

NOVEMBER 8, 2021

MEETING INFORMATION

Zoom address: <https://us06web.zoom.us/j/85114955378>

Call-in Number: (669) 900-9128

Meeting ID: 851 1495 5378

Note: The Board Room is open. Social distancing requirements can be met with Board and Public attendance. Our office complies with all social distancing and facial covering requirements; however, we respect employee and visitor confidentiality and choice.

Per Emergency Directive 047 all employees and visitors are required to wear a mask while in the building.

**WALKER RIVER IRRIGATION DISTRICT
BOARD OF DIRECTORS REGULAR MEETING
YERINGTON, NEVADA**

**November 8, 2021
Monday 10:00 A.M.**

**NOTICE OF MEETING
of the Board of Directors of Walker River Irrigation District**

The Board of Directors of the Walker River Irrigation District will conduct a public meeting on Monday, November 8, 2021, beginning at 10:00 A.M. in the Board meeting room at 410 N. Main Street, Yerington, Nevada.

THIS MEETING WILL BE HELD IN PERSON AND HOSTED VIA ZOOM.

**PERSONS ATTENDING IN PERSON ARE ASKED TO WEAR A FACE MASK
IF NOT FULLY VACCINATED**

The public may attend in person and provide public comment and also comment on Agenda items by emailing comments to jessica@wrid.us. Comments received by email prior to 4:00 P.M. on November 5, 2021, will be entered into the record. Comments may also be submitted during the meeting and by participating in the Joint Zoom Meeting using the information below.

The District appreciates the public's patience and understanding during this difficult and challenging time.

**Topic: October Board Meeting
Time: November 8, 2021 10:00 AM Pacific Time (US and Canada)**

Join Zoom Meeting
<https://us06web.zoom.us/j/85114955378>

Meeting ID: 851 1495 5378
One tap mobile
+13462487799,,85114955378# US (Houston)
+17207072699,,85114955378# US (Denver)

Dial by your location
+1 346 248 7799 US (Houston)
+1 720 707 2699 US (Denver)
+1 253 215 8782 US (Tacoma)
+1 312 626 6799 US (Chicago)
+1 646 558 8656 US (New York)
+1 301 715 8592 US (Washington DC)
Meeting ID: 851 1495 5378

Find your local number: <https://us06web.zoom.us/j/klQcNwf4S>

NOTICE

Agenda items may be taken out of order.

The Board may remove or delay discussion relating to an agenda item at any time.

The Board may combine two or more agenda items for consideration.

The meeting may be continued as deemed necessary.

Requests for supporting material provided to members of the Board, if any, can be provided electronically by a request to jessica@wrid.us. Such supporting material, if any, will be posted on the Walker River Irrigation District website.

OFFICIAL AGENDA

Action may be taken only on those items denoted “**For possible action.**”

1. Public Comment

Any member of the public may address and ask questions of the Board relating to any matter within the Board’s jurisdiction. Public comments need not be related to any item on the Agenda. Action will not be taken on any matter raised by the public until the matter is specifically included on an agenda as an item upon which action will be taken.

2. Roll Call and Determination of Quorum

3. Consideration of Minutes of the October 7, 2021, Regular meeting. (**For possible action**)

4. Water Master’s report

5. Staff Reports including, but not limited to, those items listed:

- A. Treasurer’s Report
- B. Consideration of Bills and Payroll for payment. (**For possible action**)
- C. Manager’s Report
- D. Legal Counsel’s Report
- E. Review and Approval of Monthly Storage Transfers. (**For possible action**)
- F. Storage Water Leasing Program Update

G. FY 2020-2021 Audit Update

6. Report from and direction to Manager concerning results of video of District Well, and findings, and recommendations of Carson Pump LLC, which include, well brushing, a second video after the brushing, new bowl assembly, another 60 feet of column and replacement of the oil tube and shaft. **(For possible action)**
7. Update from the Division of Water Resources regarding groundwater pumping and upcoming fieldwork schedules.
8. Update by Walker Basin Conservancy on activities related to the Walker Basin Restoration Program, including Acquisitions and Conservation and Stewardship Activities.
9. Presentation and discussion by Tim Bardsley with NOAA regarding the current year weather and water outlook for 2022 irrigation season.
10. Presentation and discussion by Rick Stone from RHS Consultants on aircraft Cloud Seeding.
11. Director Comments
12. Public Comment

Any member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction. Public comments need not be related to any item on the Agenda. Action will not be taken on any matter raised by the public until the matter is specifically included on an agenda as an item upon which action will be taken.

13. Adjournment

**WALKER RIVER IRRIGATION DISTRICT
BOARD OF DIRECTORS**

Notice is hereby given that on November 8, 2021, the Board of Directors of the Walker River Irrigation District will conduct a meeting. The meeting will commence at 10:00 A.M. at the Walker River Irrigation District Office at 410 N. Main Street, Yerington, Nevada. The Official Agenda for that meeting is attached hereto and made a part of this Notice.

Date: November 1, 2021

ROBERT C. BRYAN
Manager

I, Robert C. Bryan, WRID Manager, do hereby certify that the foregoing Agenda was duly posted on November 1, 2021, at the following locations:

Walker River Irrigation District Office, 410 N. Main Street, Yerington, Nevada
Lyon County Courthouse, Main Street, Yerington, Nevada
U.S. Post Office Bulletin Board, Main Street, Yerington, Nevada
U.S. Post Office Bulletin Board, Highway 208, Smith, Nevada
U.S. Post Office Bulletin Board, Highway 208, Wellington, Nevada
Walker River Irrigation District's website (<http://www.wrid.us>)
The Nevada Public Notice website pursuant to NRS 232.2175 (<https://notice.nv.gov>)



ROBERT C. BRYAN
Manager

A meeting of the Walker River Irrigation District (WRID) Board of Directors was held on October 7, 2021. The meeting was called to order at 10:00 AM at the District Board Room, 410 N. Main St, Yerington, Nevada by President SNYDER.

Present:

Jim SNYDER	President
Marcus MASINI	Vice President
Richard NUTI	Treasurer
David GIORGI	Director
Robert BRYAN	General Manager
Gordon DePAOLI	Legal Counsel, via phone
Jessica HALTERMAN	Secretary
Sandy NEVILLE	Water Rights Specialist

Public Present:

Taylor Thomas, USBWC	Silas Adams, WBC	Carlene Henneman, WBC
Peter Stanton, WBC	Ed Ryan, MV/SVCD	Ron Mellen, MV/SVCD
Wyatt Fereday, NDWR	Mike Scott, NDWR	Joanne Sarkisian, USBWC

Public Present via phone:

Wes Walker, MBK	Don Smith	Steven Fulstone
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1. Public Comment

None presented.

2. Roll Call

Director Acciari was absent.

3. Consideration of Minutes of the September 7, 2021 Regular Meeting

Director GIORGI made a motion to approve the minutes; Treasurer NUTI offered a second. The vote was called for and passed.

4. Water Master’s Report

Joanne SARKISIAN reported the Tribe went off on September 28th and the current decree is 1861 on the East and 1862 on the West, Tunnel and Main. Joanne is delivering .64 cfs decree on the Tunnel and 4.48 cfs on the East. To date, 67,108 acre-feet decree and 11,104 acre-feet of storage has been delivered. There is still a little bit of storage being delivered, but not much. There is currently 4,175 acre-feet (10% capacity) in Bridgeport and 4,675 acre-feet (8% capacity) in Topaz. Joanne wanted to give a heads up that there probably will be no stock water this season as she does not believe she can get it out of the river and will not increase flows in effort to store as much water as possible. The flows will be decreased to 20cfs from Bridgeport and 2-3 cfs from Topaz. Joanne suggested other means of stock water be considered.

5. Staff Reports:

A. Treasurer's Report

Treasurer NUTI reported as of September 30, 2021:

Cash in Checking	\$ 69,934.47
Cash in Money Market	\$1,023,723.99
Cash in CDs	\$ 749,661.39
Total	<u>\$1,843,319.85</u>

B. Consideration of Bills and Payroll for payment

September 2021 Bills & Payroll

<u>Check Number</u>	<u>Effective Date</u>	<u>Vendor Name</u>	<u>Check Amount</u>
122172	9/7/2021	Ameritas Life Insurance	\$ 1,027.80
122173	9/7/2021	NAPA AUTO & TRUCK	\$ 23.94
122174	9/7/2021	MBK Engineers	\$ 4,066.75
122175	9/7/2021	True Value	\$ 52.96
122176	9/7/2021	NWRA	\$ 640.00
122177	9/7/2021	Public Employees' Benefits	\$ 870.23
122178	9/7/2021	Purchase Power / Pitney	\$ 453.00
122179	9/7/2021	NV Energy	\$ 319.12
122180	9/7/2021	Southwest Gas	\$ 39.58
122181	9/7/2021	Wells Fargo Card Services	\$ 1,496.21
122182	9/7/2021	CT Corp.	\$ 398.00
122183	9/13/2021	PERS Administrative Fund	\$ 8,610.94
122184	9/13/2021	AT&T	\$ 154.88
122185	9/13/2021	John Deere Credit	\$ 55.77
122186	9/13/2021	Xerox Financial Services	\$ 171.13
122187	9/14/2021	Alhambra	\$ 87.38
122188	9/14/2021	U.S. Geological Survey	\$ 14,612.00
122189	9/14/2021	Verizon Wireless	\$ 272.38
122190	9/28/2021	Petty Cash	\$ 494.92
122191	9/28/2021	AFLAC	\$ 35.70
122192	9/28/2021	ABILA Dept 3303	\$ 195.98
122193	9/28/2021	MF Barcellos	\$ 4,046.61
122194	9/28/2021	O'Reilly Automotive, Inc.	\$ 195.76

122195	9/28/2021	Pitney Bowes Global	\$	213.42
122196	9/28/2021	Quill	\$	531.70
122197	9/28/2021	Schneider Electric USA,	\$	3,767.04
122198	9/28/2021	NV Energy	\$	39.79
122199	9/28/2021	Standard Insurance	\$	241.03
122200	9/28/2021	HomeTown Health	\$	7,421.23
122201	9/28/2021	Desert Engineering	\$	824.98
122202	9/28/2021	Desert Research Institute	\$	33,321.84
PAYROLL	9/30/2021	SEPTEMBER PAYROLL	\$	41,827.01
TOTAL BILLS & PAYROLL			\$	126,509.08

Director GIORGI inquired about the USGS bill; GM BRYAN stated it was part of the annual gage monitoring agreement.

Vice President MASINI made a motion to approve the bills; Director GIORGI offered a second. The vote was called for and passed.

C. Manager’s Report

GM BRYAN reported Topaz is at 4,615 acre-feet (8%) and Bridgeport is at 4,194 acre-feet (10%). The shop crew finished the repairs and maintenance on the PD drain. They have started work on the Saroni WaterSmart grant #2. The crew started on the Wedertz #5 gate and measuring device and will continue to the Cardone and Straub. The crew had to break away earlier this week for the repairs and maintenance on the Bridgeport Gatehouse. The crews exposed the issue at the siphon then plated and sealed the area with a temporary patch. MBK Engineers and representatives from California Safety Dams were on scene and the repair will be satisfactory while a permanent replacement report is being completed. It is looking like a whole new concrete wall on the outside will be needed. Upon further inspection there is no concern in jeopardizing the structure.

GM BRYAN stated he reported last month that there are some issues with District well. It is down to pumping as low as 6 ½ cfs when it should be pumping around 9 cfs. John Lee suggested we complete a water sample testing, the samples were taken and analyzed and the results indicated there is a deposit buildup. Two quotes to fix the deposit came in over \$100,000 each. Because of the cost, the District asked Carson Pump to pull the well apart and send a camera down to verify the problem. Carson Pump will be working on taking the well apart this week. John Lee stated the District can continue to operate as is, but it will not pump at the full capacity and, eventually, the District may need to drill a new well. Once the video is done and a report is given back to the District, GM BRYAN will forward it to the Board.

GM BRYAN received a call from David Peri who requested GM BRYAN bring up to the Board and investigate the costs and benefits of aerial cloud seeding. Right

now, DRI does ground generator seeding, but no aerial seeding is being done. Mr. Peri suggested funding could come from private sources or a generalized assessment from all users. GM BRYAN has contacted Rick Stone with RHS consultants and he will be preparing a quote. GM BRYAN will also reach out to DRI and see if there are other avenues for funding. In the past years, a huge portion of cloud seeding- both ground and aerial- was grant funded. The State has not approved cloud seeding in their budget and the airplane seeding is very expensive. GM BRYAN stated the Board approved \$30,000 to go directly to ground generators that DRI controls. Treasurer NUTI asked if there is any data showing the increased benefit from aerial seeding versus ground seeding; GM BRYAN stated Frank from DRI reported the aerial seeding results in an additional 500-1000 acre feet added to water shed because the solution can be dropped exactly where it is needed. He also advised the generators are nice, but the prime location is on Yosemite. The government does not allow for a ground generator to be on Yosemite, but the airplane is not restricted and can seed clouds in that area. GM BRYAN stated Rick Stone currently flies for Stanislaus Valley on the other side of the Sierras. GM BRYAN will be working on getting more information and will keep the Board informed.

GM BRYAN had a meeting last week with the committee to study water adjudications. The committee is still seeking ways to give recommendations to the Chief Justice and Nevada Supreme Court on how to deal with water law cases. GM BRYAN will keep the Board informed on any changes.

Next month the weather service will be giving a presentation on the upcoming winter forecast.

D. Legal Counsel's Report

Counsel DePAOLI had nothing to report.

E. Review and approval of monthly storage transfers.

Director GIORGI made a motion to approve the transfers; Vice President MASINI offered a second. The vote was called for and passed.

F. Storage Water Leasing Program Update

Wes WALKER stated there is not much to report, but MBK is working on the reports that are due to the California State Water Resources Control Board. The report will be distributed to all interested parties. The report is due within 90 days, but it will be completed by the end of the month. The mandatory post-program meeting will be held later this year. The filings and petitions are started for the next program year. The process will be the same and will not lock us into running the program next year, but it will allow for a jump start if the conditions are right.

G. FY2020-2021 Audit Update

Secretary HALTERMAN advised she spoke with Sciarani & Company and the audit is progressing. They had deadlines for the school districts and counties this month, so the report may be ready for next month.

H. Current Drought Conditions for WY 2021 Presented by MBK Engineers

Wes WALKER stated there will be a little bit of precipitation over the next few days. Hopefully this will be the start of snow and rain in the mountains. Longer range forecast is average to below average temperatures. There does not look to be much precipitation in the near future after this week. The long range forecast is for a weak La Nina, no strong correlation with a wet or dry forecast. Wes put together a storage forecast to give an outlook on the reservoir levels and will forward the document to Bert for distribution.

6. Update from the Division of Water Resources regarding groundwater pumping and upcoming fieldwork schedules.

Wyatt FEREDAY stated there was not much to report. Preliminary pumping numbers through October 1st, are 68,000 acre-feet in Mason Valley and 24,000 acre-feet in Smith Valley. There are a few users in both basins who have not reported for September, but most of the big users have submitted their readings. Wyatt and Mike will be in the field in November & December checking water levels and doing meter checks on wells with less than 5 acre feet and meters that have not been reported. Director GIORGI asked if there has been over pumping; Wyatt stated there have been a few over pumping occurrences and he has sent letters to the users. There are not as many over pumping occurrences this year compared to last year. Director GIORGI asked if there were fines for over pumping; Wyatt stated there are no fines at this time, but if it is a pattern, they can open an Alleged Violation case. Wyatt stated they want to work with the users to make them aware of the over pumping and to assist with transferring water to the wells.

GM BRYAN asked Wyatt what to tell users who cannot get stock water this year; Wyatt stated those who have water left on their permit could turn their well on.

Vice President MASINI asked if a certain meter was recommended; Mike and Wyatt stated they do not require a certain meter, but they recommend an old school analog Micrometer. The Micrometer does not use electricity so it tends to be the most accurate. To be the most accurate, it is recommended to put the meter on a straight piece of pipe not close to any bends.

7. Update by the Walker River Conservancy on activities related to the Walker Basin Restoration Program, including Acquisitions and Conservation and Stewardship Activities.

Peter Stanton introduced himself as the new Executive Director of Walker Basin Conservancy. Peter plans to be more involved in water acquisitions as well as administering water rights in a way that protects water users in the Basin. He would like to connect with the Board and is excited to build better relationships in the valley.

Silas ADAMS introduced Carlene Henneman, Water Program Associate Director. She will be helping Silas on the water side. The Conservancy closed an acquisition in Smith Valley and gained 2.6 cfs in decree and 545 acre-feet in storage. Silas reminded everyone about the storage water estimator that is available on the website.

8. Discussion and Review to implement draft controls for Board consideration, policies, enforceable by regulation or otherwise, concerning fees for services provided to ditch companies, such as payroll services, moderation and taking minutes of minutes, for water card revisions, late fees and/or interest charges for past due invoices, and delinquent reserved water rights assessments, prepayment requirements for projects and material purchases and other revenue sources, such as copy charges.

GM BRYAN stated the internal control draft policies have been introduced in prior meetings and have been available on the website for a few months. Secretary HALTERMAN stated there are three topics to discuss in this item at this time rather. Secretary HALTERMAN stated the audit referenced the project prepayment, late fees & charges, and the payroll agreement were mentioned the most over the past few audits, and that is what is presented today.

Secretary HALTERMAN stated the proposed Advanced Payment Policy requires a 50% deposit on projects over an undetermined amount. GM BRYAN stated he spoke with Counsel DePAOLI and there will be a payment agreement included with all projects to ensure payment. Vice President MASINI requested the policy be effective for all projects regardless of the amount. Treasurer NUTI asked if a payment plan would be in lieu of a deposit; GM BRYAN stated it could be if that is what is agreed to in the payment agreement. Treasurer NUTI made a motion to approve the Advanced Payment Policy with a 50% deposit being required on all projects; Vice President MASINI offered a second. The vote was called for and approved.

The Overdue Payment Policy is being proposed in attempt to mitigate the problem of invoices not being paid in a timely manner and taking advantage of the District essentially being a 'bank'. The policy proposes a monthly late fee of \$5 and monthly interest fee of 1.25% (15% annually). The policy also explains when overdue notices will be mailed, and when payments must be submitted to avoid late fees and interest charges. Vice President MASINI asked if interest fees would be charged on payment plans; Secretary HALTERMAN stated the interest would be charged but a late fee would not be if the customer pays on time according to the plan. Vice President MASINI made a motion to approve the Overdue Payment Policy; Treasurer NUTI offered a second. The vote was called for and passed.

The Payroll Service Agreement is to protect the District and the ditch companies by explaining what is expected and provided by both parties. The proposed agreement does not include any new charges for WRID services but does outline what is currently being billed and what services are being provided. President SNYDER asked what the worker's comp charge was for; Secretary HALTERMAN stated that since the District handles the payroll, it must include the ditch rider on the worker's comp plan. Secretary HALTERMAN stated the prompt for the agreement was not only because of the audit

recommendation, but there have been questions from ditch companies on charges such as quarterly taxes, end of year tax forms & filing, and miscellaneous charges. Secretary HALTERMAN stated in the early 90s there were agreements with each ditch company each year, but there have not been any recently. Vice President MASINI made a motion to approve the Payroll Service Agreement; Treasurer NUTI offered a second. The vote was called for and passed.

Treasurer NUTI asked if the policies could be revisited and modified if needed; Secretary HALTERMAN confirmed that all policies can be changed and the benefit of not putting the polices into the regulation is that they can be revisited at any time.

9. Consideration of authorization of District counsel to execute, deliver and file Conditional Stipulation to Resolve District Protest Regarding Application No 90690. (Note: Pursuant to N.R.S. 241.01(2)(b)(2), the Board may interrupt the open meeting for purposes of receiving information from legal counsel concerning and to deliberate toward a decision on the Conditional Stipulation).

Counsel DePAOLI stated the agenda item relates to the recent change application filed by the Walker Basin Conservancy. A conditional protest was filed on behalf of the District to be able to participate if there were more protests and a hearing; there were no more hearings. The application involves a water right under the decree claim 154 which is diverted at the weir. The stipulation requires the change be approved under the same terms and conditions as Permit 80700 in accordance with the Nevada State Engineer's decision in respect to that permit. Director GIORGI made a motion to authorize District counsel to execute, deliver and file the Conditional Stipulation to Resolve District Protest Regarding Application 90690; Vice President MASINI offered a second. The vote was called for and passed.

10. Director Comments

None presented.

11. Public Comment

None presented.

12. Adjournment

Director GIORGI made a motion to adjourn; Treasurer NUTI offered a second. The vote was called for and passed. The meeting was adjourned at 11:05am.

Jim Snyder, President

Marcus Masini, Vice President

Richard Nuti, Treasurer

Dennis Acciari, Director

David Giorgi, Director

DRAFT

Walker River Irrigation District
Balance Sheet
As of 10/31/2021

Provisional

Current Year

Assets

Current Assets

Cash & Cash Equivalents

Cash in Checking \$ 194,658.98

Cash in Money Market \$ 659,173.93

Cash in CDs \$ 749,661.39

Total Cash & Cash Equivalents \$ 1,603,494.30

Total Current Assets \$ 1,603,494.30

Total Assets \$ 1,603,494.30

Walker River Irrigation District
Cash Journal - HYTE
From 10/1/2021 Through 10/31/2021

Provisional

1100 - Cash in Checking

Document

Number	Payee/Recipient Name	Transaction Description	Effective Date	Deposits	Disbursements	Adjustments
122206	Ameritas Life Insurance Corp	ACCT 010-19010-0113	10/7/2021	0.00	1,027.80	0.00
122207	Ferguson Enterprises, Inc. 142	ACCT 421145	10/7/2021	0.00	9,736.60	0.00
122208	Sticks and Stones Buildings Ma	ACCT WRID	10/7/2021	0.00	40.95	0.00
122209	MBK Engineers	PROFESSIONAL SERVI	10/7/2021	0.00	16,637.76	0.00
122210	Mono County Tax Collector	WALKER RIVER IRRIG	10/7/2021	0.00	38,509.84	0.00
122211	Public Employees' Benefits Pro	ACCT 776	10/7/2021	0.00	870.23	0.00
122212	Purchase Power / Pitney Bowe	ACCT 8000-9000-0520	10/7/2021	0.00	453.00	0.00
122213	NV Energy	PREMISES 312890	10/7/2021	0.00	253.28	0.00
122214	Southwest Gas Corporation	ACCT 910000604447	10/7/2021	0.00	38.62	0.00
122215	Desert Engineering	JOB 21023	10/7/2021	0.00	2,536.76	0.00
122216	BLACKBAUD INC	SITE 114465	10/7/2021	0.00	9,642.40	0.00
122217	Mason Valley Tire	ACCT WRID	10/7/2021	0.00	131.00	0.00
122224	AT&T	ACCT 030 596 9748 00	10/12/2021	0.00	156.69	0.00
122225	John Deere Credit	ACCT 28117-10068	10/12/2021	0.00	45.01	0.00
122226	Associated Concrete Pumping I	WELLINGTON CUTOFF	10/12/2021	0.00	1,372.87	0.00
122227	Lyon County Recorder	ACCT WRIR	10/12/2021	0.00	67.96	0.00
122228	O'Reilly Automotive, Inc.	ACCT 1075876	10/12/2021	0.00	493.13	0.00
122229	Pitney Bowes Global Financial	ACCT 0010816793	10/12/2021	0.00	15.77	0.00
122230	Jim Menesini Petroleum	ACCT 84020	10/12/2021	0.00	40.38	0.00
122231	NV Energy	PREMISES 296827	10/12/2021	0.00	37.40	0.00
122232	Alhambra	ACCT 2883556515120	10/12/2021	0.00	1,274.65	0.00

Walker River Irrigation District
Cash Journal - HYTE
From 10/1/2021 Through 10/31/2021

Provisional

122233	USBWC	JUNE21 THROUGH SEI	10/12/2021	0.00	44,009.91	0.00
122234	Wells Fargo Card Services Payr	ACCT 9574	10/12/2021	0.00	6,965.91	0.00
122235	Xerox Financial Services	ACCT 715540498	10/12/2021	0.00	260.43	0.00
122236	City of Yerington	ACCT 12304001	10/12/2021	0.00	136.37	0.00
122237	Connolly Crane Service	ACCT WRID	10/12/2021	0.00	708.75	0.00
122238	AFLAC	ACCT 0BU87	10/27/2021	0.00	35.70	0.00
122239	ABILA Dept 3303	ACCT C017418	10/27/2021	0.00	195.98	0.00
122240	Giomi, Inc.	ACCT 805	10/27/2021	0.00	469.86	0.00
122241	Hunewill Construction Co., Inc.	ACCT WRID	10/27/2021	0.00	479.55	0.00
122242	Associated Concrete Pumping I	JOB WELLINGTON CU	10/27/2021	0.00	1,374.19	0.00
122243	NAPA AUTO & TRUCK PARTS	ACCT 7200	10/27/2021	0.00	180.19	0.00
122244	MF Barcellos	ACCT WALRIV	10/27/2021	0.00	4,040.88	0.00
122245	Power Plan	1115590	10/27/2021	0.00	31.69	0.00
122245	Power Plan	ACCT 1115590	10/27/2021	0.00	1,858.93	0.00
122246	Quill	ACCT 2874673	10/27/2021	0.00	111.46	0.00
122247	Sciarani & Co.	FY21 FINANCIAL AUDI	10/27/2021	0.00	11,000.00	0.00
122248	NV Energy	PREMISES 315913	10/27/2021	0.00	2.86	0.00
122249	Standard Insurance Company	POLICY ST 926196 00I	10/27/2021	0.00	241.03	0.00
122250	Vision Service Plan - Nevada	ACCT 30021350	10/27/2021	0.00	186.05	0.00
122251	Woodburn & Wedge	PERIOD ENDING 09/3I	10/27/2021	0.00	52,842.50	0.00
122252	Xerox Financial Services	ACCT 010-0058691-00	10/27/2021	0.00	164.10	0.00
122253	HomeTown Health	GROUP 3353P	10/27/2021	0.00	7,421.23	0.00
122254	Desert Ready Mix	JOB 21226	10/27/2021	0.00	1,944.94	0.00
122255	Desert Research Institute	656.4703	10/27/2021	0.00	18,646.27	0.00

Walker River Irrigation District
Cash Journal - HYTE
From 10/1/2021 Through 10/31/2021

Provisional

122256	Reno Gazette Journal	ACCT 104319	10/27/2021	0.00	753.00	0.00
122257	Stanislaus Farm Supply	ACCT 10781	10/27/2021	0.00	257.04	0.00
122258	PERS Administrative Fund	AGENCY 704	10/27/2021	0.00	8,610.95	0.00
PAYROLL	OCTOBER PAYROLL		10/28/2021	0.00	43,468.66	0.00
FY21-18	To record 10/20 POOL/PACT deduction		10/20/2021	0.00	0.00	(3,819.75)
FY22-12	To record EFTPS 9/16-30/21		10/18/2021	0.00	0.00	(6,922.22)
FY22-13	To record EFTPS 8/16-31/21		10/18/2021	0.00	0.00	(6,623.87)
FY22-14	To record MMK transfer 10/7		10/7/2021	0.00	0.00	200,000.00
FY22-15	To record MMK transfer 10/27		10/27/2021	0.00	0.00	250,000.00
FY22-18	To record EFTPS 10/1-15/2021		10/15/2021	0.00	0.00	(1,954.78)
FY22-19	To record EFTPS 10/16-31/21		10/29/2021	0.00	0.00	(6,427.08)
Total 1100 - Cash in Checking				0.00	289,780.53	424,252.30

Walker River Irrigation District
Cash Journal - HYTE
From 10/1/2021 Through 10/31/2021

Provisional

1200 - Cash in Money Market

Document Number	Payee/Recipient Name	Transaction Description	Effective Date	Deposits	Disbursements	Adjustments
7079	FY22 Reserved Assessments-	Peri	10/8/2021	6,094.43	0.00	0.00
7080	FY22 Reserved Assessments-	West Fork	10/8/2021	111.74	0.00	0.00
7081	Natural Resource Conservation	NRCS Reimbursement	10/8/2021	86,079.61	0.00	0.00
7082	United States Board of Water	(October Rent- USBWC	10/8/2021	1,500.00	0.00	0.00
7083	Garms Trust	FY22 Reserved Assessm	10/8/2021	1,020.41	0.00	0.00
7084	Compston, Marion	FY22 Reserved Assessm	10/8/2021	913.23	0.00	0.00
7085	208 Investments LLC	FY22 Reserved Assessm	10/8/2021	214.61	0.00	0.00
7086	DG-HP Inc.	FY22 Reserved Assessm	10/8/2021	508.27	0.00	0.00
7087	Masini Investments, LLC	FY22 Reserved Assessm	10/8/2021	1,943.97	0.00	0.00
7088	Wes Smith	INV 559	10/14/2021	500.00	0.00	0.00
7090	Plymouth Ditch Co	INV 492	10/14/2021	31,328.00	0.00	0.00
7092	Santa Margarita Ranch	2' Staff Gauge	10/26/2021	35.00	0.00	0.00
7093	Fulstone, David H	FY21 Reserved Assessm	10/26/2021	3.52	0.00	0.00
7094	Walker Basin Conservancy	INV 640	10/27/2021	8,624.00	0.00	0.00
7095	Fulstone, Steven A	INV 642	10/27/2021	1,691.43	0.00	0.00
FY22-14	To record MMK transfer 10/7		10/7/2021	0.00	0.00	(200,000.00)
FY22-15	To record MMK transfer 10/27		10/27/2021	0.00	0.00	(250,000.00)
Total 1200 - Cash in Money Market				140,568.22	0.00	(450,000.00)
Report Total				<u>140,568.22</u>	<u>289,780.53</u>	<u>(25,747.70)</u>

Cash & Cash Equivalent Balances for last 5+ years

	2016	2017	2018	2019	2020	2021
January	\$ 3,405,153.39	\$ 3,016,780.18	\$ 2,858,050.40	\$ 2,774,664.08	\$ 2,698,995.65	\$ 1,595,797.77
February	\$ 2,772,463.11	\$ 3,092,650.98	\$ 2,819,375.59	\$ 2,608,581.71	\$ 2,653,618.99	\$ 1,649,432.95
March	\$ 3,340,917.01	\$ 3,004,853.41	\$ 2,897,158.39	\$ 2,470,877.11	\$ 2,608,927.11	\$ 1,486,551.79
April	\$ 3,314,014.65	\$ 3,043,750.37	\$ 2,806,487.95	\$ 2,776,243.95	\$ 2,430,849.36	\$ 1,542,452.33
May	\$ 3,432,073.73	\$ 3,200,202.73	\$ 2,767,979.62	\$ 2,758,566.68	\$ 2,347,656.69	\$ 1,668,053.83
June	\$ 3,364,692.85	\$ 3,188,940.52	\$ 2,599,190.15	\$ 2,649,311.61	\$ 2,073,214.01	\$ 1,572,457.67
July	\$ 3,176,338.08	\$ 2,756,720.87	\$ 2,590,156.23	\$ 2,405,243.06	\$ 1,915,363.18	\$ 1,449,159.71
August	\$ 3,096,231.21	\$ 2,720,184.48	\$ 2,700,238.25	\$ 2,379,564.66	\$ 1,762,583.28	\$ 1,604,588.00
September	\$ 3,182,881.07	\$ 2,803,493.62	\$ 2,705,200.33	\$ 2,296,206.25	\$ 1,734,127.72	\$ 1,523,514.42
October	\$ 3,234,901.27	\$ 2,922,859.94	\$ 3,127,469.91	\$ 2,326,691.69	\$ 2,127,177.07	\$ 1,843,319.85
November	\$ 3,286,277.66	\$ 2,883,991.07	\$ 2,907,664.91	\$ 2,646,079.87	\$ 1,835,973.02	\$ 1,603,494.30
December	\$ 3,305,895.59	\$ 2,986,981.27	\$ 2,935,083.50	\$ 2,570,577.66	\$ 1,758,426.30	

Significant Purchases:

Jan-16	\$ 139,069.00	Syblon Reid	Topaz Diversion
Jul-17	\$ 279,525.96	Pape Machinery	Long Reach Excavator
Nov-17	\$ 124,171.40	Pape Machinery	John Deere Excavator
Jul-20	\$ 282,470.75	Pape Machinery	Heavy Excavator
FY2017	\$ 387,290.00	Hours, equipment	Pre-flood mitigation
	\$ 1,212,527.11		

Significant Outstanding Receivables:

\$ 58,653.59	BOR-Campbell
\$ 26,464.96	Wes Smith (monthly Payment Plan)
\$ 37,405.40	Plymouth Ditch Company
\$ 40,590.37	Walker Basin Conservancy- Nichol Merritt CalPoly Bill
\$ 189,048.13	NFWF- grant
\$ 24,493.07	NFWF- Gage Peterson CalPoly Bill
\$ 376,655.52	

Significant Bills cumulative over past 5 years: (some has been billed for reimbursement)

\$ 1,214,468.60	Cal Poly
\$ 1,948,186.07	Woodburn & Wedge
\$ 389,472.54	MBK Engineers
\$ 605,758.62	Desert Research Institute
\$ 4,157,885.83	

October 2021 Bills & Payroll

Check Number	Effective Date	Vendor Name	Check Amount
122206	10/7/2021	Ameritas Life Insurance Corp	\$ 1,027.80
122207	10/7/2021	Ferguson Enterprises, Inc. 1423	\$ 9,736.60
122208	10/7/2021	Sticks and Stones Buildings Material Inc	\$ 40.95
122209	10/7/2021	MBK Engineers	\$ 16,637.76
122210	10/7/2021	Mono County Tax Collector	\$ 38,509.84
122211	10/7/2021	Public Employees' Benefits Program	\$ 870.23
122212	10/7/2021	Purchase Power / Pitney Bowes	\$ 453.00
122213	10/7/2021	NV Energy	\$ 253.28
122214	10/7/2021	Southwest Gas Corporation	\$ 38.62
122215	10/7/2021	Desert Engineering	\$ 2,536.76
122216	10/7/2021	BLACKBAUD INC	\$ 9,642.40
122217	10/7/2021	Mason Valley Tire	\$ 131.00
122218			
122219			
122220			
122221		Printer Malfunction	Spoiled/VOID
122222			
122223			
122224	10/12/2021	AT&T	\$ 156.69
122225	10/12/2021	John Deere Credit	\$ 45.01
122226	10/12/2021	Associated Concrete Pumping Material	\$ 1,372.87
122227	10/12/2021	Lyon County Recorder	\$ 67.96
122228	10/12/2021	O'Reilly Automotive, Inc.	\$ 493.13
122229	10/12/2021	Pitney Bowes Global Financial Services	\$ 15.77
122230	10/12/2021	Jim Menesini Petroleum	\$ 40.38
122231	10/12/2021	NV Energy	\$ 37.40
122232	10/12/2021	Alhambra	\$ 1,274.65
122233	10/12/2021	USBWC	\$ 44,009.91
122234	10/12/2021	Wells Fargo Card Services Payment	\$ 6,965.91
122235	10/12/2021	Xerox Financial Services	\$ 260.43
122236	10/12/2021	City of Yerington	\$ 136.37
122237	10/12/2021	Connolly Crane Service	\$ 708.75
122238	10/27/2021	AFLAC	\$ 35.70
122239	10/27/2021	ABILA Dept 3303	\$ 195.98
122240	10/27/2021	Giomi, Inc.	\$ 469.86
122241	10/27/2021	Hunewill Construction Co., Inc.	\$ 479.55
122242	10/27/2021	Associated Concrete Pumping Material	\$ 1,374.19
122243	10/27/2021	NAPA AUTO & TRUCK PARTS	\$ 180.19

Walker River Irrigation District
Check/Voucher Register - Last Month Bills
From 10/1/2021 Through 10/31/2021

Provisional

122244	10/27/2021	MF Barcellos	\$	4,040.88
122245	10/27/2021	Power Plan	\$	1,890.62
122246	10/27/2021	Quill	\$	111.46
122247	10/27/2021	Sciarani & Co.	\$	11,000.00
122248	10/27/2021	NV Energy	\$	2.86
122249	10/27/2021	Standard Insurance Company	\$	241.03
122250	10/27/2021	Vision Service Plan - Nevada	\$	186.05
122251	10/27/2021	Woodburn & Wedge	\$	52,842.50
122252	10/27/2021	Xerox Financial Services	\$	164.10
122253	10/27/2021	HomeTown Health	\$	7,421.23
122254	10/27/2021	Desert Ready Mix	\$	1,944.94
122255	10/27/2021	Desert Research Institute	\$	18,646.27
122256	10/27/2021	Reno Gazette Journal	\$	753.00
122257	10/27/2021	Stanislaus Farm Supply	\$	257.04
122258	10/27/2021	PERS Administrative Fund	\$	8,610.95
PAYROLL	10/28/2021	OCTOBER PAYROLL	\$	43,468.66
Total Bills & Payroll				\$ 289,780.53

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Jessica Halterman

From: Sandy Neville
Sent: Wednesday, November 3, 2021 7:12 AM
To: Jessica Halterman
Subject: FW: Well No 25813
Attachments: Walker River Irr. Dist, est. 2501-21.pdf

From: Dan Trampe <dan@carsonpump.com>
Sent: Wednesday, November 3, 2021 6:19 AM
To: Sandy Neville <sandy@wrid.us>
Subject: Re: Well No 25813

Sandy,

Attached is a cost estimate to replace the 12" pump column and also adding 60' extra to get it deeper in the well. I also included a cost for a new bowl assembly exactly like the one that we removed from the well. Since the perforations start at 100', the well is probably going to produce cascading water during pumping. I think that this is what has damaged the current bowl assembly. I would recommend designing the new bowl assembly with less gallons per minute and more total dynamic head to get more lift out of the well. Instead of 4,000 gpm, maybe reduce it to 3,000 gpm with 160' of lift. With this flow rate and tdh, you could still utilize the 150hp motor.

There is a hole in the casing at 99.6'. This can have a 4' long patch swaged over the top of it. We usually have Longmier Swaging do this work and I estimate it would cost approx. \$5,000 to \$6,500 to do this. I would still recommend brushing the well and conducting another video to make sure that this is the only hole in the casing.

As far as what costs you have incurred up to this point is as follows.

Mobilization and Demobilization - \$3,500.00

Remove 120' of 12" pump - \$1,800.00

Conduct video of well - \$900.00

Disassemble bowl assembly - \$600.00

Total thus far: \$6,800.00

Please, Let me know if you have any questions.

Thanks

Dan Trampe

On Tue, Nov 2, 2021 at 10:00 AM Sandy Neville <sandy@wrid.us> wrote:

Good Morning Dan

Just checking in with you. We are posting for the Meeting tomorrow, I would like to give the board an update. Would like to get an update on the cost of work put into so far, cost of Bowls, and new casing.

From: Dan Trampe <dan@carsonpump.com>
Sent: Tuesday, October 26, 2021 3:14 PM
To: Sandy Neville <sandy@wrid.us>
Subject: Re: Well No 25813

Sandy,

Attached are the video inspection report, turbine bowl report with pictures of the bowl cases and my recommendations. Please let me know if you have any questions

Thanks

Dan Trampe

On Tue, Oct 26, 2021 at 11:42 AM Sandy Neville <sandy@wrid.us> wrote:

Hi Dan

Just Checking with you, We Have a board meeting on the 8th of November and would like to inform Board of what the status is and how work will progress.

Sandy Neville

Water Right Specialist

Walker River Irrigation District

410 N Main St

Yerington, NV 89447

Office: (775)463-3523

Fax: (775)463-3524



Ms. Sandy Neville
Walker River Irrigation District
410 North Main St.
Yerington, NV. 89447

Ms. Neville,

As you are aware of, on October 7th 2021, we mobilized to Well #25813 and removed 110' of 12", Layne Bowler turbine pump with a Flowserve model 16NKH, 2 stage bowl assembly. The bowl was designed for 4,000 gallons per minute with 120' of lift. This does require just over 150hp to operate. While removing the pump, we did find that there is 70' of oil tube and line shaft that either needs to be rebuilt or replaced. The line shaft bearings are wore over .020" over factory acceptable tolerances. Both the column pipe and oil tube have a large amount of encrustations on them so it is difficult to judge the condition of it until it we can clean the pipe off. We disassembled the bowl assembly and found it to be unrepairable. The bowl cases have eroded past factory tolerances and beyond. The erosion looks to be from cavitation. The well must have been surging to damage the bowl like it did. On the bowl inspection form, there pictures of the damaged bowl cases.


On Oct. 12th.we conducted a video of the well casing. The water was very clear and we did get a good look at the casing. We did find a hole in the well casing at 99.6', just above the start of the perforations. It was a fair sized hole, probably the size of a quarter. It had some larger pieces of gravel lodged in it. The perforations that we could identify were plugged off and I would estimate that there is only about 5% to 10% of the perforations that are open throughout the well. The well definitely requires cleaning.

I would recommend brushing the well for at least 8 hrs. then conduct another video of the well to check the condition of the casing. I am concerned with the hole in the casing at 99.6', there may be more holes in the casing that we cannot see due to the encrustation buildup. If the casing is in good condition, then I would recommend swaging in a patch over the hole and then continue with a chemical rehabilitation.

- Since the well is just for irrigation purposes, I would recommend using just muriatic acid with inhibitor. It is aggressive and will clean the casing down to bare metal. The acid will still have be neutralized once it is pumped out of the well during the redevelopment process. If you would like, I can get costs for a new bowl assembly and recommend adding another 60' of column assembly and replacement oil tube and shaft to replace the damaged ones.

If you have any questions, please call me.

Sincerely,


Dan Trampe

VIDEO INSPECTION SHEET

Provisional

Customer: Walker River Irrigation District

Date: 10/12/2021

Well Name: #25813

Casing:

1	2
Material: <u>mild steel</u>	<u>mild steel</u>

Size: <u>18" o.d.</u>	<u>16" o.d.</u>
-----------------------	-----------------

Perforation Intervals: 18" from 100' to 460' - 16" 460' to 520'

Perforation type: Quad row mill slot .090"

Static water level: 24.1'

Camera 0 point: Top of well casing

Footage

Inspection notes

Footage	Inspection notes
0 - 100'	blank casing with small hole at 99.6'
100 - 130'	Very heavy encrustations with few slots visible 5% open
130' - 210'	Few slots visible 5% open
210' - 280'	Not as heavy encrustations, slots are visible but plugged 10% open
280' - 350'	Less encrustations but few slots visible
350' - 460'	Few slots visible 10% open
460' - 463'	18" to 16" reduction
463' - 517'	No visible perforations, total depth with camera is 517'

Turbine Inspection Sheet

Customer: Walker River Irrigation Dist.	Date: 10/18/21
Well Name: 25813	Job Number: cpwr1021

Pump Description

Pump Make: Flowserve	Pump Model: 16 Nk	Serial #: 0	
Stages: 2	Shaft Stick up: 14	Oil Tube Stick Up: 6	
Bowl Length: 56	Outlet Size: 12	Inlet Size: 12	

Pump Components

Impeller Type: closed	Impeller #: NKh	Vane Count: 8	
Impeller Trim: 11.25	Shaft Size: 2.187	Shaft Length: 66.5	
Oil Tube Off of Bowl: 3 LB	Shaft off of Bowl: 1.5/ 10		

Tolerances

Impeller Nozzle O.D: 0	Bowl Skirt I.D: 0	Clearance: 0	
The tolerance between nozzle and skirt should be .18 to .040.			
Bearing I.D: 0	Bowl Shaft Size: 2.187	Clearance: 0	
The tolerance between shaft and bearing should be .05 to .018			

G.P.M 1483

T.D.H 121

H.P 165

Notes

This pump is not rebuildable needs replacement. Pictures below

Excessive cutting of vanes



Extreme damage to bowl skirt where impeller runs





Carson Pump, LLC
 P.O. Box 20159
 Carson City, NV. 89721

Provisional

Date	Estimate #
11/3/2021	2501

NV. Lic #39920A
 CA. Lic #745270

Name / Address
Walker River Irrigation Dist. P.O. Box 820 Yerington, NV. 89447 Att: Sandy

Description	Qty	Project	
		Cost	Total
		Well #25813	
180' of 12" X 2-1/2" X 1-1/2" pump column assembly with new oil tube and line shaft	180	120.00	21,600.00T
New Flowserve model 16ENH, 2 stage bowl assembly designed for 4,000 gpm with 120' of lift*	1	8,950.00	8,950.00T
Freight on new equipment	1	1,890.00	1,890.00
*The Flowserve bowl assembly is a duplicate to the pump that was removed from the well			
Thank you for considering Carson Pump for this proposal		Subtotal	\$32,440.00
		Sales Tax (7.1%)	\$2,169.05
		Total	\$34,609.05