work. For the Delta Hybrid this includes special

drive and conveying chamber seals which minimize natural wear as well as the patented AERZEN bearing. At a pressure difference of 14.5 psi it extends the nominal L10 life of the bearing to more than 60,000 hours.

## AERZEN bases worldwide



*The heart of the modern compression process:  
Delta Hybrid assembly*



**Made in Germany. Made by AERZEN.**

Delta Hybrid, from the assembly to the control system, is manufactured by AERZEN following the core concepts of the traditional German family business. For AERZEN this means ensuring its high quality requirements are met without compromise and that only optimally coordinated overall concepts are included in their products. Only in this way can the reliability and high performance of our systems be guaranteed.

**Reliably there for you. Worldwide.**

Long service life and low maintenance requirements are the hallmarks of our solutions. Should you ever need us, we are there for you. Worldwide with over 2,500 employees in 50 subsidiaries, with representatives in more than 100 countries on all continents. This is how we live reliability.

# DRIVE PROCESSES ECONOMICALLY FROM INSTALLATION TO SATISFACTION.

Easy handling, minimum maintenance: these characteristics are also directly reflected in the cost balance. A good reason for AERZEN to keep a special eye on them during the development of the Delta Hybrid Generation. The results convince the coolest calculators. And inspire in years of daily practice.

## Extremely compact design

- Space-saving side-by-side installation
- Smaller dimensions for blower room
- Easy access for service and maintenance work

## Easy transport

- With pallet jack or forklift truck
- Safe due to innovative lifting system for hinged motor mounting plate

## Plug and play

- Completely pre-assembled package
- Immediately ready for connection
- Integrated service package with funnel and first oil filling

## Comfortable operating concept

- Operation and maintenance exclusively from the front of the blower package
- Oil level monitoring from the outside of the enclosure while the machine is running without interrupting operation

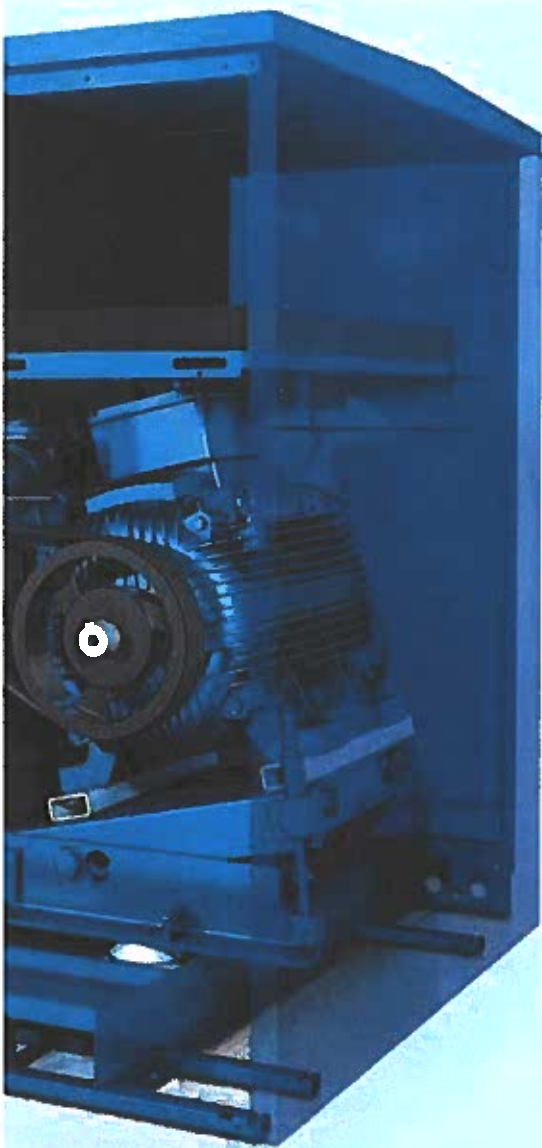
## Belt drive and hinged motor mounting plate

- Fully automatic and maintenance-free belt tensioning
- No need to check the V-belt tension
- Easy installation or replacement of the V-belts
- Accurate design for desired flow rate
- Subsequent power adjustment is quick and easy

## Multifunctional adjustment for hinged motor mounting plate

- Transport safety lock
- Easy and safe assembly of V-belts
- Mobile installation of assemblies (e.g. ship installation)/earthquake design
- as hinged motor mounting plate support for heavy motors





#### Smart oil system

- Long oil change intervals (twice as long as competition). Extended to 16,000 operating hours.
- Elimination of the initial oil change (previously 500 operating hours after commissioning)
- Oil level check during operation. Readable on the outside of the enclosure
- Robust mechanical oil pump. Oil pressure build-up with main motor start
- Oil instead of grease. Oil-lubricated bearings (oil injection) increase the service life
- No separate oil cooler necessary. Benefits: No contamination of the oil cooler and no additional component to be maintained
- Additional drive is not required: A plus for the Energy efficiency of the entire machine

#### 100% oil-free according to class 0

- Oil-free process air for sensitive applications. For example, for the chemical and food industries
- TÜV-certified according to ISO 8573-1 class 0

#### Intelligently reduced sound levels

- Patented discharge silencer without Absorption material
- Silencing exclusively by air deflection
- Innovative pulsation reduction in the compressor stage
- Patented intake cone for reduction of the inlet noises
- Optimised acoustic hood

#### ATEX certified (optional)

- Discharge silencer certified as spark extinguisher for ATEX applications

#### Approval according to PED directive (pressure valve)

# THERE IS NO EASIER WAY TO BUILD UP PRESSURE.

This also saves resources: Delta Hybrid assemblies are ready for immediate use upon delivery. The effort for the engineering, the optimal configuration, the precise design for your process: all this is done beforehand at AERZEN. And from a single source. We call this delivery concept all-in. What we mean by this is: there is no easier way to bring sophisticated compressor technology to your project.

## Configured ready for connection: The scope of supply.

- AERZEN rotary lobe compressor stage with integrated oil system:
  - Flanged, mechanical oil pump (exception D 62)
  - Pressurized oil lubrication system for long bearing life
  - No separate oil cooler
  - Wear-free sealing on the drive shaft and the conveying chamber
- Electrical vacuum pressure generator for safe oil chamber ventilation
- Hinged motor mounting plate for optimum, automatic V-belt tension
- Multifunctional lifting system for hinged motor mounting plate
- High-performance narrow V-belt drive
- Three-phase motor with highest NEMA energy efficiency class
- Base support with integrated discharge silencer (without absorption material)
- Vibration damping, flexible machinery mountings
- Connection housing including check valve
- Flexible rubber sleeve with clamps or ANSI flanged connection
- Pressure valve according to PED
- Completely connected and wired pressure sensors and temperature sensors
- Display instruments
- Filter silencer with integrated filter cartridge
- Complete documentation



## Intelligent additions. Accessories:

- Acoustic hood for indoor or outdoor installation with electric acoustic hood fan, according to ErP Directive 2005/32/EC
- Start unloading device (necessary for star-delta operation)
- Electronic AERZEN AERtronic controller for efficient and safe operation of the system with display and monitoring of intake, discharge and oil pressure, oil level as well as discharge and oil temperature
- Maintenance packages for 1-year, 2-year or 5-year operation





*Easy to maintain: AERZEN Air filter cartridge*



*Always the right choice: AERZEN Original spare parts*



*Very easy to operate: AERZEN Multifunctional lifting system for hinged motor mounting plate*

**Modifications and upgrades:**

- Certifications according to ASME, TR, China Licence
- ATEX compliant design
- Acoustic hood for desert installation with special sand collector
- Acoustic hood for earthquake resistance and increased wind loads
- Acoustic hood for low temperatures down to minus -40°C with heating and gravity louvers
- Ship installation
- All-in-one solution with integrated power cabinet (frequency converter, star-delta, direct start, soft start)
- Separate control cabinet (frequency converter, star-delta, direct start, soft start)
- Special varnish
- Further accessories or modifications on request

# THE NEW AERTRONIC. THE PATH TO THE DIGITAL FUTURE.

With the new edition of the AERtronic control system AERZEN paves the way to more digitization in compressed air generation. AERtronic offers a user-friendly and clear possibility for the analysis and processing of relevant process parameters and thus provides more transparency, safety and efficiency.



## Always at the optimum operating point

In the new control system, all measured values converge and are systematically evaluated. This makes it possible to transfer the data to the production control system via common interfaces and to operate the plant always at the optimum operating point. Operators can achieve full protection and align processes for maximum effectiveness. The integrated maintenance book also makes it easier to plan maintenance and thus increases maintenance efficiency.

## Advantages at a glance:

- Process analysis and associated avoidance of quality or output problems
- Direct connection to the master process control system
- Provision of all process parameters as well as maintenance and error information on the display, via interface and WebView
- Simplest possibility of a holistic process view through interfaces
- Full protection of your machine technology
- Avoidance of machine damage
- Best visualisation via 7" touch and user-friendly interface

*The smart way to more safety and transparency in the process air system - the new AERtronic*



	★ Basic	★★ Advanced	★★★ Premium	
7 inch full touchscreen display	✓	✓	✓	Fully digital display instrument
Digital display of all measured parameters	✓	✓	✓	
Display of warnings, faults and maintenance	✓	✓	✓	
Version for indoor and outdoor installation up to IP65 and -40°C up to +60°C	✓	✓	✓	
Process control connection via Modbus RTU (RS485)	✓	✓	✓	
Machine control with start release		✓	✓	Active process control
Remote control of the machine incl. emergency shutdown in case of malfunction		✓	✓	
Process control connection via Modbus TCP (RJ45), ProfiNet® or ProfiBus		Option	Option	
Process control according to target pressure and oxygen content		Option	Option	
Visualisation of process parameters in the web browser by WebView		Option	Option	Intelligent interface with cloud compatibility
Increase in machine and plant efficiency through Energy Management Improvement System			Option	
Full transparency of consumption and recommendations for action to reduce energy costs and CO2 consumption			Option	
Optimizing the Availability by the Availability Management of AERZEN Digital Platform			Option	
Maximization of maintenance intervals through the Usage-based Maintenance			Option	

### Three variants for individual requirements

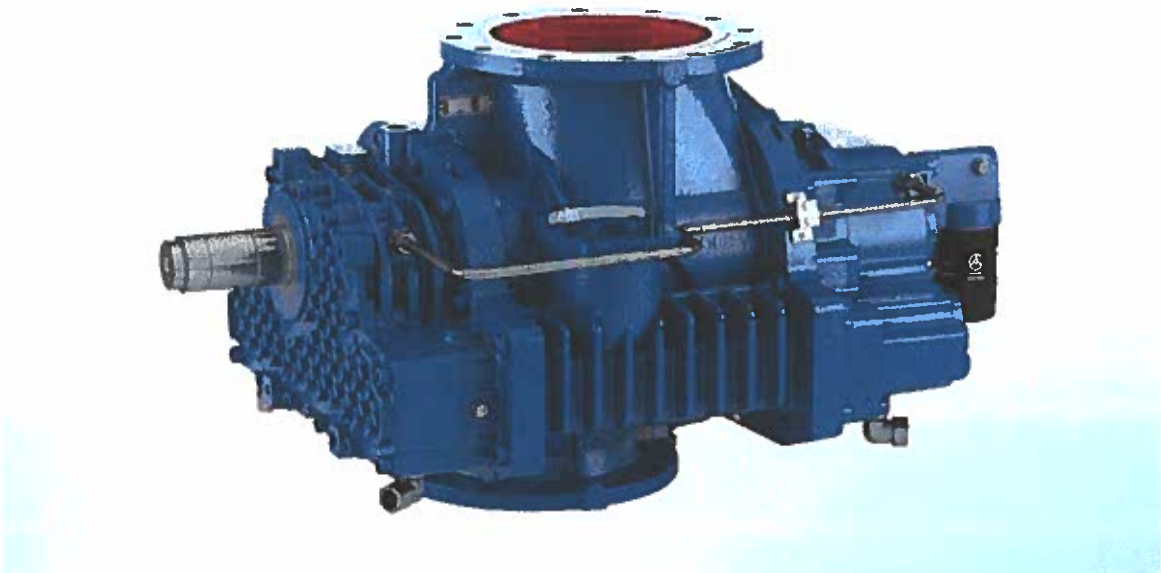
The development of the new AERtronic series focused on the customer requirements of the various industries. Therefore AERZEN offers the communication-capable control system in three different versions: Basic, Advanced and Premium. The variants differ in view of the range of functions and are adapted to the individual needs of the system operator.



Mobile visualization of process data

# WITH -13.8 PSI VERY CLOSE TO VACUUM. FOR A DECISIVE PLUS IN ECONOMY.

Delta Hybrid is one of the most innovative and successful series of compressor technologies. The symbiosis of positive displacement blowers and screw compressors not only achieves increased energy efficiency in negative pressure by up to 25%, but also breaks through the previous limits of the usual areas of application. The new D 98 V achieves an positive pressure of 21.8 psi and a negative pressure of -13.8 psi at full capacity. Consequently, you will reach the vacuum range with the innovative AERZEN compressor stage.

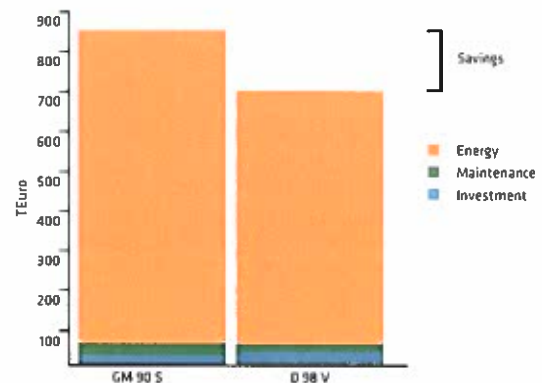


## Minus 13.8 psi - the new performance category for negative pressure.

The further development of D 98 V is based on a technical innovation. The newly designed and optimized pre-inlet channels provide a targeted cooling in the range of the compression process which is mostly temperature intense.

The negative pressure of -10 psi, which is already high at standard, can be increased to up to -13.8 psi. This new performance class surpasses the possibilities of conventional positive displacement blowers and screw compressors.

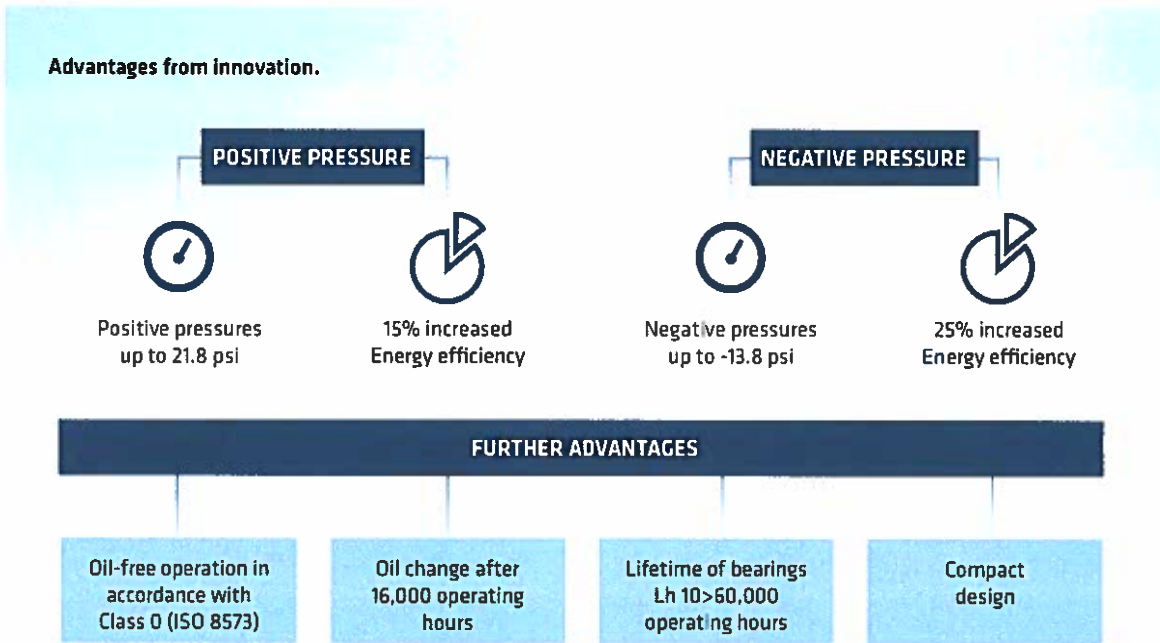
## LCC comparison GM 90 S and D 98 S for 10 years of continuous operation



**Powerful and flexible.**

High performance capability combined with enormous energy efficiency: D 98 V can serve a variety of new applications. With a range from -13.8 to 21.8 psi, the Hybrid option offers an extraordinary range of services from pneumatic conveying to process engineering and can be powered from a diesel engine on a truck to an electric motor for a stationary installation.

Delta Hybrid also provides optimization of loading and unloading times. The newly achieved energy efficiency reduces the energy consumption of systems which has a positive effect on costs. In all cases, the new compressor reliably supplies conveying air for negative and positive pressure ranges without any interruption.



*Used when loading a truck*



*D 98 V - view from top to the rotary lobe compressor stage*

# DELTA HYBRID IN FIGURES.

## PLAN YOUR EFFICIENCY PLUS IN THE COMPRESSION PROCESS.

The innovative rotary lobe compressor series Delta Hybrid is available in H, S and E designs in 10 different sizes. For volume flows from approx. 65 to 5,300 cfm and positive pressures up to 21.8 psi or negative pressures down to -10 psi. A wide range of machines for precise design for a wide variety of processes.

**Performance data** (subject to technical changes - product is subject to technical change).

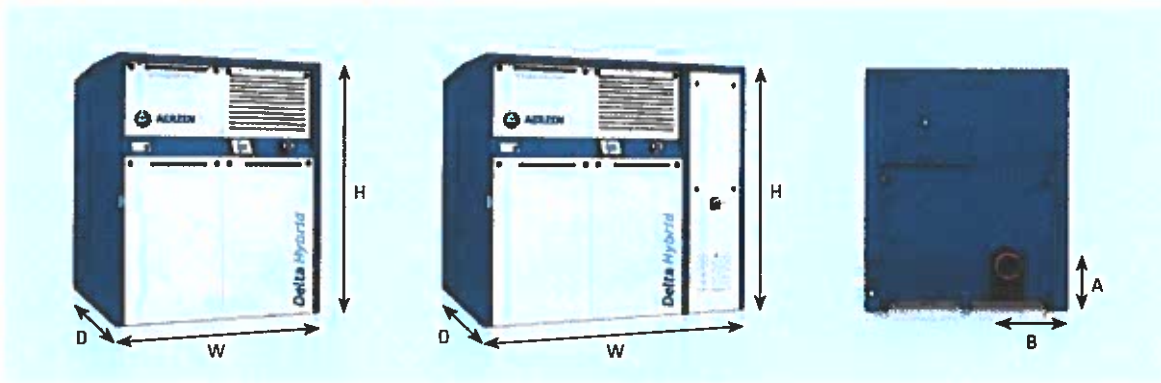
Positive pressure				
Size	Differential pressure max. psi	Volume flow max. cfm*	Motor rating max. HP	Sound pressure level max. dB (A) **
D 12 H	21.8	395	50	73
D 12 S	14.5	405	40	72
D 19 S	14.5	670	60	75
D 24 H	21.8	805	100	76
D 24 S	14.5	815	75	74
D 29 S	14.5	1025	100	73
D 36 H	21.8	1115	150	76
D 36 S	14.5	1265	100	76
D 52 S	14.5	1835	150	77
D 62 H	21.8	2000	200	81
D 62 S	14.5	2060	150	79
D 76 H	21.8	2610	200	79
D 76 S	14.5	2675	200	77
D 98 H	21.8	3295	300	81
D 98 S	14.5	3410	300	79
D 152 H	21.8	5120	500	81
D 152 S	14.5	5235	400	80

Negative pressure				
Size	Differential pressure max. psi	Volume flow max. cfm*	Motor rating max. HP	Sound pressure level max. dB (A) **
D 12 E	-10	385	25	72
D 24 E	-10	775	50	73
D 36 E	-10	1,175	75	76
D 62 E	-10	1,940	125	79
D 76 E	-10	2,675	125	76
D 98 E	-10	3,235	150	78
D 152 E	-10	5,000	200	79
D 98 V	-13.8	3,175	-	-

\* Corresponds to the delivery volume flow measured according to ISO 1217 and converted to the reference suction conditions according to the (informative) enclosure F of ISO 1217 [inlet pressure = 1.0 bar / inlet temperature = 20 °C, rH = 0%]

\*\* Machine noise with acoustic hood and connected, insulated piping, tolerance ± 2 dB(A)

**Dimensions and weights** (subject to technical changes - product is subject to technical change).



**Delta Hybrid.**

Size	W inches	D inches	H inches	nominal size inches	weight with acoustic hood lbs.
D 12 H/S/E	49	53	59	4	1300
D 19 S	49	53	59	4	1400
D 24 H/S/E	49	53	59	5	1400
D 29 S	59	71	78	6	2420
D 36 H/S/E	59	71	78	6	2420
D 52 S	59	71	78	6	2710
D 62 H/S/E	67	81	83	8	3375
D 76 H/S/E	67	81	83	8	4405
D 98 H/S/E	75	87	92	10	4630
D 152 H/S/E*	83	112	92	12	7715

\* In preparation

Weight without motor

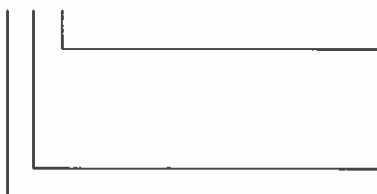
**Delta Hybrid with integrated power supply panel.**

Size	W inches	D inches	H inches	A inches	B inches	nominal size inches	weight with acoustic hood lbs.
D 12 S-H-E	73	53	59	12	15	4	1630
D 19 S	73	53	59	12	15	4	1730
D 24 S-H-E	73	53	59	12	15	5	1730
D 29 S	83	71	75	15	17	6	3085
D 36 S-H-E	83	71	75	15	17	6	3085
D 52 S	83	71	75	15	17	6	3085
D 62 S-H-E	91	81	83	15	20	8	4145
D 76 S	91	81	83	15	20	8	5180

Weights without motor, power electronics and belt drive

**Explanation of the type designation:**

Example: D 62 S



Type of construction:

H = Pressure differences up to 21.8 psi

S = Pressure differences up to 14.5 psi

E = Negative pressure version up to -10 psi

V = Pre-inlet up to 13.8 psi

Max. volume flow in m<sup>3</sup>/min (approx.)

Rotary lobe compressor



**AERZEN. Compression - the key to our success.**

AERZEN was founded in 1864 as Aerzener Maschinenfabrik. In 1868, we built Europe's first positive displacement blower. The first turbo blowers followed in 1911, the first screw compressors in 1943, and in 2010 the world's first rotary lobe compressor package. Innovations "made by AERZEN" keep driving forward the development of compressor technology. Today, AERZEN is among the world's longest established and most significant manufacturers of positive displacement blowers, rotary lobe compressors, screw compressors and turbo blowers. AERZEN is among the undisputed market leaders in many areas of application.

At our 50 subsidiaries around the world, more than 2,500 experienced employees are working hard to shape the future of compressor technology. Their technological expertise, our international network of experts, and the constant feedback we get from our customers provide the basis for our success. AERZEN products and services set the standard in terms of reliability, stability of value and efficiency. Go ahead - challenge us!

Aerzen USA  
108 Independence Way  
Coatesville, PA 19302  
Phone: 610-380-0244  
Fax: 610-380-0278  
Email: [order-usa@aerzen.com](mailto:order-usa@aerzen.com)  
[www.aerzen.com/en-us](http://www.aerzen.com/en-us)



**AERZEN**  
EXPECT PERFORMANCE

Delta Hybrid (D1-010-07)\_EN\_USA  
01|2021





May 30, 2023

Mr. Mick Mummert  
Wastewater Supervisor  
110 River Ranch Rd  
Ketchum, Idaho 83340

Subject: Water Reclamation Facility  
Blower Equipment Bids  
Bid Review

Dear Mr. Mummert:

The purpose of this letter is to report on HDR's review of Ketchum-SVWSD WRF – Blower equipment procurement bid results. The bid documents were advertised on April 26<sup>th</sup> and May 3<sup>rd</sup> for opening on May 10, 2023. An addendum was issued on May 9<sup>th</sup> changing the bid date to May 17<sup>th</sup> to encourage bidding. The bid review findings are presented in the following paragraphs.

#### **BID RESULTS**

One bid was received for the Blower equipment procurement on May 17, 2023 by 2 pm MST from Aerzen USA Corporation (Aerzen). The Aerzen bid was received electronically by the designated time/date and acknowledged addendum #1.

#### **EVALUATION OF AERZEN BID**

The Aerzen bid was reviewed further to determine if all was in order with the proposed equipment compared to bid specifications.

- Lump sum bid amount is **\$205,788**.
- Blower capacity meets the specified values.
- Clarifications to specifications shown on pages 13 and 14 are acceptable.
- Standard general arrangement drawing D98S, DN250, G5 is acceptable but does not show inlet correctly. Although the inlet is correctly described in the components summary on page 9.
- Payment terms proposed by Aerzen are: 20% down, 30% release for fabrication (submittal approval), 50% from date of readiness to ship will require modification. Proposed terms will be 20% down, 30% release for fabrication, 45% arrival on-site, and 5% upon installation certification / startup.



**RECOMMENDATION**

The concern with receiving only one bid is lack of competitive bidding. In this case we obtained a budgetary quote from Aerzen during the predesign phase of project development. The quote about four months ago was \$225,000. We expect budgetary quotes to be within about 10 percent of the bid price. We find the vendor's pricing is consistent with this level of accuracy and see no indication of inflated pricing.

The bid process and bid award follow Idaho Code 67-2806 in regard to advertising and bidding for Purchasing by Political Subdivisions. Aerzen is a named manufacturer in the bid specification. The blowers are high-quality, German-made and have a solid reputation within the United States wastewater market. Even though only one bid was received for the blowers, we recommend award of the blower bid to Aerzen.

Please call if you have any questions (208-387-7073).

Sincerely,  
HDR ENGINEERING, INC.

Bradley Bjerke, P.E.  
Project Manager

Enclosure

cc: Trent Donat/Ketchum City Clerk  
Pat McMahon/District General Manager

**SECTION 00 51 16**  
**NOTICE OF AWARD FOR PROCUREMENT CONTRACTS**  
For  
**Ketchum / SVWSD WRF Equipment Procurement – Blowers**  
For  
Ketchum / SVWSD

Dated: **June 20, 2023**

TO: **Aerzen USA Corp**  
(Successful BIDDER - SELLER)

ADDRESS: **108 Independence Way**  
**Coatesville, PA 19320**

CONTRACT FOR: **Ketchum / SVWSD WRF Equipment Procurement – Blowers**  
**Ketchum / SVWSD**

(BUYER)

You are notified that the Contract Time under the above contract will commence to run on as of the date of the Notice of Proceed for Procurement Contracts. By that date, you are to start performing your obligations under the Contract Documents.

Within fifteen (15) days of this Notice of Award for Procurement Contracts, you must deliver to the Buyer:

- Certificates of insurance are required to be purchased and maintained in accordance with the Contract Documents.
- Signed Copy of the Agreement Between Buyer and Seller.
- ~~Bonds are required to be purchased and maintained in accordance with the Contract Documents.~~
- All applicable licenses required by the contract documents.

City of Ketchum, Idaho (Ketchum) and Sun Valley Water and Sewer District (SVWSD)

(Buyer)

By: \_\_\_\_\_

(Ketchum's Authorized Signatory)

\_\_\_\_\_  
(printed name and title)

By: \_\_\_\_\_

(SVWSD's Authorized Signatory)

\_\_\_\_\_  
(printed name and title)

(Use Certified Mail,  
Return Receipt Requested)

HDR Project No. 10360008

City of Ketchum and Sun Valley Water and Sewer District  
Ketchum / SVWSD WRF Equipment Procurement - Blowers  
NOTICE OF AWARD FOR PROCUREMENT CONTRACTS  
00 51 16 - 1

April 19, 2023  
Issued for Bid

**END OF SECTION**

HDR Project No. 10360008

City of Ketchum and Sun Valley Water and Sewer District  
Ketchum / SVWSD WRF Equipment Procurement - Blowers  
NOTICE OF AWARD FOR PROCUREMENT CONTRACTS  
00 51 16 - 2

April 19, 2023  
Issued for Bid

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**marybeth@svwsd.com**

---

**From:** Thomas, Kody <Kody.Thomas@hdrinc.com>  
**Sent:** Wednesday, June 14, 2023 8:42 AM  
**To:** marybeth@svwsd.com  
**Cc:** Bjerke, Brad; pat@svwsd.com  
**Subject:** RE: SVWSD - Board Meeting & Blower Bid  
**Attachments:** Ketchum-SVWSD\_Blower Bid Recommendation\_2023\_05\_30.docx; 12 - 00 51 16 - NOTICE OF AWARD FOR PROCUREMENT CONTRACTS\_r1.docx

Marybeth,

I attached our bid recommendation and Notice of Award file to print and sign.

Mick plans to present the blower purchase recommendation to the Board but we would be happy to do the same. The payment terms proposed in the 5<sup>th</sup> bullet were accepted by Aerzen. The blowers are a critical component to treatment and the long lead time requires City/District pre-purchase so they are available ASAP. We are currently designing the installation with bidding planned for late 2023. After approval of the blower purchase, the Board representative should sign the Notice of Award.

Thanks,

**Kody Thomas**  
D 208 387 7130 M 208 994 1922

[kody.thomas@hdrinc.com](mailto:kody.thomas@hdrinc.com)



May 30, 2023

Mr. Mick Mummert  
Wastewater Supervisor  
110 River Ranch Rd  
Ketchum, Idaho 83340

Subject: Water Reclamation Facility  
Blower Equipment Bids  
Bid Review

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Sincerely,  
HDR ENGINEERING, INC.

Bradley Bjerke, P.E.  
Project Manager

Enclosure

cc: Trent Donat/Ketchum City Clerk  
Pat McMahon/District General Manager



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For  
Ketchum / SVWSD

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**Ketchum / SVWSD**  
  
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- Signed Copy of the Agreement Between Buyer and Seller.
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City of Ketchum, Idaho (Ketchum) and Sun Valley Water and Sewer District (SVWSD)

(Buyer)

By: \_\_\_\_\_  
(Ketchum's Authorized Signatory)

By: \_\_\_\_\_  
(SVWSD's Authorized Signatory)

\_\_\_\_\_  
(printed name and title)

\_\_\_\_\_  
(printed name and title)

(Use Certified Mail,  
Return Receipt Requested)

**END OF SECTION**

HDR Project No. 10360008

City of Ketchum and Sun Valley Water and Sewer District  
Ketchum / SVWSD WRF Equipment Procurement - Blowers  
NOTICE OF AWARD FOR PROCUREMENT CONTRACTS  
00 51 16 - 2

April 19, 2023  
Issued for Bid

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## Jacobs Engineering Support Services Summary May 2023

Attention:	Pat McMahon, General Manager	Jacobs Engineering Group, Inc
Company:	Sun Valley Water and Sewer District	999 W. Main St
Prepared by:	Alyce Tolman, P.E.	Suite 1200
Copies to:	Marybeth Collins, Office Manager	Boise, ID 83702
Date:	June 9, 2023	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.
- Provided a final review of the June Day Lot 48 (703 Morningstar) water main extension revised drawings. Finalized communication with the Engineer of Record and reviewed DEQ approval.
- Provided input and coordination on water and irrigation services for Festival Meadows.

### **Altitude Valve Replacement – Phase 2 Services**

- Prepared drawings for final quality control review. Performed final quality control review.
- Developed a memorandum for delivery to DEQ detailing the approach to the project.
- Prepared drawings for final delivery to DEQ and the District.

### **White Clouds Waterline Intertie Services**

- Continued coordination with GC Systems on PRV design and specifications. Coordinated final location based on water modeling results and field located utilities in Fairway Road.
- Performed review of preliminary PRV station design.
- Continued development of preliminary pipe alignment and plan and profile drawings.
- Continued development of preliminary contract documents and technical specifications.

## SVWSD Altitude Valve Replacement

<b>Attention:</b>	Idaho Department of Environmental Quality Twin Falls Regional Office	<b>Jacobs Engineering Group Inc.</b>
<b>Date:</b>	June 5, 2023	999 W. Main St Suite 1200
<b>Project name:</b>	SVWSD Altitude Valve Replacement	Boise, ID 83702 United States
<b>Copies To:</b>	Sun Valley Water and Sewer District	T +1.208.383.6208
<b>Company:</b>	Jacobs Engineering Group, Inc.	www.jacobs.com
<b>Prepared by:</b>	Alyce Tolman, P.E.	

The purpose of this memorandum is to notify Idaho Department of Environmental Quality (DEQ) of required maintenance activities planned by Sun Valley Water and Sewer District (SVWSD) related to the removal and replacement of two (2) aging altitude control valve systems located in Sun Valley, Idaho.

The existing altitude control valve systems regulate the tank level of two public drinking water supply reservoirs. One altitude valve system serves Dollar Reservoir, located south-west of the intersection of Elkhorn Road and Meadowridge Road. The second altitude valve system serves Sage Creek Reservoir, located north-east of the intersection of Elkhorn Road and Horseshoe Road.

Both altitude valve systems were installed in 1981 along with the construction of the reservoir tanks. Both altitude valve systems consist of a 10-inch Cla-Val altitude control valve within a 72-inch diameter concrete manhole, a 10-inch diameter exterior bypass with 10-inch diameter gate valves, and a 1-inch diameter copper sensing line. Both altitude valve systems have been regularly serviced and maintained by GC Systems, and both have been found to be near the end of their useful life. GC Systems has recommended that the altitude valves be replaced.

Construction activities associated with the replacement of the existing systems at the Dollar and Sage Creek reservoirs will require demolition of the existing system and construction of a new packaged system. The replacement packaged systems are an in-kind replacement and will not alter the functionality of how the reservoir tanks are controlled.

Demolition activities are anticipated to include the removal of the existing altitude control valve systems, including all supply piping, valves, and appurtenances, necessary to allow for construction of the new packaged altitude valve systems. New construction will be limited to installation of the packaged valve system and connection to the existing supply piping. The new packaged valve systems are comprised of a precast concrete vault (14-feet x 8-feet x 9-feet deep), a new 10-inch Cla-Val altitude control valve, 8-inch diameter interior bypass with 8-inch gate valves, and all fittings and appurtenances.

The attached drawing sets depict the demolition and construction activities planned for the altitude control valve system replacements for DEQ's review and approval.



May 31, 2023

9:30 – 10:30 am

**Design Kick-off Meeting for Aeration Upgrades  
City of Ketchum and Sun Valley Water & Sewer District (SVWSD)**

Agenda:

1. Background Review
  - a. Aeration Upgrades are defined in two predesign memos; 1) Aeration Blower Replacement, 2) Conversion to Modified Ludzack-Ettinger (MLE) process
2. Aeration Upgrades generally consists of:
  - a. Two new hybrid positive displacement blowers – Owner procured
  - b. New electrical room for both new electrical equipment and replacement of old electrical
  - c. Anoxic mixers in zone 1 or aeration basins 3 and 4
  - d. Mixed liquor recycle (MLR) from zone 3 to zone 1 in aeration basins 3 and 4
3. Design broken into three work tasks by HDR
  - a. Project Management
  - b. 60% Design
  - c. Final Design
4. Task 100 - Project Management
  - a. Regular communication with Ketchum/SVWSD – Twice monthly, duration 1 hr., to be held on 2<sup>nd</sup> and 4<sup>th</sup> Wednesdays @ 9:30 am?
  - b. Communication protocol – Generally between Bjerke and Mummert. If communication with others occur, please cc Bjerke and Mummert.
  - c. Monthly invoicing and progress report
5. Task 200 – 60% Design
  - a. Confirm geotechnical and survey information
  - b. Prepare equipment procurement for long-lead items; to be defined
  - c. Initial development of select design drawings for each discipline: civil, structural/architectural, process, mechanical, electrical, and controls
  - d. Initial development of specifications
  - e. Development of P&ID's and control narrative for aeration upgrades
  - f. Develop comprehensive equipment list with instrument tagging
  - g. Electrical – by DC Engineering
  - h. Develop construction sequencing
  - i. Review of 60% design – 2 weeks allotted; web-based conference call (2 hr.) to review comments
  - j. Task 200 completion date – August 7, 2023
6. Task 300 – Final Design
  - a. Advance the drawings and specifications to 90% completion level
  - b. Estimated drawing sheet count 57. Specifications 16 divisions.
  - c. Prepare opinion of probably construction cost (OPCC) to Class 2 level (-10%, + 20%)
  - d. Review of 90% design – 2 weeks allotted

- e. Review of design package with Owner: on-site meeting
  - f. Preparation of final plans and specifications for submittal to DEQ for approval.
  - g. Final fixes (if necessary).
  - h. Task 300 completion – November 13, 2023
  - i. Bidding services and services during construction will be scoped separately.
7. Site information gathering (10:30 am – 3:30 pm)
- a. Review of survey information
  - b. Review of electrical

Notes:







**Sun Valley  
Water & Sewer District**

**Rate, Connection Fee and  
Financial Planning Results**

1. Objectives
2. Updated financial planning framework
3. Connection fee updates
4. Rate sufficiency analysis
5. District's current financial position
6. Selected financial planning scenario
7. Rate recommendations & bill impact analysis

- **Long-term financial roadmap**
  - Forecasts of revenues, O&M, debt
  - Flow of funds from high-level perspective
- **Evaluate CIP funding strategies**
  - Balancing of funding alternatives (debt, PAYGO, reserves)
  - Estimated near- and long-term rate impacts
- **Track key financial metrics**
  - Ensure funding strategy meets internal policies
  - Days cash on hand, minimum fund balance
  - Debt service issuance requirements

- **Answers to planning hypotheticals**
  - How much CIP can I afford given X% rev. increases?
  - What is the best mix of cash vs. debt financing?
  - How do I smooth rates for (upcoming) significant capital projects?
  - What level of reserves is adequate?
  - Are water and sewer functions self-sufficient?
- **Simplification of financial management**
  - Consolidate multiple funding sources
  - Ensure connection fee revenues pay for CIP



# Financial Planning Framework

- **Model summarizes cash flow forecasts**
  - Organizes key assumptions, inputs
  - Revenue and expense forecasts developed by line item
  - Future capital projects identified and sequenced by year
  - Tracks metrics (operating reserves, debt coverage)
- **Provides framework for CIP funding decisions**
  - Identification of timing and magnitude of funding sources
  - Balancing of net revenue financing (PAYGO) versus long-term debt issuance
- **Cash-basis rate making approach**
  - Most widely used of two industry-standard methods

# Assumptions and Inputs

*Model presents real-time impact of changes to key variables and other assumptions*

SUN VALLEY WATER AND SEWER DISTRICT		Rate Impact / Financial Planning Model Updated: April 2023			
<b>GENERAL PLANNING</b>		<b>OTHER Assumptions</b>			
Current Fiscal Year	2023	Growth in Water EDUs	0.35%		
Operating Fund- Min. Balance (days of O&M)	180	Growth in Sewer EDUs	0.35%		
Target Debt Service Coverage (min)	1.25	Change in Water Volume	0.00%		
<b>COST Assumptions</b>		Change in Reuse Volume	0.00%		
Default Cost Inflation Rate	3.00%	Billable Sewer Flows as % Water	2.10%		
Capital Cost Escalation Rate	5.00%	Non-Rate Revenue Growth	2.00%		
Personnel Cost Escalation Rate	4.00%				
KSTP O&M Escalation Rate	6.00%				
Gas & Electric Cost Escalation Rate	4.50%				
<b>FUND Assumptions</b>					
Fund Type	Beginning Balance	Interest Earned	Restricted Funds		
General Operating Fund	\$ 7,643,200	2.50%	\$ -		
Capital Reserves or Construction Fund	\$ 105,500	2.50%	\$ -		
Other Funds (bond repayment accounts)	\$ 46,700	2.50%	\$ -		
<b>FINANCIAL PLAN Methodology</b>					
Choose financial planning methodology (see note)					
<input checked="" type="radio"/> Use FORECASTED water and sewer capital expenditures <input type="radio"/> Reverse CIP AFFORDABILITY calculation					
<b>FINANCING Assumptions</b>					
<b>Revenue Bonds</b>		<b>GO Bonds</b>		<b>VEPIA</b>	
Cost of issuance	1.50%	Cost of issuance	1.00%	Cost of issuance	0.00%
Bond Surety	0.00%	Cost of issuance	1.00%	Cost of issuance	0.00%
Interest Rate	4.00%	Interest Rate	4.00%	Interest Rate	0.00%
Bond Term (years)	30	Term (years)	20	Term (years)	30
Bond Reserve	5.78%	Funded Reserve	0.00%		
<a href="#">Assumptions</a>   <a href="#">O&amp;M-Detail</a>   <a href="#">O&amp;M-Sum</a>   <a href="#">RATES</a>   <a href="#">RateRevs</a>   <a href="#">OtherRevs</a>   <a href="#">ExDebt</a>   <a href="#">NewDebt</a>   <a href="#">WCIP</a>   <a href="#">S</a>					

- Customer growth, expense escalation, capital cost escalation, cash balance data, etc
- Provides two different CIP planning methods
- Includes debt issuance assumptions for multiple financing instruments



# Cash Flow Forecasts

*Historical trend analysis informs forecasts of future financial performance*

<b>Historical &amp; Forecasted Rate Revenues</b>											
		<i>Historical Data</i>						<i>Current</i>			
		FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CAGR	FY 2023	FY 2024	FY 2025	FY 2026
<b>Bill Code</b>	<b>Billing Determinants</b>										
1 - 4	Water Volume (Quarterly Reports)	515,312	487,388	553,360	508,638	434,426	-4.2%	471,531	471,531	471,531	471,531
5	Water Volume (Monthly Reports)		65,185	58,502	49,015	62,737	-1.3%	55,876	55,876	55,876	55,876
5	Reuse Volume		64,713	85,208	87,282	71,369	3.3%	79,328	79,326	79,326	79,326
1 - 5	Outside Surcharge Volume	7,642	10,972	13,621	10,759	10,047	7.1%	10,403	10,403	10,403	10,403
<b>Subtotal, Billable Water Volume (kgals)</b>		<b>522,954</b>	<b>608,258</b>	<b>708,691</b>	<b>655,691</b>	<b>578,580</b>		<b>617,135</b>	<b>617,135</b>	<b>617,135</b>	<b>617,135</b>
5	Billable Sewer Volume (kgals)		15,415	12,720	11,724	11,531	-9.2%	11,294	11,294	11,294	11,294
<b>Billable Sewer as % of Water</b>		<b>0.00%</b>	<b>2.84%</b>	<b>2.04%</b>	<b>2.06%</b>	<b>2.27%</b>		<b>2.10%</b>	<b>2.10%</b>	<b>2.10%</b>	<b>2.10%</b>
1 - 4	Water EDUs	2,794	2,805	2,811	2,819	2,838	0.37%	2,848	2,856	2,866	2,874
1 - 4	Sewer EDUs	2,725	2,738	2,745	2,752	2,767	0.38%	2,777	2,787	2,797	2,807
5	Flat Water Revenues		\$ 14,370	\$ 14,891	\$ 14,605	\$ 14,883	1.2%	\$ 14,883	\$ 14,883	\$ 14,883	\$ 14,883
5	Flat Sewer Revenues		\$ 6,489	\$ 7,257	\$ 7,064	\$ 7,270	3.9%	\$ 7,270	\$ 7,270	\$ 7,270	\$ 7,270
		FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2023	FY 2024	FY 2025	FY 2026
<b>Rate Revenue Component</b>											
	Water Volume Revenues	\$ 793,580	\$ 820,162	\$ 939,187	\$ 858,782	\$ 765,632	-0.9%	\$ 812,207	\$ 1,097,007	\$ 1,318,518	\$ 1,318,518
	Reuse Volume Revenues	-	84,127	110,771	113,467	92,780	3.3%	103,123	139,613	168,170	168,170
	Outside Surcharge Revenues	17,653	25,346	31,465	24,852	23,209	7.1%	24,030	32,457	39,010	39,010
	Sewer Volume Revenues	-	20,178	16,650	15,347	15,094	-9.2%	14,784	19,968	24,000	24,000
	Water Base Charge Revenues	655,398	657,941	659,348	661,225	665,212	0.4%	667,558	904,438	1,089,195	1,089,195
	Sewer Base Charge Revenues	752,985	756,564	758,498	760,433	764,577	0.4%	767,341	1,039,662	1,252,161	1,252,161
	Flat Rate Water Revenues	-	14,370	14,891	14,605	14,883	1.2%	14,883	14,883	14,883	14,883
	Flat Rate Sewer Revenues	-	6,489	7,257	7,064	7,270	3.9%	7,270	7,270	7,270	7,270
<b>Subtotal, PREDICTED Annual Rate Revenues</b>		<b>\$ 2,219,616</b>	<b>\$ 2,385,175</b>	<b>\$ 2,538,068</b>	<b>\$ 2,455,775</b>	<b>\$ 2,348,658</b>	<b>1.4%</b>	<b>\$ 2,411,197</b>	<b>\$ 3,255,299</b>	<b>\$ 3,913,208</b>	<b>\$ 4,100,000</b>

# Projected Performance

*Estimates of net operating revenue change based on CIP funding decisions*

Operating forecasts are impacted by:

1. Rate adjustments (levels of PAYGO financing);
2. Issuance of long-term debt and corresponding payments; and
3. Incremental O&M for new facilities (e.g. WTP)

<b>General Operating Fund</b>				
<b>Sources and Uses of Cash</b>				
	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>
<i>Beginning Balance:</i>	\$ 7,689,900	\$ 1,926,857	\$ 1,686,290	\$ 1,754,730
<b>SOURCES</b>				
Water Rate Revenues	\$ 1,518,679	\$ 2,048,785	\$ 2,461,606	\$ 2,601,561
Sewer Rate Revenues	789,395	1,066,901	1,283,431	1,358,411
Sale of Reuse Water	103,123	139,613	168,170	177,611
Other Revenues	1,200,122	1,223,927	1,248,209	1,272,911
Connection Fee Revenues	50,000	57,220	57,220	57,220
Tax Revenues for Existing Debt	325,767	251,358	-	-
Tax Revenues for New Debt	-	-	525,374	525,374
Interest Revenues	114,704	41,504	35,996	37,811
<b>TOTAL</b>	<b>\$ 4,101,789</b>	<b>\$ 4,829,307</b>	<b>\$ 5,780,006</b>	<b>\$ 6,031,111</b>
<b>USES</b>				
O&M Expense (base)	\$ 3,609,210	\$ 3,281,441	\$ 3,429,116	\$ 3,583,811
Incremental O&M (related to new facilities)	-	-	-	-
Existing Debt Service	335,623	261,214	9,856	9,856
New Debt Service	-	-	525,374	525,374
Connection Fee Revenue Transfers (for CIP)	50,000	57,220	57,220	57,220
Pay-as-you-go Transfers (for CIP)	5,870,000	1,470,000	1,690,000	1,770,000
<b>TOTAL</b>	<b>\$ 9,864,833</b>	<b>\$ 5,069,874</b>	<b>\$ 5,711,565</b>	<b>\$ 5,946,261</b>
<i>Ending Cash Balance</i>	\$ 1,926,857	\$ 1,686,290	\$ 1,754,730	\$ 1,839,611
<b>Net Increase (Decrease) - excluding PAYGO</b>	<b>\$ 106,957</b>	<b>\$ 1,229,433</b>	<b>\$ 1,758,440</b>	<b>\$ 1,854,811</b>

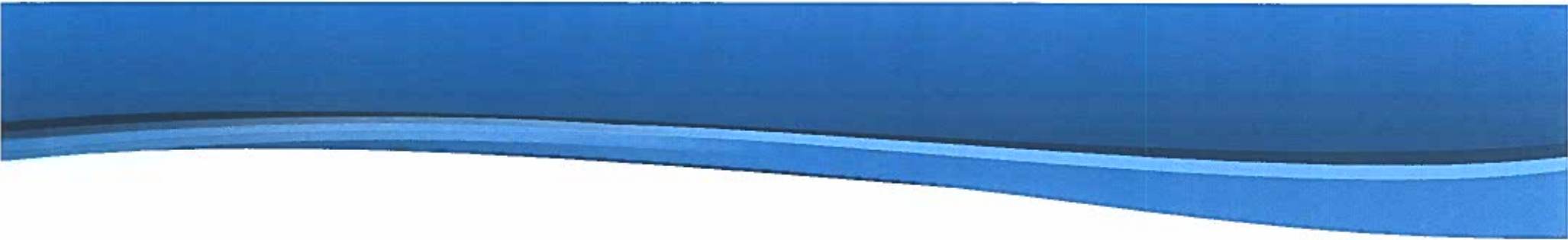
# CIP Dashboard

*Funding plan alternatives developed in minutes*

<b>Capital Financing Plan</b>							
	FY 2023	FY 2024	FY 2025	FY 2026			
<i>Beginning Balance, Construction Fund</i>	\$ 105,500	\$ 2,702,500	\$ 946,470	\$ 5,549,			
Water Projects (included)	2,685,000	2,073,750	2,634,975	2,315,			
Sewer KSTP Projects	638,000	1,209,500	1,509,500	1,736,			
Sewer Collection Projects (excluded)	-	-	-	-			
<b>Forecasted CIP Expenditures</b>	<b>\$ 3,323,000</b>	<b>\$ 3,283,250</b>	<b>\$ 4,144,475</b>	<b>\$ 4,073,</b>			
<b>Transfer In, Connection Fee Revenues</b>	\$ 50,000	\$ 57,220	\$ 57,220	\$ 57,220	\$ 57,220	\$ 57,220	
<b>Revenue Bonds</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>GO Bonds</b>	\$ -	\$ -	\$ 7,000,000	\$ -	\$ -	\$ -	
Debt Service Coverage	NA	NA	NA	NA	NA	NA	
Meets Target Coverage?	Yes	Yes	Yes	Yes	Yes	Yes	
<b>System-Wide Rate Increase:</b>	NA	35.0%	20.0%	5.5%	5.5%	5.5%	
Monthly SFR Bill w/ Irrigation (25 kgals)	\$ 81.07	\$ 109.48	\$ 131.48	\$ 138.77	\$ 146.53	\$ 154.76	
<b>Pay-As-You-Go Transfers</b>	\$ 5,870,000	\$ 1,470,000	\$ 1,690,000	\$ 1,770,000	\$ 1,880,000	\$ 1,980,000	
Ending Balance, Operating Fund	1,926,857	1,686,290	1,754,730	1,839,620	1,918,503	2,009,163	
Operating Reserve Min. Balance Requirement	1,804,605	1,640,720	1,714,558	1,791,909	1,877,950	1,957,864	
<b>Total Funds Available for Capital</b>	<b>\$ 6,025,500</b>	<b>\$ 4,229,720</b>	<b>\$ 9,693,690</b>				18
<i>Ending Balance, Construction Fund</i>	\$ 2,702,500	\$ 946,470	\$ 5,549,215				11
<b>Is the Funding Requirement Met?</b>	Yes	163 Yes	Yes				

Framework allows user to specify combination of funding sources to meet CIP needs

Rate impacts and performance metrics displayed



# **Water & Sewer Connection Fee Update**

# Connection Fee Update

- **Consistent with recent State court ruling**
  - Future capital projects are NOT included
  - Fee based on prior investment and existing capacity
  - Excludes contributed assets & outstanding principal
- **Updated maximum fees:**
  - Water fee for 1-inch \$2,829 (previously \$1,900)
  - Sewer fee for 1-inch \$2,893 (previously \$3,100)
  - Combined fee increases from \$5,000 to \$5,722 (14%)
  - Connection fees account for less than 2% of revenues
  - *Sewer fee decrease attributed to increased system capacity caused by reductions in I&I*

# Water Capacity Analysis

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Existing max day system capacity (gpd)	9,146,880
Average max day utilization (gpd) <sup>1</sup>	7,808,000
Available capacity for new customers (gpd)	1,338,880
Percent capacity available for new customer	14.6%

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*1 - Max day demand over the most recent four-year period*

Number of 2022 EDUs served by System	3,257
Max day utilization per EDU (gpd)	2,397
Total EDUs served by System	3,815
New EDUs served by excess capacity	558

---

# Water Investment Analysis

<b>Asset Category</b>	<b>Original Cost</b>
Water Improvements <sup>1</sup>	\$ 9,348,322
Water Equipment	405,631
Land & Buildings	959,232
Other	56,105
<b>Subtotal, Water System Investment</b>	<b>\$ 10,769,290</b>
<b>Adjustments:</b>	
Principal on Water System Debt	(121,782)
Other Adjustments	148,000
<b>Net Water System Value</b>	<b>\$ 10,795,508</b>
<i>1 - Excludes assets contributed by developers</i>	
EDUs served by existing capacity	3,815
<b>Water Connection Fee per EDU</b>	<b>\$ 2,829</b>

# Sewer Capacity Analysis

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Existing system capacity (gpd) <sup>1</sup>	1,850,000
Peak month utilization (gpd) <sup>2</sup>	796,846
Available capacity for new customers (gpd)	1,053,154
Percent capacity available for new customers	56.9%

---

*1 - The District's share of existing KSTP capacity*

*2 - Based on peak month flow information presented in the 2022 Wastewater Facility Planning study (Table E.2) and historical sewer flow data*

Number of 2022 EDUs served by System	2,951
Max day utilization per EDU (gpd)	270
Total EDUs served by System	6,851
New EDUs served by excess capacity	3,900

---



# Sewer Investment Analysis

<b>Asset Category</b>	<b>Original Cost</b>
KSTP Facilities	\$ 13,334,393
Reuse Facilities	4,613,071
Sewer Improvements <sup>1</sup>	803,109
Sewer Equipment	516,745
Land & Buildings	274,276
Other	58,802
<b>Subtotal, Sewer System Investment</b>	<b>\$ 19,600,396</b>
<b>Adjustments:</b>	
Principal on Sewer System Debt	(121,782)
Other Adjustments	343,836
<b>Net Sewer System Value</b>	<b>\$ 19,822,450</b>
<i>1 - Excludes assets contributed by developers or otherwise paid for directly by sewer customers (McHanville)</i>	
EDUs served by existing capacity	6,851
<b>Sewer Connection Fee per EDU</b>	<b>\$ 2,893</b>

# DRAFT Fee Schedules

- Fees scaled up based on meter size
  - Larger meters represent larger claims on system capacity
  - Hydraulic meter ratios published by AWWA and WEF
  - Standard industry practice

- Board's discretion to set fee based on the maximum fee allowed

Meter Size	Proposed Water Fee	Proposed Sewer Fee
1" Meter	\$ 2,829	\$ 2,893
1.5" Meter	\$ 5,659	\$ 5,787
2" Meter	\$ 9,054	\$ 9,259
3" Meter	\$ 16,976	\$ 18,517
4" Meter	\$ 31,123	\$ 28,933
6" Meter	\$ 63,718	\$ 57,866
8" Meter	\$ 96,199	\$ 92,586



# Rate Sufficiency Analysis

# Revenue Generation vs Cost Allocation

	Water	Sewer	Water	Sewer
<b>SOURCES</b>				
Water Rate Revenues	100.0%	0.0%	\$ 1,518,679	\$ -
Sewer Rate Revenues	0.0%	100.0%	\$ -	\$ 789,395
Sale of Reuse Water	0.0%	100.0%	\$ -	\$ 103,123
Hook-up, Interest, and Misc Revenues	50.0%	50.0%	\$ 65,352	\$ 65,352
Property Tax and Sales Tax Revenues	50.0%	50.0%	\$ 587,133	\$ 587,133
Bond Tax Revenues	0.0%	100.0%	\$ -	\$ 325,767
Reimbursed Project Cost Revenues	0.0%	100.0%	\$ -	\$ 9,856
<b>TOTAL</b>			<b>\$ 2,171,163</b>	<b>\$ 1,880,626</b>
<i>Percentage Allocation</i>			53.6%	46.4%
<b>USES</b>				
O&M Expense	51.3%	48.7%	\$ 1,851,396	\$ 1,757,814
Series 2018 Debt Service	0.0%	100.0%	-	\$ 325,767
McHanville Debt Service	0.0%	100.0%	-	\$ 9,856
<b>TOTAL</b>			<b>\$ 1,851,396</b>	<b>\$ 2,093,437</b>
<i>Percentage Allocation</i>			46.9%	53.1%
<b>SYSTEM SURPLUS or DEFICIT</b>			<b>\$ 319,768</b>	<b>\$ (212,811)</b>
<i>Percentage surplus or deficit</i>			<b>17.3%</b>	<b>-10.2%</b>

# Rate Sufficiency Analysis

- **System revenue requirements compared to allocated costs**
  - Water revenues adequately cover operating requirements
  - Sewer revenues are \$213k (10%) below requirements
  - Translates to roughly 28% increase in sewer base charge to achieve full cost recovery
- **Sewer rate adjustments are discretionary**
  - System re-balancing is policy decision
  - Based on feedback, sewer base charge increase incorporated into FY 2024 rate structure adjustment



# **District's Current Financial Position**

# Current Financial Position

- **Healthy operating reserves (\$7.7M)**
  - Important funding source for future capital
  - Equal to 767 days of O&M
- **Annual net revenue generation is low**
  - O&M expenses increasing (15.5% per year since FY 2018)
  - Inflationary pressures will continue, KSTP changes
  - Expected net revenues of \$100k in current year
- **CIP requirements are 317x to 556x net revenues**
  - Current debt burden is low and terminates next year
  - Significant rate adjustments will be required to provide PAYGO financing



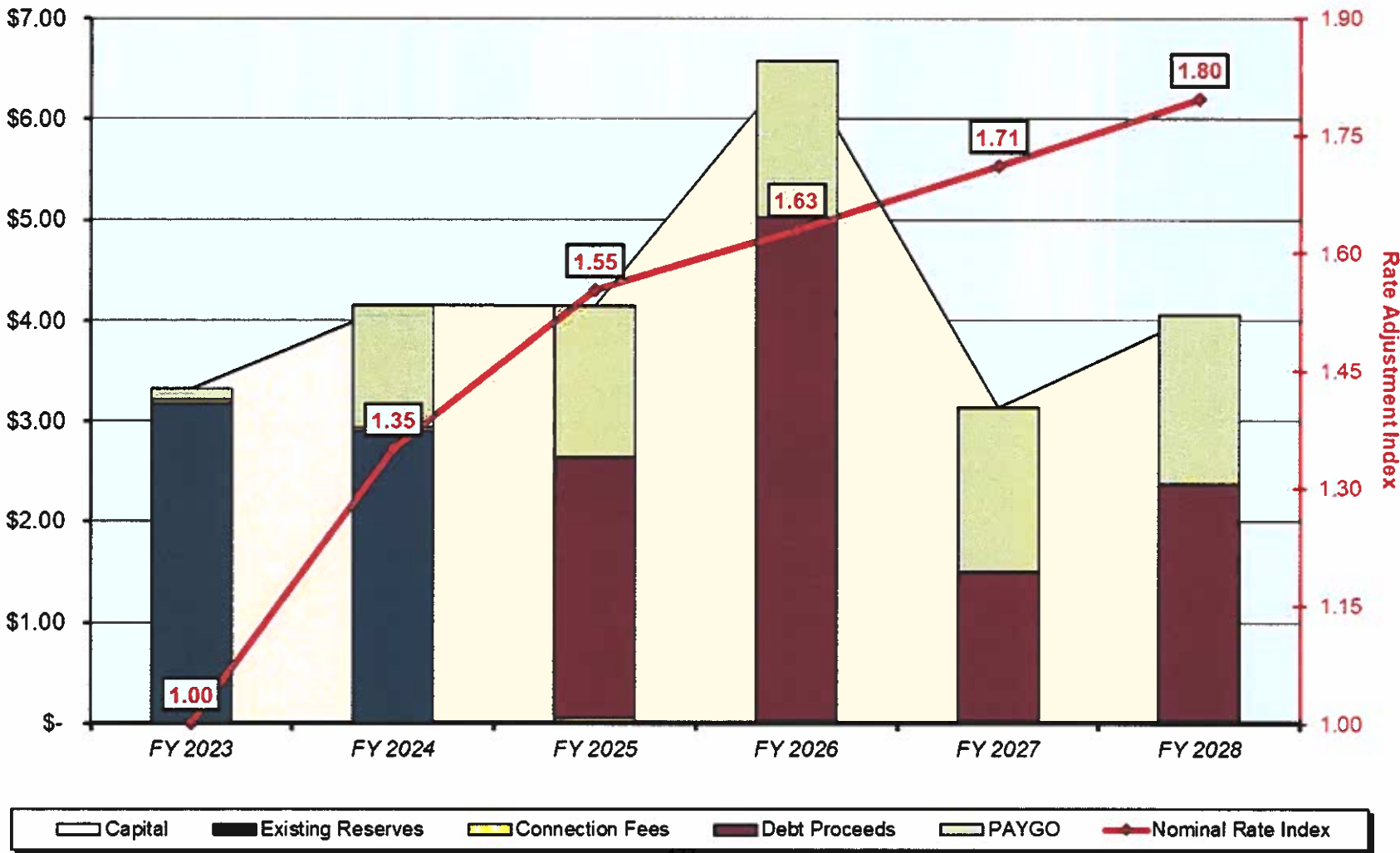
# **Selected Financial Planning Scenario**



# CIP Financing Plan: Chart

## Strategic Financial Plan & Rate Impacts

Timing and Sources of Funds, 6-year Plan (nominal millions)



# CIP Financing Plan: Table

## Annual CIP Expenditures and Funding by Source (in millions)

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL	Percent
<b>Projected Capital Expenditures</b>	<b>\$ 3.32</b>	<b>\$ 4.15</b>	<b>\$ 4.14</b>	<b>\$ 6.57</b>	<b>\$ 3.13</b>	<b>\$ 4.06</b>	<b>\$ 25.37</b>	
<b>Proposed Rate Increases</b>	<b>-</b>	<b>varies<sup>1</sup></b>	<b>15.0%</b>	<b>5.0%</b>	<b>5.0%</b>	<b>5.0%</b>		
Operating Revenues	0.10	1.22	1.51	1.55	1.62	1.68	7.69	30.3%
Connection Fee Revenues	0.03	0.03	0.03	0.03	0.03	0.03	0.20	0.8%
Debt Proceeds <sup>2</sup>	-	-	2.57	4.99	1.47	2.34	11.38	44.8%
Existing Reserves	3.19	2.90	0.03	-	-	-	6.11	24.1%
<b>Total Funds</b>	<b>\$ 3.32</b>	<b>\$ 4.15</b>	<b>\$ 4.14</b>	<b>\$ 6.57</b>	<b>\$ 3.13</b>	<b>\$ 4.06</b>	<b>\$ 25.37</b>	<b>100.0%</b>

1 - Includes a 50% increase to the sewer base charge and implementation of the inclining block irrigation rate structure; all other rates will remain the same

2 - Over \$620k of the \$12.0 million FY 2025 debt issuance will remain available for capital projects beyond FY 2028

# CIP Financing Plan

- CIP requirements of \$25.4 million over 6 years
  - Includes near-term sewer collection projects
- Three primary funding sources:
  - Existing reserves (\$6.1M, 24%)
  - Debt proceeds (\$11.4M, 45%)
  - Net operating revenues generated from rate increases (\$7.7M, 30%)
- \$12M debt issuance in FY 2025 is key assumption
  - District must explore debt feasibility with Financial Advisor (not part of this study)
  - Financing plan may need to be adjusted



# **Rate Recommendations & Bill Impact Analyses**

# Rate Recommendation

- **FY 2024 limited to rate structure *adjustments***
  - 50% sewer base charge increase to re-balance water and sewer system equity
  - Implementation of inclining block irrigation rates
- **FY 2025 system-wide rate increase of 15%**
  - Applied to all rate components
  - May be adjusted up or down based on demand response to inclining block
- **District should publish two-year rate schedule**
  - Customers know what to expect
  - CIP funding roadmap clearly communicated

# FY 2024-25 Rate Schedule

*Monthly billing will facilitate evaluation of demand pattern changes and future rate analysis*

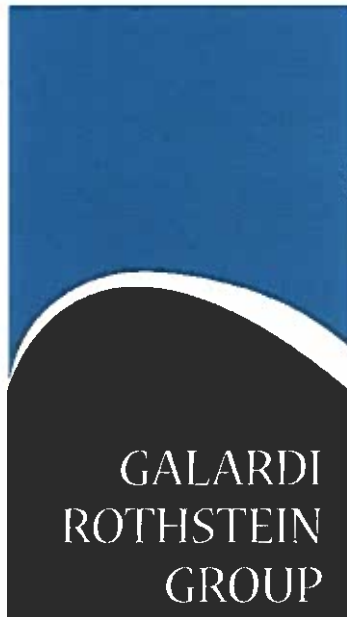
	<i>Existing</i>	<i>FY 2024</i>	<i>FY 2025</i>
Water base charge (quarterly)	\$58.64	\$58.64	\$67.44
Sewer base charge (quarterly)	\$69.08	<b>\$103.62</b>	\$119.17
Water base charge (monthly)	\$19.55	\$19.55	\$22.48
Sewer base charge (monthly)	\$23.03	<b>\$34.54</b>	\$39.72
<b><i>Irrigation rate</i></b>	<b><i>Threshold</i></b>		
Tier 1	0 - 25 kgals	\$1.54	\$1.78
Tier 2	26 - 50 kgals	\$1.54	<b>\$1.79</b>
Tier 3	51 - 75 kgals	\$1.54	<b>\$2.09</b>
Tier 4	76 - 100 kgals	\$1.54	<b>\$2.59</b>
Tier 5	above 100 kgals	\$1.54	<b>\$3.59</b>
Reuse rate		\$1.30	\$1.50

# FY 2024 Bill Impacts

*Customers' bill impacts will vary based on the level of water use*

	Usage (kgals)*	Existing Rates			Existing Subtotal	Proposed Rates		Revised Subtotal	% Change
		Water Base	Sewer Base	Irrigation Charge		Sewer Base	Irrigation Charge		
<b>Residential Customers</b>									
Residential Customer #1	146	\$58.64	\$69.08	\$224.84	<b>\$352.56</b>	\$103.62	\$242.59	<b>\$404.85</b>	15%
Residential Customer #2	215	58.64	69.08	331.10	<b>458.82</b>	103.62	385.60	<b>547.86</b>	19%
Residential Customer #3	339	58.64	69.08	522.06	<b>649.78</b>	103.62	740.76	<b>903.02</b>	39%
Residential Customer #4	499	58.64	69.08	768.46	<b>896.18</b>	103.62	1,315.16	<b>1,477.42</b>	65%
Residential Customer #5	632	58.64	69.08	973.28	<b>1,101.00</b>	103.62	1,792.63	<b>1,954.89</b>	78%
Residential Customer #6	885	58.64	69.08	1,362.90	<b>1,490.62</b>	103.62	2,700.90	<b>2,863.16</b>	92%
Residential Customer #7	1,403	58.64	69.08	2,160.62	<b>2,288.34</b>	103.62	4,560.52	<b>4,722.78</b>	106%
<b>Non-Residential Customers (billed quarterly)</b>									
Wildflower Condos	4,053	4,585.65	5,402.06	6,241.62	<b>16,229.33</b>	8,103.09	12,645.27	<b>25,334.01</b>	56%
Creekside Sun Valley	6,198	4,421.46	5,208.63	9,544.92	<b>19,175.01</b>	7,812.95	19,603.32	<b>31,837.73</b>	66%
Diamondback Townhomes	3,361	2,111.04	2,348.72	5,175.17	<b>9,634.93</b>	3,523.08	10,735.95	<b>16,370.07</b>	70%
City of Sun Valley	5,309	293.20	138.16	8,176.32	<b>8,607.68</b>	207.24	17,155.39	<b>17,655.83</b>	105%
Community School	2,032	234.56	138.16	3,129.28	<b>3,502.00</b>	207.24	5,929.13	<b>6,370.93</b>	82%
Sun Valley Company	2,777	20,236.49	23,562.97	4,276.58	<b>48,076.04</b>	35,344.46	9,016.93	<b>64,597.88</b>	34%
Our Lady of the Snows	823	111.42	131.25	1,267.42	<b>1,510.09</b>	196.88	2,478.32	<b>2,786.62</b>	85%
Legends	389	1,348.72	1,588.84	599.06	<b>3,536.62</b>	2,383.26	920.26	<b>4,652.24</b>	32%
Blaine Co. Rec. District	696	58.64	0.00	1,071.84	<b>1,130.48</b>	0.00	2,022.39	<b>2,081.03</b>	84%
<b>Non-Residential Customers (billed monthly)</b>									
Sun Valley Co - Laundry	602	0.00	788.28	927.39	<b>1,715.67</b>	1,182.42	1,685.65	<b>2,868.07</b>	67%
Sun Valley Co - Other	17,591	0.00	513.50	23,667.94	<b>24,181.44</b>	770.25	23,856.05	<b>24,626.30</b>	2%
SV Community School	314	0.00	137.00	503.64	<b>640.64</b>	205.50	558.35	<b>763.85</b>	19%
SV Elkhorn Association	499	0.00	652.80	768.00	<b>1,420.80</b>	979.20	1,124.87	<b>2,104.07</b>	48%
St. Luke's Medical	1,561	0.00	237.26	2,422.94	<b>2,660.20</b>	355.89	4,782.27	<b>5,138.16</b>	93%

\* Reflects recent historical usage during the summer months



**CONTACT:**

**Cody Stanger**  
*Principal*

801-597-4660  
CSTANGER@GRG-LTD.COM







June 14, 2023

**TO:** Board of Directors/Sun Valley Water & Sewer

**RE:** Project Address: 98 Elkhorn Road, Hoff Residence

Mary Beth,

I hope this email finds you well. I am writing on behalf of RSInc. to request the conversion of our current Permit approved fire suppression system from a 1" setup to a 2" configuration.

We have identified the need for an upgrade in our fire suppression capabilities to ensure the utmost safety and compliance with industry standards. After careful evaluation and consultation with our fire safety (SV Fire Dept.) experts, it has been determined they are requiring that transitioning to a 2" fire suppression system will significantly enhance our ability to effectively manage fire incidents and mitigate potential risks.

The benefits of this conversion include:

1. **Increased Flow Capacity:** The larger diameter of the 2" system allows for higher water flow rates, ensuring efficient fire suppression across our entire premises.
2. **Improved Fire Response Time:** With a 2" setup, we can achieve quicker water delivery to the affected areas, minimizing the potential spread of fire and reducing the response time of emergency personnel.
3. **Enhanced Flexibility:** The upgraded system provides greater flexibility for future expansion, accommodating any potential changes in building layout or occupancy requirements.

We kindly request your assistance in initiating the necessary steps to convert our current approved fire suppression system to the proposed 2" configuration.

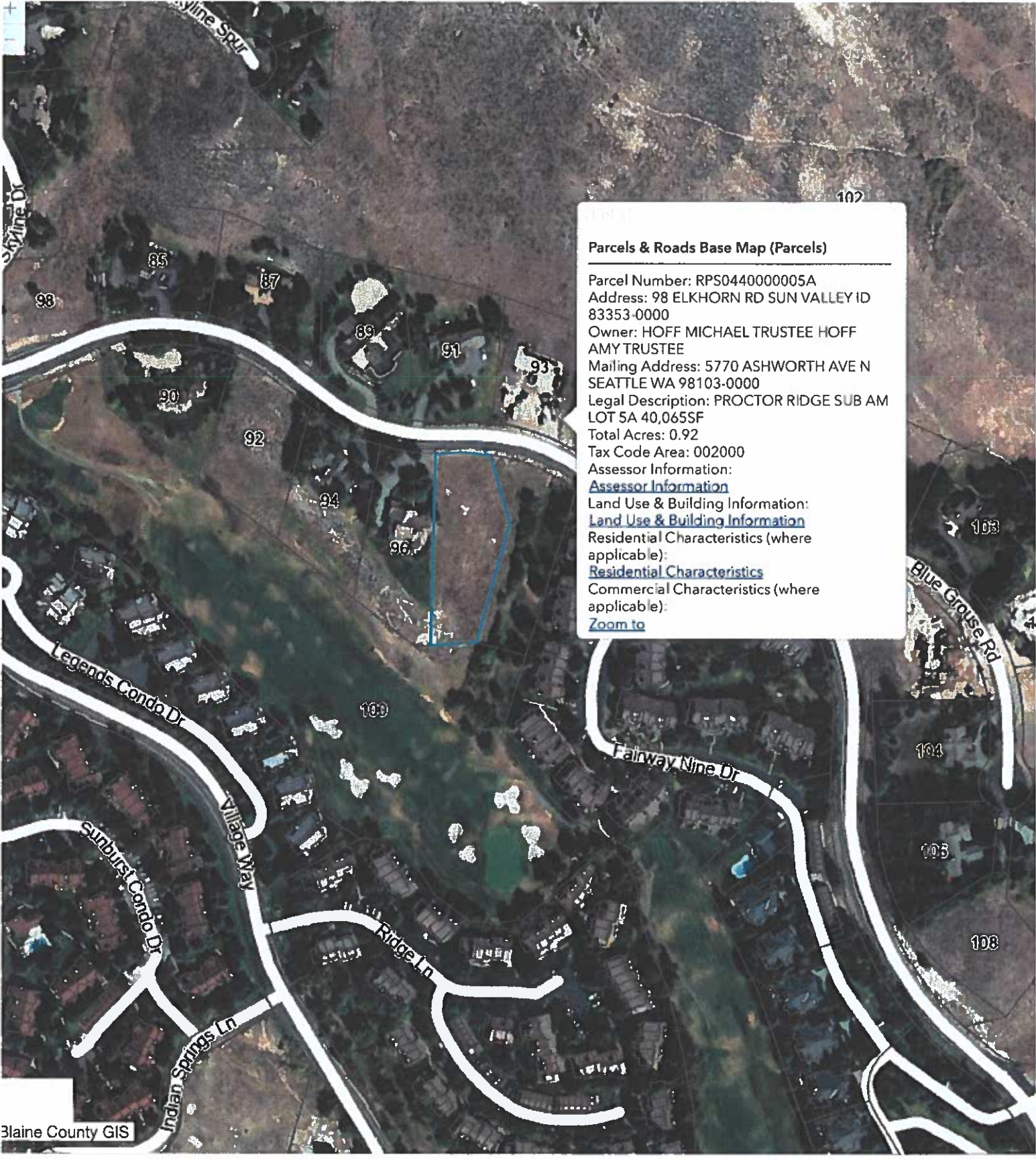
If you require any additional information or if there are specific requirements or procedures we need to follow for this conversion, please do not hesitate to let us know. We value your expertise and guidance throughout this process.

Thank you for your prompt attention to this matter. We look forward to your positive response and working together to enhance the fire safety measures within our organization.

Best Regards,

Stephanie Wells

Project Engineer: Direct line: 208.928.4870



**Parcels & Roads Base Map (Parcels)**

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Parcel Number: RPS0440000005A  
 Address: 98 ELKHORN RD SUN VALLEY ID 83353-0000  
 Owner: HOFF MICHAEL TRUSTEE HOFF AMY TRUSTEE  
 Mailing Address: 5770 ASHWORTH AVE N SEATTLE WA 98103-0000  
 Legal Description: PROCTOR RIDGE SUB AM LOT 5A 40,065SF  
 Total Acres: 0.92  
 Tax Code Area: 002000  
 Assessor Information:  
[Assessor Information](#)  
 Land Use & Building Information:  
[Land Use & Building Information](#)  
 Residential Characteristics (where applicable):  
[Residential Characteristics](#)  
 Commercial Characteristics (where applicable):  
[Zoom to](#)

Blaine County GIS



Date: 07/13/2021

To: Maya Lewis

Re: 2021-55/ Hoff Residence/ 98 Elkhorn Rd

I have reviewed the submitted plans for the Hoff residence a new type V structure with a total of 7,120 Sq. Ft. protected with an automatic fire sprinkler system. The plans appear to meet the intent of the International Fire Code 2018 with the following conditions:

The Fire Department comments:

1. The total fire area of structure exceeds 6,000 Sq. Ft. and shall be equipped with an automatic fire sprinkler system. (Ord. 525, 4-5-2018)
2. The structure exceeds the 150-foot hose length requirement and will be required to install a dry standpipe exterior of the home to help extend hose lays
3. All Exterior fireplaces or fire pits shall be non-solid fuel burning appliances.
4. The Fire Department will require a fire department Key box to be installed at the residence.
5. The address shall be posted in a place that is visible from the street and shall be on contrasting background so as to be visible both day and night and in all weather conditions. The numbers shall be a minimum of 6 inches tall. If an address monument is used, then the numbers shall be no lower than 4 feet from finished grade. The requirement for posting numbers on the residence shall also be in effect and shall be posted in the usual and customary location.

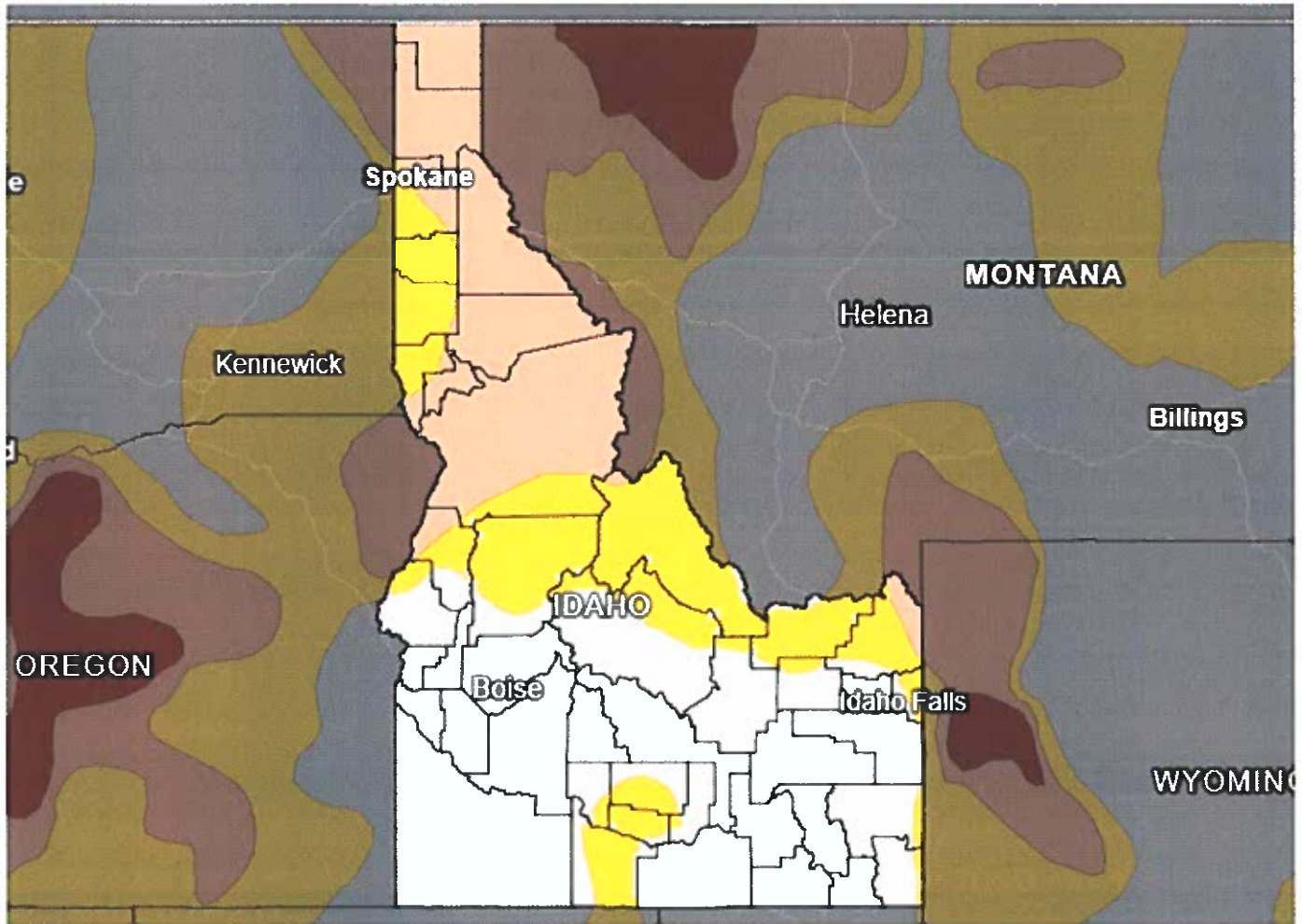
No Changes shall be made to the plans without approval of the Fire Code Official or the Fire Chief.

Reid Black Fire Code Official

City of Sun Valley Fire Department



# U.S. Drought Monitor: Idaho



## Drought & Dryness Categories

Drought & Dryness Category	% of ID
D0 - Abnormally Dry	24.6%
D1 - Moderate Drought	21.6%
D2 - Severe Drought	0.0%
D3 - Extreme Drought	0.0%
D4 - Exceptional Drought	0.0%

Total Area in Drought (D1-D4)

21.6%

Source(s): NDMC, NOAA, USDA

Updates Weekly: 06/13/23

**Drought.gov**



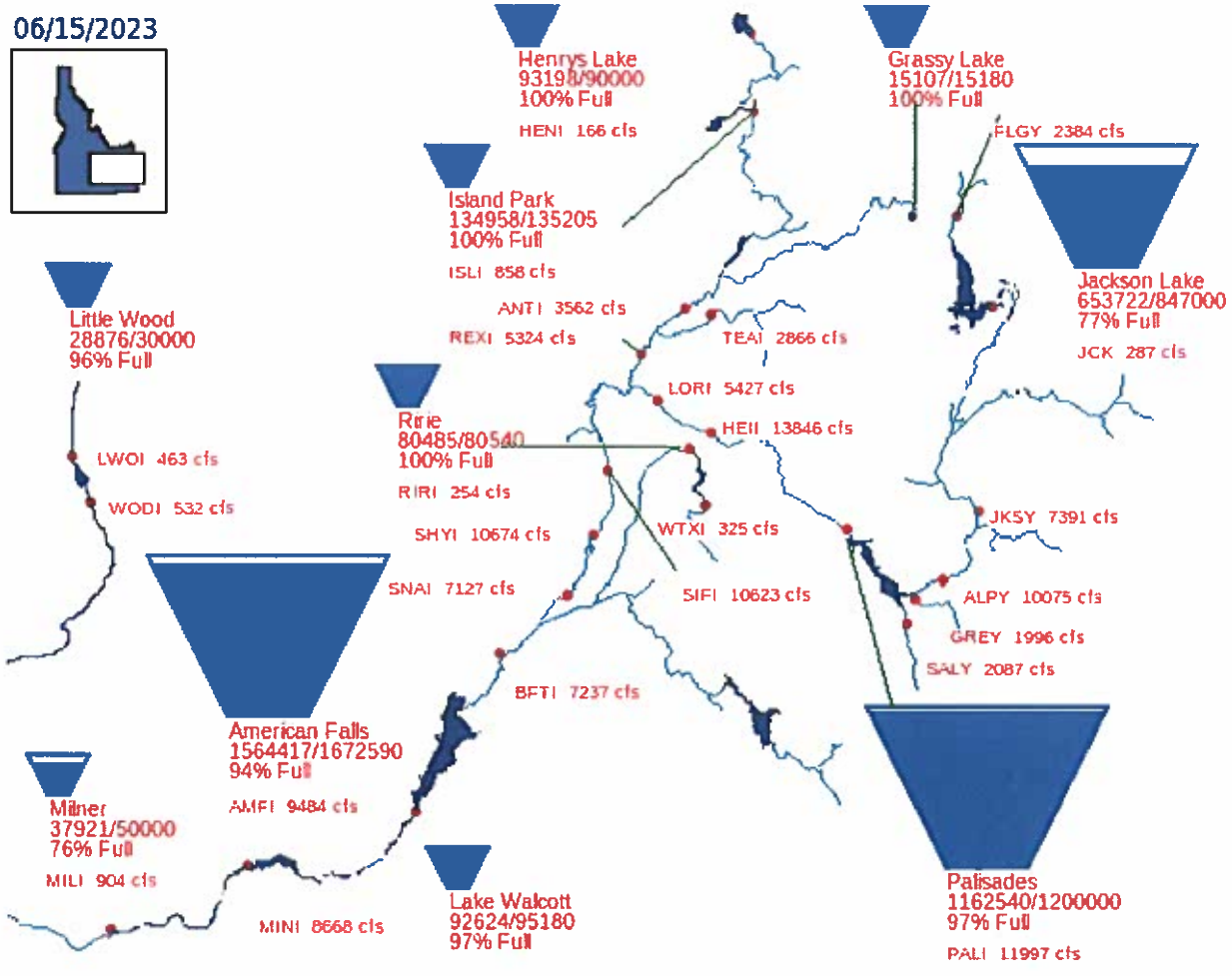
# Columbia-Pacific Northwest Region

Columbia River Basin in Idaho, Oregon, Washington, Montana & Wyoming

Reclamation / Columbia-Pacific Northwest Region / Hydromet / General Information

CPN REGION

## Bureau of Reclamation, Pacific Northwest Region Major Storage Reservoirs in the Upper Snake River Basin



## 25,000 reward offered for information on illegal waste discharge in sewer system

Published at 5:22 pm, May 26, 2023  
Updated at 5:30 pm, May 26, 2023



Logan Ramsey, EastIdahoNews.com



The Oxbow Treatment Plant in Bingham County. | Andrea Olson, EastIdahoNews.com

HELLEY — A local sewer district is seeking information that could lead law enforcement to arrest a person or group of people for illegally discharging 1,300 gallons of silicone-based liquid into the sewer system.

The Eastern Idaho Regional Sewer District is offering a reward of up to \$25,000 for information leading to the identification, arrest and conviction of whoever is responsible for the discharge.

The damage this discharge event did to the Oxbow Wastewater Treatment Plant has already cost the district \$1.2 million in repairs. This reduces the processing capacity of the plant by 25%, leading to a curtailment in June 2022.

### RELATED | Sewer district continues to curtail new connections due to capacity issues

“That was something that should not have happened at all and really hurt our community by stripping away 25% of the plant’s capacity,” said Brian Powell, president of the Eastern Idaho Regional Sewer District. “Our community is paying a price for that.”

Powell said they luckily had reserve funds to draw from, but these funds could have been used for capacity expansion.



ongoing investigation, and is looking for any information that would help them secure a conviction.

In the night of the illegal discharge, Powell said district personnel found the treatment basins foaming upon arriving at the Shelley facility. The silicone-based liquid damaged the membrane treatment system, which is made up of millions of long little strings that filter the liquid.

We had to replace them all," Powell said.

owell said that silicone-based liquid is used in a lot of food processing equipment. He said it can be properly disposed of by working with a landfill.

ou don't dump it down the drain, you take it to a transfer station and they properly dispose of it in containers or burn it off," Powell said.

owell explained this silicon-based liquid wasn't a product itself, "it's a compound, or a product of a product. So it's not somebody taking some silicone liquid and pouring it down the drain. It's part of lubricating oil or oils used in machinery."

nyone who has information on the culprit or culprits of this illegal dumping should reach out to Blackfoot Police Department Detective Blake Davis at (208) 785-1234.

owell said users of the water system affect everyone when they put something down the drain that doesn't belong, even in instances far less dramatic than this one.

As part of our community and everybody who uses the sewer system, let's be mindful of what we're putting down the drain and how that affects everyone that's using the same system," Powell said.

le said many people probably don't think much about what goes down the drain, but the sewer is a collaborative system.

know sometimes we probably don't give a second thought about some of the things we're putting down the drain, but let's work together and be mindful of what we're doing and help each other out and preserve as much capacity at the plant that we can," Powell said.

[SUBMIT A CORRECTION](#)

