



AGENDA
REGULAR MEETING OF THE BOARD OF DIRECTORS
District Board Room, 2890 Mosquito Road, Placerville, California
July 24, 2023 — 9:00 A.M.

Board of Directors

Brian K. Veerkamp—Division 3
President

Alan Day—Division 5
Vice President

George Osborne—Division 1
Director

Pat Dwyer—Division 2
Director

Lori Anzini—Division 4
Director

Executive Staff

Jim Abercrombie
General Manager

Brian D. Poulsen
General Counsel

Jennifer Sullivan
Clerk to the Board

Jesse Saich
Communications

Brian Mueller
Engineering

Jamie Bandy
Finance

Jose Perez
Human Resources

Tim Ranstrom
Information Technology

Dan Corcoran
Operations

PUBLIC COMMENT: Anyone wishing to comment about items not on the Agenda may do so during the public comment period. Those wishing to comment about items on the Agenda may do so when that item is heard and when the Board calls for public comment. Public comments are limited to five minutes per person.

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AMERICANS WITH DISABILITIES ACT: In accordance with the Americans with Disabilities Act (ADA) and California law, it is the policy of El Dorado Irrigation District to offer its public programs, services, and meetings in a manner that is readily accessible to everyone, including individuals with disabilities. If you are a person with a disability and require information or materials in an appropriate alternative format, or if you require any other accommodation for this meeting, please contact the EID ADA coordinator at 530-642-4045 or email at adacoordinator@eid.org at least 72 hours prior to the meeting. Advance notification within this guideline will enable the District to make reasonable accommodations to ensure accessibility.

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CALL TO ORDER

Roll Call
Pledge of Allegiance
Moment of Silence

ADOPT AGENDA

COMMUNICATIONS

General Manager's Employee Recognition

PUBLIC COMMENT

COMMUNICATIONS

General Manager

Brief reports on District activities or items of interest to the public, including activities or developments that occur after the agenda is posted.

Clerk to the Board

Board of Directors

Brief reports on community activities, meetings, conferences and seminars attended by the Directors of interest to the District and the public.

APPROVE CONSENT CALENDAR

Action on items pulled from the Consent Calendar

CONSENT CALENDAR

1. Clerk to the Board (Sullivan)

Consider approving the minutes of the June 26, 2023 regular meeting of the Board of Directors.

Option 1: Approve as submitted.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

2. Office of the General Counsel (Sarge)

Consider adopting a resolution declaring Assessor Parcel No. 105-210-021 (Hidden Lake) to be surplus to District needs.

Option 1: Adopt a resolution declaring Assessor Parcel No. 105-210-021 (Hidden Lake) to be surplus to District needs.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

3. Finance (Bandy)

Consider receiving and filing the District’s Investment Report for the quarter ending March 31, 2023.

Option 1: Receive and file the District’s Investment Report for the quarter ending March 31, 2023.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

4. Engineering (Kelsch)

Consider awarding a contract to WildHeron Drilling in the not-to-exceed amount of \$177,849 for well drilling for the Silver Lake Campgrounds and authorize additional funding of \$10,000 for construction inspection services, \$10,833 for engineering services, \$35,000 for capitalized labor and \$23,368 in contingencies for a total funding request of \$257,050 for the Silver Lake East Campground Reconstruction, Project No. 06082H.02; and consider the Addendum to the Mitigated Negative Declaration for the Caples Lake and Silver Lake East Campground Improvements Project.

Option 1: Award a contract to WildHeron Drilling in the not-to-exceed amount of \$177,849 for well drilling for the Silver Lake Campgrounds and authorize additional funding of \$10,000 for inspection services, \$10,833 for engineering services, \$35,000 for capitalized labor and \$23,368 in contingencies for a total funding request of \$257,050 for the Silver Lake East Campground Reconstruction, Project No. 06082H.02, and consider the Addendum to the Mitigated Negative Declaration for the Caples Lake and Silver Lake East Campground Improvements Project.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

5. Finance (Downey)

Consider adopting a resolution approving non-ad valorem charges and authorizing El Dorado County Auditor-Controller’s Office to place said charges on the tax roll and the Treasurer-Tax Collector’s Office to collect said charges for the tax roll year 2023/2024.

Option 1: Adopt a resolution approving non-ad valorem charges and authorizing El Dorado County Auditor-Controller’s Office to place said charges on the tax roll and the Treasurer-Tax Collector’s Office to collect said charges for the tax roll year 2023/2024.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

END OF CONSENT CALENDAR

INFORMATION ITEMS

6. Finance (Downey)

2023 Customer Satisfaction Survey results.

Recommended Action: None – Information only.

ACTION ITEMS

7. Finance (Bandy)

Consider ratifying EID General Warrant Registers for the periods ending June 20, June 27, July 3, July 11, 2023, and Employee Expense Reimbursements for these periods.

Option 1: Ratify the EID General Warrant Registers and Employee Expense Reimbursements as submitted.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

8. Engineering (Eden-Bishop)

Consider awarding a contract to TNT Industrial Contractors, Inc. in the not-to-exceed amount of \$819,200 for construction of the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project and authorize additional funding of \$24,022 for engineering services, \$24,910 for construction management, \$24,700 for inspection services, \$16,095 for specialty coating inspection, \$22,000 for capitalized labor, and \$122,880 in construction contingency for a total funding request of \$1,053,807 for the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project, Project No. 22039.01, which staff has determined is exempt from the California Environmental Quality Act.

Option 1: Award a contract to TNT Industrial Contractors in the not-to-exceed amount of \$819,200 for the construction of the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project and authorize additional funding of \$24,022 for engineering services, \$24,910 for construction management, \$24,700 for inspection services, \$16,095 for specialty coating inspection, \$22,000 for capitalized labor, and \$122,880 in project contingency for a total funding request of \$1,053,807 for the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project, Project No. 22039.01, which staff has determined is exempt from the California Environmental Quality Act.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

9. Information Technology (Ranstrom)

Consider awarding a contract to CDW-G in the not-to-exceed amount of \$313,066 for the purchase of server equipment and authorize additional funding of \$33,000 for capitalized labor and \$17,000 in contingency for a total funding request of \$363,066 for the Enterprise Server Replacement Project, Project No. 23024.01.

Option 1: Award a contract to CDW-G in the not-to-exceed amount of \$313,066 for the purchase of server equipment and authorize additional funding of \$33,000 for capitalized labor and \$17,000 in contingency for a total funding request of \$363,066 for the Enterprise Server Replacement Project, Project No. 23024.01.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

10. Engineering (Money)

Consider awarding a contract to Syblon Reid Contractors in the not-to-exceed amount of \$1,117,000 for construction of the Echo Conduit Emergency Replacement Project and authorize additional funding of \$75,000 for engineering services, and \$120,000 in project contingency for a total funding request of \$1,312,000 for the Echo Conduit Emergency Replacement Project, Project No. 23026.01, which staff has determined is exempt from the California Environmental Quality Act.

Option 1: Award a contract to Syblon Reid Contractors in the not-to-exceed amount of \$1,117,000 for construction of the Echo Conduit Emergency Replacement Project and authorize additional funding of \$75,000 for engineering services, and \$120,000 in project contingency for a total funding request of \$1,312,000 for the Echo Conduit Emergency Replacement Project, Project No. 23026.01, which staff has determined is exempt from the California Environmental Quality Act.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

CLOSED SESSION

A. Conference with General Counsel—Anticipated Litigation (Poulsen)

Government Code Sections 54956.9(d)(2)

(one potential case: California River Watch Notice of Intent to Sue Under Clean Water Act)

REVIEW OF ASSIGNMENTS

ADJOURNMENT

TENTATIVELY SCHEDULED ITEMS FOR FUTURE MEETINGS

Engineering

- Town and Country Village water supply assessment, Action, August 14 (Brink)
- Federal Emergency Management Agency generator procurement, Action, August 14 (Carrington)

Finance

- Second Quarter Investment Report, Consent, August 14 (Bandy)
- Bank signature resolutions, Consent, August 14 (Bandy)
- Cost of Service Analysis status update, Information, August 14 (Bandy)

Office of the General Counsel

- Easement Quitclaim Assessor Parcel No. 317-250-034, Consent, August 14 (Sarge)

Operations

- El Dorado Hills Water Treatment Plant Clarifier Rehabilitation contract amendment, Consent, August 14 (Wilson)
- El Dorado Hills Water Treatment Plant Clearwell Pump Replacement, Action, August 14 (Wilson)

Operations/Engineering/Finance

- Annual Regional Water Authority membership dues, Consent, August 14 (Wilson/Mueller/Downey)

EL DORADO IRRIGATION DISTRICT

July 24, 2023

General Manager Communications

Awards and Recognitions

- a) The District received a call from Joanne, El Dorado County resident complimenting the District's Utility Billing staff. She stated "every time that I call, your staff is so friendly, helpful and just wonderful." This is a great example of staff's commitment to the District's guiding principle *Excellent Customer Service*.

Staff Reports and Updates

None



MINUTES
REGULAR MEETING OF THE BOARD OF DIRECTORS
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CALL TO ORDER

President Veerkamp called the meeting to order at 9:00 A.M.

Roll Call Board

Present: Directors Osborne, Dwyer, Veerkamp, Anzini and Day

Staff

Present: General Manager Abercrombie and General Counsel Poulsen

Absent: Board Clerk Sullivan

Pledge of Allegiance and Moment of Silence

Director Osborne led the Pledge of Allegiance and Moment of Silence.

ADOPT AGENDA

ACTION: Agenda was adopted.

MOTION PASSED

Ayes: Directors Day, Dwyer, Osborne, Veerkamp and Anzini

COMMUNICATIONS

Awards and Recognitions

None

PUBLIC COMMENT

Paul Raveling

COMMUNICATIONS

General Manager

Staff provided an update regarding El Dorado Hills Boulevard transmission pipeline repairs completed on Sunday June 25, 2023 and the forthcoming repair of the El Dorado Transmission Main #2 in Camino.

Clerk to the Board

None

Board of Directors

Director Dwyer reported on his presentation at the recent Taxpayers' Association of El Dorado County meeting.

Director Veerkamp reported on the upcoming El Dorado Local Agency Formation Commission committee and board meetings.

APPROVE CONSENT CALENDAR

ACTION: Consent Calendar was approved.

MOTION PASSED

Ayes: Directors Anzini, Dwyer, Osborne, Veerkamp and Day

CONSENT CALENDAR

1. Clerk to the Board (Sullivan)

Consider approving the minutes of the June 12, 2023 regular meeting of the Board of Directors.

ACTION: Option 1: Approved as submitted.

MOTION PASSED

Ayes: Directors Anzini, Dwyer, Osborne, Veerkamp and Day

2. Engineering (DeLongchamp/Money)

Consider authorizing additional funding of \$15,000 for capitalized labor for the No Name Creek Gauging Project, Project No. 20017.01; \$35,000 for construction services, \$10,000 for construction inspection services and \$15,000 for capitalized labor for a total funding request of \$60,000 for the El Dorado Main #2 Assessment, Project No. STUDY15; and \$21,199 for construction engineering services and \$45,000 for capitalized labor for a total funding request of \$66,199 for the Flume 45 Abutment Replacement Project, Project No. 17025.01.

ACTION: Option 1: Authorized additional funding of \$15,000 for capitalized labor for the No Name Creek Gauging Project, Project No. 20017.01; \$35,000 for construction services, \$10,000 for construction inspection services and \$15,000 for capitalized labor for a total funding request of \$60,000 for the El Dorado Main #2 Assessment, Project No. STUDY15; and \$21,199 for construction engineering services and \$45,000 for capitalized labor for a total funding request of \$66,199 for the Flume 45 Abutment Replacement Project, Project No. 17025.01.

MOTION PASSED

Ayes: Directors Anzini, Dwyer, Osborne, Veerkamp and Day

3. Office of the General Counsel (Poulsen)

Consider approving a cost-share agreement with the Sacramento Water Forum and authorize payments of \$50,506 for the fiscal year 2023-2024 and \$50,506 for 2024-2025.

ACTION: Option 1: Approved a cost-share agreement with the Sacramento Water Forum and authorized payments of \$50,506 for the fiscal year 2023-2024 and \$50,506 for 2024-2025.

MOTION PASSED

Ayes: Directors Anzini, Dwyer, Osborne, Veerkamp and Day

END OF CONSENT CALENDAR

INFORMATION ITEMS

4. Finance (Bandy)

March 31, 2023 Financial Update.

ACTION: None – Information only.

Information Items continued

5. Engineering (Money)

Update on alternative energy infrastructure, including in-conduit hydro, solar and battery storage.

ACTION: None – Information only.

6. Operations (Baxter)

Status update on 2023 water supplies.

ACTION: None – Information only.

ACTION ITEMS

7. Finance (Bandy)

Consider ratifying EID General Warrant Registers for the periods ending June 6 and June 13, 2023, and Board and Employee Expense Reimbursements for these periods.

Director Veerkamp recused himself from the deliberations and vote on this Item.

ACTION: Option 1: Ratified EID General Warrant Registers and Board and Employee Expense Reimbursements as submitted.

MOTION PASSED

Ayes: Directors Anzini, Dwyer, Osborne and Day

REVIEW OF ASSIGNMENTS

None

ADJOURNMENT

President Veerkamp adjourned the meeting at 10:10 A.M.

Brian K. Veerkamp
Board President
EL DORADO IRRIGATION DISTRICT

ATTEST

Jennifer Sullivan
Clerk to the Board
EL DORADO IRRIGATION DISTRICT

Approved: _____

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider adopting a resolution declaring Assessor Parcel No. 105-210-021 (Hidden Lake) to be surplus to District needs.

PREVIOUS BOARD ACTION

October 11, 2011 – Board adopted Resolution No. 2011-018 declaring certain District real property to be surplus and authorized staff to formulate and implement a disposition strategy.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

Water Code Section 22500

Water Code Section 22502

SUMMARY OF ISSUE

The District recently reacquired Assessor Parcel Number 105-210-021 (Parcel) from the Four Corners Land Owners' Association (FCLOA). Staff has determined this Parcel has no current or anticipated future use for District purposes. Therefore, staff requests that the Board declare this Parcel surplus to District needs.

BACKGROUND/DISCUSSION

The subject Parcel is a 5-acre property encompassing half of Hidden Lake in the Luneman area of Placerville. The Parcel and adjacent District-owned parcel, which includes the other half of Hidden Lake and declared surplus in 2011, were initially acquired by the District in the early 1970s for the recreational benefit of surrounding homeowners. Hidden Lake is not connected to the District's water distribution system, and there do not appear to be any known historical ditches that fed or conveyed water from the lake. In 1996, the District inadvertently transferred ownership of the Parcel to FCLOA as part of a separate transaction, and in 2022 FCLOA transferred the Parcel back to the District. Since the Parcel is used solely for recreation and provides no operational purpose for the District, disposition of the Parcel would eliminate potential liability and other expenses the District could incur in the future.

Staff seeks Board adoption of a resolution declaring this Parcel surplus to District needs. If the Parcel is declared surplus, staff will follow the procedures of the Surplus Lands Act. Staff will present proposed terms of any potential sale or transfer of the Parcel for Board consideration.

BOARD OPTIONS

Option 1: Adopt a resolution declaring Assessor Parcel No. 105-210-021 (Hidden Lake) to be surplus to District needs.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

RECOMMENDATION

Option 1

ATTACHMENTS

Attachment A: Proposed resolution

Attachment B: Assessor parcel map



Brian Poulsen
General Counsel



Dan Corcoran
Operations Director



_____ for
Jim Abercrombie
General Manager

**RESOLUTION OF THE BOARD OF DIRECTORS OF
EL DORADO IRRIGATION DISTRICT
DECLARING CERTAIN DISTRICT REAL PROPERTY TO BE SURPLUS
(APN 105-210-021)**

WHEREAS, El Dorado Irrigation District (“District”) owns certain real property described as El Dorado County Assessor’s Parcel Number (“APN”) 105-210-021; and

WHEREAS, APN 105-210-021 has been identified as surplus to District needs; and

WHEREAS, APN 105-210-021 was acquired by the District for the recreational benefit of surrounding property owners; and

WHEREAS, APN 105-210-021 serves no operational purpose for the District; and

WHEREAS, disposition of APN 105-210-021 would eliminate potential liability and other expenses District could possibly incur in the future; and

WHEREAS, District staff recommend that APN 105-210-021 be declared surplus to the needs of the District and sold or otherwise disposed of in a manner that serves the District’s best interests; and

WHEREAS, Water Code section 22500 states that when a Board determines by resolution entered upon the minutes that any property of the District is no longer necessary for District purposes, the District may for valuable consideration sell or lease the property upon terms that appear to the Board to be in the best interests of the District.

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Board of Directors of the EL DORADO IRRIGATION DISTRICT that this Board declares APN 105-210-021 surplus to the needs of the District and eligible to be sold or otherwise disposed of at the direction of the Board.

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1 The foregoing Resolution was introduced at a regular meeting of the Board of Directors of the
2 EL DORADO IRRIGATION DISTRICT, held on the 24th day of July 2023, by Director who moved
3 its adoption. The motion was seconded by Director and a poll vote taken which stood as follows:

- 4 AYES:
- 5 NOES:
- 6 ABSENT:
- 7 ABSTAIN:

8 The motion having a majority of votes “Aye”, the resolution was declared to have been
9 adopted, and it was so ordered.

Brian K. Veerkamp, President
Board of Directors
EL DORADO IRRIGATION DISTRICT

11 ATTEST:

Jennifer Sullivan
Clerk to the Board
EL DORADO IRRIGATION DISTRICT

16 (SEAL)

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I, the undersigned, Clerk to the Board of the EL DORADO IRRIGATION DISTRICT hereby certify that the foregoing resolution is a full, true and correct copy of a Resolution of the Board of Directors of the EL DORADO IRRIGATION DISTRICT entered into and adopted at a regular meeting of the Board of Directors held on the 24th day of July 2023.

Jennifer Sullivan
Clerk to the Board
EL DORADO IRRIGATION DISTRICT

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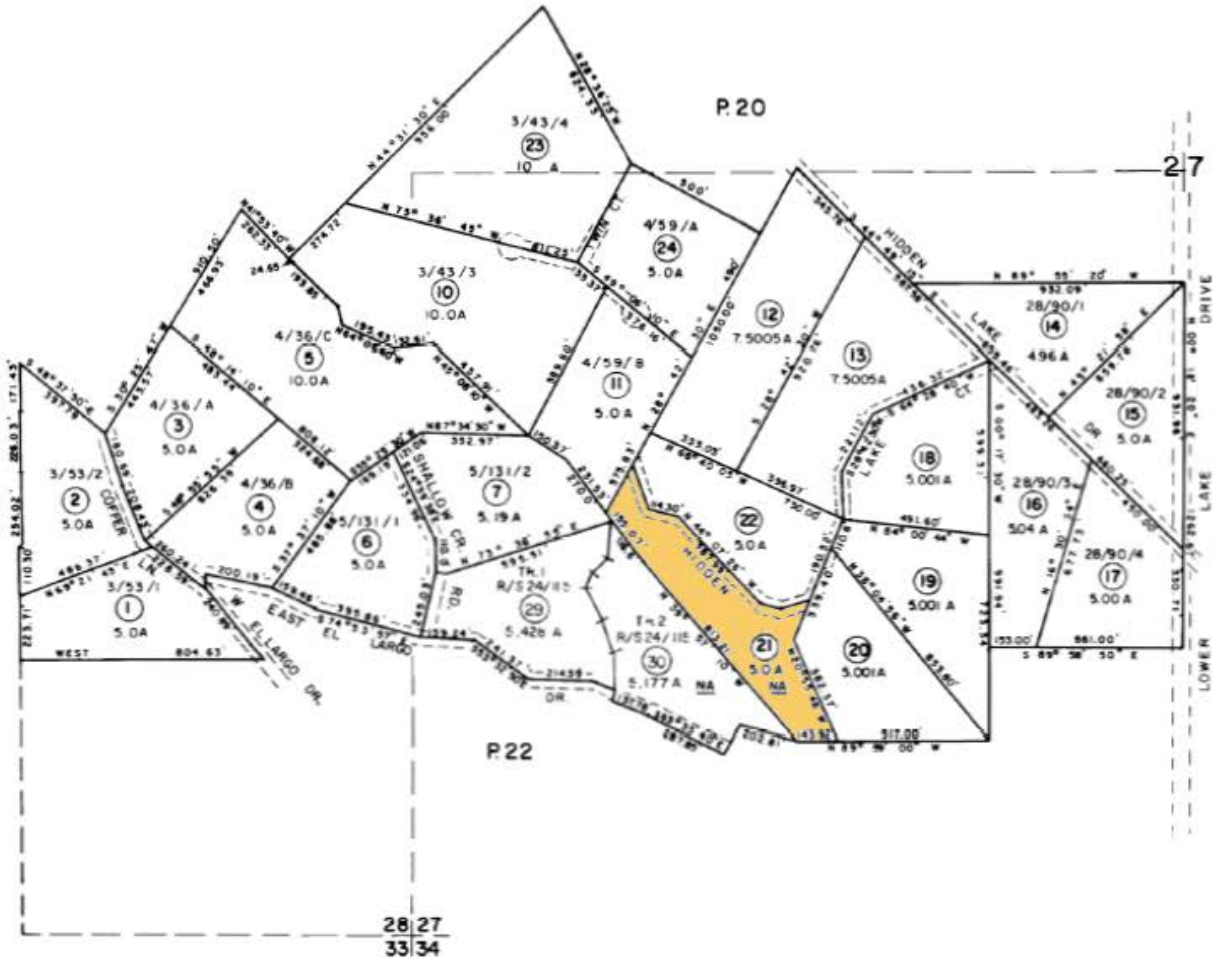
POR. W.1/2 SEC. 27& POR.E.1/2 SEC. 28T.II N.R. 9E.M.D.M.

Tax Area Code

105:21



BK. 104



NOTE - Assessor's Block Numbers Shown in Ellipses
Assessor's Parcel Numbers Shown in Circles

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider receiving and filing the District’s Investment Report for the quarter ending March 31, 2023.

PREVIOUS BOARD ACTION

The Board receives and files quarterly Investment Reports.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

BP 3090 Investment Policy

AR 3091.18 Reporting

SUMMARY OF ISSUE

The Investment Report for the quarter ending March 31, 2023 is attached for the Board’s review.

BACKGROUND/DISCUSSION

The attached Investment Report for the quarter ending March 31, 2023, covers the investment portfolios managed by the District showing the “par,” “market” and “book” values for all investments, as well as interest earnings. The par value is the value on the face of the security, market value is what it will sell for in the current market, and book value is the recorded value in the District’s accounting system. The book value may vary slightly from par due to variations in discounts and premiums. Additionally, the Investment Report provides an economic review as well as an economic outlook. Economic outlook reports are a valuable tool for assessing the markets and decision-making of potential investment opportunities.

El Dorado Irrigation District

INVESTMENT REPORT

for the Quarter Ended March 31, 2023

Portfolio Valuation

The table below outlines the par value, book value, market value and total earnings of the District's portfolios for the quarter ending March 31, 2023. The General Portfolio balance represents funds invested in Local Agency Investment Fund (LAIF), California Asset Management Program (CAMP), federal agency securities, corporate medium-term notes and certificates of deposit. The bond issue portfolio balances represent residual interest earnings earned on temporary debt service deposits held at U.S. Bank, the District's fiscal agent.

Portfolios as of 03/31/2023	Par Value	Book Value	Market Value	Total Earnings		Yield 365 Eq
				Qtr -To-Date	Year -To-Date	
General Portfolio	\$62,553,655	\$61,736,560	\$62,553,655	\$556,312	\$556,312	3.60%
2014A Bond Issue	15	15	15	0	0	4.06%
2016A Bond Issue	28	28	28	0	0	3.84%
2016B Bond Issue	138	138	138	1	1	3.85%
2016C Bond Issue	79	79	79	0	0	3.84%
2020A Bond Issue	200	200	200	1	1	3.83%
2020B/C Bond Issue	213	213	213	2	2	3.83%
2020D Bond Issue	108	108	108	1	1	3.83%
2022A Bond Issue	5,645,932	5,645,932	5,645,932	52,762	52,762	3.80%
Total	\$68,200,368	\$67,383,273	\$68,200,368	\$609,079	\$609,079	

Source of Market Value: Bank of New York

General Portfolio Composition

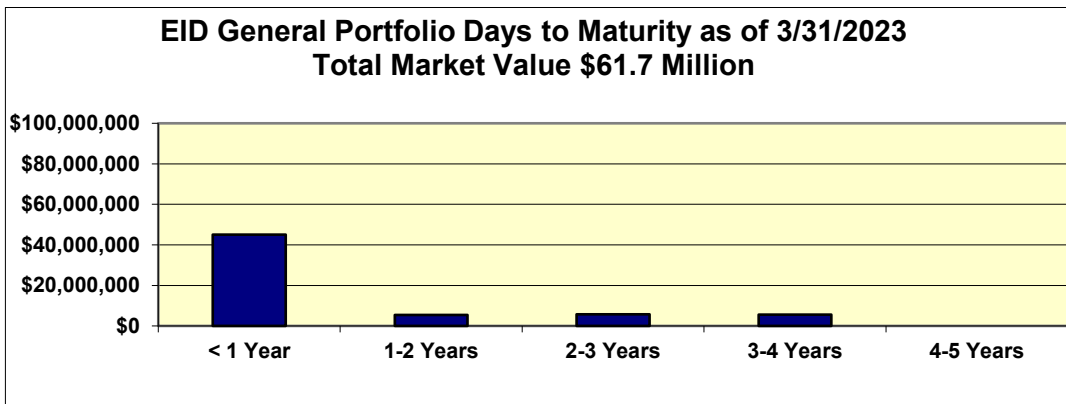
The table and chart below display the par value, book value and market value of the District's General Portfolio investment holdings. Additional information on the District's investments within each asset class below can be found in Attachment A.

General Portfolio as of 03/31/2023	Par Value	Book Value	Market Value	Unrealized Gain/(Loss)
LAIF – Managed Pooled Account	\$10,379,488	\$10,379,488	\$10,379,488	0
Federal Agency Securities	16,000,000	16,000,000	15,198,950	(801,050)
Certificates of Deposit (CD's)	500,000	500,000	482,624	(17,376)
CAMP – Managed Pooled Account	34,674,166	34,674,166	34,674,166	0
Corporate Medium Term Notes	1,000,000	1,000,000	1,001,330	1,330
Total	\$62,553,654	\$62,553,654	\$61,736,558	(\$817,096)

Source of Market Value: Bank of New York

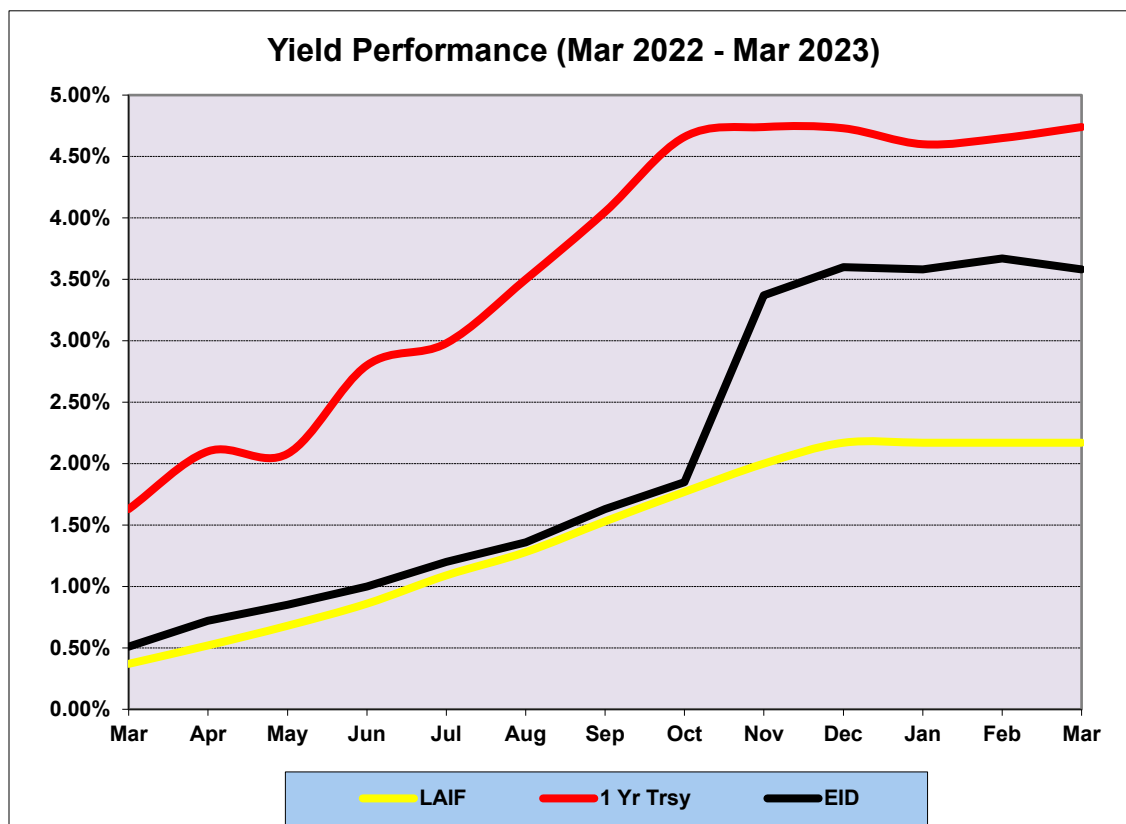
Maturity Schedule

The District’s General Portfolio’s weighted average days-to-maturity is 265 days. The weighted average days to maturity is the average number of days to maturity for the investments held in the portfolio but weighted by each investment’s percentage share of the total dollar amount of the investment holdings.



General Portfolio Yield Performance to Benchmarks

The graph below compares the District’s General Portfolio yield to LAIF and the one-year Treasury Note, which is the District’s benchmark, over the last 12-month period. The District’s General Portfolio current yield of 3.58% at 03/31/23 is currently trailing the one-year Treasury Note by 1.16 basis points.



Q1 2023 MARKET REVIEW AND OUTLOOK

Although most readings have decelerated from peak levels over the past few months, inflation is still far too high. The Fed has divided inflation into three buckets: goods (decelerating as supply chains normalize), housing (decelerating under rising mortgage rates but not showing up in inflation data until mid-2023), and non-housing related core services (still elevated due to the strong labor market and robust average hourly earnings).

The Bloomberg Barclays US Aggregate Bond index, which acts as a proxy for the investment-grade bond market, increased by 3.0% in the first quarter as the 10-Year Treasury yield declined from 3.87% to 3.47% in the period (bond prices move inversely to interest rates and credit spreads). The bond market is still trying to find footing after coming off the worst calendar year (2022: -13%) since the index's inception in 1976.

Fixed Income Returns				
Bloomberg Barclays Index	Q1-2023	2022	2021	2020
Aggregate	2.96%	-13.01%	-1.54%	7.51%
Treasury Bills	1.09%	1.52%	0.04%	0.54%
Corporates	3.50%	-15.76%	-1.04%	9.89%
High Yield	3.57%	-11.19%	5.28%	7.11%
Securitized MBS/ABS	2.47%	-11.67%	-1.04%	4.18%
Municipals	2.78%	-8.53%	5.21%	7.54%

Economic Outlook

The U.S. economy is meandering and sending several mixed signals about the future. During the first quarter manufacturing data, economic indicators, consumer spending, and the housing market weakened while inflation decelerated but remained above the Fed's 2% target. Meanwhile, the strength of the economy lies with the labor market. Real GDP estimates are currently +1% for both 2023 and 2024. Economists see U.S. economic growth in the 0.6% to 1.1% range for the first half of 2023.

Interest Rates Outlook

The Fed continue to tighten monetary policy to attempt to bring it under control. Since March of 2022, the Fed has increased interest rates by 4.75% total for one of the quickest tightening cycles in United States history. The federal funds rate was 4.74% at the end of March and increased to 5.24% at the end of the second quarter.

Treasury yields declined throughout the quarter, but the curve is still inverted with both the 3-Month (4.69%) and 2-Year (4.02%) higher than the 10-Year (3.47%) yield. An inverted yield curve indicates a pessimistic economic outlook and typically signals investors expect the Fed to cut rates soon. If the Fed does cut rates as investors expect, the 3-Month and 2-Year yields will fall below the 10-Year and the yield curve will be upward sloping again.

BOARD OPTIONS

Option 1: Receive and file the District's Investment Report for the quarter ending March 31, 2023.

Option 2: Take other action as directed by the Board.

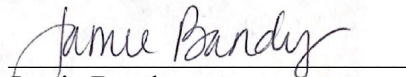
Option 3: Take no action.

RECOMMENDATION

Option 1

ATTACHMENTS

Attachment A: SymPro Portfolio Management Reports



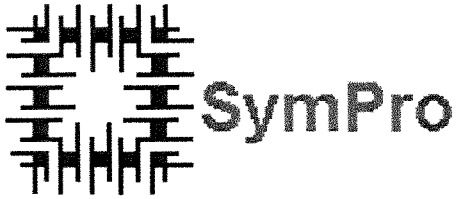
Jamie Bandy

Finance Director

 for

Jim Abercrombie

General Manager



**EID General Portfolio
Portfolio Management
Portfolio Summary
March 31, 2023**

Attachment A

El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA
(530)642-4019

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts - CAMP	34,674,166.86	34,674,166.86	34,674,166.86	55.43	1	1	4.241	4.300
Managed Pool Accounts - LAIF	10,379,488.42	10,379,488.42	10,379,488.42	16.59	1	1	2.143	2.173
Certificates of Deposit - Bank	500,000.00	482,624.70	500,000.00	0.80	1,827	417	2.614	2.650
Corporate Medium Term Notes	1,000,000.00	1,001,330.00	1,000,000.00	1.60	731	625	5.425	5.500
Federal Agency Coupon Securities	16,000,000.00	15,198,950.00	16,000,000.00	25.58	1,303	979	2.865	2.905
Investments	62,553,655.28	61,736,559.98	62,553,655.28	100.00%	360	265	3.547	3.596

Total Earnings	March 31	Month Ending
Current Year		190,221.65
Average Daily Balance		62,553,655.28
Effective Rate of Return		3.58%

Tony Pasquarello, Deputy Treasurer

Reporting period 03/01/2023-03/31/2023

Run Date: 07/12/2023 - 17:15

No fiscal year history available

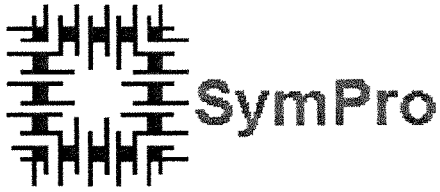
Portfolio GEN
CP
PM (PRF_PM1) 7.3.0
Report Ver. 7.3.5

**EID General Portfolio
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts - CAMP												
SYS10017	1001	California Asset Mgmt Program			34,674,166.86	34,674,166.86	34,674,166.86	4.300		4.300	1	
Subtotal and Average			34,674,166.86		34,674,166.86	34,674,166.86	34,674,166.86			4.300	1	
Managed Pool Accounts - LAIF												
SYS1000	1000	Local Agency Investment Fund		01/01/2022	10,379,488.42	10,379,488.42	10,379,488.42	2.173		2.173	1	
Subtotal and Average			10,379,488.42		10,379,488.42	10,379,488.42	10,379,488.42			2.173	1	
Certificates of Deposit - Bank												
14042TAP2	10591	Capital One		05/22/2019	250,000.00	241,312.35	250,000.00	2.650		2.650	417	05/22/2024
14042RLP4	10592	Capital One		05/22/2019	250,000.00	241,312.35	250,000.00	2.650		2.650	417	05/22/2024
Subtotal and Average			500,000.00		500,000.00	482,624.70	500,000.00			2.650	417	
Corporate Medium Term Notes												
17330YNR7	10645	Citi Group		12/16/2022	1,000,000.00	1,001,330.00	1,000,000.00	5.500	A	5.500	625	12/16/2024
Subtotal and Average			1,000,000.00		1,000,000.00	1,001,330.00	1,000,000.00			5.500	625	
Federal Agency Coupon Securities												
3133ENST8	10638	Federal Farm Credit Bank		03/30/2022	1,000,000.00	946,380.00	1,000,000.00	2.770	AAA	2.770	1,094	03/30/2026 --
3133ENSV3	10639	Federal Farm Credit Bank		03/28/2022	1,000,000.00	957,980.00	1,000,000.00	2.620	AAA	2.620	727	03/28/2025 -
3133ENK82	10642	Federal Farm Credit Bank		09/12/2022	2,000,000.00	1,969,080.00	2,000,000.00	4.125	AAA	4.127	986	12/12/2025 -
3133EN3B4	10643	Federal Farm Credit Bank		11/28/2022	2,000,000.00	2,000,400.00	2,000,000.00	5.340	AAA	5.340	1,153	05/28/2026 *
3130APGT6	10632	Federal Home Loan Bank		10/28/2021	2,000,000.00	1,780,620.00	2,000,000.00	1.150	AAA	1.150	1,306	10/28/2026 *
3130AQ6R9	10633	Federal Home Loan Bank		12/23/2021	1,000,000.00	910,100.00	1,000,000.00	1.250	AAA	1.250	936	10/23/2025 *
3130AQ5S8	10634	Federal Home Loan Bank		12/30/2021	1,000,000.00	921,120.00	1,000,000.00	1.250	AAA	1.250	821	06/30/2025 *
3130AQFP3	10635	Federal Home Loan Bank		12/30/2021	2,000,000.00	1,781,560.00	2,000,000.00	1.400	AAA	1.400	1,369	12/30/2026 *
3130ARH53	10640	Federal Home Loan Bank		04/22/2022	1,000,000.00	969,150.00	1,000,000.00	2.000	AAA	2.000	752	04/22/2025 *
3130ARGP0	10641	Federal Home Loan Bank		04/11/2022	1,000,000.00	962,940.00	1,000,000.00	2.500	AAA	2.500	559	10/11/2024 *
3130ATXG7	10646	Federal Home Loan Bank		12/12/2022	1,000,000.00	999,860.00	1,000,000.00	5.000	AAA	5.000	621	12/12/2024 *
3134GY5L2	10644	Federal Home Loan Mortg. Co.		12/13/2022	1,000,000.00	999,760.00	1,000,000.00	5.050	AAA	5.055	531	09/13/2024 *
Subtotal and Average			16,000,000.00		16,000,000.00	15,198,950.00	16,000,000.00			2.905	979	

**EID General Portfolio
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity
Total and Average			62,553,655.28		62,553,655.28	61,736,559.98	62,553,655.28			3.596	265



**EID General Portfolio
Accrued Interest
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023**

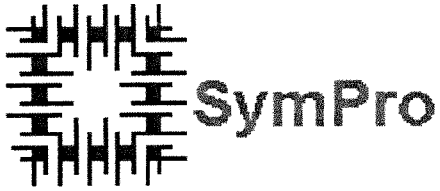
El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA
(530)642-4019

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts - CAMP										
SYS10017	1001	LA3	34,674,166.86		4.300	388,697.39	0.00	126,631.96	0.00	515,329.35
		Subtotal	34,674,166.86			388,697.39	0.00	126,631.96	0.00	515,329.35
Managed Pool Accounts - LAIF										
SYS1000	1000	LA4	10,379,488.42		2.173	36,322.82	0.00	19,155.99	0.00	55,478.81
		Subtotal	10,379,488.42			36,322.82	0.00	19,155.99	0.00	55,478.81
Certificates of Deposit - Bank										
14042RLP4	10592	BCD	250,000.00	05/22/2024	2.650	1,796.90	0.00	562.68	0.00	2,359.58
14042TAP2	10591	BCD	250,000.00	05/22/2024	2.650	1,796.90	0.00	562.68	0.00	2,359.58
		Subtotal	500,000.00			3,593.80	0.00	1,125.36	0.00	4,719.16
Corporate Medium Term Notes										
17330YNR7	10645	MTN	1,000,000.00	12/16/2024	5.500	11,458.33	0.00	4,583.34	0.00	16,041.67
		Subtotal	1,000,000.00			11,458.33	0.00	4,583.34	0.00	16,041.67
Federal Agency Coupon Securities										
3130APGT6	10632	FAC	2,000,000.00	10/28/2026	1.150	7,858.33	0.00	1,916.67	0.00	9,775.00
3130AQ5S8	10634	FAC	1,000,000.00	06/30/2025	1.250	8,368.06	0.00	1,041.66	0.00	9,409.72
3130AQ6R9	10633	FAC	1,000,000.00	10/23/2025	1.250	2,361.11	0.00	1,041.67	0.00	3,402.78
3130AQFP3	10635	FAC	2,000,000.00	12/30/2026	1.400	18,744.44	0.00	2,333.34	0.00	21,077.78
3130ARGP0	10641	FAC	1,000,000.00	10/11/2024	2.500	9,722.22	0.00	2,083.34	0.00	11,805.56
3130ARH53	10640	FAC	1,000,000.00	04/22/2025	2.000	7,166.67	0.00	1,666.66	0.00	8,833.33
3130ATXG7	10646	FAC	1,000,000.00	12/12/2024	5.000	10,972.22	0.00	4,166.67	0.00	15,138.89
3133EN3B4	10643	FAC	2,000,000.00	05/28/2026	5.340	27,590.00	0.00	8,900.00	0.00	36,490.00
3133ENK82	10642	FAC	2,000,000.00	12/12/2025	4.125	18,104.17	0.00	6,875.00	0.00	24,979.17
3133ENST8	10638	FAC	1,000,000.00	03/30/2026	2.770	11,618.61	0.00	2,308.33	0.00	13,926.94
3133ENSU3	10639	FAC	1,000,000.00	03/28/2025	2.620	11,135.00	0.00	2,183.33	0.00	13,318.33
3134GY5L2	10644	FAC	1,000,000.00	09/13/2024	5.050	10,941.67	0.00	4,208.33	0.00	15,150.00
		Subtotal	16,000,000.00			144,582.50	0.00	38,725.00	0.00	183,307.50
		Total	62,553,855.28			584,654.84	0.00	190,221.65	0.00	774,876.49

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**EID General Portfolio
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	204,068.33	204,068.33
Less Accrued Interest at Beginning of Period	(159,634.63)	(70,876.19)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	44,433.70	133,192.14
Interest Earned during Period	44,433.70	133,192.14
Adjusted by Capital Gains or Losses	0.00	0.00
	44,433.70	133,192.14
Earnings during Periods	44,433.70	133,192.14
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	189,448.62
Plus Accrued Interest at End of Period	570,808.16	570,808.16
Less Accrued Interest at Beginning of Period	(425,020.21)	(337,136.80)
	145,787.95	423,119.98
Interest Earned during Period	145,787.95	423,119.98
Total Interest Earned during Period	190,221.65	556,312.12
Total Capital Gains or Losses	0.00	0.00
	190,221.65	556,312.12
Total Earnings during Period	190,221.65	556,312.12



**EID General Portfolio
Activity Report
Sorted By Issuer
January 1, 2023 - March 31, 2023**

El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA
(530)642-4019

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value Beginning Balance	Current Rate	Transaction Date	Purchases or Deposits	Par Value Redemptions or Withdrawals	Ending Balance
Issuer: Bank of America									
Cash and Equivalents									
				0.00					0.00
			0.000%	0.00			0.00	0.00	0.00
Issuer: California Asset Mgmt Program									
Managed Pool Accounts - CAMP									
				34,674,166.86					34,674,166.86
			55.431%	34,674,166.86			0.00	0.00	34,674,166.86
Issuer: Capital One									
Certificates of Deposit - Bank									
				500,000.00					500,000.00
			0.799%	500,000.00			0.00	0.00	500,000.00
Issuer: Citi Group									
Corporate Medium Term Notes									
				1,000,000.00					1,000,000.00
			1.599%	1,000,000.00			0.00	0.00	1,000,000.00
Issuer: El Dorado Savings Bank									
Cash and Equivalents									
				0.00					0.00
			0.000%	0.00			0.00	0.00	0.00

EID General Portfolio
Activity Report
January 1, 2023 - March 31, 2023

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Transaction Date	Par Value		Ending Balance
				Beginning Balance	Current Rate		Purchases or Deposits	Redemptions or Withdrawals	
Issuer: Federal Farm Credit Bank									
Federal Agency Coupon Securities									
				6,000,000.00					6,000,000.00
				6,000,000.00			0.00	0.00	6,000,000.00
Issuer: Federal Home Loan Bank									
Federal Agency Coupon Securities									
				9,000,000.00					9,000,000.00
			14.388%	9,000,000.00			0.00	0.00	9,000,000.00
Issuer: Federal Home Loan Mortg. Co.									
Federal Agency Coupon Securities									
				1,000,000.00					1,000,000.00
			1.599%	1,000,000.00			0.00	0.00	1,000,000.00
Issuer: Local Agency Investment Fund									
Managed Pool Accounts - LAIF									
SYS1000	1000	Local Agency Investment Fund			2.173		189,448.62	0.00	
				10,190,039.80			189,448.62	0.00	10,379,488.42
			16.593%	10,190,039.80			189,448.62	0.00	10,379,488.42
		Total	100.000%	62,364,206.66			189,448.62	0.00	62,553,655.28

**2014A Fixed Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	15.03	15.03	15.03	100.00	1	1	4.004	4.060
Investments	15.03	15.03	15.03	100.00%	1	1	4.004	4.060

Total Earnings	March 31	Month Ending
Current Year	0.05	
Average Daily Balance	15.03	
Effective Rate of Return	3.92%	

Tony Pasquarello,

**2014A Fixed Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
31617510S	10000	Fidelity Money Market		01/01/2022	0.00	0.00	0.00	0.010		0.010	1	
31617510S	10010	Fidelity Money Market		01/01/2022	15.03	15.03	15.03	4.060		4.060	1	
		Subtotal and Average	15.03		15.03	15.03	15.03			4.060	1	
		Total and Average	15.03		15.03	15.03	15.03			4.060	1	

**2014A Fixed Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.20	0.20
Less Accrued Interest at Beginning of Period	(0.15)	(0.05)
Interest Earned during Period	0.05	0.15
Total Interest Earned during Period	0.05	0.15
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.05	0.15

**2014A Fixed Issue
Accrued Interest**
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
31617510S	10000	LA1	0.00		0.010	0.00	0.00	0.00	0.00	0.00
31617510S	10010	LA1	15.03		4.060	0.15	0.00	0.05	0.00	0.20
		Subtotal	15.03			0.15	0.00	0.05	0.00	0.20
		Total	15.03			0.15	0.00	0.05	0.00	0.20

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**2016A Fixed Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	28.38	28.38	28.38	100.00	1	1	3.787	3.840
Investments	28.38	28.38	28.38	100.00%	1	1	3.787	3.840

Total Earnings	March 31	Month Ending
Current Year	0.09	
Average Daily Balance	28.38	
Effective Rate of Return	3.73%	

Tony Pasquarello,

**2016A Fixed Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
09248U80S	10000	Blackrock		01/01/2022	0.00	0.00	0.00	0.660		0.660	1	
09248U80S	10001	Blackrock		01/01/2022	28.38	28.38	28.38	3.840		3.840	1	
09248U80S	10003	Blackrock		01/01/2022	0.00	0.00	0.00	1.480		1.480	1	
09248U80S	10005	Blackrock			0.00	0.00	0.00	0.040		0.040	1	
Subtotal and Average			28.38		28.38	28.38	28.38			3.840	1	
Total and Average			28.38		28.38	28.38	28.38			3.840	1	

**2016A Fixed Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.36	0.36
Less Accrued Interest at Beginning of Period	(0.27)	(0.09)
Interest Earned during Period	0.09	0.27
Total Interest Earned during Period	0.09	0.27
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.09	0.27

**2016A Fixed Issue
Accrued Interest**
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
09248U80S	10001	LA1	28.38		3.840	0.27	0.00	0.09	0.00	0.36
		Subtotal	28.38			0.27	0.00	0.09	0.00	0.36
		Total	28.38			0.27	0.00	0.09	0.00	0.36

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**2016B Fixed Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	138.35	138.35	138.35	100.00	1	1	3.797	3.849
Investments	138.35	138.35	138.35	100.00%	1	1	3.797	3.849

Total Earnings	March 31	Month Ending
Current Year	0.45	
Average Daily Balance	138.35	
Effective Rate of Return	3.83%	

Tony Pasquarello,

**2016B Fixed Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
09248U809	10004	BlackRock Liquidity Fed Fund		01/01/2022	0.00	0.00	0.00	0.670		0.670	1	
09248U809	10005	BlackRock Liquidity Fed Fund		01/01/2022	138.26	138.26	138.26	3.850		3.850	1	
09248U809	10006	BlackRock Liquidity Fed Fund			0.00	0.00	0.00	1.790		1.790	1	
09248U809	10010	BlackRock Liquidity Fed Fund		02/28/2022	0.09	0.09	0.09	2.670		2.670	1	
SYS10000	10000	Local Agency Investment Fund			0.00	0.00	0.00	0.620		0.620	1	
		Subtotal and Average	138.35		138.35	138.35	138.35			3.849	1	
		Total and Average	138.35		138.35	138.35	138.35			3.849	1	

**2016B Fixed Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	1.76	1.76
Less Accrued Interest at Beginning of Period	(1.31)	(0.45)
Interest Earned during Period	0.45	1.31
Total Interest Earned during Period	0.45	1.31
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.45	1.31

**2016B Fixed Issue
Accrued Interest
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
09248U809	10005	LA1	138.26		3.850	1.31	0.00	0.45	0.00	1.76
09248U809	10006	LA1	0.00		1.790	0.00	0.00	0.00	0.00	0.00
09248U809	10010	LA1	0.09		2.670	0.00	0.00	0.00	0.00	0.00
		Subtotal	138.35			1.31	0.00	0.45	0.00	1.76
		Total	138.35			1.31	0.00	0.45	0.00	1.76

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**2016C Fixed Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	78.93	78.93	78.93	100.00	1	1	3.787	3.840
Investments	78.93	78.93	78.93	100.00%	1	1	3.787	3.840

Total Earnings	March 31	Month Ending
Current Year	0.26	
Average Daily Balance	78.93	
Effective Rate of Return	3.88%	

Tony Pasquarello,

**2016C Fixed Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
09248U809	10000	BlackRock Money Market Fund		01/01/2022	0.00	0.00	0.00		AAA	0.000	1	
09248U809	10001	BlackRock Money Market Fund		01/01/2022	78.93	78.93	78.93	3.840	AAA	3.840	1	
09248U809	10012	BlackRock Money Market Fund			0.00	0.00	0.00	0.040	AAA	0.040	1	
Subtotal and Average			78.93		78.93	78.93	78.93			3.840	1	
Total and Average			78.93		78.93	78.93	78.93			3.840	1	

**2016C Fixed Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	1.01	1.01
Less Accrued Interest at Beginning of Period	(0.75)	(0.26)
Interest Earned during Period	0.26	0.75
Total Interest Earned during Period	0.26	0.75
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.26	0.75

**2016C Fixed Issue
Accrued Interest
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
09248U809	10001	LA1	78.93		3.840	0.75	0.00	0.26	0.00	1.01
		Subtotal	78.93			0.75	0.00	0.26	0.00	1.01
		Total	78.93			0.75	0.00	0.26	0.00	1.01

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**2020A Bond Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	199.64	199.64	199.64	100.00	1	1	3.778	3.830
Investments	199.64	199.64	199.64	100.00%	1	1	3.778	3.830

Total Earnings	March 31	Month Ending
Current Year		0.65
Average Daily Balance		199.64
Effective Rate of Return		3.83%

Tony Pasquarello,

Reporting period 03/01/2023-03/31/2023

Run Date: 07/12/2023 - 17:56

No fiscal year history available

Portfolio 20A
AC
PM (PRF_PM1) 7.3.0
Report Ver: 7.3.5

**2020A Bond Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
SYS10004	10004	Fidelity Money Market			0.00	0.00	0.00	0.010	AAA	0.010	1	
316175603	10005	Fidelity Money Market			199.64	199.64	199.64	3.830		3.830	1	
SYS10000	10000	Local Agency Investment Fund			0.00	0.00	0.00	2.173		2.173	1	
		Subtotal and Average	199.64		199.64	199.64	199.64			3.830	1	
		Total and Average	199.64		199.64	199.64	199.64			3.830	1	

**2020A Bond Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	26.87
Plus Accrued Interest at End of Period	7.72	7.72
Less Accrued Interest at Beginning of Period	(7.07)	(32.68)
Interest Earned during Period	0.65	1.91
Total Interest Earned during Period	0.65	1.91
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.65	1.91

**2020A Bond Issue
Accrued Interest
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
316175603	10005	LA1	199.64		3.830	2.87	0.00	0.65	0.00	3.52
SYS10000	10000	LA1	0.00		2.173	0.02	0.00	0.00	0.00	0.02
SYS10004	10004	LA1	0.00		0.010	4.18	0.00	0.00	0.00	4.18
		Subtotal	199.64			7.07	0.00	0.65	0.00	7.72
		Total	199.64			7.07	0.00	0.65	0.00	7.72

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**2020B&C Bond Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	212.77	212.77	212.77	100.00	1	1	3.778	3.830
Investments	212.77	212.77	212.77	100.00%	1	1	3.778	3.830

Total Earnings	March 31	Month Ending
Current Year		0.69
Average Daily Balance		212.77
Effective Rate of Return		3.82%

Tony Pasquarello,

**2020B&C Bond Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
316175603	10001	Fidelity Money Market		01/01/2022	0.00	0.00	0.00			0.000	1	
316175603	10002	Fidelity Money Market			212.77	212.77	212.77	3.830		3.830	1	
316175603	10003	Fidelity Money Market			0.00	0.00	0.00	0.010		0.010	1	
316175603	10004	Fidelity Money Market			0.00	0.00	0.00	0.010		0.010	1	
316175603	10006	Fidelity Money Market		01/01/2022	0.00	0.00	0.00			0.000	1	
Subtotal and Average			212.77		212.77	212.77	212.77			3.830	1	
Total and Average			212.77		212.77	212.77	212.77			3.830	1	

**2020B&C Bond Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	2.70	2.70
Less Accrued Interest at Beginning of Period	(2.01)	(0.69)
Interest Earned during Period	0.69	2.01
Total Interest Earned during Period	0.69	2.01
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.69	2.01

2020B&C Bond Issue
Accrued Interest
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
316175603	10002	LA1	212.77		3.830	2.01	0.00	0.69	0.00	2.70
316175603	10003	LA1	0.00		0.010	0.00	0.00	0.00	0.00	0.00
		Subtotal	212.77			2.01	0.00	0.69	0.00	2.70
		Total	212.77			2.01	0.00	0.69	0.00	2.70

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**2020D Bond Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	108.15	108.15	108.15	100.00	1	1	3.778	3.830
Investments	108.15	108.15	108.15	100.00%	1	1	3.778	3.830

Total Earnings	March 31	Month Ending
Current Year		0.35
Average Daily Balance		108.15
Effective Rate of Return		3.81%

Tony Pasquarello,

Reporting period 03/01/2023-03/31/2023

Run Date: 07/12/2023 - 18:06

No fiscal year history available

Portfolio 20D
AC
PM (PRF_PM1) 7.3.0
Report Ver. 7.3.5

**2020D Bond Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
316175603	10000	Fidelity Money Market			0.00	0.00	0.00	0.010		0.010	1	
316175603	10001	Fidelity Money Market			108.15	108.15	108.15	3.830		3.830	1	
		Subtotal and Average	108.15		108.15	108.15	108.15			3.830	1	
		Total and Average	108.15		108.15	108.15	108.15			3.830	1	

**2020D Bond Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	1.37	1.37
Less Accrued Interest at Beginning of Period	(1.02)	(0.35)
Interest Earned during Period	0.35	1.02
Total Interest Earned during Period	0.35	1.02
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.35	1.02

**2020D Bond Issue
Accrued Interest
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
316175603	10001	LA1	108.15		3.830	1.02	0.00	0.35	0.00	1.37
		Subtotal	108.15			1.02	0.00	0.35	0.00	1.37
		Total	108.15			1.02	0.00	0.35	0.00	1.37

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

**2022A Bond Issue
Portfolio Management
Portfolio Summary
March 31, 2023**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	5,645,931.73	5,645,931.73	5,645,931.73	100.00	1	1	3.738	3.790
Investments	5,645,931.73	5,645,931.73	5,645,931.73	100.00%	1	1	3.738	3.790

Total Earnings	March 31	Month Ending
Current Year		18,173.71
Average Daily Balance		5,645,931.73
Effective Rate of Return		3.79%

Tony Pasquarello,

**2022A Bond Issue
Portfolio Management
Portfolio Details - Investments
March 31, 2023**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
31846V203	10003	First American Government Fund		01/01/2022	0.00	0.00	0.00	3.790		3.790	1	
31846V203	10005	First American Government Fund		11/17/2022	1,520,931.73	1,520,931.73	1,520,931.73	3.790		3.790	1	
31846V203	10007	First American Government Fund		12/29/2022	4,125,000.00	4,125,000.00	4,125,000.00	3.790		3.790	1	
		Subtotal and Average	5,645,931.73		5,645,931.73	5,645,931.73	5,645,931.73			3.790	1	
		Total and Average	5,645,931.73		5,645,931.73	5,645,931.73	5,645,931.73			3.790	1	

**2022A Bond Issue
Portfolio Management
Interest Earnings Summary
March 31, 2023**

	March 31 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	54,698.67	54,698.67
Less Accrued Interest at Beginning of Period	(36,524.96)	(1,936.28)
Interest Earned during Period	18,173.71	52,762.39
Total Interest Earned during Period	18,173.71	52,762.39
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	18,173.71	52,762.39

**2022A Bond Issue
Accrued Interest
Sorted by Security Type - Security ID
March 1, 2023 - March 31, 2023**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
31846V203	10003	LA1	0.00		3.790	0.00	0.00	0.00	0.00	0.00
31846V203	10005	LA1	1,520,931.73		3.790	9,969.00	0.00	4,895.73	0.00	14,864.73
31846V203	10007	LA1	4,125,000.00		3.790	26,555.96	0.00	13,277.98	0.00	39,833.94
		Subtotal	5,645,931.73			36,524.96	0.00	18,173.71	0.00	54,698.67
		Total	5,645,931.73			36,524.96	0.00	18,173.71	0.00	54,698.67

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest.

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider awarding a contract to WildHeron Drilling in the not-to-exceed amount of \$177,849 for well drilling for the Silver Lake Campgrounds and authorize additional funding of \$10,000 for construction inspection services, \$10,833 for engineering services, \$35,000 for capitalized labor and \$23,368 in contingencies for a total funding request of \$257,050 for the Silver Lake East Campground Reconstruction, Project No. 06082H.02; and consider the Addendum to the Mitigated Negative Declaration for the Caples Lake and Silver Lake East Campground Improvements Project.

PREVIOUS BOARD ACTION

April 7, 2003 – Board approved the Settlement Agreement developed in the Project 184 Relicensing Collaborative, Project No. 98010H that included the Silver Lake East campground improvements.

August 12, 2019 – Board adopted the Mitigated Negative Declaration for the Caples Lake and Silver Lake East Campground Improvements.

February 28, 2022 – Board approved a contract amendment to Peterson Brustad Inc. in the not-to-exceed amount of \$18,755 for additional work associated with design of the Silver Lake Well Project.

November 14, 2022 – Board adopted the 2023 – 2027 Capital Improvement Plan (CIP) which included the Silver Lake Well Project.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

BP 3060 Contracts and Procurement
BP 8010 Hydroelectric System Management

SUMMARY OF ISSUE

The Silver Lake Well Project is a requirement of the District's Federal Energy Regulatory Commission (FERC) license for Project No. 184. The District completed all license-required campground improvements in 2020, except for installing a new water system to supply potable water to the Silver Lake East campground.

BACKGROUND/DISCUSSION

The FERC Project No. 184 license includes conditions that require the District to implement specific improvements at U.S. Forest Service (USFS) owned recreation facilities, including Silver Lake East campground. In the fall of 2020, the District completed all license-required Silver Lake East campground upgrades except for installing the new water system. Staff had planned to meet this license requirement by restoring and improving an existing well located on the District property near the old Kay's Resort. However, as design and permitting progressed, it became evident that recommissioning the Kay's Resort well was not feasible. Investigating drilling a new well to supply both campgrounds was more appropriate and cost-effective. Staff contracted with a hydro-geologist to evaluate potential well locations in the area. This analysis led to identifying two potential well sites near the existing water system tank on the east side of the Silver Lake East Campground. District and USFS staff conducted a site visit to evaluate these potential locations for the well and identified a suitable site.

The entire project includes the development of a new well, constructing appurtenant facilities (e.g., tank, building, solar panels, waterline connection under Highway 88, etc.), and connection to the existing distribution system. The Silver Lake Well Project will provide a safe and reliable water supply for the USFS-owned Silver Lake East Campground and District’s Silver Lake West Campground.

In April 2023, the District requested bids to complete the well drilling and construction of appurtenant facilities under a single contract. However, the District received only one bid for this solicitation, which it rejected because the contractor was not registered as a public works contractor and failed to file a complete bid package with the required bid bond and all the necessary signatures. The District received feedback from several potential general contractors stating that they elected not to submit a bid due to the limited availability of well drillers, and corresponding well drillers didn’t bid on the project due to the associated construction of appurtenant facilities. In response to this feedback and to ensure continued progress in implementing this license requirement, staff separated the well-drilling services from the construction of the appurtenant facilities. It solicited proposals for the well-drilling services only at this time. Staff plans to re-bid the construction of appurtenant facilities later this year after some additional exploratory work and complete the final aspects of the project next year.

Scope of Work

The scope of work of this contract generally consists of drilling, testing, and developing an 800-foot deep, 4-inch diameter well capable of producing 60 gallons per minute.

Request for Proposals

The District issued a request for proposals (RFP) on June 14, 2023, for well-drilling and development services. On June 28, 2023, the District received three proposals as follows:

Table 1 – Summary of Proposals

	Drilling Firm	Fee Proposal
1	WildHeron Drilling	\$177,849
2	Well Industries, Inc.	\$283,800
3	West Coast Pump & Well Works	\$595,370

WildHeron Drilling received the highest overall rating based upon criteria established in the RFP and submitted the lowest cost proposal.

Schedule

The well drilling services associated with this contract are scheduled to begin in September, with a required completion date of October 20, 2023. The remaining construction of appurtenant facilities will be completed in 2024 through a separate construction contract. The engineer’s estimate to complete the project’s remaining components is approximately \$1,200,000. Staff anticipates issuing the RFB for the remaining aspects of the work this fall and presenting the remaining construction work for Board consideration in November 2023.

The District has requested and received several time extensions to complete this FERC license requirement. The current FERC due date for completing the new water system is October 18, 2023. Given the current circumstances, staff has requested an additional one-year extension to October 18, 2024 to complete the project, including construction of appurtenant facilities.

Table 2 provides the anticipated schedule for the remaining work:

Table 2 – Anticipated Schedule

Event	Date
Well drilling	September – October 2023
Bidding appurtenant facilities	September – October 2023
Construction of appurtenant facilities	June – August 2024

Public Outreach

A portion of this project may be completed while the Silver Lake East Campground is open. Drilling work will be limited to Monday – Friday from 8:00 a.m. – 5:00 p.m. The District will work with USFS to advise campers of the well development schedule, including advance notice where possible for those campers who may have reserved sites in advance.

Environmental Review

The District, acting as the Lead Agency, must comply with California Environmental Quality Act (CEQA) requirements for the Silver Lake Well Project. On August 12, 2019, the Board adopted the Mitigated Negative Declaration (MND) for the Caples Lake and Silver Lake East Campground Improvements Project, State Clearinghouse No. 2019069119 (Attachment C).

An Addendum (Attachment D) to the MND was prepared to evaluate the relocation of the campground well to the Silver Lake East Campground. Section 15164(a) of the State CEQA Guidelines provides that an addendum to an adopted negative declaration may be prepared if minor technical changes or additions are necessary and the revised project does not constitute any substantial changes to the original proposed project. The relocation of the well to supply the campgrounds would result in no new significant impacts, substantial increases in the severity of impacts previously identified by the MND, and would require no new or additional mitigation measures. The revised project will not have a significant effect on the environment and the MND adopted by the Board in 2019 remains applicable to the revised project.

Staff requests that the Board consider the Addendum to the MND to satisfy the requirements of CEQA. Upon approval of this Board item, staff will include the Addendum as an appendix to the adopted MND and file a Notice of Determination with the State Clearinghouse.

FUNDING

Staff requests initial funding for the well drilling and development portion of the work only, plus additional capitalized labor to re-bid the construction of the appurtenant facilities of \$257,050.

Please note additional funding, currently estimated to be approximately \$1,200,000, will be needed to complete the project. Additional funding needs will be evaluated and included in the 2024-2028 CIP update this fall and for subsequent Board consideration in November 2023 for the construction contract.

The 2023-2027 CIP identified \$1,000,000 in funding for this project. The funding source is 100% water facility capacity charges.

Table 3 – Funding Requirements

WildHeron Drilling	\$177,849
On-call specialty inspection services	\$10,000
Construction engineering services	\$10,833
Capitalized labor – project management, environmental compliance, permitting	\$35,000
Project contingency (10%)	\$23,368
TOTAL	\$257,050

BOARD OPTIONS

Option 1: Award a contract to WildHeron Drilling in the not-to-exceed amount of \$177,849 for well drilling for the Silver Lake Campgrounds and authorize additional funding of \$10,000 for inspection services, \$10,833 for engineering services, \$35,000 for capitalized labor and \$23,368 in contingencies for a total funding request of \$257,050 for the Silver Lake East Campground Reconstruction, Project No. 06082H.02; and consider the Addendum to the Mitigated Negative Declaration for the Caples Lake and Silver Lake East Campground Improvements Project.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

RECOMMENDATION

Option 1

ATTACHMENTS

Attachment A: WildHeron drilling proposal

Attachment B: CIP summary

Attachment C: Addendum to Mitigated Negative Declaration

Attachment D: 2019 Mitigated Negative Declaration



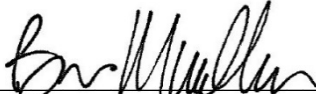
Madeline Kelsch
Associate Civil Engineer



Brian Deason
Environmental Resources Supervisor



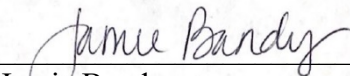
Carl Certiberi
Parks and Recreation Manager



Brian Mueller
Engineering Director



Dan Corcoran
Operations Director



Jamie Bandy
Finance Director



Brian Poulsen
General Counsel

Jim Abercrombie
General Manager

Silver Lake Campground

Well Drilling

Project No. 06082H.02 –

RFP23-07

June 14, 2023



WildHeron Drilling



El Dorado Irrigation District
Silver Lake Campground Well Drilling
Project No. 06082H.02
RFP23-07

Submitted by:

WildHeron Drilling
6558 Lonetree Boulevard
Rocklin, CA 95765
(916) 625-3807

June 26, 2023





June 26, 2023

El Dorado Irrigation District
Attn: Ms. Madeline Kelsch, Project Manager
mkelsch@eid.org
404 Aviation Boulevard
Santa Rosa, CA 95403-9019

Re: Proposal Silver Lake Campground Well Drilling, Project No. 06082H.02 – RFP23-07

Dear Ms. Kelsch,

On behalf of WildRose Drilling, LLC dba WildHeron Drilling (“WHD”), a limited liability company, I am pleased to transmit the enclosed response (“Proposal”) to the above referenced Request for Proposal 23-07 (“RFP”) issued by El Dorado Irrigation District (“EID”) on June 14, 2023.

WHD fully understands the work to be performed under the RFP and is committed to performing the work as described in the enclosed Proposal. WHD is prepared to undertake and manage all tasks requested in the RFP. WHD takes no exception to the RFP requirements, statement of work, specifications and proposed contractual terms and conditions subject to final approval by EID and WHD including Addendum No. 1 which changed the deadline for completion of scope of work from September 15, 2023 to no later than October 20, 2023 (also included in Section 6 of this Proposal).

The following person(s) are authorized to represent WHD in all matters related to the subject RFP and associated Proposal:

Brad Heintz
President
6558 Lonetree Blvd.
Rocklin, CA 95765
Phone: (916) 625-3807
bheintz@wildherondrilling.com

Ray Zucker
Vice President
6558 Lonetree Blvd.
Rocklin, CA 95765
Phone: (916) 435-3555
rzucker@heronpacific.com

Thank you for the opportunity to respond to this RFP. We look forward to your response and please do not hesitate to contact me if you have any questions.

WildRose Drilling, LLC dba WildHeron Drilling

Brad Heintz

Brad Heintz, *President*
Phone: (916) 625-3807
bheintz@wildherondrilling.com

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Section 1 - Scope of Work

Insurance/Emergency and Safety Plans/Underground Service Alert

WHD will provide all necessary insurance, submittal of all Emergency and Safety Plans, and will request an Underground Service Alert for the project area prior to project mobilization.

Project Mobilization

WHD will obtain an Amador County Department of Health and Human Services, Environmental Health Division Well Drilling Permit. Contractor shall notify the Engineer a minimum of 24 hours in advance of the anticipated time of mobilization. The site will be secured from all unauthorized personnel, including provision of locking cap for the well structure when left unattended.

Conductor Casing and Sanitary Seal

Contractor shall drill a 12.75-inch diameter borehole to a depth of 80 feet below ground surface. The borehole shall be sufficiently plumb and with sufficient diameter for conductor casing installation. The conductor casing shall be 6.625-inch outside diameter with a minimum wall thickness of 0.250-inch. Three sets of centralizers will be used on the conductor casing.

The Contractor shall notify the Engineer a minimum of 24 hours in advance of the anticipated time of the seal placement and shall update the Engineer with any change in schedule, so the Engineer can be on site to inspect the seal placement inspection. Contractor shall also notify the Amador County Department of Health and Human Services, Environmental Health Division, as required in the well permit for the well sanitary seal. The sanitary seal shall be allowed to cure undisturbed for a minimum of 24 hours.

Borehole Drilling

The Contractor shall drill a 12.75-inch diameter borehole to a depth of 80 feet below ground surface. Using the direct air rotary method, Contractor shall drill a minimum 6-inch diameter borehole below the conductor casing from 80 feet to a depth of 800 feet below ground surface or until sustained airlifted flow of 60 gpm is encountered. The Contractor shall not drill below the specified depth. The Contractor shall collect formation samples every 10 feet. The samples shall be laid out in a regular pattern so the depth of each sample is clearly identifiable. The Contractor shall prepare a Drillers Log of the formation samples.

Well Casing and Well Screen

All well casing and well screen joint shall be equipped with an O-ring provided by the casing supplier as the exact fit for the joint to be assembled. After tightening by hand, Contractor will apply approximately 60-foot pounds of pressure with an approved strap type wrench. The well casing and screen assembly shall extend three feet above ground surface.



Airlift Well Development

All well development progress will be made during eight hours of developing production by airlifting, with the addition of dispersant chemical after approximately four hours of airlift pumping. Well development record keeping shall be recorded at least every 30 minutes: time, flow rate, and observations of unusual or changed conditions.

Test Pump Installation

Contractor shall use a submersible test pump capable of producing 60 gmp (150% of design capacity) from a depth of 400 feet below ground surface.

Temporary Discharge Piping and Water Storage

The Contractor shall install erosion control at specified discharge points and shall place the tank on the campsite road approximately 150 feet southwest of the well site. The Contractor shall receive approval by the Engineer and the District prior to commencing discharge of water to an alternative location for direct surface percolation.

Pump Development

Development pumping shall begin within five days after completing airlift development. As water is produced, it shall be discharged to land near the site for percolation as directed by the Engineer. As flow rate increases to a point where the soil will not absorb the quality of water produced, the water shall be pumped to the tank. Development records shall be maintained at a frequency of 30 minutes.

Well and Aquifer Testing

After at least 24 hours, but within 60 hours of completion of well development and test pump, the Contractor shall commence well production and aquifer tests. The Contractor shall schedule all tests a minimum of 24 hours in advance so the Engineer can be on site during each testing period. The discharge rate shall be controlled and maintained at the desired discharge rate for each test period.

The Contractor shall maintain detailed records during well and aquifer testing. Short-term tests shall consist of four consecutive tests that each include one hour of pumping followed by a half hour of recovery. Long-term tests duration shall be determined by the Engineer.

Well Disinfection

A tremie pipe shall be run to the full depth of the well and evenly placing diluted sodium hypochlorite in the well while raising the tremie pipe.

Wellhead Security, Site Clean-Up, and Records

Contractor shall provide a well cover that secures the wellhead. The well cover shall be adequate to prevent tampering or introduction of foreign materials, as well as to ensure the well is not a hazard. Contractor shall remove all materials relative to well construction activities, including waste materials and debris. Contractor shall secure wellhead to Engineer's specifications. Contractor shall provide the Engineer with complete records and as-built construction information for the project including well development and testing records.



Section 2 - Qualifications and Experience

WildRose Drilling, LLC, dba WildHeron Drilling (WHD) was formed based on an immediate demand for efficient water well drilling in Northern California. Our parent company, Heron Pacific, LLC dba Wildlands with over 30 years of experience in habitat management and mitigation, and with access to a myriad of local and regional agency resources, including the California Department of Fish and Wildlife, California Environmental Quality Act Office of Planning and Research, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, among others, formed WHD to meet the water resource needs of the area. Wildlands diverse portfolio includes over 30 million in revenue annually and has a well-established team of professionals imparting their expertise and experience to WHD.

With the combined experience of Wildlands and WHD, WHD has completed and provided services for clients throughout Northern California, ranging from domestic, commercial, municipal, and agricultural wells. Our more recent projects include domestic, irrigation, agricultural, commercial, and municipal wells. The table below displays the variety, contract value, and casing depth of completed projects, as well as upcoming and pending projects.

Projects in Progress			
Est. Duration	Project	Contract Amount	Casing & Depth
7/6/23-7/12/23	Domestic	\$ 38,295.00	5"/400'
7/6/23-7/12/23	Domestic	30,030.00	6"/300'
7/17/23-7/20/23	Domestic	51,070.00	6"/360'
7/24/23-7/30/23	Domestic	35,750.00	5"/360'

Project References			
Project Duration	Project	Contract Amount	Casing & Depth
5/30/23 – 6/28/23	Santa Maria Union High School District	519,690.00	12"/760'
5/8/23 – 5/12/23	Domestic	53,765.00	8"/300' & Zone Sampling
5/1/23 – 5/9/23	Placer County	92,353.00	6"/800'
4/24/23 – 4/28/23	NCPA	19,724.00	7.5 HP Install
1/3/23 – 1/12/23	Agriculture	118,110.00	12"/700'
7/19/22 – 7/29/22	Building Solutions & Drilling	85,917.00	12"/440'
7/27/22 – 7/29/22	Agriculture	58,107.00	10"/280'
6/23/22 – 6/29/22	Domestic	19,704.00	6"/140'
6/6/22 – 6/17/22	Agriculture	236,080.00	16"/700'



California State Board License # 1072636



Department of Industrial Relations Registration Number

Public Works Contractor Registration Certification

If any bid is due on or after March 1, 2015, then pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the Department of Industrial Relations.

Bidder hereby certifies that it is aware of the registration requirements set forth in Labor Code sections 1725.5 and 1771.1 and is currently registered as a contractor with the Department of Industrial Relations.

Name of Bidder: WildRose Drilling, LLC dba WildHeron Drilling
DIR Registration Number: 1000997226



Section 3 – Project Team

Brad Heintz <i>Project Manager</i>	<u>President, WildHeron Drilling</u> As project manager, Brad Heintz will be responsible for coordinating all aspects of project development, implementation, and regulatory compliance oversight.
Ray Zucker <i>Vice President of Operations</i>	<u>Vice President, WildHeron Drilling</u> Ray Zucker will serve as the point person for ensuring that all project-related paperwork is completed accurately and on time. He will provide guidance and support to the team as needed to ensure that all documentation is following relevant regulations and project guidelines
Natalie Furtado <i>Contracts Administrator</i>	<u>Contract Administrator, WildHeron Drilling</u> As Contract Administrator, Natalie Furtado will ensure contract deliverables comply with (Company) requirements.
Ruben Acosta <i>Head Driller & Project Manager</i>	<u>Director of Drilling Operations, WildHeron Drilling</u> As Director of Drilling and Head Driller on this project, Ruben Acosta will be the main point of contact during the well construction phase. Ruben will oversee the management of jobsite logistics and will assist in the well design and permitting process.
Bryan Salas <i>Head Driller of 2nd Shift</i>	<u>Tool Pusher/Driller, WildHeron Drilling</u> Bryan Salas will be responsible for managing the 2 nd shift, ensuring they stay on schedule and have all the appropriate materials needed to complete the project.
Keith Brown <i>Lead Pump Technician</i>	<u>Lead Pump Technician, WildHeron Drilling</u> As Lead Pump Technician, Keith Brown will be responsible for installing and ensuring the pump and pump systems are working to their peak capacities.



WildRose Drilling dba WildHeron Drilling Organizational Chart

Executive Team	Administrative Team	Drilling Team	Pump/Service Team
<ul style="list-style-type: none">▪ Mark Heintz <i>Owner</i>	<ul style="list-style-type: none">▪ Natalie Furtado <i>Contract Administrator</i>	<ul style="list-style-type: none">▪ Ruben Acosta <i>Director of Drilling Operations</i>	<ul style="list-style-type: none">▪ Keith Brown <i>Lead Pump Technician</i>
<ul style="list-style-type: none">▪ Brad Heintz <i>President</i>	<ul style="list-style-type: none">▪ Hannah VanHook <i>Administrative Assistant</i>	<ul style="list-style-type: none">▪ Bryan Salas <i>Driller Tool Pusher</i>	<ul style="list-style-type: none">▪ Jonathan Seefeldt <i>Assistant Pump Technician</i>
<ul style="list-style-type: none">▪ Ray Zucker <i>Vice President</i>		<ul style="list-style-type: none">▪ Esteban Farias <i>Driller</i>	
<ul style="list-style-type: none">▪ Karen Mayfield <i>Chief Financial Officer</i>		<ul style="list-style-type: none">▪ Jesus Piz <i>Drilling Hand</i>	
<ul style="list-style-type: none">▪ Sherrie Aland <i>General Counsel</i>		<ul style="list-style-type: none">▪ Justin Rodriguez <i>Drilling Hand</i>	
<ul style="list-style-type: none">▪ Cindy Tambini <i>Vice President of Planning</i>		<ul style="list-style-type: none">▪ Robert Preston <i>Drilling Support</i>	
<ul style="list-style-type: none">▪ Jeff Novak <i>Director of Design Build</i>			
<ul style="list-style-type: none">▪ Neil Dhawan <i>GIS Manager</i>			



Brad Heintz, President

Brad Heintz, a native of Canada, brings over twenty-four years of experience in the water well and oilfield drilling industry to WHD. With more than 50,000 hours managing, supervising, and leading crews, he is a proven leader in the industry. As the President of WHD, Brad oversees all aspects of the drilling process, from managing safety and production to interacting with contractors, homeowners, and project coordinators. He is responsible for ensuring efficient jobsite logistics, including site selection, drilling, construction, development, pump installation, and close-out. Brad is also in charge of equipment purchasing and maintenance, ensuring that our team has the tools and resources they need to deliver exceptional results.

RELEVANT PROJECT EXPERIENCE

- Manage and coordinate all aspects of drilling and well construction projects from start to finish, ensuring efficient and timely completion within designated budget and schedule
- Collaborate closely with clients to provide advice and recommendations on well design, pump options, and other construction aspects
- Oversee drilling crews and monitor project progress closely, effectively addressing any unforeseen issues on-site with problem-solving skills to ensure project timelines are met
- Procure all necessary materials and supplies to meet the highest quality standards and client specifications
- Conduct necessary inspections and tests to guarantee the quality of work performed
- Act as the primary point of contact for clients during well construction, maintaining clear and effective communication to keep them informed of project status and any changes
- Complete final project reports and submit them to appropriate agencies, accurately reflecting all details of project completion

EDUCATION AND MEMBERSHIPS

CPR Certified
OSHA 30 & 10 Certified
Member of National Groundwater Association
Member of California Groundwater Association



Ray Zucker, Vice President

With over two decades of experience in general construction, Ray Zucker serves as the Vice President of Strategic and Growth Development at WHD. He works with managers, directors, and other senior management to facilitate growth, meet financial targets, and ensure high performance standards. Ray is a seasoned leader and proven manager with significant experience in business growth. His expertise lies in strategic planning, team development, budgeting, and resource management. Ray also holds the Vice President position at two related companies, collectively generating 35 million in revenue annually.

RELEVANT PROJECT ROLE & RESPONSIBILITIES

- Participates in the estimating of large projects
- Analyzes projects to determine scope, schedule, and coordinates engineering, purchasing and installation to effectively bring projects within budget and on schedule
- Reviews and executes customer contracts
- Performs weekly reviews and risk analysis' on job costs and reviews cash flow reports
- Analyses accounts receivable to ensure timely payments in accordance with contract terms
- Reviews and executes agreements with subcontractors and vendors to ensures all terms and conditions are included or negotiated
- Evaluates billings to make sure project cash flow stays positive
- Analyses submittals on large projects to make sure all risk items are addressed
- Reviews all major change orders with managers to minimize pricing and scheduling risk
- Ensures quality, customer satisfaction, timeliness, and cost controls on all projects
- Responsible for leading all efforts in conflict resolution
- Provides the resources and time necessary to enforce safety protocols on all projects

EDUCATION AND MEMBERSHIPS

Member of National Groundwater Association
Member of California Groundwater Association
MS, Management – New England College, Henniker, NH
BA, Organizational Leadership - Chapman University, Orange, CA



Natalie Furtado, Contract Administrator

With over six years of experience in operations, project management, and contract administration, including three years in the construction industry, Natalie Furtado plays a key role at WHD. As contract administrator, she oversees the drafting and execution of all contracts and related documentation, as well as managing administrative operations, customer correspondence, and project billing and payment collection. Natalie works closely with both external contacts and the internal team to ensure that all customer and company needs and expectations are met with the highest standards of professionalism and integrity.

RELEVANT PROJECT EXPERIENCE

- Manages customer accounts, ensures accurate processing of payments, and maintain positive communication with clients
- Facilitates the filing of liens for customers who fail to pay for services rendered, ensuring that all liens are filed accurately and in a timely manner
- Work closely with legal and administrative staff to oversee the lien removal process once payment has been received
- Drafts contracts, manages customer correspondence, invoices for services provided, and collects payments on behalf of the company
- Acts as the primary point of contact between clients and Rural Community Assistance Corporation (RCAC), securing funding options for client's post-construction
- Ensures that all necessary documentation and insurance are obtained and kept up to date to facilitate a smooth bidding process

EDUCATION AND MEMBERSHIPS

B.S. Educational Studies

CPR Certified

OSHA 10

Member of National Groundwater Association

Member of California Groundwater Association

Member of The Safety & Health Council for the Associated General Contractors



Ruben Acosta, Director of Drilling

Ruben Acosta has a wealth of experience in the drilling industry, with over thirteen years of experience managing drilling operations for well-established companies such as North State Drilling and HD Drilling in Winnemucca, NV. His experience includes managing, rehabilitating, and drilling large bore deep municipal and agricultural wells, as well as small diameter test wells for water zone sampling. At WHD, Ruben Acosta is responsible for a range of management duties, including instruction, supervision, safety, production, and coordination. He coordinates with inspectors, contractors, and homeowners to ensure successful project outcomes. Ruben also manages jobsite logistics such as site selection, drilling, construction, and development. Additionally, he is responsible for drafting site plans, well design, and permitting, as well as material management, equipment maintenance, and vendor relations. His expertise and attention to detail ensure that WHD's projects are executed efficiently and effectively.

RELEVANT PROJECT EXPERIENCE

- Directs drilling operations and assumes overall responsibility for completion of well projects
- Coordinates and schedules drilling crew shifts, procures necessary materials, and oversees construction to ensure adherence to regulations and guidelines
- Trains and guides crew members to operate drilling equipment while working safely and effectively within project schedules
- Coordinates with all subcontractors and vendors
- Provides troubleshooting expertise to ensure timely and efficient project completion
- Maintains communication and addresses client needs throughout the construction process
- Accountable for ensuring high-quality standards and timely completion of all projects

CERTIFICATIONS AND MEMBERSHIPS

Beroid Mud School Certification
OSHA 30 & 10 Certified
California Class A Commercial Driver License
CPR Certified
Member of National Groundwater Association
Member of California Groundwater Association



Bryan Salas, Tool Pusher/ Driller

Bryan Salas has over twelve years of experience in the drilling industry, serving as a tool pusher, driller, safety coordinator, and supervisor. His expertise includes managing, rehabilitating, and drilling large bore deep municipal and agricultural wells, as well as small diameter test wells for water zone sampling, ranging from 100' to 2500' in depth. Additionally, he has a wealth of experience in mild steel and stainless-steel pipe welding. At WHD, Bryan Salas manages a variety of critical responsibilities, including record keeping for all daily drilling operations, interacting with inspectors, contractors, and homeowners, and the management of jobsite logistics for drilling and construction. He also oversees equipment maintenance to ensure that WHD's equipment is in excellent condition for each project.

RELEVANT PROJECT EXPERIENCE

- Manages the drilling crew and entire drilling operation and drilling crew for completion of domestic, agricultural, and municipal well construction projects
- Procures high-quality materials and equipment and ensures availability of resources
- Monitors project progress and promptly addresses issues to keep the project on track
- Communicates with the client and makes necessary adjustments to meet their requirements and specifications
- Leads the 2nd shift as Head Driller and prepares the 1st shift for maximum productivity by ensuring they have all necessary equipment and tools
- Coordinates and manages the drilling crew to complete tasks efficiently and effectively while adhering to strict safety protocols
- Quickly identifies and solves issues that arise during the construction process using problem-solving skills
- Ensures that all tasks are completed efficiently and effectively
- Commits to meeting the client's specifications and keeping the project on track and within budget

CERTIFICATIONS AND MEMBERSHIPS

California Class A Commercial Driver License
CPR and AED Certified (exp. 01/24)
Mobile Equipment Operation Certification (exp. 10/23)
OSHA 30



Keith Brown, Lead Pump Technician

Keith Brown has amassed over thirty years of experience in the drilling industry, primarily as a pump technician, supervisor, and shop manager. He has gained extensive knowledge in the areas of pump installation, design, and servicing, as well as inspection, cleaning, and rehabilitation, plumbing and electrical hookups, and pump equipment maintenance and fabrication. As part of the WHD team, Keith Brown holds a crucial role in ensuring daily pump operations, overseeing record keeping, and liaising with inspectors, contractors, and property owners. He is also responsible for managing jobsite logistics related to the construction and completion of pump systems. As the Pump Equipment Maintenance Manager at WHD, Keith Brown is responsible for ensuring that all company equipment is regularly serviced and maintained in optimal condition to meet the requirements of each project.

RELEVANT PROJECT EXPERIENCE

- Designs pump systems to meet client's specifications and desired gallons per minute
- Identify and source appropriate pumps and all necessary materials for client's specifications
- Installation of full pump system including topside completion, construction of a concrete pad, trenching, conduit installation, and the electrical and plumbing hook ups.
- Ensures pump systems function efficiently through regular testing and adjustments
- Conducts thorough tests and inspections to guarantee optimal performance of the pump system
- Conducts comprehensive testing of overall well and pump performance of established wells
- Conducts all water testing and well disinfections
- As Lead Pump Technician within the Service Department, responsibilities include troubleshooting, diagnosing, repairing, and maintaining pumps.

CERTIFICATIONS AND MEMBERSHIPS

B.S. Hydrology, California State University Chico
CARB's Heavy-Duty Inspection & Maintenance Tester Training Course (exp. 2025)
Drillers Certification
California Class A Commercial Driver License
CPR and AED Certified
OSHA 30



Section 4 - Quality Assurance and Control

WildHeron Drilling (WHD or the Company) recognizes that high levels of quality are essential to achieving Company business objectives as well as providing a standard of excellence in deliverability. WHD believes that high quality is not only an added value, but a basic requirement. This quality is not only related to well drilling and development services, but also as it relates to the way the Company employees do their job and the work processes they follow to produce the level excellence WHD provides its customers. WHD strives for efficient processes and is continually reviewing its methods to improve employee development, Company goals, and customer satisfaction. Company employees are the most important resource for improving quality, as such, each employee is responsible for ensuring their work processes are efficient and continually improving.

Management provides training and an environment to foster teamwork within all levels of Company employment, from project coordination, purchasing, implementation, compliance, construction, and accounting.

Company management is actively involved in the establishment, management and monitoring of quality systems in defining and documenting quality policy and objectives, ensuring appropriate processes, safety precautions, and employee well-being are maintained in the satisfaction of customer needs and expectations, as well as in conducting scheduled management reviews of the quality systems to assess their continued suitability, adequacy, effectiveness and efficiency.

WHD has a history of delivering quality and timely products. In provision of these products the Company represents and warrants that its employees and contract personnel will comply with all federal, state, and local laws requiring drivers and other licenses, business permits, and certificates required to carry out the services.

If a conflict arises, the Company agrees to try to resolve any potential conflict based on the terms specified in the contract. The Company does not foresee any potential professional conflicts which could hinder the provision of any requested services. If any conflict arises that would delay or hinder deliverability, the Company will communicate these conflicts or changes verbally and in writing.



Section 5 - Client References

Peter Bollinger, Owner and President

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Dharm Singh, Owner

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Email: ds@dharmsingh.com

Louis Lee, Project Manager

Los Molinos, California

Phone: (530) 966-3316

Email: louis@bcmconstruction.com



Section 6 – Certificate of Insurance

		CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 6/5/2023		
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.						
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).						
PRODUCER HUB International Insurance Services Inc. PO Box 255387 Sacramento CA 95865 License#: 0757776 HEROPAC-02			CONTACT NAME: Taylor Green PHONE (A/C, No, Ext): 916-480-4156 FAX (A/C, No): 916-993-7256 E-MAIL: taylor.green@hubinternational.com			
INSURED Heron Pacific, LLC dba Wildlands dba Heron Pacific Fencing, WildRose Drilling, LLC dba WildHeron Drilling 6558 Lonetree Blvd. Rocklin CA 95765			INSURER(S) AFFORDING COVERAGE NAIC# INSURER A : National Union Fire Insurance Company of Pittsburgh 19445 INSURER B : Hamilton Insurance Designated Activity Company 13700 INSURER C : Colony Insurance Company 39993 INSURER D : INSURER E : INSURER F :			
COVERAGES		CERTIFICATE NUMBER: 495270224		REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR LTR	TYPE OF INSURANCE	ADDL. SUBR INSD. WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		GL 3961053	6/1/2023	6/1/2024	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COM/OP AGG \$ 4,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		AL 7107730	6/1/2023	6/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED. RETENTION \$		ENVXSS337351	6/1/2023	6/1/2024	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	WC 011967676	6/1/2023	6/1/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Excess Liability - 2nd Layer		EXO 4282226	6/1/2023	6/1/2024	Each Occurrence \$5,000,000 Aggregate \$5,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) RE: Evidence of Insurance						
CERTIFICATE HOLDER			CANCELLATION			
PROOF OF INSURANCE			SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.			
			AUTHORIZED REPRESENTATIVE 			

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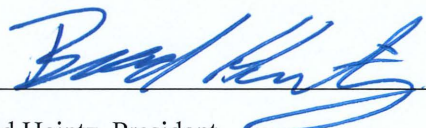
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Section 7 - Addenda

Wildheron Drilling acknowledges clarification provided in Addendum No. to RFP23-07 for the El Dorado Irrigation District Silver Lake Well Drilling Project No. 06082H.02. Under Item 1 – the project timeline is extended and Exhibit A, Scope of Work, Project Summary Paragraph 2 changed to:

Contractor must complete the scope of work no later than October 20, 2023. The well must be capable of meeting a design capacity of 40 gallons per minute. The location of the proposed well is provided in Exhibit C. A detailed description of all items included in the scope of work and specifications for each item are included in Exhibit B. Itemized tasks to be used preparing cost estimates are show in the Tables below for Options A and B. All items, including lump sums, unit prices and alternates, must be filled in completely.



Brad Heintz, President

June 27/2023
Date



Cost Proposal Itemized Tasks - Option B

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
1.	Mobilization & Well Permit	1	Lump Sum	\$ 12,709.00	\$ 12,709.00
2.	Conductor Casing Borehole: 12.75-Inch	80	Linear Feet	\$ 21.30	\$ 1,704.00
3.	6.625-Inch- Steel Conductor Casing & Sanitary Seal	80	Linear Feet	\$ 43.75	\$ 3,500.00
4.	Borehole Drilling: Minimum Diameter 6-Inch	720	Linear Feet	\$ 110.00	\$ 79,200.00
5.	Blank SS Well Casing: 4- Inch Sch. 40 (If required)	20	Linear Feet	\$ 40.05	\$ 801.00
6.	Blank PVC Well Casing: 4- Inch Sch. 40 (If required)	380	Linear Feet	\$ 6.50	\$ 2,470.00
7.	Slotted PVC Well Screen: 4- Inch Sch. 40 PVC (If required)	400	Linear Feet	\$ 7.65	\$ 3,060.00
8.	Well Development – Airlift and Pumping	24	Hours	\$ 455.00	\$ 10,920.00
9.	Temporary Pump Installation	400	Linear Feet	\$ 6.25	\$ 2,500.00
10.	Well and Aquifer Testing	100	Hours	\$ 455.00	\$ 45,500.00
11.	Water Quality Analysis Complete Title 22 Suite	1	Lump Sum	\$ 1,500.00	\$ 1,500.00
12.	Well Disinfection	1	Lump Sum	\$ 2,975.00	\$ 2,975.00
13.	Wellhead Security, Site Cleanup & Records	1	Lump Sum	\$ 5,550.00	\$ 5,550.00
14.	Standby Time	12	Hours	\$ 455.00	\$ 5,460.00
				TOTAL PRICE	\$ 177,849.00

Total Price for Potion B: One Hundred Seventy Seven Thousand Eight Hundred Forty Nine Dollars
 (Words)



2023

CAPITAL IMPROVEMENT PLAN Program:

FERC

Project Number: 06082H
Project Name: FERC: C50.1 Silver Lake Campground East Re-Construction
Project Category: Regulatory Requirements
Priority: 1 **PM:** Delongchamp **Board Approval:** 11/14/22

Project Description:

Required by the License Settlement Agreement and the USFS 4(e) Conditions, the District must reconstruct the paved surfaces, toilets, and water system at the 62-unit USFS Silver Lake Campground, including upgrade of this facility to meet the current FS design standards and the USDA Forest Service Region 5 accessibility standards requirements of the Architectural Barriers Act (ABA). Campground improvements were completed in 2020, with the exception of the installation of a water line from the water source to the campground. The Project involves replacing the existing spring-fed water source located over a mile away from the campground with an existing groundwater well located in proximity to the campground. This groundwater well was previously used to supply water to the Kay's Silver Lake Resort (now the Silver Lake Boat Launch) and provides a more reliable source of water to serve both the Silver Lake East and Silver Lake West campgrounds. The Project will recommission the well and install a new water line to serve both Silver Lake East and Silver Lake West campgrounds. This portion of the project is in design review and is anticipated to be presented to the Board for award in spring 2022. The District received a one-year time extension from FERC and the new completion date for the installation of the water system is October 18, 2022.

Basis for Priority:

This project is required to comply with the FERC License Condition No. 50.1 and USFS 4(e) Condition requirements. The District completed the campground work in 2020. The District is requested and received a time extension from FERC to complete the Water System Work in 2022.

Project Financial Summary:			
Funded to Date:	\$ 2,919,282	Expenditures through end of year:	\$ 2,867,905
Spent to Date:	\$ 2,667,905	2023 - 2027 Planned Expenditures:	\$ 1,000,000
Cash flow through end of year:	\$ 200,000	Total Project Estimate:	\$ 3,867,905
Project Balance	\$ 51,377	Additional Funding Required	\$ 948,623

Description of Work	Estimated Annual Expenditures					Total
	2023	2024	2025	2026	2027	
Construction (Water System)	\$ 1,000,000					\$ 1,000,000
TOTAL	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Estimated Funding Sources	Percentage	2023	Amount
Water FCCs	100%		\$948,623
			\$0
Total	100%		\$948,623

Funding Comments:

Addendum to the
Mitigated Negative Declaration for the
**Caples Lake and Silver Lake East
Campground Improvements Project**

Prepared for:

El Dorado Irrigation District



June 2023

State Clearinghouse No.
2019069119

Prepared by:



Addendum to the Mitigated Negative Declaration

Caples Lake and Silver East Campground Improvements Project

State Clearinghouse No. 2019069119

Prepared for:

El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA 95667

Contact:

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(530) 642-4187

Prepared by:

GEI Consultants, Inc.
2868 Prospect Park Drive, Suite 400
Sacramento, CA 95670

Contact:

Ryan Jolley
Senior Project Director
(916) 596-0790

June 1, 2023

Project No. 2301741

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Abbreviations and Acronyms

CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CRHR	California Register of Historic Places
Cultural Resources Addendum	Cultural Resources Addendum for the Silver Lake East Campground Improvements
cy	cubic yards
EID	El Dorado Irrigation District
EIR	Environmental Impact Report
GHG	greenhouse gases
gpm	Gallon per minute
HWY 88	Highway 88
IS/MND	Initial Study/Proposed Mitigated Negative Declaration
MND	Mitigated Negative Declaration
MMRP	Mitigation Monitoring and Reporting Program
ND	Negative Declaration
NRHP	National Register of Historic Places
No.	Number
NO _x	nitrous oxides
PM _{2.5}	particulate matter with aerodynamic diameter less than 2.5 micrometers
PM ₁₀	particulate matter with aerodynamic diameter less than 10 micrometers
Project or proposed project	Caples Lake and Silver Lake East Campground Improvements Project
ROG	reactive organic gases
SAFCA	Sacramento Area Flood Control Agency

1. Introduction

1.1 Background

The El Dorado Irrigation District (EID), as lead agency under the California Environmental Quality Act (CEQA)¹, distributed the Initial Study/Proposed Mitigated Negative Declaration (IS/MND) for the Caples Lake and Silver Lake East Campground Improvements Project (proposed project or project)² on June 28, 2019 for a 30-day public review period. The State Clearinghouse No. is 2019069119. EID adopted the Mitigated Negative Declaration (MND) and Mitigation Monitoring and Reporting Program (MMRP) and approved the Project at its Board of Directors' meeting held on August 12, 2019. A copy of the IS/MND and the MMRP are available for review at EID's offices at 2890 Mosquito Road Placerville, CA 95667, and online at the Governor's Office of Planning and Research Website: <https://ceqanet.opr.ca.gov/2019069119/2>

The proposed project analyzed in the MND included restoration and improvements to an existing groundwater well located outside the Silver Lake East Campground on property owned by EID. After further investigation, it was determined that restoring this well was not feasible. EID, in coordination with the U.S. Forest Service, identified a new well location within the Silver Lake East Campground.

This Addendum to the MND consists of minor technical changes or additions to the proposed project (hereafter referred to as the proposed project refinements or project refinements) for drilling and developing a new well, construction of a previously proposed utility building at a new location, installing the previously identified solar array at a newly proposed location, installation of a casing and waterline under Highway 88 (HWY 88) to extend from the existing Silver Lake West Campground system to the existing Silver Lake East Campground system, installing a new water line and electrical conduit between the new well location and the utility building, and connecting the new waterline from the new facilities to the existing campground water distribution system.

CEQA Guidelines Section 15164(b) states that an addendum to an adopted negative declaration may be prepared if only minor technical changes or additions are necessary and none of the conditions described in Section 15162(a) have occurred. EID has determined that the proposed changes to the project (described in Section 2, "Project Refinements") constitute minor technical changes or additions, and none of the conditions described in CEQA Guidelines Section 15162 (see Section 1.2, "Regulatory Context") requiring preparation of a subsequent environmental impact report (EIR) or negative

¹ CEQA is found at California Public Resources Code, Sections 21000 et seq., and the State CEQA Guidelines are found at California Code of Regulations, Title 14, Section 15000 et seq.

² El Dorado Irrigation District. 2019 (August). *Initial Study/Proposed Mitigated Negative Declaration for the Caples Lake and Silver Lake East Campground Improvements Project* State Clearinghouse No. 2019069119. Available: https://files.ceqanet.opr.ca.gov/252724-2/attachment/7qoBBHPJRYiVD9MiIldFMzI0wnooJXYWfgOjz0foG2z35Ii_eFsFzw_aUZGZYhfu4II6tLJrSsk064Zv0 Accessed April 27, 2023

declaration have occurred. Therefore, EID has prepared this Addendum to the project MND in accordance with CEQA Guidelines Section 15164.

1.2 Regulatory Context

As described in State CEQA Guidelines Section 15162(a), when an EIR has been certified or an ND or MND has been adopted for a project, no subsequent EIR or subsequent ND or MND shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in the light of the whole record, one or more of the following:

- 1) Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
- 2) Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
- 3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the negative declaration was adopted, shows any of the following:
 - a) The project will have one or more significant effects not discussed in the previous EIR or negative declaration;
 - b) Significant effects previously examined will be substantially more severe than shown in the previous EIR;
 - c) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
 - d) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

Section 15164(b) of the State CEQA Guidelines states that a lead agency may prepare an addendum to an adopted ND or MND if only minor technical changes or additions are necessary or none of the conditions described above in Section 15162 calling for the preparation of a subsequent EIR or subsequent ND or MND have occurred.

The analysis in Section 3, “Environmental Analysis,” below, demonstrates based on substantial evidence that the proposed refinements to the project:

- would not result in any new significant environmental effects, and
- would not substantially increase the severity of previously identified significant effects.

In addition, no new information of substantial importance has become available which shows that:

- the project would have new significant effects,
- the project would have substantially more severe significant effects,
- mitigation measures previously found to be infeasible would in fact be feasible and would substantially reduce one or more significant effects on the environment, or
- mitigation measures that are considerably different from those analyzed in the IS/MND would substantially reduce one or more significant effects on the environment.

Because none of the conditions described in Section 15162(a) or (b) of the State CEQA Guidelines calling for preparation of a subsequent EIR or subsequent MND have occurred, consistent with Section 15164 of the State CEQA Guidelines an addendum to the MND is the appropriate CEQA document to evaluate the proposed refinements to the project.

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2. Project Refinements

EID is proposing construction of a new well and associated appurtenances to replace the existing spring feed water supply system with a more reliable and safe water supply system. Project activities include:

- 1) drilling and developing a new well,
- 2) construction of a new utility building previously analyzed in the IS/MND at a new location,
- 3) installation of the solar array previously analyzed in the IS/MND at a new location,
- 4) installation of a casing and waterline under HWY 88 to extend from the existing Silver Lake West Campground system to the existing Silver Lake East Campground system,
- 5) installation of a new water line and electrical conduit between the new well location and the utility building, and
- 6) connecting the new waterline from the new facilities to the existing campground water distribution system.

Construction of the project refinements would require removing approximately 21 trees (see **Figure 2-1**). Some of the project refinement activities may occur concurrently. EID will notify and coordinate work activities with the U.S. Forest Service. Standard construction equipment would be used and is identified for each project refinement in **Table 2-1**.

2.1 Well Drilling and Development

The well would be located at the northeastern side of the Silver Lake East Campground, approximately 320 feet from the campground access road near Campsites 57 and 58 (**Figure 2-1**). Construction of the well is anticipated to take 5 weeks and include the following phases: well drilling, water quality sampling, well development, well head development, and disinfection. The well would have a pumping capacity of 3 to 5 gallons-per-minute (gpm).

Well drilling would be performed with a standard construction equipment, as identified in **Table 2-1**, and drill cuttings would be disbursed on-site. Once drilling is complete, the well would be pumped, purged, and sampled for water quality testing. Water pumped from the well would be collected in a water truck and utilized for on-site dust control. EID would start the application for a State water supply facility certification after receipt of the water quality results. The development of the well includes the installation of the well casing and additional water quality testing as required. The well head would consist of a submersible pump, sanitary seal, and pump cover. After construction, the well and associated piping would be disinfected utilizing standardized chlorine disinfection protocol. The chlorinated water would be collected, de-chlorinated, and utilized for on-site dust control.

2.2 Construction of Utility Building

A new 20-foot by 20-foot utility building would be construction adjacent to the existing campground water tank to house the new 3,000-gallon water tank, associated piping, and disinfection equipment. Batteries and electrical equipment would be housed within the utility building. Building colors and materials would follow the U.S. Forest Service standards. Construction is anticipated to take approximately 7 weeks.

2.3 Solar Array

The new location of the solar array is adjacent to the well head. The solar array includes the installation of two 36-inch diameter concrete foundations, four solar panels, and associated panel supports. New electrical conduits would be installed to facilitate electrical connection from the solar array to the utility building. Construction of a 7-foot-tall chain link fence topped with 3 strand barbed wire around the solar array and well site will help protect from vandalism and damage to these new features. Construction is anticipated to take approximately 2.5 weeks.

2.4 Installation of Waterlines and Electrical Conduits

A new 6-inch casing would be constructed under HWY 88 using a horizontal directional drill rig. Drilling would be conducted by excavating 2- by 2-foot pits on both sides of HWY 88, a minimum 10 feet from the edge of pavement. The contractor would then install pre-cast vaults approximately 6 inches below the new casing. A 2-inch diameter waterline would be installed inside the casing to connect the existing Silver Lake West Campground on the west side of HWY 88 to the Silver Lake East Campground on the east side of HWY 88. This new water line would replace an existing connection between the two campgrounds via a new tie-in. Prior to establishing the new tie-in connection, a generator would be used to pressurize the system for testing and disinfection.

Installation of a second 2-inch water line and electrical conduit would occur at the existing access road located between the new well location and the utility building (see **Figure 2-1**), which would require trenching approximately 500 linear feet between the utility building and well site. The material from the trenching activities would be transferred to a dump truck and hauled off-site for disposal. The trench would be backfilled with aggregate base. A generator located at the well head would be used to power the well pump for pressure testing and disinfection. The chlorinated water will be collected, de-chlorinated, and utilized for on-site dust control. The 2-inch waterline would connect to the new well and storage tank. Lastly, installation of a third 2-inch waterline would be required to connect the new storage tank to the existing distribution system located adjacent to campsite 33. Construction of all waterlines and electrical conduit is anticipated to take approximately 9 weeks.

2.5 Demolition and Removal of Existing Water Tank

EID proposed to demolish and remove the existing 10,000-gallon concrete cylindrical water storage tank which is located adjacent to the new utility building location. (**Figure 2-1**). The water storage tank is approximately 9 feet high and 14 feet in diameter and includes a steel metal pipe extends from the top of the tank and into the ground, a small square entrance with a sheet of metal as a covering, and a set of built-in steel ladder steps at the top of the water storage tank. Demolition and removal are anticipated to take approximately 2 weeks.

2.6 Construction Equipment

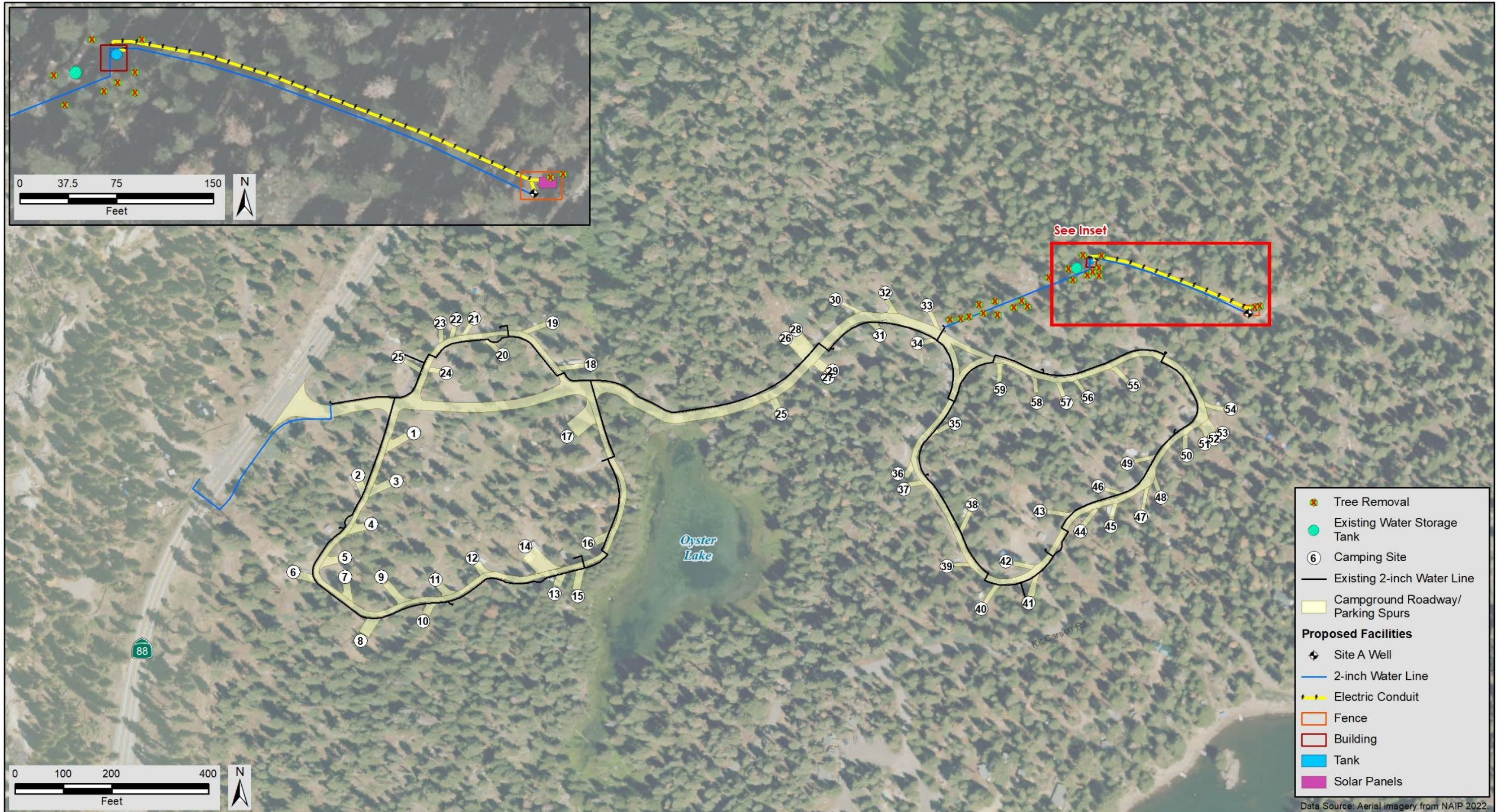
A list of construction equipment needed to complete the project refinements is shown in **Table 2-1**.

Table 2-1. Construction Equipment Used

Construction Activity	Equipment Type	Number of Units
Well Drilling and Development	Drill rig	1
	Temporary pump with generator	1
	Small excavator/backhoe	1
	Dump truck	1
	Water truck	1
	Concrete truck	1
Construction of Utility Building	Excavator/backhoe	1
	Front loader	1
	Dump truck	1
	Concrete truck	1
Installation of Solar Array	Small excavator/backhoe	1
	Concrete truck	1
	Dump truck	1
Installation of Waterlines and Electrical Conduits	Horizontal direction drill rig	1
	Small excavator/backhoe/trencher	1
	Dump truck	1
	Generator	1
	Front loader	1
Demolition and Removal of Existing Water Tank	Excavator	1
	Dump truck	1
	Front loader	1

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Figure 2-1. Project Refinements Overview



31-May-2023 Z:\Projects\2202264_EID_PipelineROW\G012_SilverLake_CampgroundImprovements.mxd RS

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3. Environmental Analysis

This section contains the analysis of potential environmental effects of the proposed project refinements, based on substantial evidence, required to determine whether: (1) the necessary minor technical changes or additions described in the previous section and the resulting environmental impacts described below meet any of the criteria in CEQA Guidelines Section 15162(a) for preparing a subsequent EIR or negative declaration (or MND), (2) the minor technical changes or additions to the project meet the requirements of CEQA Guidelines Section 15164 for preparing an addendum to the adopted MND, and (3) the analysis in the adopted MND and this Addendum contain substantial evidence supporting EID's decision to prepare this Addendum.

The proposed project refinements would not cause any new significant impacts or a substantial increase in the severity of significant effects previously identified in the IS/MND for the topic areas listed below because the types of activities associated with the proposed refinements would already occur under the approved project, were analyzed in the IS/MND, and would not be affected to any greater degree than that analyzed in the IS/MND:

- Energy
- Hazards and Hazardous Materials
- Land Use and Planning
- Mineral Resources
- Population, Housing, and Employment
- Public Services
- Recreation
- Transportation and Traffic
- Tribal Cultural Resources
- Utilities and Service Systems
- Wildfire

The following topic areas may be affected by the proposed project refinements and are analyzed below:

- Aesthetics
- Agricultural and Forestry
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hydrology and Water Quality
- Noise

3.1 Aesthetics

The project refinements would involve constructing two new above-ground features and well infrastructure. Additionally, the previously analyzed solar array and small utility building would be constructed in new locations and the existing concrete water storage tank would be demolished and removed (see Figure 2-1). Construction of the project refinements would require short-term and temporary use of construction equipment. Construction of new above-ground features as well as demolition of the existing water tank would result in a permanent change to the landscape. Tree removal is required to construct the water line to the northeast of Silver Lake East Campground, as shown on Figure 2-1. This tree removal would not be visible from HWY 88, a State scenic highway.

The project refinement locations have the same visual character as the rest of the Silver Lake East Campground Improvements area that was evaluated in the IS/MND. The project refinements would be located near existing campsites but surrounding dense vegetation provides a barrier between the campsites and these features. Additionally, new features would generally be consistent with the look and types of materials that are currently visible at the campgrounds. The project refinements would not obstruct views of the nearby Oyster Lake. After construction of the project refinements, trees, rocks, and other scenic resources would continue to dominate the user's experience and the existing visual character at the campgrounds would be maintained. Impacts associated with State scenic HWY 88 would not change from what was evaluated in the IS/MND. The impacts of the project refinements would be equivalent to the impacts evaluated in the IS/MND. This impact would be less than significant.

3.2 Agriculture and Forestry

The project refinement areas are zoned as Open Space and contain forestland. Tree removal would occur to help facilitate construction of the new water line to the northwest of Silver Lake East Campground, as shown in Figure 2-1; however, this impact would be similar to what was evaluated in the IS/MND. Therefore, the project as refined would result in a less-than-significant impact related to agricultural and forestry because it would not result in a conflict with existing zoning, cause rezoning, or result in a substantial loss of forestland. Therefore, this impact would remain less than significant.

3.3 Air Quality

The project refinements would result in additional, new emissions of criteria air pollutants from worker vehicle trips, hauling, and use of construction equipment for demolition, excavation, grading, and other activities. Particulate matter emissions would also be generated from ground disturbance and hauling along unpaved segments of hauling routes. However, most of the haul route is paved with only the areas around the well site, utility building, and solar array being unpaved.

Emissions would be generated within Amador County and El Dorado County, which are within the Mountain Counties Air Basin. The Amador County Air District attains and maintains air quality conditions in Amador County and the El Dorado County Air Quality Management District (AQMD) attains and maintains air quality conditions in El Dorado County. The El Dorado AQMD and Amador Air District have identified CEQA thresholds of significance for certain criteria air pollutants to assist lead agencies in determining air quality impacts for projects located in El Dorado County and Amador County respectively, as shown in Table 2-1. Emissions would be generated in El Dorado County AQMD from haul trips and construction worker trips, and emissions would be generated in Amador County Air District from vehicle engine exhaust from heavy-duty construction equipment, ground disturbing activities, haul trips, and construction worker trips.

ground-disturbing activities

Table 2-1. Air Quality Thresholds of Significance

Air District	Emissions Type	ROG	NO _x	PM ₁₀
El Dorado County AQMD	Construction (short-term)	82 pounds per day	82 pounds per day	-
Amador County Air District	Construction (short-term)	100 tons per year	100 tons per year	70 tons per year

Notes: O₃ = oxides, ROG = reactive organic gases, NO_x = nitrogen oxides, CO = carbon monoxide, PM₁₀ = particulate matter less than 10 microns in diameter, PM_{2.5} = particulate matter less than 2.5 microns in diameter. PM₁₀ standards are provided. All three counties do not have thresholds for PM_{2.5}.

Source: El Dorado County Air Quality Management District 2002, Great Basin Unified Air Pollution Control District 2016; Amador Air District 2001

Project activities evaluated in the IS/MND within the Mountain Counties Air Basin included improvements to the existing campground units, infrastructure, and other facilities, including development of an offsite water pipeline and well site for the Silver Lake East Campground. Emissions generated in the Amador County Air Basin were estimated at approximately 0.05 tons per year of ROG, 0.44 tons per year of NO_x, and 0.02 tons per year of PM₁₀. Emissions generated in the El Dorado AQMD were estimated at approximately 1.49 pounds per day of ROG and 11.21 pounds per day of NO_x. The project refinements consist of similar construction activities and equipment use in the Mountain Counties Air Basin to what was analyzed in the IS/MND. Therefore, it can be reasonably determined that the daily and annual emissions of criteria air pollutants from the project refinements in the Mountain Counties Air Basin would be similar to or less than those estimated in the IS/MND. Therefore, the project refinements would generate additional emissions substantially below Amador County Air District and El Dorado County AQMD thresholds and would not warrant a more significant impact than what was evaluated in the IS/MND.

The project refinements would result in a less-than-significant impact related to conflicts with or obstruction of implementation of applicable air quality plans, because it would not violate any air quality standard, and would not result in a cumulatively considerable net increase of any criteria pollutant for which the project refinements region is non-attainment under an applicable Federal or State ambient air quality standard.

3.4 Biological Resources

This analysis of biological resources that could be affected by the proposed project refinements is based on information presented in the IS/MND, existing conditions, and biological resources that are known or have the potential to be present in or adjacent to the refined project area.

Based on review of aerial imagery and information collected for the biological resources section in the IS/MND, the habitat type in the area of the project refinements consist of upper montane forest habitat and is consistent with the habitat type described in Section 3.4 “Biological Resources,” of the IS/MND, and this area does not support wetlands, riparian vegetation, or other sensitive habitats. There have been no observed changes in habitat conditions in the refined project area since the IS/MND was prepared. Construction of the project refinements would result in additional disturbance of a small area and would not substantially increase the severity of impacts to sensitive habitats that were evaluated in the IS/MND.

Review of biological resources databases was conducted for this Addendum and did not reveal any special-status species with potential to occur in the project refinements area that were not previously addressed in the IS/MND (see **Appendix A**). Based on current habitat conditions, the refined project

area does not provide suitable habitat to support special-status plant species. Ground disturbance would primarily occur in areas of compacted soils, where moonworts, bryophytes, mud sedge, and willowherb are unlikely to occur. The only special-status invertebrate with potential to occur is western bumble bee (*Bombus occidentalis*); however, high-quality foraging habitat is present in the region and would likely be preferred. Additionally, this species is highly mobile. Therefore, potential impacts from project refinements would be less-than-significant.

Potential suitable habitat for Sierra Nevada yellow-legged frog is present at Oyster Lake, and marginal habitat is present in the Montane coniferous forest adjacent to Oyster Lake. Given the distance from Oyster Lake to the project refinements (approximately 800 feet), this impact would remain less than significant. In addition, EID would implement Mitigation Measure BIO-1 “Minimize Potential Impacts on Sierra Nevada Yellow-legged Frog,” and GEO-1 “Prepare and Implement a Storm Water Pollution Prevention Plan or a Storm Water Management Plan and Associated BMPs,” previously adopted and incorporated into the project refinements, to reduce impacts to special-status amphibians to less than significant.

The proposed project refinements would not increase impacts on special-status birds because habitat in the refined project area is unsuitable or only marginally suitable. The only nesting bird species with potential to nest in the vicinity of the project refinements is willow flycatcher. However, this species has very low potential to nest in the sparse riparian vegetation along Oyster Lake, Oyster Creek, and the Silver Fork American River. Potential for nesting is further limited by the existing high levels of human disturbance in these areas during the nesting season. Therefore, this impact would be less than significant.

The project refinements would not substantially affect the severity of previously identified impacts to biological resources or be expected to result in additional, new impacts to biological resources.

3.5 Cultural Resources

The analysis of impacts to cultural resources is based on ground-disturbing activities in new construction areas for the project refinements and the cultural resources study prepared for the IS/MND. The locations of the project refinements were included in the Area of Potential Effect evaluated in the cultural resources assessment for the Silver Lake East Campground Improvements Project³, as well as a Cultural Resources Addendum for the Silver Lake East Campground Improvements⁴ (Cultural Resources Addendum), as requested by USFS to evaluate the historical significance of the existing concrete water storage tank. No additional record searches or pedestrian survey were conducted for this analysis; however, EID staff provided photographs of the existing water storage tank and can be seen in the Cultural Resources Addendum. Based on the findings and recommendations in the Cultural Resources Addendum, the existing water storage tank was evaluated for listing in the National Register of Historic Places (NRHP) and the California Register of Historical Resources (CRHR) and is recommended as ineligible because the structure lacks sufficient historical significance and thus does not appear to meet NRHP or CRHR eligibility. Therefore, this structure is not discussed further.

The Sacred Land Database search previously conducted had negative results. The California Historical Resources Information System records searches, USFS records searches, and background research found

³ El Dorado Irrigation District. 2019. *Cultural Resources Assessment for the Silver Lake East Campground Improvements Project, Amador County, California*. April 5, 2019

⁴ El Dorado Irrigation District. 2023. *Cultural Resources Addendum for the Silver Lake East Campground Improvements, Amador County, California*. May 25, 2023.

one previously identified historical resource within the Silver Lake East Campground project area and another previously identified resource was found immediately outside the project footprint. Both resources were located during the pedestrian survey conducted for the IS/MND, and are outside the project refinements area, and no additional resources were found. While the geoarchaeological desktop study indicated that the project area has high sensitivity for buried resources, historical land use suggests that any deposits that may have been present would have been previously disturbed.

Although very unlikely, there is a possibility that historical, archaeological, or paleontological resources and human remains may be discovered during ground disturbing activities for the project refinements. If this were to occur, this occurrence would be consistent with the type and severity of potentially significant impacts that were identified in the IS/MND. EID would implement Mitigation Measures CR-1 “Address Previously Undiscovered Historic Properties, Archeological Resources, and Tribal Cultural Resources;” CR-2, “Address Previously Identified Archeological Resources Near the Silver Lake East Campground;” and CR-3; “Avoid Potential Effects on Undiscovered Burials,” which were previously adopted and incorporated into the project to reduce impacts on historical, archaeological, or paleontological resources and human remains to a less-than-significant level. Therefore, this impact would remain less than significant.

3.6 Geology and Soils

The project refinements would not change the previously identified impacts in IS/MND Section 3.7 “Geology and Soils,” because project-related construction would occur in similar soil types and because geologic impacts were evaluated at a regional scale. Potentially significant impacts were previously identified for construction-related soil erosion. Implementation of Mitigation Measure GEO-1, “Prepare and Implement a Storm Water Pollution Prevention Plan and Associated BMPs,” which was previously adopted and incorporated into the project, would reduce all potentially significant impacts from construction-related soil erosion to a less-than-significant level.

3.7 Greenhouse Gas Emissions

The project refinements would result in new greenhouse gas (GHG) emissions from hauling and use of construction equipment for excavation, demolition, grading, and other activities. The project was estimated to generate a total of 220 metric tons of carbon dioxide equivalents in the IS/MND. Since construction activities and use of equipment generating GHG emissions would be a smaller portion of the total activities evaluated in the IS/MND, the project refinements would generate a small amount of GHG emissions during construction activities. Therefore, emissions would be below the significance threshold identified in the IS/MND, which is the SMAQMD threshold of 1,100 metric tons carbon dioxide equivalents per year.

The project refinements would not result in additional operational GHG emissions than what was evaluated in the IS/MND. Therefore, the project refinements would not substantially affect the severity of previously identified GHG impacts or be expected to substantially conflict with existing California legislation and GHG reduction plans adopted to reduce Statewide GHG emissions. Therefore, this impact would remain less than significant.

3.8 Hydrology and Water Quality

The project refinements would not substantially alter the drainage pattern of the site or redirect flood flows. Stormwater would be diverted during construction in accordance with Mitigation Measure GEO-

1 to avoid erosion or siltation. During construction, EID would conduct water quality sampling from the well to assure that safe drinking water standards are met. Additionally, disinfection of the well and associated pipeline, and waterlines using chlorine disinfection protocol would occur prior to use of these new facilities.

The proposed refinements include replacing the existing spring-feed water supply system that currently supplies potable water to the campgrounds with a groundwater well as analyzed in the IS/MND. Since the water supply is currently supplied by groundwater, use of the well would not alter this use or quantity, only the location of the supply. Additionally, the well would have a pump capacity of 3 to 5 gpm, which is consistent with the existing Kay's Resort well that was proposed for use in the IS/MND, and use of groundwater would be moderated by the 3,000-gallon storage tank. Therefore, the project refinements would not substantially affect the severity of previously identified hydrology and water quality impacts. This impact would remain less than significant.

3.9 Noise

Generation of noise and vibrations from use of equipment at new construction locations would occur in Amador County and is similar in nature to sources of noise and vibration analyzed in the IS/MND. The noise and vibrations produced by the proposed project refinements would occur in new areas at the same site; however, potential impacts would be the same as previously analyzed because the same types and levels of noise would be generated by construction equipment at the refined project location and sensitive receptors would not change. The distance between proposed construction activities and the closest acoustically sensitive uses, Kit Carson Lodge, would be approximately 0.20-mile a distance further away that project activities analyzed in the IS/MND. Potential noise impacts under the Amador County noise ordinance were considered in the IS/MND and found to be less than significant. As determined in the IS/MND, the project refinements-related construction vibration would not be heard at the nearest sensitive receptors. Groundborne vibration levels generated from vehicular traffic are not typically perceptible outside of the road right-of-way for rubber-tired vehicles. Therefore, impacts to noise and vibrations from construction activities would remain less than significant.

The project refinements would mainly involve temporary and short-term construction activities. Following construction activities, facility operations and maintenance would be similar to activities that occur now without the project refinements. The well pump may emit a small amount of perceptible noise when operating during the day, however, due to the size of the well (3 to 5 gpm), the noise generated would not be significant. Therefore, this impact would remain less than significant.

4. Conclusions

Based on the previous Final IS/MND and the analysis in this Addendum, the project refinements would result in none of the conditions described in Section 15162 of the CEQA Guidelines that would trigger the need to prepare a subsequent EIR or subsequent negative declaration (or MND). The proposed minor technical changes (project refinements) evaluated in this Addendum:

- would not result in any new significant environmental effects, would not substantially increase the severity of previously identified significant effects,
- would not result in mitigation measures or alternatives previously found to be infeasible becoming feasible, and
- would not result in mitigation measures or alternatives which are considerably different from those analyzed in the previous CEQA document that would substantially reduce one or more significant effects on the environment.

These conclusions confirm that neither a subsequent EIR nor a subsequent MND is required, and this Addendum to the proposed project's MND is the appropriate CEQA document under CEQA Guidelines Section 15164 to evaluate the minor technical changes and resulting environmental impacts thereof.

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Appendix A. Biological Resources Database Searches



Selected Elements by Scientific Name
 California Department of Fish and Wildlife
 California Natural Diversity Database



Query Criteria: Quad IS (Caples Lake (3812061))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Ambystoma macrodactylum sigillatum</i> southern long-toed salamander	AAAAA01085	None	None	G5T4	S3	SSC
<i>Apodontia rufa californica</i> Sierra Nevada mountain beaver	AMAF01013	None	None	G5T3T4	S2S3	SSC
<i>Botrychium ascendens</i> upswept moonwort	PPOPH010S0	None	None	G4	S2	2B.3
<i>Botrychium minganense</i> Mingan moonwort	PPOPH010R0	None	None	G5	S3	2B.2
<i>Carex hystericina</i> porcupine sedge	PMCYP036D0	None	None	G5	S2	2B.1
<i>Carex scirpoidea ssp. pseudoscirpoidea</i> western single-spiked sedge	PMCYP03C85	None	None	G5T5	S2	2B.2
<i>Chaenactis douglasii var. alpina</i> alpine dusty maidens	PDAST20065	None	None	G5T5	S2	2B.3
<i>Claytonia megarhiza</i> fell-fields claytonia	PDPOR030A0	None	None	G5	S2	2B.3
<i>Draba asterophora var. asterophora</i> Tahoe draba	PDBRA110D1	None	None	G2T2?	S2?	1B.2
<i>Elymus scribneri</i> Scribner's wheat grass	PMPOA2H170	None	None	G5	S3	2B.3
<i>Epilobium howellii</i> subalpine fireweed	PDONA06180	None	None	G4	S4	4.3
<i>Erethizon dorsatum</i> North American porcupine	AMAFJ01010	None	None	G5	S3	
<i>Gulo gulo</i> wolverine	AMAJF03010	Proposed Threatened	Threatened	G4	S1	FP
<i>Lepus townsendii townsendii</i> western white-tailed jackrabbit	AMAE03041	None	None	G5T5	S3?	SSC
<i>Martes caurina sierrae</i> Sierra marten	AMAJF01014	None	None	G4G5T3	S3	
<i>Myotis thysanodes</i> fringed myotis	AMACC01090	None	None	G4	S3	
<i>Myotis volans</i> long-legged myotis	AMACC01110	None	None	G4G5	S3	
<i>Ochotona princeps schisticeps</i> gray-headed pika	AMAEA0102L	None	None	G5T4	S2S4	
<i>Oncorhynchus clarkii henshawi</i> Lahontan cutthroat trout	AFCHA02081	Threatened	None	G5T3	S2	
<i>Pekania pennanti</i> Fisher	AMAJF01020	None	None	G5	S2S3	SSC



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Picoides arcticus</i> black-backed woodpecker	ABNYF07090	None	None	G5	S2	
<i>Potamogeton praelongus</i> white-stemmed pondweed	PMPOT030V0	None	None	G5	S2	2B.3
<i>Rana sierrae</i> Sierra Nevada yellow-legged frog	AAABH01340	Endangered	Threatened	G1	S1	WL
<i>Strix nebulosa</i> great gray owl	ABNSB12040	None	Endangered	G5	S1	
<i>Taxidea taxus</i> American badger	AMAJF04010	None	None	G5	S3	SSC

Record Count: 25

CNPS Rare Plant Inventory



Search Results

12 matches found. Click on scientific name for details

Search Criteria: Quad is one of [3812061]

▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	STATE RANK	CA RARE PLANT RANK
<i>Botrychium ascendens</i>	upswept moonwort	Ophioglossaceae	perennial rhizomatous herb	(Jun)Jul-Aug	None	None	S2	2B.3
<i>Botrychium minganense</i>	Mingan moonwort	Ophioglossaceae	perennial rhizomatous herb	Jul-Sep(Oct)	None	None	S3	4.2
<i>Carex hystericina</i>	porcupine sedge	Cyperaceae	perennial rhizomatous herb	May-Jun	None	None	S2	2B.1
<i>Carex scirpoidea</i> ssp. <i>pseudoscirpoidea</i>	western single-spiked sedge	Cyperaceae	perennial rhizomatous herb	Jul-Sep	None	None	S2	2B.2
<i>Chaenactis douglasii</i> var. <i>alpina</i>	alpine dusty maidens	Asteraceae	perennial herb	Jul-Sep	None	None	S2	2B.3
<i>Claytonia megarhiza</i>	fell-fields claytonia	Montiaceae	perennial herb	Jul-Sep	None	None	S2	2B.3
<i>Draba asterophora</i> var. <i>asterophora</i>	Tahoe draba	Brassicaceae	perennial herb	Jul-Aug(Sep)	None	None	S2?	1B.2
<i>Elymus scribneri</i>	Scribner's wheat grass	Poaceae	perennial herb	Jul-Aug	None	None	S3	2B.3
<i>Epilobium howellii</i>	subalpine fireweed	Onagraceae	perennial stoloniferous herb	Jul-Aug	None	None	S4	4.3
<i>Lewisia kelloggii</i> ssp. <i>hutchisonii</i>	Hutchison's lewisia	Montiaceae	perennial herb	(Apr)May-Aug	None	None	S3	3.2
<i>Meesia triquetra</i>	three-ranked hump moss	Meesiaceae	moss	Jul	None	None	S4	4.2
<i>Potamogeton praelongus</i>	white-stemmed pondweed	Potamogetonaceae	perennial rhizomatous herb (aquatic)	Jul-Aug	None	None	S2	2B.3

Showing 1 to 12 of 12 entries

Suggested Citation:

California Native Plant Society, Rare Plant Program. 2023. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 19 May 2023].

Initial Study/Proposed Mitigated Negative Declaration
Caples Lake and Silver Lake East
Campground Improvements Project
June 2019

Direct Website Link:

<https://www.eid.org/home/showdocument?id=12817>

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider adopting a resolution approving non-ad valorem charges and authorizing El Dorado County Auditor-Controller's Office to place said charges on the tax roll and the Treasurer-Tax Collector's Office to collect said charges for the tax roll year 2023/2024.

PREVIOUS BOARD ACTION

The Board annually adopts a resolution to approve non-ad valorem charges and authorizes El Dorado County to place and collect charges for the tax roll year.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

AR 9054 Liens

Water Code sections 25502, 23667, 23672 and 25806

SUMMARY OF ISSUE

On an annual basis, staff sends assessments, delinquent utility charges, and lien release fees for the tax roll to the El Dorado County Auditor-Controller's Office. The EID Board adopts a resolution for these assessments and charges to be placed on the El Dorado County tax roll. The tax roll charges are for maintenance districts and delinquent water and wastewater charges. The dollar amount assessed for maintenance districts is in accordance with adopted resolutions. The delinquent utility charges are based on what is owed, and the lien release fees are based on what the County charges to release a lien (Attachment A). These tax roll charges are collected through a levy on the 2023/2024 El Dorado County property tax roll. The EID Board approves the assessment roll for the year 2023/2024 through a resolution that authorizes El Dorado County to place and collect charges on behalf of El Dorado Irrigation District (Attachment B).

BOARD OPTIONS

Option 1: Adopt a resolution approving non-ad valorem charges and authorizing El Dorado County Auditor-Controller's Office to place said charges on the tax roll and the Treasurer-Tax Collector's Office to collect said charges for the tax roll year 2023/2024.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

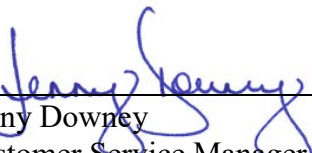
RECOMMENDATION

Option 1.

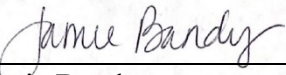
Attachments

Attachment A: Tax Roll Recap 2023/2024


Attachment B: Proposed resolution



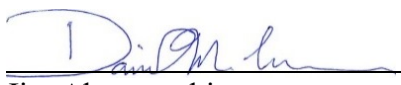
Jenny Downey
Customer Service Manager



Jamie Bandy
Finance Director



Brian Poulsen
General Counsel



for
Jim Abercrombie
General Manager

EL DORADO IRRIGATION DISTRICT
TAX ROLL RECAP FOR 2023/2024

Maintenance Districts

97M Clear Creek-

Tax Class 74323 (807)

For Aesthetic Purposes

136 Parcels

2023/2024 Charge

\$320.96

Miscellaneous Collections

Delinquent Water Charges-

Tax Class Number 84021 (892)

Liened Delinquent Water Charges

159 Parcels

2023/2024 Charge

\$127,151.62

Delinquent Sewer Charges-

Tax Class Number 84022 (895)

Liened Delinquent Sewer Charge

51 Parcels

2023/2024 Charge

\$34,884.96

Lien Release Charges-

Tax Class Number 84023 (899)

For Lien Release

160 Parcels

2023/2024 Charge

\$5,540.00

1 The foregoing Resolution was introduced at a regular meeting of the Board of Directors of the
2 EL DORADO IRRIGATION DISTRICT, held on the 24th day of July 2023, by Director who moved
3 its adoption. The motion was seconded by Director and a poll vote taken which stood as follows:

- 4 AYES:
- 5 NOES:
- 6 ABSENT:
- 7 ABSTAIN:

8 The motion having a majority of votes “Aye”, the resolution was declared to have been
9 adopted, and it was so ordered.

Brian Veerkamp, President
Board of Directors
EL DORADO IRRIGATION DISTRICT

11 ATTEST:

Jennifer Sullivan
Clerk to the Board
EL DORADO IRRIGATION DISTRICT

16 (SEAL)

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I, the undersigned, Clerk to the Board of the EL DORADO IRRIGATION DISTRICT hereby certify that the foregoing resolution is a full, true and correct copy of a Resolution of the Board of Directors of the EL DORADO IRRIGATION DISTRICT entered into and adopted at a regular meeting of the Board of Directors held on the 24th day of July 2023.

Jennifer Sullivan
Clerk to the Board
EL DORADO IRRIGATION DISTRICT

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EL DORADO IRRIGATION DISTRICT
TAX ROLL RECAP FOR 2023/2024

Maintenance Districts

97M Clear Creek-

Tax Class 74323 (807)

For Aesthetic Purposes

136 Parcels

2023/2024 Charge

\$320.96

Miscellaneous Collections

Delinquent Water Charges-

Tax Class Number 84021 (892)

Liened Delinquent Water Charges

159 Parcels

2023/2024 Charge

\$127,151.62

Delinquent Sewer Charges-

Tax Class Number 84022 (895)

Liened Delinquent Sewer Charge

51 Parcels

2023/2024 Charge

\$34,884.96

Lien Release Charges-

Tax Class Number 84023 (899)

For Lien Release

160 Parcels

2023/2024 Charge

\$5,540.00

EL DORADO IRRIGATION DISTRICT

SUBJECT: 2023 Customer Satisfaction Survey results.

PREVIOUS BOARD ACTION

August 9, 2021 – Staff presented the 2021 Customer Survey results.

The District has administered a customer satisfaction survey every two years for the last 14 years. Since 2015, the surveys have been sent to 4,000 randomly selected customers via email.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

BP 9010 Customer Service
District's Guiding Principles

SUMMARY OF ISSUE

The District is committed to surveying its customers regularly to evaluate customer satisfaction and monitor associated key performance indicators.

BACKGROUND/DISCUSSION

In March 2023, 4,000 surveys were sent randomly via email to selected customers. The survey included the same eight questions as in the District's previous surveys. The total response rate for 2023 is 17% (639 responses), a 2% decrease from 2021.

Summary of 2023 results

Question 1 – Based on your experience, how satisfied are you with the services provided to you?

2023 Response: 91% Very satisfied or satisfied; No change

2021 Response: 91% Very satisfied or satisfied

Question 2 – If you have telephoned the District, are phone calls answered promptly and professionally?

2023 Response: 98% Very satisfied, satisfied or had no reason to call; 1% increase

2021 Response: 97% Very satisfied, satisfied or had no reason to call

Question 3 – Compared to other utilities' field responses (electric, gas, phone, etc.), is the District's response level excellent, very good, average or poor?

2023 Response: 98% Excellent, very good, average or did not need a response; 2% increase

2021 Response: 96% Excellent, very good, average or did not need a response

Question 4 – Compared to other utility companies (electric, gas, phone, etc.), the District's water rates are very reasonable, reasonable or unreasonable?

2023 Response: 70% Very reasonable or reasonable; 9% increase

2021 Response: 61% Very reasonable or reasonable

Question 5 – Compared to other utility companies (electric, gas, phone, etc.), the District’s sewer rates are very reasonable, reasonable or unreasonable?

2023 Response: 61% Very reasonable or reasonable; 10% increase

2021 Response: 51% Very reasonable or reasonable

Question 6 – Please rank your belief about the importance of the following.

The number of customer responses determined category rankings. The top three responses remained the same compared to 2021 and 2019.

2023 Response	2021 Response
Water quality (530 responses)	Water quality (628 responses)
Water reliability (483 responses)	Water reliability (570 responses)
Security of water supply and quality (443 responses)	Security of water supply and quality (506 responses)
Watershed protection (331 responses)	Cost of water (396 responses)
Cost of water (328 responses)	24-hour emergency response (318 responses)
24-hour emergency response (316 responses)	Watershed protection (362 responses)
Wastewater treatment (293 responses)	Wastewater treatment (342 responses)
Additional water supply (275 responses)	Additional water supply (325 responses)

Question 7 – Please indicate your preferred method to receive information?

The number of customer responses determined category rankings. The top three responses remained the same compared to 2021.

2023 Response	2021 Response
Email (339 responses)	Email (392 responses)
<i>The Waterfront</i> (212 responses)	<i>The Waterfront</i> (267 responses)
EID Website (47 responses)	EID Website (58 responses)
Other (16 responses)	Other (20 responses)
Social Media (13 responses)	Newspapers (8 responses)
Newspapers (8 responses)	Local Cable Stations (7 responses)
Local Cable Stations (4 responses)	Social Media (0 responses; not a specific option in 2021)

Question 8 – Please provide any additional comments or clarifications to the questions above.

Staff uses this information to maximize effectiveness of future customer communications.

Most common topics	
2023 Response	2021 Response
151 responses from the 639 respondents	198 responses from the 752 respondents
Rates	Rates
Reliability	Reliability
Communication	Communication

Customer Satisfaction Survey Comparison							
Key Performance Indicator	Target	Results 2012	Results 2015	Results 2017	Results 2019	Results 2021	Results 2023
Overall experience	Greater than 90%	87%	91%	89%	90%	91%	91%
Over the phone	Greater than 90%	90%	93%	95%	96%	97%	98%
Field response	Greater than 90%	92%	95%	96%	96%	96%	98%
Reasonableness of water rates	Greater than 80%	54%	65%	61%	61%	61%	70%
Reasonableness of wastewater rates	Greater than 60%	33%	39%	45%	51%	51%	61%

Email and Online Statistics

The District uses email to communicate important messages regarding drought, potential water outages and other communications. 86% of District customers have opted in for email communication.

As of April 1, 2023, 32,020 accounts (74%) are registered for online bill pay. Of these online accounts, 13,584 (31%) have recurring credit card payments and 21,521 (50%) receive paperless statements.

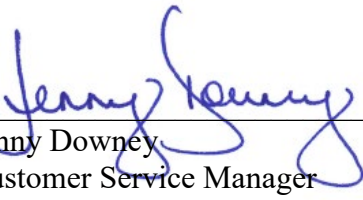
<p>BOARD OPTIONS None – Information only.</p>
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RECOMMENDATION

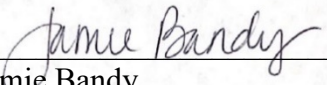
None – Information only.


ATTACHMENTS

None


Jenny Downey
Customer Service Manager


Karen Cross for Jesse Saich
Communications and Media Relations Manager

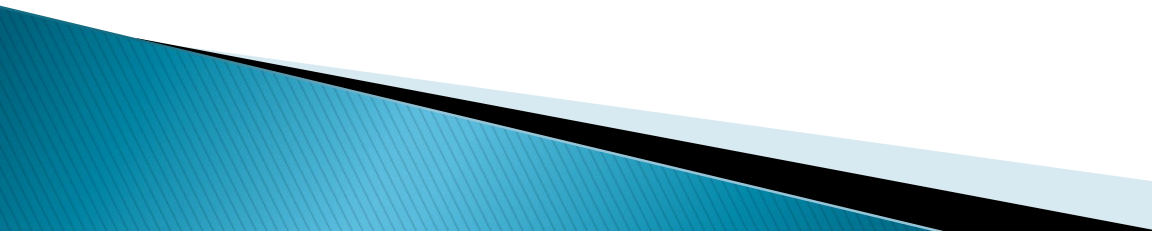

Jamie Bandy
Finance Director


Dan M. for
Jim Abercrombie
General Manager


2023 Customer Satisfaction Survey Results




Survey Information

- ▶ Surveys are conducted every two years
 - ▶ Emailed to 4,000 randomly selected customers
 - ▶ Same eight questions as previous surveys
 - ▶ 17% response rate
 - ▶ Satisfaction has increased for *Reasonableness of water rates* and *Reasonableness of wastewater rates*
- 

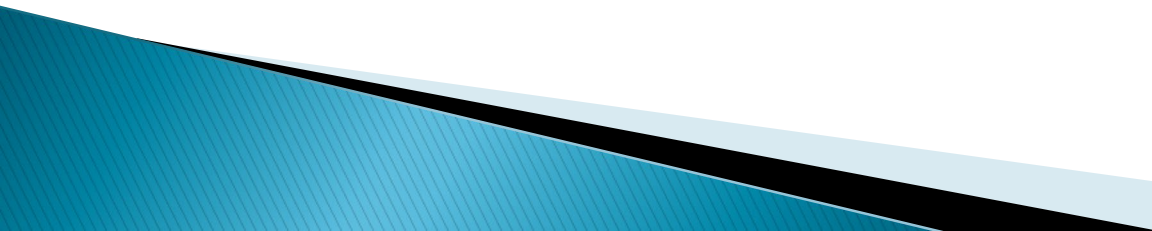
Survey Results

- ▶ Question 1 – Based on your experience, how satisfied are you with the services provided to you?
 - ▶ 2023 Response: 91% Very satisfied or satisfied; No change
 - ▶ 2021 Response: 91% Very satisfied or satisfied
- 


Survey Results

- ▶ Question 2 – If you have telephoned the District, are phone calls answered promptly and professionally?
 - ▶ 2023 Response: 98% Very satisfied, satisfied or had no reason to call; 1% increase
 - ▶ 2021 Response: 97% Very satisfied, satisfied or had no reason to call
- 


Survey Results

- ▶ Question 3 – Compared to other utilities’ field responses (electric, gas, phone, etc.), is the District’s response level excellent, very good, average, poor or had no need to request service?
 - ▶ 2023 Response: 98% Excellent, very good, average or did not need a response; 2% increase
 - ▶ 2021 Response: 96% Excellent, very good, average or did not need a response
- 

Survey Results

- ▶ Question 4 – Compared to other utility companies (electric, gas, phone, etc.), the District’s water rates are very reasonable, reasonable or unreasonable?
 - ▶ 2023 Response: 70% Very reasonable or reasonable; 9% increase
 - ▶ 2021 Response: 61% Very reasonable or reasonable
- 

Survey Results

- ▶ Question 5 – Compared to other utility companies (electric, gas, phone, etc.), the District’s sewer rates are very reasonable, reasonable or unreasonable?
 - ▶ 2023 Response: 61% Very reasonable or reasonable; 10% increase
 - ▶ 2021 Response: 51% Very reasonable or reasonable
- 

Survey Results

- ▶ Question 6 – Please rank your belief about the importance of the following.

2023 Response	2021 Response
1. Water quality	1. Water quality
2. Water reliability	2. Water reliability
3. Security of water supply and quality	3. Security of water supply and quality
4. Watershed protection	4. Cost of water
5. Cost of water	5. 24-hour emergency response
6. 24-hour emergency response	6. Watershed protection
7. Wastewater treatment	7. Wastewater treatment
8. Additional water supply	8. Additional water supply

Survey Results

- ▶ Question 7 – Please indicate your preferred method to receive information.

2023 Response	2021 Response
1. Email	1. Email
2. <i>The Waterfront</i>	2. <i>The Waterfront</i>
3. EID Website	3. EID Website
4. Other	4. Other
5. Social Media	5. Newspapers
6. Newspapers	6. Local Cable Stations
7. Local Cable Stations	

Survey Results


- ▶ Question 8 – Please provide any additional comments or clarifications to the questions above.

2023 Response	2021 Response
Most common topics	
1. Rates	1. Rates
2. Reliability	2. Reliability
3. Communication	3. Communication

Customer Satisfaction Survey

Key Performance Indicator	Target	Results 2019	Results 2021	Results 2023
Overall experience	Greater than 90%	90%	91%	91%
Over the phone	Greater than 90%	96%	97%	98%
Field response	Greater than 90%	96%	96%	98%
Reasonableness of water rates	Greater than 80%	61%	61%	70%
Reasonableness of wastewater rates	Greater than 60%	51%	51%	61%

Email and Online Statistics

- ▶ 86% of customers have opted in for email communication
 - ▶ 74% registered for online bill pay
 - 31% recurring credit card payments
 - 50% paperless statements
- 

Questions?

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider ratifying EID General Warrant Registers for the periods ending June 20, June 27, July 3, July 11, 2023, and Employee Expense Reimbursements for these periods.

PREVIOUS BOARD ACTION

The Board ratifies the District’s General Warrant Registers at each regular meeting of the Board.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

Section 24600 of the Water Code provides that no claim shall be paid unless allowed by the Board.

SUMMARY OF ISSUE

District staff notifies the Board of proposed payments via email and requests ratification of the warrant registers at the subsequent regular meeting of the Board. Copies of the Warrant Registers are sent to the Board on the Friday preceding the Warrant Register’s date. If no comment or request to withhold payment is received from any Director prior to the following Tuesday morning, the warrants are mailed out, and formal ratification of said warrants is agendaized on the next regular Board agenda.

BACKGROUND/DISCUSSION

Current Warrant Register Information

Accounts Payable prepares warrants; reviewed and approved by the Finance Manager, the Finance Director and the General Manager or their designee.

Register Date	Check Numbers	Amount
June 20 ,2023	704627 - 704665	\$889,802.05
June 27, 2023	704666 - 704771	\$576,093.22
July 3, 2023	704772 - 704935	\$737,449.20
July 11, 2023	704936 - 704993	\$423,248.39

Current Employee Expense Reimbursements

Employee Expenses and Reimbursements have been reviewed and approved by the Finance Manager and General Manager before the warrants are released. These expenses and reimbursements are for activities performed in the interest of the District in accordance with Board Policy 12065 and Resolution No. 2007-059.

Additional information regarding Board and employee expense reimbursements is available for copying or public inspection at District headquarters in compliance with Government Code Section 53065.5.

BOARD OPTIONS

Option 1: Ratify the EID General Warrant Registers and Employee Expense Reimbursements as submitted.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

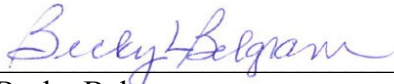
RECOMMENDATION

Option 1

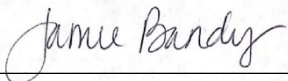
ATTACHMENTS

Attachment A: Executive Summaries

Attachment B: Employee Expense Reimbursements totaling \$100 or more



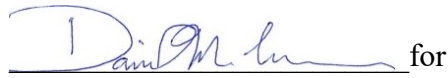
Becky Belgram
Acting Finance Manager



Jamie Bandy
Finance Director



Jennifer Sullivan
Clerk to the Board

 for

Jim Abercrombie
General Manager

Attachment A

June 15, 2023

To: Jim Abercrombie, General Manager
From: Becky Belgram, Acting Finance Manager
Via: Jamie Bandy, Director of Finance
RE: Warrant Register Executive Summary Approval

Attached is the summary for June 20, 2023 for your review and approval.

Executive Summary for June 20, 2023 -- \$889,802.05:

This summary highlights significant disbursements made by major business activity:

Development Services (Fund 105)—none to report

General District Operations (Fund 110)

- \$9,322—AT&T for phone service
- \$7,283—C & H Motor Parts, Inc. for miscellaneous vehicle maintenance supplies

Engineering Operations (Fund 210)—none to report

Water Operations (Fund 310)

- \$4,303—Capital Rubber & Gasket for 1500 neoprene washers
- \$168,325—PG&E for electric service
- \$10,114—Youngdahl Consulting Group, Inc. for preparing the environmental site assessment

Wastewater Operations (Fund 410)

- \$6,255—CLS Labs for regulatory lab testing
- \$6,380—Diamond Crane Company, Inc. for crane services at DCWWTP and CHWWTP
- \$46,969—PG&E for electric service

Recycled Water Operations (Fund 510)

- \$9,423—PG&E for electric service

Hydroelectric Operations (Fund 610)

- \$4,257—PG&E for electric service

Recreation Operations (Fund 710)—none to report

Capital Improvement Projects (Construction Funds 140, 340, 440, 540, 640 and 740)

- \$16,480—A T.E.E.M. Electrical Engineering for design services for El Dorado PH Electric Upgrades (Project #21028.01)
- \$39,900—Big Valley Electric for on-call services:
 - >Project #18048.02—El Dorado PH Electric Upgrades (\$4,392) Retention held \$219
 - >Project #18048.03—Ridgeview Generator (\$4,393) Retention held \$219
 - >Project #18048.04—North Canyon Generator (\$4,393) Retention held \$220
 - >Project #18048.05—Moosehall Generator \$(13,143) Retention held \$657
 - >Project #18048.06—Monte Vista Generator (\$4,393) Retention held \$220
 - >Project #18048.07—Gold Ridge Generator (\$6,893) Retention held \$345
 - >Project #18048.08—Reservoir 2 Generator (\$4,393) Retention held \$220
- \$283,102—Express Sewer & Drain, Inc. for 2022 Collection Pipeline Replacement (\$298,002) (Project #21018.01) Retention held \$14,900

- \$7,674—GEI Consultants, Inc. for engineering services – FERC.C50.1 Silver Lake (Project #06082H.01P)
- \$231,600—TNT Industrial Contractors, Inc. (\$243,790) – EDHWWTP WAS DAFT REHAB (Project #18035.01) Retention held \$12,190

June 22, 2023

To: Jim Abercrombie, General Manager
From: Becky Belgram, Acting Finance Manager
Via: Jamie Bandy, Director of Finance
RE: Warrant Register Executive Summary Approval

Attached is the summary for June 27, 2023 for your review and approval.

Executive Summary for June 27, 2023 -- \$576,093.22:

This summary highlights significant disbursements made by major business activity:

Development Services (Fund 105)—none to report

General District Operations (Fund 110)

- \$4,530—AT&T for phone service
- \$135,677—Aqua Metric Sales Company for warehouse inventory
- \$42,699—Big Valley Electric for release of retention held
- \$39,457—Hunt & Sons, Inc. for card lock and fuel deliveries at various locations.
- \$5,433—NBS for cost of service and analysis on water resources
- \$10,028—Panatrack, Inc. for barcode equipment for the warehouse

Engineering Operations (Fund 210)—none to report

Water Operations (Fund 310)

- \$4,571—All Electric Motors, Inc. for hydraulic motor repair and chemical feed motor purchase
- \$7,039—BSK Associates for lab testing
- \$4,685—CFM-SF, Inc. for Watermeter Flowmeter System
- \$5,317—Costa Fencing, Inc. for tree removal and fence repair
- \$5,326 Grainger for two sump pumps, two utility pumps, wedge anchors and other miscellaneous operating supplies

Wastewater Operations (Fund 410)

- \$5,664—CLS Labs for regulatory lab testing
- \$71,227—Celadon HoldCO, LLC for Solar PPA electricity charges
- \$5,901—Flo-Line Technology, Inc. for pump repair

Recycled Water Operations (Fund 510)

- \$10,947—Coker Pump & Equipment Company for a Cell Metering Pump

Hydroelectric Operations (Fund 610))—none to report

Recreation Operations (Fund 710)

- \$3,625—AC Septic Service for septic service at Sly Park

Capital Improvement Projects (Construction Funds 140, 340, 440, 540, 640 and 740)

- \$15,216—AECOM Technical Services, Inc for environmental impact report — Permit 21112 Change in Point (Project #16003.01)
- \$7,765—Carollo Engineers, Inc. for preparing the integrated water master plan — Integrated Water Master Plan (Project #STUDY10.01)
- \$6,090—ICM Group, Inc. for electrical inspection and labor – EDHWWTP WAS DAFT Rehab (Project #18035.01)

- \$17,937—MCK Americas, Inc. for resident engineering and construction management — Flume 45 Abutment Replacement (Project #17025.01)
- \$21,581—Peterson Brustad, Inc.
 - Project #21030.01—Reservoir 1 Tank Upgrade (\$2,417)
 - Project #STUDY15.01—EDM2 Condition Assessment (\$19,164)
- \$5,085—Peterson Brustad, Inc. for design services for the Silver Lake Well — FERC.C50.1 Silver Lake Well (Project #06082H.02)
- \$23,000—Raftelis for business and technology consulting services—Hansen 7 Software Replacement (Project #18055.01)
- \$22,809—Sage Energy Consulting for solar feasibility, interconnection, and asset management — Solar Assessment and Design (Project #16030.01)
- \$18,154—Stantec Consulting Services, Inc. for an environmental impact report — Sly Park Intertie Improvements (Project #21079.01)
- \$14,875—Tesco Controls, Inc. for Reservoir A arc flash assessment — Water Arc Flash Risk Assess (Project #STUDY17.01)
- \$32,200—Zanjero for strategic support and technical assistance — Permit 21112 Change in Point (Project# 16003.01)

June 29, 2023

To: Jim Abercrombie, General Manager
From: Becky Belgram, Acting Finance Manager
Via: Jamie Bandy, Director of Finance
RE: Warrant Register Executive Summary Approval

Attached is the summary for July 3, 2023 for your review and approval.

Executive Summary for July 3, 2023 -- \$737,449.20:

This summary highlights significant disbursements made by major business activity:

Development Services (Fund 105) – none to report

General District Operations (Fund 110)

- \$22,207—APTIM Environmental & Infrastructure, LLC for FEMA consulting services
- \$5,092—AT&T for phone, internet and wide area network service
- \$8,525—Business Oriented Software Solutions, Inc. for software renewal
- \$4,884—C & H Motor Parts, Inc. for miscellaneous vehicle maintenance supplies
- \$5,489—CDW Government for software licenses, cost split between Information Technology and Hydroelectric/SCADA Divisions
- \$3,740—eOne Integrated Business Solutions for software maintenance renewal
- \$4,000—Hodgeson General Engineering for a credit balance refund on customer account
- \$4,032—Hog Wild Bar-B-Que for catering employee barbeque
- \$3,842—Hunt & Sons, Inc. for fuel and oil deliveries at various locations
- \$9,500—Reeb Government Relations, LLC for July 2023 retainer
- \$4,103—Sierra Nevada Tire and Wheel for tires and service calls

Engineering Operations (Fund 210) – none to report

Water Operations (Fund 310)

- \$4,043—Dudek for pretreatment surveys at Reservoir A
- \$3,236—Lehr Auto Electric for two light bars and two switch controls
- \$68,261—U.S. Bureau of Reclamation for Folsom water deliveries and restoration fund payments
- \$13,947—Univar Solutions USA, Inc. for sodium hypochlorite at EDHWTP

Wastewater Operations (Fund 410)

- \$3,675—DFK Solutions Group, LLC for compliance requirement services related to spill emergency response plan
- \$12,399—Ferguson Enterprises, LLC for pipe patch kits, couplings and ball bearings
- \$5,863—Flo-Line Technology, Inc. for pump repair parts and service and stator rewind at Promontory Village 2 Lift Station
- \$4,596—Keller Maritime Associates for syntho-glass rolls
- \$3,250—Konecranes for quarterly crane inspection services at DCWWTP, EDHWTP and hydroelectric powerhouse
- \$4,956—Veolia Water Technologies Treatment Solutions USA, Inc. for ultraviolet products at EDHWTP

Recycled Water Operations (Fund 510)

- \$21,386—Univar Solutions USA, Inc. for sodium hydroxide at EDHWTP

Hydroelectric Operations (Fund 610)

- \$5,478—CDW Government for software licenses, cost split between Information Technology and Hydroelectric/SCADA Divisions
- \$19,009—GEI Consultants, Inc. for seismic assessment, dam engineering and seepage investigation services

Recreation Operations (Fund 710)

- \$17,371—Talmo & Associates, Inc. for temporary labor at Sly Park Recreation

Capital Improvement Projects (Construction Funds 140, 340, 440, 540, 640 and 740)

- \$22,045—CFM-SF, Inc. for two electromagnetic flowmeters – EDHWWTP BNR Return Flow Meter (Project #23012.01)
- \$34,693—DG Granade, Inc. for construction services (\$411,656) – Wastewater Collection Facility Relocation (Project #17034.01)
- \$10,994—Dudek for spotted owl surveys at Flumes 45 and 47A:
 - >Project #21013.01 – Flumes 45A, 46A, 47A, and 47B Replacement (\$6,693)
 - >Project #17025.01 – Flume 45 Abutment Replacement (\$4,301)
- \$53,425—GEI Consultants, Inc. for engineering services – Silver Lake Dam Rehabilitation (Project #19031.01)
- \$16,271—Herwit Engineering for construction engineering services:
 - >Project #22035.01 – DCWWTP Blower Replacement (\$2,964)
 - >Project #18035.01 – EDHWWTP WAS DAFT Rehabilitation (\$9,007)
 - >Project #19033.01 – Reservoir A PLC Replacement (\$4,300)
- \$7,760—Kleinfelder, Inc. for hydroelectric compliance monitoring services – FERC: C46 thru C49 Recreation Resource Management (Project #06098H.01)
- \$200,531—Pape Group, Inc. for a 2024 tri axle dump truck – 2023 Vehicle Replacement Program (Project #23003.01)
- \$58,503—Water Works Engineers, LLC for engineering design services:
 - >Project #22039.01 – EDHWWTP Filter 5 Rehabilitation (\$28,237)
 - >Project #17035.01 – Green Valley Bridge Relocation (\$3,990)
 - >Project #21018.01 – 2022 Collection Pipeline Replacement (\$3,898)
 - >Project #22038.01 – Reservoir A Valve Replacement (\$22,378)

July 6, 2023

To: Jim Abercrombie, General Manager
From: Becky Belgram, Acting Finance Manager
Via: Jamie Bandy, Director of Finance
RE: Warrant Register Executive Summary Approval

Attached is the summary for July 11, 2023 for your review and approval.

Executive Summary for July 11, 2023 -- \$423,248.39:

This summary highlights significant disbursements made by major business activity:

Development Services (Fund 105) – none to report

General District Operations (Fund 110)

- \$19,017—Aqua Metric Sales Company for 72 one-inch water meters
- \$11,550—CDW Government for software license and support renewal (cost shared with project 22022.01 Network Perimeter Security Upgrade)
- \$11,551—Dataprose, LLC for May 2023 billing services
- \$4,000—Granite Construction for a credit balance refund on customer account
- \$5,522—Hunt & Sons, Inc. for fuel deliveries at various locations
- \$38,962—Regional Water Authority for Common Interest Management Services Agreement payment for fiscal year 2023-2024
- \$3,490—Sierra Asphalt, Inc. for a credit balance refund on customer account

Engineering Operations (Fund 210) – none to report

Water Operations (Fund 310)

- \$4,026—All Star Rents, Inc. a compact excavator rental
- \$3,772—Grainger for a deep well pump, four pump diaphragms, tubing, washers, elbows, and miscellaneous office supplies
- \$30,593—MCS Inspection for specialty tank coating inspection services
- \$229,695—PG&E for electric service

Wastewater Operations (Fund 410)

- \$3,704—Grainger for a pressure washer, fittings, batteries and an expansion plug
- \$4,900—J&S Asphalt for driveway repairs at Marina Village 2 Lift Station

Recycled Water Operations (Fund 510) – none to report

Hydroelectric Operations (Fund 610) – none to report

Recreation Operations (Fund 710)

- \$14,799—El Dorado Disposal Service, Inc. for trash disposal service at various locations

Capital Improvement Projects (Construction Funds 140, 340, 440, 540, 640 and 740)

- \$6,932—CDW Government for software license and support renewal – Network Perimeter Security Upgrade (Project #22022.01) (cost shared with Information Technology Department)

Attachment B

Employee Expense Reimbursements
Warrant Registers dated 06/20/23 - 07/11/23

EMPLOYEE	DESCRIPTION	AMOUNT
Robert Burwell	Water Distribution Operator Renewal Training	\$210.25
Aaron Dinsdale	Introduction to Property Management Class From The International Right of Way Association	\$415.00
Jan Wolf	Travel Advance For ESRI Conference	\$1,200.00
		\$1,825.25

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider awarding a contract to TNT Industrial Contractors, Inc. in the not-to-exceed amount of \$819,200 for construction of the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project and authorize additional funding of \$24,022 for engineering services, \$24,910 for construction management, \$24,700 for inspection services, \$16,095 for specialty coating inspection, \$22,000 for capitalized labor, and \$122,880 in construction contingency for a total funding request of \$1,053,807 for the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project, Project No. 22039.01, which staff has determined is exempt from the California Environmental Quality Act.

PREVIOUS BOARD ACTION

November 14, 2022 – Board adopted the 2023–2027 Capital Improvement Plan (CIP), subject to available funding.

February 27, 2023 – Board awarded a contract to WesTech, Inc. in the not-to-exceed amount of \$955,986 for the purchase of filter and clarifier equipment and authorized additional funding of \$955,986 for the EDHWWTP Filters 5 and 6 Rehabilitation Project, Project No. 22039.01.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

BP 3060 Contracts and Procurement

BP 6010 Wastewater System Management

SUMMARY OF ISSUE

Two of the six tertiary filters at the El Dorado Hills Wastewater Treatment Plant (EDHWWTP) are out of service due to underdrain failures. As a result, EDHWWTP's ability to meet discharge standards during peak wet weather events is considerably diminished. Installation of new filter equipment and complete filter rehabilitation with this construction contract award will address these issues.

BACKGROUND/DISCUSSION

Tertiary filtration was added to the process at EDHWWTP in 1995 when the District installed three filters. As the El Dorado Hills community grew, a fourth filter was constructed in 1999 to provide additional capacity. These filters utilize half-pipe laterals with perforated screens for underdrains that collect to a common header. The Filters 1-4 underdrains have operated reliably since installation.

In 2007, two additional Trident multimedia filters, Filters 5 and 6, were installed during the Phase 3A plant expansion. However, after installation of Filters 1-4, the design of the underdrain system for these filters was changed by the manufacturer to a multiblock system. The multi-block system uses a series of interconnected plastic blocks with affixed stainless steel perforated plates. The updated underdrain configuration has proven problematic for the District and other agencies with the same infrastructure, likely due to numerous dissimilar materials and flexible stainless steel perforated plates.

In the spring of 2022, the Filter 5 underdrain failed. The District retained Herwit Engineering (Hewit), an on-call engineering firm, to investigate the cause of the failure. Herwit recommended replacing the underdrain system with the older design, including the clarifier section, and recoating the entire tank.

During the update of the District’s 2023-2027 CIP, staff included the EDHWWTP Filters 5 and 6 Rehabilitation project with planned expenditures in 2023 to address Filter 5. The CIP also included planned expenditures in 2026 to address Filter 6 with the assumption the Filter 6 underdrain would suffer the same failure in the near term. In January 2023, the Filter 6 underdrain did fail in the same manner. Filters 5 and 6 are now out of service, further compromising the District’s ability to meet discharge standards during peak wet weather events. Therefore, the District must replace both failed filters as soon as possible.

To minimize the risk of discharge violations during the 2023/2024 wet season, staff carefully considered the schedule and identified the purchase of the filter and clarifier equipment as the critical path item. The Board awarded the purchase of filter and clarifier equipment from Westech, Inc. in the not-to-exceed amount of \$955,986 on February 27, 2023.

A follow-up construction contract is now needed to install the equipment and fully rehabilitate Filters 5 and 6 prior to the 2023/2024 wet season.

Construction Contract

The District advertised the filter installation and rehabilitation for bidding in June 2023. Four general contractors attended the mandatory pre-bid meeting on July 5, 2023, and two submitted bids, summarized below, with more detailed information provided in Attachment A.

Contractor	Total Bid
TNT Industrial Contractors, Inc.	\$819,200
ERS Industrial Services, Inc.	\$982,177

TNT Industrial Contractors, Inc. submitted the lowest bid in the amount of \$819,200, which is less than the engineer’s estimate of \$1,000,000. The design engineer reviewed the bid tabulation and recommends award to the low bidder.

Environmental Review

The District, acting as the Lead Agency, must comply with California Environmental Quality Act (CEQA) requirements for the EDHWWTP Filters 5 and 6 Rehabilitation Project. Pursuant to the District’s CEQA procedures, District staff is responsible for conducting reviews to determine whether a project is exempt from CEQA. However, a recent appellate court decision determined that where “a local agency at a regular meeting approves a project that is subject to a staff determination of a CEQA exemption, it must give notice of the CEQA exemption on its agenda.” *G.I. Industries v. City of Thousand Oaks* (2022) 84 Cal.App.5th 814. Therefore, the agenda item description for this Board item includes language indicating staff’s determination of a CEQA exemption.

Staff has reviewed the activities associated with implementing the proposed project and determined that the project qualifies for a Class 2 CEQA Categorical Exemption as replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced (CEQA Guidelines §15302). None of the applicable exceptions to this

exemption, as identified under CCR, Title 14 section 15300.2, apply to this project, including an area of critical concern, cumulative impact, significant effect due to unusual circumstances, scenic highways, hazardous waste sites, and historical resources. If the Board approves the proposed project, staff will file a Notice of Exemption (NOE) from CEQA with the El Dorado County Recorder-Clerk's office and post the NOE on the District's website.

FUNDING

The 2023-2027 CIP (Attachment B) includes funding of \$2.22 million for this project. The funding source is 100% wastewater FCCs. Total funding required to complete this project is summarized below. The table lists each item for which funding is requested. The construction contingency is higher than 10%, typical of most projects, due to the unknown condition of the steel filter tank and its structural members. The structural members will be carefully inspected after they are sandblasted to determine if they need to be replaced before recoating. The added contingency will cover the cost of structural member replacement if it is required.

Construction – TNT Industrial Contractors, Inc	\$819,200
Engineering services during construction – Water Works Engineers	\$24,022
Construction management – Herwit Engineering	\$24,910
Inspection services – ICM Group	\$24,700
Specialty coating inspection – CSI Services Inc.	\$16,095
Capitalized labor	\$22,000
15% project contingency	\$122,880
Total funding request	\$1,053,807

Construction is anticipated to begin in August 2023 and completed in December 2023.

BOARD OPTIONS

Option 1: Award a contract to TNT Industrial Contractors in the not-to-exceed amount of \$819,200 for the construction of the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project and authorize additional funding of \$24,022 for engineering services, \$24,910 for construction management, \$24,700 for inspection services, \$16,095 for specialty coating inspection, \$22,000 for capitalized labor, and \$122,880 in project contingency for a total funding request of \$1,053,807 for the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project, Project No. 22039.01, which staff has determined is exempt from the California Environmental Quality Act.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

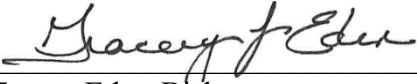
RECOMMENDATION

Option 1

ATTACHMENTS

Attachment A: Summary of bids

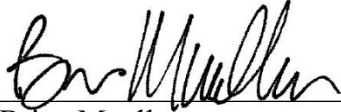
Attachment B: CIP summary



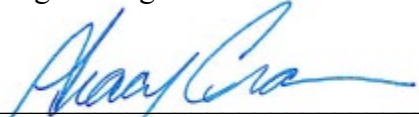
Tracey Eden-Bishop
Senior Civil Engineer



Brian Deason
Environmental Resources Supervisor



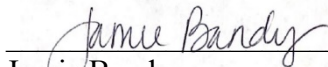
Brian Mueller
Engineering Director



Tracy Crane
Wastewater/Recycled Water Manager



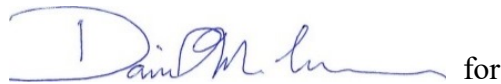
Dan Corcoran
Operations Director



Jamie Bandy
Finance Director



Brian Poulsen
General Counsel

 for

Jim Abercrombie
General Manager

EL DORADO IRRIGATION DISTRICT

EL DORADO HILLS WASTEWATER TREATMENT PLANT FILTER REHABILITATION

PROJECT NO. 22039.01; CONTRACT NO. E23-09

Bid Opening: July 12, 2023 @ 3:01 p.m.

SUMMARY OF BIDS RECEIVED

ITEM NO.	WORK OR MATERIAL	QUANTITY	UNIT	TNT Industrial Contractors, Inc. Sacramento, CA Bid env. A received via hand delivery at 2:13 p.m. 7/12/2023 Bid env. B received via hand delivery at 2:14 p.m. 7/12/2023 "Footnote A"		ERS Industrial Services, Inc. Fremont, CA Bid env. A received via hand delivery at 12:53 p.m. 7/12/2023 Bid env. B received via hand delivery at 12:54 p.m. 7/12/2023 "Footnote B"	
				UNIT PRICE (FIGURES)	AMOUNT (FIGURES)	UNIT PRICE (FIGURES)	AMOUNT (FIGURES)
1	Bonds and Insurance	1	LS	10,750.00	\$ 10,750.00	21,392.00	\$ 21,392.00
2	Safety Plan and Programs	1	LS	4,250.00	4,250.00	2,500.00	2,500.00
3	Mobilization/Demobilization	1	LS	6,500.00	6,500.00	50,000.00	50,000.00
4	Demolition of Existing Filter Components	2	EA	56,000.00	112,000.00	175,000.00	350,000.00
5	Sandblasting of Filters	2	EA	93,500.00	187,000.00	87,146.00	174,292.00 B
6	Painting of Filters	2	EA	123,750.00	247,500.00	43,573.50	87,147.00
7	Handling and Installation of WesTech Supplied Filter Materials	2	EA	97,500.00	195,000.00	133,673.00	267,346.00
8	Check Valve Replacement and Air Scour Piping	2	EA	19,500.00	39,000.00	8,000.00	16,000.00
9	Startup and Testing Support	2	EA	2,600.00	5,200.00	750.00	1,500.00
10	Water Pollution Control Plan (WPCP)	1	LS	2,000.00	2,000.00	2,000.00	2,000.00
11	Miscellaneous Metal Repairs	1	Allowance	10,000.00	10,000.00	10,000.00	10,000.00
TOTAL BID PRICE:					\$ 819,200.00 A		\$ 982,177.00 B

Footnotes:

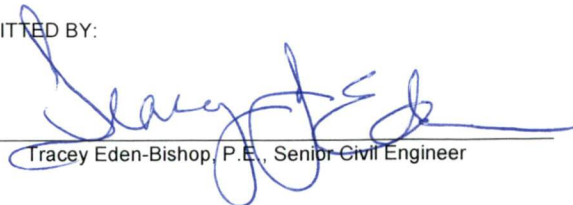
A The apparent low bidder is determined by the total sum of bid items 1-11.**B** Per specification section 00200 (Instructions to Bidders), bid item total discrepancy was corrected in favor of the unit price. Contractor mistakenly totaled this item at \$174,294.00. District corrected this math error which carried to the total bid price.

THIS TABULATION REPRESENTS A TRUE AND COMPLETE SUMMARY OF BIDS RECEIVED BY EL DORADO IRRIGATION DISTRICT

PROJECT NO. 22039.01; CONTRACT NO. E23-09

PREPARED BY: Lori Bazinet
District Contract Management

SUBMITTED BY:



Tracey Eden-Bishop, P.E., Senior Civil Engineer

2023

CAPITAL IMPROVEMENT PLAN Program:

Wastewater

Project Number: 22039
Project Name: EDHWWTP Filter 5 and 6 Rehabilitation
Project Category: Reliability & Service Level Improvements
Priority: 2 **PM:** Money **Board Approval:** 11/14/22

Project Description:

As part of Title 22 recycled water requirements, the District installed four Trident brand filters at EDHWWTP between 1995 and 1999. These four filters utilized half pipe laterals with perforated screens and PVC underdrains to collect finished water within a sand and anthracite filter bed.

When the plant was expanded in 2007 Filter 5 and 6 were added, however, the underdrain system was changed by the manufacturer to a Multiblock underdrain that uses slotted concrete blocks, with HDPE collectors fitted with a stainless steel perforated plate for the filter underdrain. This underdrain configuration has significantly degraded in both Filter 5 and 6 likely due to the numerous dissimilar materials and flexible stainless steel plates. In spring of 2022, Filter 5 failed entirely and has since been taken offline.

A planned rehabilitation of Filter 6 will occur in 2026 unless it experiences a level of failure similar to Filter 5 in which case the rehabilitation will be escalated.

Basis for Priority:

The removal of Filter 5 from service has limited capacity at the EDHWWTP and eliminated any available redundancy for the other five filters. This limits operational flexibility, and places the District at significant risk for discharge violations if additional equipment should fail or be taken offline.

Project Financial Summary:			
Funded to Date:	\$ 95,000	Expenditures through end of year:	\$ 93,000
Spent to Date:	\$ -	2023 - 2027 Planned Expenditures:	\$ 2,220,000
Cash flow through end of year:	\$ 93,000	Total Project Estimate:	\$ 2,313,000
Project Balance	\$ 2,000	Additional Funding Required	\$ 2,218,000

Description of Work	Estimated Annual Expenditures					Total
	2023	2024	2025	2026	2027	
Environmental	\$ 10,000			\$ 10,000		\$ 20,000
Construction	\$ 1,100,000			\$ 1,100,000		\$ 2,200,000
TOTAL	\$ 1,110,000	\$ -	\$ -	\$ 1,110,000	\$ -	\$ 2,220,000

Funding Sources	Percentage	2023	Amount
Wastewater FCCs	100%		\$1,108,000
Total	100%		\$1,108,000

Funding Comments:



El Dorado Hills Wastewater Treatment Plant **Filters 5 and 6 Rehabilitation**

Construction Contract and
Project Funding

Project No. 22039.01

July 24, 2023

Previous Board Actions

- November 14, 2022 – Board approved the 2023-2027 CIP, subject to available funding.
- February 27, 2023 – Board awarded a contract to WesTech, Inc. in the not-to-exceed amount of \$955,986 for the purchase of filter and clarifier equipment

Summary of Issues

- Two of the six tertiary filters at the El Dorado Hills Wastewater Treatment Plant (EDHWWTP) have failed.
- Plant's ability to meet discharge standards during peak wet weather events is considerably diminished.
- Installation of new filter equipment and complete filter rehabilitation with this construction contract award will address these issues.

Background

- EDHWWTP currently operates 6 tertiary filters
 - Filters 1 - 4 installed in 1990's with half pipe underdrains
 - Filters 5 & 6 installed in 2007 with Multiblock underdrains
- Filters 5 & 6 underdrain system failures within last 18 months
 - 1/3 of capacity out of service
 - No redundancy if another filter fails

Background



EDH Wastewater Treatment Plant

Background



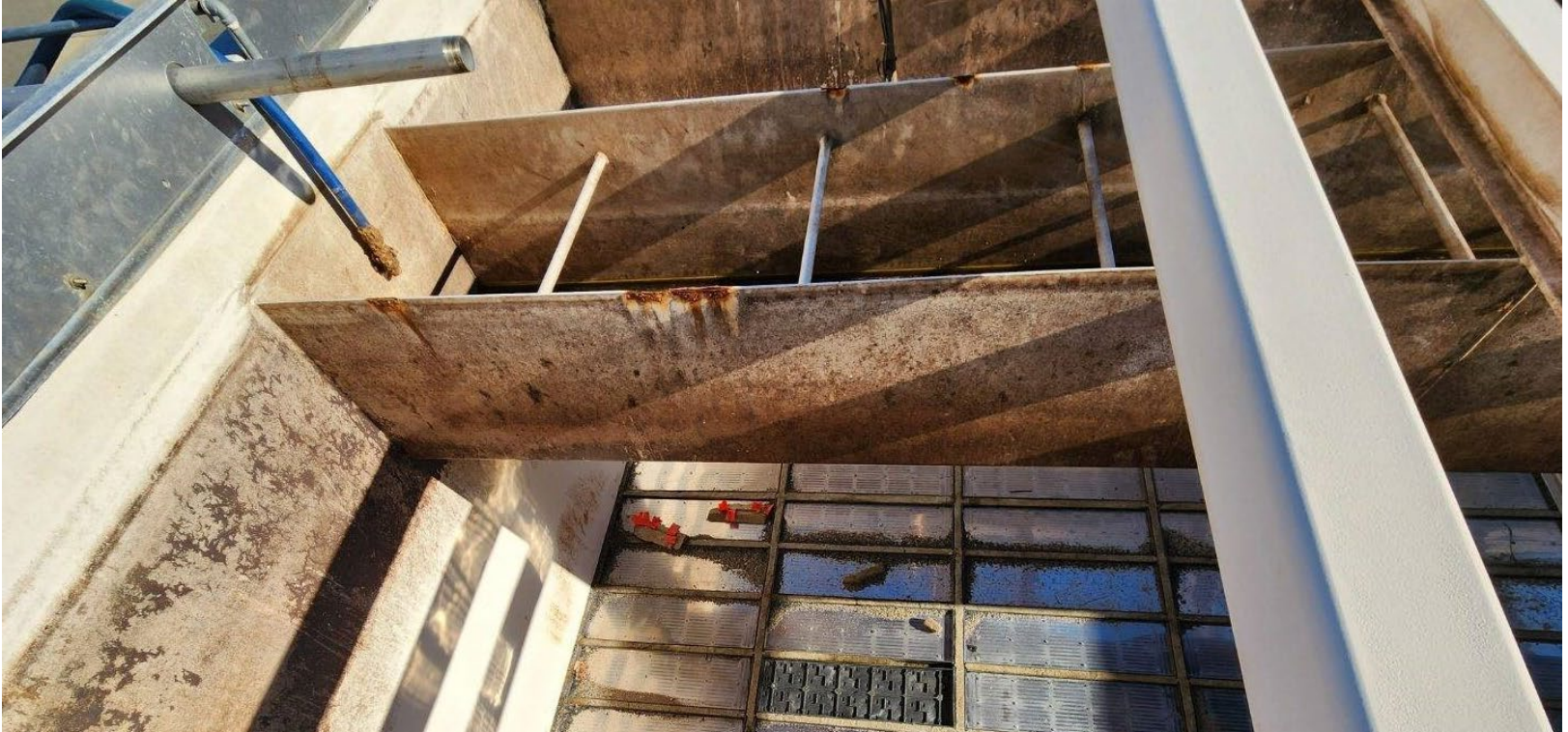
Filter Complex

Background



Filters 5 and 6

Background



Filter 5 Multiblock Underdrain Failure

Background



Filter 6 Multiblock Underdrain Failure

Background



Filter Tank Corrosion

Construction Contract

Bidding

- Advertised in June 2023
- Bids received in July 2023
- Both bids are below engineer's estimate of \$1,000,000

Contractor	Total Bid
TNT Industrial Contractors, Inc	\$819,200
ERS Industrial Services, Inc.	\$982,177

Environmental Review

- Project is exempt from the California Environmental Quality Act (CEQA)
 - Replacement or reconstruction of existing structures and facilities
- If project is approved, staff will file a Notice of Exemption from CEQA

Funding

- Identified in 2023-2027 CIP with \$2.22 million over the five year period

Additional Funding

	Cost
Construction award – TNT Industrial Contractors, Inc.	\$819,200
Engineering during construction – Water Works Engineers	\$24,022
Construction management – Herwit Engineering	\$24,910
Inspection services – ICM Group	\$24,700
Specialty coating Inspection – CSI Services	\$16,095
Capitalized labor	\$22,000
15% construction contingency	\$122,880
Total funding request	\$1,053,807

Note: Higher contingency % is for potential structural member replacement due to corrosion.

Schedule

- August 2023 – Contract execution
- September 2023 – Construction begins
- October 2023 – Filter/clarifier equipment delivery
- December 2023 – Construction complete

Board Options

- **Option 1:** Award a contract to TNT Industrial Contractors, Inc. in the not-to-exceed amount of \$819,200 for construction of the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation Project, and authorize additional funding in the amount of \$24,022 for engineering services during construction, \$24,910 for construction management, \$24,700 for inspection services, \$16,095 for specialty coating inspection, \$22,000 for capitalized labor, and \$122,880 in project contingency for a total funding request of \$1,053,807 for the El Dorado Hills Wastewater Treatment Plant Filters 5 and 6 Rehabilitation, Project No. 22039.01, which staff has determined is exempt from the California Environmental Quality Act.
- **Option 2:** Take other action as directed by the Board.
- **Option 3:** Take no action.

Recommendation

- Option 1

Questions/Comments

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider awarding a contract to CDW-G in the not-to-exceed amount of \$313,066 for the purchase of server equipment and authorize additional funding of \$33,000 for capitalized labor and \$17,000 in contingency for a total funding request of \$363,066 for the Enterprise Server Replacement Project, Project No. 23024.01.

PREVIOUS BOARD ACTION

May 23, 2016 – Board authorized funding of \$458,370 to replace eight computer systems hosting District supervisory control and data acquisition (SCADA) software applications.

October 23, 2017 – Board awarded a contract to CDW-G in the not-to-exceed amount of \$393,000 and Dell in the not-to-exceed amount of \$144,000 for the replacement of data center computer equipment; and authorized project funding of \$550,000 for the Data Center Computer Replacement Project, Project No. 17043.01

November 14, 2022 – Board adopted the 2023-2027 Capital Improvement Plan (CIP), subject to available funding.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

BP 3060 Contracts and Procurement
AR 3061.07 Piggyback Procurements

SUMMARY OF ISSUE

Virtualized servers perform or support most of the District’s daily operations. A portion of the District’s server infrastructure will no longer support the newest version of virtualization software and requires replacement.

BACKGROUND/DISCUSSION

The District utilizes clusters of servers to run hundreds of software applications essential for daily District operations. Virtualization software on the server enables multiple operating systems and software applications to run securely on a single physical machine.

The District must upgrade its existing virtualization software to continue receiving vendor support and security updates essential for continued reliability and performance. Thirty of the District’s existing servers do not meet the minimum requirements to run the software upgrade and must be replaced.

The project scope replaces the 30 existing servers and provides five years of next-day onsite hardware support. EID staff will install the new servers and virtualization software. Staff anticipate the project will take about six months to fully implement.

The proposed equipment purchase with CDW-G piggybacks competitively negotiated contracts solicited and awarded by another public agency to ensure the lowest costs while reducing staff time and effort related to procurement. The proposed piggyback contract is the Sourcewell

agreement. Sourcewell is a State of Minnesota government unit and service cooperative that facilitates a competitive public solicitation and contract award process to benefit over 50,000 government, education and nonprofit organizations in the United States and Canada.

CDW-G (equipment and support)	\$313,066
Capitalized Labor (staff time)	\$33,000
Contingency (5%)	\$17,000
Total Funding Request	\$363,066

FUNDING

The 2023-2027 CIP includes funding for this project, with planned 2023 expenditures of \$400,000. The funding source is 60% water rates and 40% wastewater rates.

BOARD OPTIONS

Option 1: Award a contract to CDW-G in the not-to-exceed amount of \$313,066 for the purchase of server equipment and authorize additional funding of \$33,000 for capitalized labor and \$17,000 in contingency for a total funding request of \$363,066 for the Enterprise Server Replacement Project, Project No. 23024.01.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

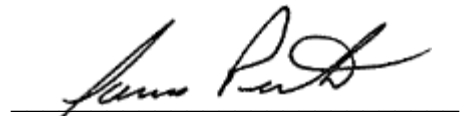
RECOMMENDATION

Option 1

ATTACHMENTS

Attachment A: CDW-G server quote

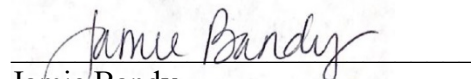
Attachment B: CIP summary



James Proctor
Information Technology Analyst II



Tim Ranstrom
Information Technology Director


Jess Leanos
Electrical and Process Control Supervisor


Dan Corcoran
Operations Director


Jamie Bandy
Finance Director


Brian Poulsen
General Counsel

 for
Jim Abercrombie
General Manager



Thank you for choosing CDW. We have received your quote.

Hardware Software Services IT Solutions Brands Research Hub

Review and Complete Purchase

JAMES PROCTOR,

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

Convert Quote to Order

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NKXS010	6/16/2023	DELL SERVER REFRESH	8608998	\$313,065.63

IMPORTANT - PLEASE READ

Special Instructions: ***PRICING EXPIRES 7/28/23***

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
DELL CTO PE R450 2X4310 128GB PS Mfg. Part#: 3000155730162 Contract: Sourcwell 081419-CDW Tech Catalog (081419#CDW)	20	7495769	\$7,016.27	\$140,325.40
DELL CTO PE R450 2X4310 32GB PS Mfg. Part#: 3000155730161 Contract: Sourcwell 081419-CDW Tech Catalog (081419#CDW)	4	7495767	\$5,800.88	\$23,203.52
DELL CTO PE R750 2X6326 768GB PS Mfg. Part#: 3000156585393 Contract: Sourcwell 081419-CDW Tech Catalog (081419#CDW)	6	7512588	\$20,265.50	\$121,593.00
Intel SFP+ Transceiver Module Mfg. Part#: E10GSFPSR UNSPSC: 43201553 Contract: Sourcwell 081419-CDW Tech Catalog (081419#CDW)	45	1957390	\$90.76	\$4,084.20

SUBTOTAL	\$289,206.12
SHIPPING	\$0.00
SALES TAX	\$23,859.51
GRAND TOTAL	\$313,065.63

PURCHASER BILLING INFO

DELIVER TO

Billing Address:

EL DORADO IRRIGATION DISTRICT
INFORMATION
2890 MOSQUITO RD BLDG P-6
PLACERVILLE, CA 95667-4761
Phone: (530) 642-4075

Payment Terms: D&B Inst Credit Pre-Approved

Shipping Address:

EL DORADO IRRIGATION DISTRICT
INFORMATION
2890 MOSQUITO RD BLDG P-6
PLACERVILLE, CA 95667-4761
Phone: (530) 642-4075

Shipping Method: UPS Ground (2-3 days)

Please remit payments to:

CDW Government
75 Remittance Drive
Suite 1515
Chicago, IL 60675-1515



Sales Contact Info

Jon Cacioppo | (877) 603-6330 | joncac@cdwg.com

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For more information, contact a CDW account manager

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2023

CAPITAL IMPROVEMENT PLAN

Program:

General District

Project Number: PLANNED
Project Name: IT Network Infrastructure Replacement
Project Category: Reliability & Service Level Improvements

Priority: 2 **PM:** Eberhard **Board Approval:** 11/14/22

Project Description:

Ongoing program to ensure the reliability, security, and performance of mission critical networking and data processing technologies include:
- Local & Wide Area Networks (LANs/WANs): network equipment providing connectivity to facilities, servers, workstations, and other services
- Data Processing & Storage: cloud or on premise platforms providing shared computing, data storage and backup
- Access & Identity Management: enterprise software to manage, monitor and control access to computers, software, data, and services
- Network Security Systems: equipment and software designed to monitor, detect, and respond to a variety of cyber threats

Network infrastructure technologies evolve steadily and manufacturers will typically cease new feature development 3 to 5 years after the product was initially released and usually end all support and security fixes when the product reaches about 5 to 10 years of age. The program tracks technologies in use at the District and provides modern, efficient, flexible, scalable, and secure replacement solutions before current equipment, systems, or services lose manufacturer support and/or fail with potentially catastrophic results.

Basis for Priority:

Continued use of obsolete or failing technology causes operational inefficiencies at a minimum, and quite possibly increased risk of service interruptions, regulatory fines, data breach, or worse. Network infrastructure technologies typically have Internet access which exposes them regularly to a multitude of advanced persistent cyber threats. While access to the Internet can provide tremendous benefit, outdated or unpatched computer systems or software can become compromised in a matter of minutes.

Project Financial Summary:

Funded to Date:	\$ -	Expenditures through end of year:	\$ -
Spent to Date:	\$ -	2023 - 2027 Planned Expenditures:	\$ 1,650,000
Cash flow through end of year:	\$ -	Total Project Estimate:	\$ 1,650,000
Project Balance	\$ -	Additional Funding Required	\$ 1,650,000

Description of Work	Estimated Annual Expenditures					Total
	2023	2024	2025	2026	2027	
Network Upgrades	\$ 300,000	\$ 200,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 725,000
Server, Data Processing & Storage Upgrades	\$ 400,000	\$ 175,000		\$ 100,000		\$ 675,000
Identity, Access & Security Upgrades	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
TOTAL	\$ 750,000	\$ 425,000	\$ 125,000	\$ 225,000	\$ 125,000	\$ 1,650,000

Estimated Funding Sources	Percentage	2023	Amount
Water Rates	60%		\$450,000
Wastewater Rates	40%		\$300,000
Total	100%		\$750,000

Funding Comments:

Enterprise Server Replacement Project

July 24, 2023

Previous Board Actions

- May 23, 2016 – Authorized funding of \$458,370 to replace eight computer systems hosting District supervisory control and data acquisition (SCADA) software applications.
- October 23, 2017 – Awarded a contract to CDW-G in the not-to-exceed amount of \$393,000 and Dell in the not-to-exceed amount of \$144,000 for the replacement of data center computer equipment; and authorized project funding of \$550,000 for the Data Center Computer Replacement Project, Project No. 17043.01
- November 14, 2022 – Board adopted the 2023-2027 Capital Improvement Plan (CIP), subject to available funding.

Summary of Issue

- Virtualized servers perform or support most of the District's daily operations
- A portion of the District's existing servers do not meet the minimum requirements to run the newest software version and must be replaced

Background

- Staff uses hundreds of software applications for daily operations
- Clusters of servers host the software applications
- Virtualization enables multiple operating systems and applications to run securely on a single physical machine

Discussion

- Existing server virtualization software must be upgraded
- 30 servers do not meet software upgrade requirements

Procurement

- Piggyback State of Minnesota Sourcewell contract
 - Piggyback purchases ensure low costs
 - Reduces procurement effort
- Purchase includes five years of hardware support
 - Onsite next business day repairs
 - Provides long-term manufacturer support

Funding

CDW-G (equipment and support)	\$313,066
Capitalized Labor	\$33,000
Contingency (5%)	\$17,000
Total Funding Request	\$363,066

- Within the currently approved 2023-2027 CIP
 - Planned 2023 expenditures of \$400,000
 - Funding source is 60% water and 40% wastewater rates

Board Options

- **Option 1:** Award a contract to CDW-G in the not-to-exceed amount of \$313,066 for the purchase of server equipment and authorize additional funding of \$33,000 for capitalized labor and \$17,000 in contingency for a total funding request of \$363,066 for the Enterprise Server Replacement Project, Project No. 23024.01.
- **Option 2:** Take other action as directed by the Board.
- **Option 3:** Take no action.

Recommendation

Option 1

Questions?

EL DORADO IRRIGATION DISTRICT

SUBJECT: Consider awarding a contract to Syblon Reid Contractors in the not-to-exceed amount of \$1,117,000 for construction of the Echo Conduit Emergency Replacement Project and authorize additional funding of \$75,000 for engineering services, and \$120,000 in project contingency for a total funding request of \$1,312,000 for the Echo Conduit Emergency Replacement Project, Project No. 23026.01, which staff has determined is exempt from the California Environmental Quality Act.

PREVIOUS BOARD ACTION

January 23, 2023 – Board adopted Resolution No. 2023-006 declaring an emergency regarding storm-related damages and delegated, authorized, and directed the District General Manager to take all further actions necessary to respond to the emergency declared therein.

BOARD POLICIES (BP), ADMINISTRATIVE REGULATIONS (AR) AND BOARD AUTHORITY

BP 3060 Contracts and Procurement

BP 8010 Hydroelectric System Management

AR 3061.05 Solicitation of Bids and Proposals

Public Resources Code section 21080(b) and California Environmental Quality Act (“CEQA”) Guidelines section 15269

SUMMARY OF ISSUE

The storm events from December 2022 through March 2023 resulted in accumulations of over twelve feet of dense snow on top of District facilities located at Echo Summit, including the Echo Conduit. This volume and weight of snow caused approximately 400 feet of the Echo Conduit to collapse and destabilize about 200 feet of the elevated section of the conduit. The elevated portion of Echo Conduit is located above U.S. Highway 50 and presents a potential safety hazard to traffic if it is not stabilized.

The proposed emergency replacement project replaces the collapsed and elevated portions of the Echo Conduit. The project will also stabilize the conduit above U.S. Highway 50 before the upcoming winter season, allowing the District to resume normal operations while conveying water supplies from Echo Lake in Fall of 2023.

BACKGROUND/DISCUSSION

EID owns and operates the Echo Conduit as part of the Federal Energy Regulatory Commission (FERC) Project No. 184, and has water rights for consumptive and power uses from this facility. The steel conduit, originally constructed in the 1920s, originates from a concrete outlet at the south abutment of an earth and masonry dam on Lower Echo Lake’s eastern edge. Water is conveyed from the dam through the conduit, a downstream earthen canal and tunnel for approximately 0.75 miles to a discharge point located upstream of the South Fork of the American River. The District can draw up to 1,943 acre-feet from Echo Lake through this facility located at 7,500 feet in elevation, which is diverted into the El Dorado Canal for consumptive use and hydropower.

The District inspects the conduit each spring when snow levels recede, and roads become passable. Due to the extensive snowpack this past year, roads were not passable until the first week of June. The first full inspection of the conduit occurred on June 19, 2023, when District staff first documented damage from the preceding snow season. Damages noted during this inspection included areas of collapsed pipe, radial cracks in the pipe, and damaged trestles that support the elevated section of the conduit.

The conduit is unusable in its current damaged condition. Staff recommends emergency replacement of the failed portions of the conduit under a single-source time and materials construction contract. If approved, Water Works Engineers, Inc. (Water Works) will design the replacement sections under an on-call contract, and Syblon Reid Contractors (SRC) will construct the project under a single-source contract.

Single-Source Contract for Construction

Staff, accompanied by Syblon Reid Contractors (SRC), assessed the conduit's damaged portions on June 30, 2023. Following the assessment, SRC provided the District a construction estimate of \$1,117,000 to replace the damaged portions of the conduit. This amount is based on preliminary estimates for replacing up to 400 feet of 36-inch steel pipe constructed on grade and 200 lineal feet of elevated conduit. The scope of work also includes the replacement of wooden trestles supporting the elevated section with steel trestles to prevent future damage from snow loads and wildfires. Construction cost estimates will be refined as the scope of work, quantities, and design are confirmed during the project's design phase, but are not anticipated to exceed the initial cost estimate.

AR 3061.05 allows procurement of goods or services from a single source for good cause and when authorized by law. Good cause for single-sourcing may include, for example, when there is only one available source for a necessary good or service, a prospective consultant or vendor possesses unique skills and expertise necessary for a particular procurement, or emergency or extraordinary circumstances require immediate action that cannot be delayed for obtaining bids or proposals.

Emergency replacement of the conduit under a single-source contract is necessary under the circumstances. The conduit needs to be replaced to eliminate safety concerns within the proximity of U.S. Highway 50, and to stabilize the pipe prior to the upcoming winter snow season to ensure Echo Lake supplies are available to meet the District's consumptive and hydropower water supply needs. SRC has the expertise and experience necessary for this emergency replacement and has assisted the District with other emergency projects associated with the 2017 storms and the Caldor Fire.

Proceeding with the emergency replacement work now under a single-source contract allows the contractor to initiate procurement of the necessary construction materials, including the large diameter pipe, allowing the contractor to mobilize immediately after Labor Day to complete the replacement so that the District can operate the conduit this fall. The District's normal design and bidding procedures will not allow time to complete the expedited emergency replacement prior to the onset of seasonal inclement weather.

Environmental Review

Public Resources Code section 21080(b)(2) exempts from the California Environmental Quality Act (CEQA) emergency repairs to public service facilities necessary to maintain services. Additionally, CEQA Guidelines section 15269(a) exempt from CEQA "Projects to maintain, repair, restore, demolish, or replace property or facilities damaged or destroyed as a result of a

disaster in a disaster stricken area in which a state of emergency has been proclaimed by the Governor pursuant to the California Emergency Services Act, commencing with Section 8550 of the Government Code.” On March 8, 2023, the Governor issued a Proclamation of State of Emergency that added El Dorado County to the list of counties affected by storm events in 2023. The Echo Conduit Emergency Replacement Project will repair District facilities damaged as a result of these storm events. If the Board approves the proposed project, staff will file a Notice of Exemption (NOE) with the El Dorado County Clerk-Recorder’s office and post the NOE on the District’s website.

Staff will also coordinate with resource agencies, as appropriate, regarding any applicable permits and authorizations necessary to effectuate the emergency replacement.

FUNDING

The 2023-2027 Capital Improvement Plan includes no funding for this project due to the unexpected and emergency nature of the proposed replacement. Funding will come from water rates. In addition, staff has scheduled a site visit to survey the damage with our ACWA-JPIA insurance carrier on July 20, 2023, and anticipates insurance reimbursement of these costs. The funding requested for emergency replacement is summarized in the following table:

Construction Contract - SRC	\$1,117,000
Engineering services	\$75,000
Contingency (10%)	\$120,000
Total Funding Request	\$1,312,000

If approved, construction of both portions of the conduit will proceed concurrently. Construction will be scheduled to commence after Labor Day. A Notice to Proceed is needed quickly to allow time for contractor procurement and delivery of material. Construction is anticipated to be completed within approximately five weeks from the project start date.

BOARD OPTIONS

Option 1: Award a contract to Syblon Reid Contractors in the not-to-exceed amount of \$1,117,000 for construction of the Echo Conduit Emergency Replacement Project and authorize additional funding of \$75,000 for engineering services, and \$120,000 in project contingency for a total funding request of \$1,312,000 for the Echo Conduit Emergency Replacement Project, Project No. 23026.01, which staff has determined is exempt from the California Environmental Quality Act.

Option 2: Take other action as directed by the Board.

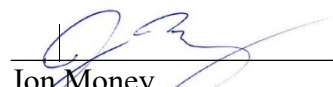
Option 3: Take no action.

RECOMMENDATION


Option 1

ATTACHMENTS

Attachment A: SRC construction cost estimate

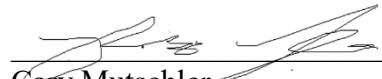


Jon Money
Senior Civil Engineer




Brian Deason
Environmental Resources Supervisor


Jess Leanos for Cary Mutschler



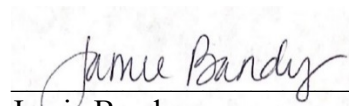
Cary Mutschler
Hydroelectric Operations Manager




Brian Mueller
Engineering Director




Dan Corcoran
Operations Director



Jamie Bandy
Finance Director



Brian Poulsen
General Counsel



for
Jim Abercrombie
General Manager



July 12, 2023

El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA 95667

Attn: Jon Money

RE: Echo lake 36" pipe replacement

Jon:

Syblon Reid is pleased to provide the following proposal for demo and replacement of the 36" Echo lake diversion pipe per our walk of the site June 30th 2023. This proposal is a rough order of magnitude based upon the following assumptions, final pricing to be negotiated based on design and permitting or T&M actual costs:

- **On grade Section approximately 400 LF - \$520,000 ROM**
 - 36" .375 wall thickness uncoated steel pipe, 21' lengths with non-restrained flex couplings
 - Welded butt strap at tie into existing pipe
 - Anticipate needing two custom angled fittings
 - Support of pipe with CIP concrete blocks 10' OC placed on grade
 - Two crane pads will be built, leveled with AB and the AB removed at the end of the project
 - Anticipated duration of 23 working days
- **Elevated Section approximately 200 LF – \$597,000 ROM**
 - 36" .375 wall thickness uncoated steel pipe, 21' lengths with non-restrained flex couplings
 - Welded butt strap at tie into existing pipe
 - Support of pipe with HDG steel frames at 10" anchored to rock
 - We have included a plug of \$180,000 for the structural steel
 - Approximate duration of 18 working days
- **Alternative for DIP - \$196,000**
 - Based on availability – currently available but not reserved

Inclusions & Clarifications:

- Weed Free cleaning of equipment
- Work to be completed between July and October 2023
- Schedule based on working Monday to Saturday 10 hours per day
- Standard Insurance Limits
- No permits included – final price will be based on permit requirements
- One mobilization for all work



Exclusions:

- Engineering
- Hazardous material handling and disposal
- Cost of permits
- Survey/layout
- Builder's Risk Insurance
- Testing and inspection
- Temporary construction fencing & site security
- Liquidated Damages
- Construction Surveying
- Bond, if required <1%

Special Conditions:

- This proposal to be included as part of any subcontract
- Payment Net 30 days, Retention Net 60 days from completion of our work

Please contact me if you have questions or need further information.

Regards,
SYBLON REID

Ryan Fox

Ryan Fox
Project Manager





PACE SUPPLY CORP
 8400 24TH AVE.
 SACRAMENTO CA 95826
 916-386-8347

Quote#	1753003
Quote Date	07/05/23
Page#	1

QUOTATION

SYBLON REID PO BOX 100 FOLSOM CA 95763-0100	24303-00	Expiration Date	08/04/23	Requested By	
	Ship To:	FOB	ORIGIN	Prepared By	Michael Kendall mkendall@pacesupply.com
		Online Quote	1753003	Salesperson	Joe Vanich jvanich@pacesupply.com
		Job Name			

WE ARE PLEASED TO QUOTE YOU ON THE FOLLOWING MATERIAL

Ln#	Part Number	Description	Price	Qty	Unit	Extended Price
1	NS00988194	>>> SEGMENT: 1 - 36" BLK .375 WALL API5LB/X42 PEB DRL PIPE	18876.60	600	CF	113259.60
2	NOTE:	THIS PRICE INCLUDES A CUT CHARGE FOR PIPE TO 20 FOOT LENGTHS				----- 113259.60
3	XXX	>>> SEGMENT: 2 - 36" ROMAC FLEX COUPLING STD HDW 10" BARREL	1822.00	30	EA	54660.00 ----- 54660.00

Subtotal	167919.60
Estimated Sales Tax	14692.97
Estimated Freight	
Total	182612.57



PACE SUPPLY CORP
 8400 24TH AVE.
 SACRAMENTO CA 95826
 916-379-5131

Quote#	1752747
Quote Date	07/05/23
Page#	1

QUOTATION

SYBLON REID 24303-00 PO BOX 100 FOLSOM CA 95763-0100 Ship To:	Expiration Date	08/04/23	Requested By	
	FOB	ORIGIN	Prepared By	Joe Vanich jvanich@pacesupply.com
	Online Quote	1752747	Salesperson	Joe Vanich jvanich@pacesupply.com
	Job Name	EIS EMERG. PIPING		

WE ARE PLEASED TO QUOTE YOU ON THE FOLLOWING MATERIAL

Ln#	Part Number	Description	Price	Qty	Unit	Extended Price
		>>> SEGMENT: 1 -				
1	XXX	36" DUCTILE IRON PIPE CL200 TJ CML/BIT COATED , NON RESTRAINED	348.63	612	EA	213361.56
2	NOTE:	THIS PIPE IS AVAIL RIGHT NOW IF NOT AVAIL AT TIME OF ORDER FIGURE 6-9 MONTHS				
2						
3	DCF1114MJ36	36 MJ 11 1/4 ELL AC CL	3361.60	2	EA	6723.20
4	DCF2212MJ36	36 MJ 22-1/2 ELL AC CL	3540.90	2	EA	7081.80
5	DCF45MJ36	36 MJ 45 ELL AC CL	4215.75	2	EA	8431.50
6	EBAMEGAACCDI36	36 DI MEGA LUG ACC SET 1136 DEC EBAA REMINDER TO PULL ACCY BOX W/GASKET & T-HEAD BOLTS & NUTS	1776.50	6	EA	10659.00
7	XXX	36" BELL JOINT RESTRAINT FOR DIP SIGMA ONE-LOK SSLDH	3028.75	33	EA	99948.75
						----- 346205.81

Subtotal	346205.81
Estimated Sales Tax	
Estimated Freight	
Total	346205.81



7512 PACIFIC AVENUE, PLEASANT GROVE, CA
95668

AARON CARRION

916-997-9231

ACarrion@maximcrane.com

Quote #789502 (7/10/2023)

Contact

THERON ARNOLD
SYBLON REID
9167658373
therona@srco.com

Job Site

ECHO SUMMIT PIPE PROJECT
9210 Echo Lakes Rd
Echo Lake, CA 95721

Dear THERON ARNOLD,

Maxim Crane Works is pleased to submit the following proposal to assist you in your upcoming Project:

O&M Rental of HYDRAULIC TRUCK CRANE 75 TONS with an anticipated Start Date of 9/11/2023 for a duration of 10 Days	
Lift Dimensions:	Boom Length: 127 ft., Jib Length: 64 ft., Load to Lift: 2,000 lbs., Radius to Lift: 130 ft.
Scope of Work:	HOISTING STEEL PIPE

Qty	Item	Notes	Unit Price	Units	Dur.	Total
EQUIPMENT COSTS						\$31,832.00
1	Crane ST	Crane & Labor	\$286.00	Hourly	80	\$22,880.00
1	Crane OT	Crane & Labor	\$353.00	Hourly	20	\$7,060.00
1	Crane DT	Crane & Labor	\$420.00	Hourly	0	
1	Crane travel	MOB UP & BACK	\$1,800.00	L.S.	0	\$1,800.00
1	Road Permit		\$92.00	L.S.	0	\$92.00
MISCELLANEOUS & ANCILLARY COSTS						\$6,585.60
1	Fuel Charge		15.00%	Percent	0	\$4,545.60
1	Operator Per Diem/Travel		\$180.00	Daily	10	\$1800.00
1	Tpp Tax Surcharge		\$2.40	Hourly	100	\$240.00

Crane is billed port to port at the above hourly rates

Assembly and disassembly is billed at the above hourly rates

Estimated Total:						\$38,417.60
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Standard Quote Notes:

- Unless otherwise stipulated in contract, all equipment and labor will have eight (8) hour minimums per day. Monthly rates are based on a twenty-eight (28) day billing cycle.
- Customer is responsible for costs associated with required onsite training.
- Equipment subject to availability at time of order; MCW reserves the right to substitute comparable size cranes.
- Payment terms are Due Upon Receipt unless stated otherwise; no retention to be withheld.
- Proposal is based on free and clear access for movement of equipment and components in and out of the job site for assembly and disassembly.
- In accordance with OSHA standards (cite: 1926.1402), customer or controlling entity is responsible for identifying all site undergrounds, including pipes, drains, water lines, etc... and is responsible to provide firm, stable area to safely operate equipment including assembly and disassembly. Ground bearing pressure can provided by MCW upon request.
- This proposal includes cost of four (4) outrigger mats for "on road" cranes (e.g. all-terrain, hydraulic truck crane, and boom truck). Additional matting for "on road" cranes and for all "off road" cranes (e.g. crawler, rough terrain, down cab, and carry deck) is available and may be quoted, separately as an additional charge (if not quoted above).
- Notwithstanding any of the foregoing, federal, state and local transaction, privilege, personal property taxes and similar taxes and surcharges are not quoted in equipment rates and such taxes and surcharges shall, if deemed applicable by Maxim, be separately-stated on Company's invoices.
- Customer is responsible to provide MCW tax exempt certificate, when applicable.
- Customer is responsible to notify MCW if job qualifies as OCIP, CCIP, or Certified Payroll prior to job start date.
- Unless otherwise stated, this proposal does not include pricing for rigging, engineering, or lift planning; a quote for these services may be provided upon request.
- Customer is responsible for certification of any lifting hardware, lugs, trunnions, associated welds, and fasteners provided, as well as the placement there of.
- Customer acknowledges that labor rates are based on current cost structure (e.g. Local Union Agreement); depending on rate anniversary (date), labor rates may be revised should the dates of the rental overlap anniversary date.
- On Bare Rentals, Customer acknowledges a Refueling Service Charge will apply in the event rental equipment is returned with less than a level of fuel provided at delivery; this charge will be based on a rate of \$12.00 per gallon; this charge is not a retail sale of fuel. Customer may avoid the Refueling Service Charge if Customer returns the Equipment with a level of fuel provided at delivery.
- On Bare Rentals, Customer acknowledges a Preventive Maintenance Charge will apply. This charge includes complete inspection of the crane/equipment and oil/lube service pursuant to manufacturer specification to be performed by Maxim Crane Service Department. Please reference "Maxim Service" section of the Bare Rental Agreement for additional information.

ALL ENGINEERING PLANS AND SPECIFICATIONS ("PLANS") PROVIDED TO CUSTOMER IN CONNECTION WITH THIS QUOTE REMAIN THE PROPERTY OF MAXIM CRANE WORKS, INCLUDING ALL COPYRIGHTS AND OTHER RIGHTS THERETO. CUSTOMER HAS NO RIGHT TO USE THE PLANS FOR ANY PURPOSE OTHER THAN TO CONSIDER LEASING THE EQUIPMENT PURSUANT TO THIS QUOTE. IF CUSTOMER DOES NOT ENTER INTO A LEASE WITH MAXIM CRANE WORKS BASED ON THIS QUOTE, THEN CUSTOMER SHALL NOT USE THE PLANS FOR ANY PURPOSE AND SHALL PROMPTLY RETURN ALL COPIES OF THE PLANS TO MAXIM CRANE WORKS. MAXIM CRANE WORKS RESERVES ALL LEGAL RIGHTS AND REMEDIES IN THE EVENT OF CUSTOMER'S UNAUTHORIZED USE OF THE PLANS.

NOTWITHSTANDING ANY AGREEMENT, PURCHASE ORDER, CHANGE ORDER OR CONTRACT IN ANY FORM, CUSTOMER SHALL NOT BE ENTITLED TO ANY ABATEMENT, DEDUCTION, REDUCTION, SET-OFF, COUNTERCLAIM, RECOUPMENT OR DEFENSE AGAINST RENT FOR ANY REASON, INCLUDING ANY NON-WORKING TIME OF THE EQUIPMENT. MAXIM CRANE WORKS, LP SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RELATING TO THE RENTAL AGREEMENT. IF THE CRANE IS DOWN DUE TO MECHANICAL ISSUES, THE DAILY RATE OF THE CRANE IS THE MAXIMUM AMOUNT OF DISCOUNT OR CREDIT TO BE APPLIED.

MAXIM'S STANDARD TERMS AND CONDITIONS (available for review at www.maximcrane.com/customers/customers-agreements or furnished upon request) ARE INCORPORATED HEREIN BY REFERENCE AND MADE A PART HEREOF. 1. Subject to equipment availability. 2. Expires in thirty (30) days. 3. Acceptance of delivery of equipment shall be deemed acceptance of Maxim's standard terms and conditions. Such terms, together with the terms set forth above, are the SOLE AND EXCLUSIVE writing governing any sale and performance by Maxim and any Maxim sale and/or performance is/are WHOLLY CONTINGENT upon such singularity and exclusivity. Any different or additional terms that may be contained in purchaser's documentation are hereby REJECTED in their entirety. Performance or Partial Performance by Maxim shall not be deemed an acceptance of any of purchaser's terms.

Thank You for giving us the opportunity to Quote your equipment needs. If you have any questions, don't hesitate to contact me.

Sincerely,

Aaron Carrion -
ACarrion@maximcrane.com
Sales Representative
Maxim Crane Works, L.P.
916-997-9231

Accepted By:

Signature above indicates agreement to all terms and conditions of this document.



Echo Conduit Emergency Replacement Project

Award of a Construction Contract
and Project Funding Request

Project No. 23026

July 24, 2023

Previous Board Actions

- January 23, 2023 – Board adopted Resolution No. 2023-006 declaring an emergency regarding storm-related damages and delegated, authorized, and directed the District General Manager to take all further actions necessary to respond to the emergency declared therein.

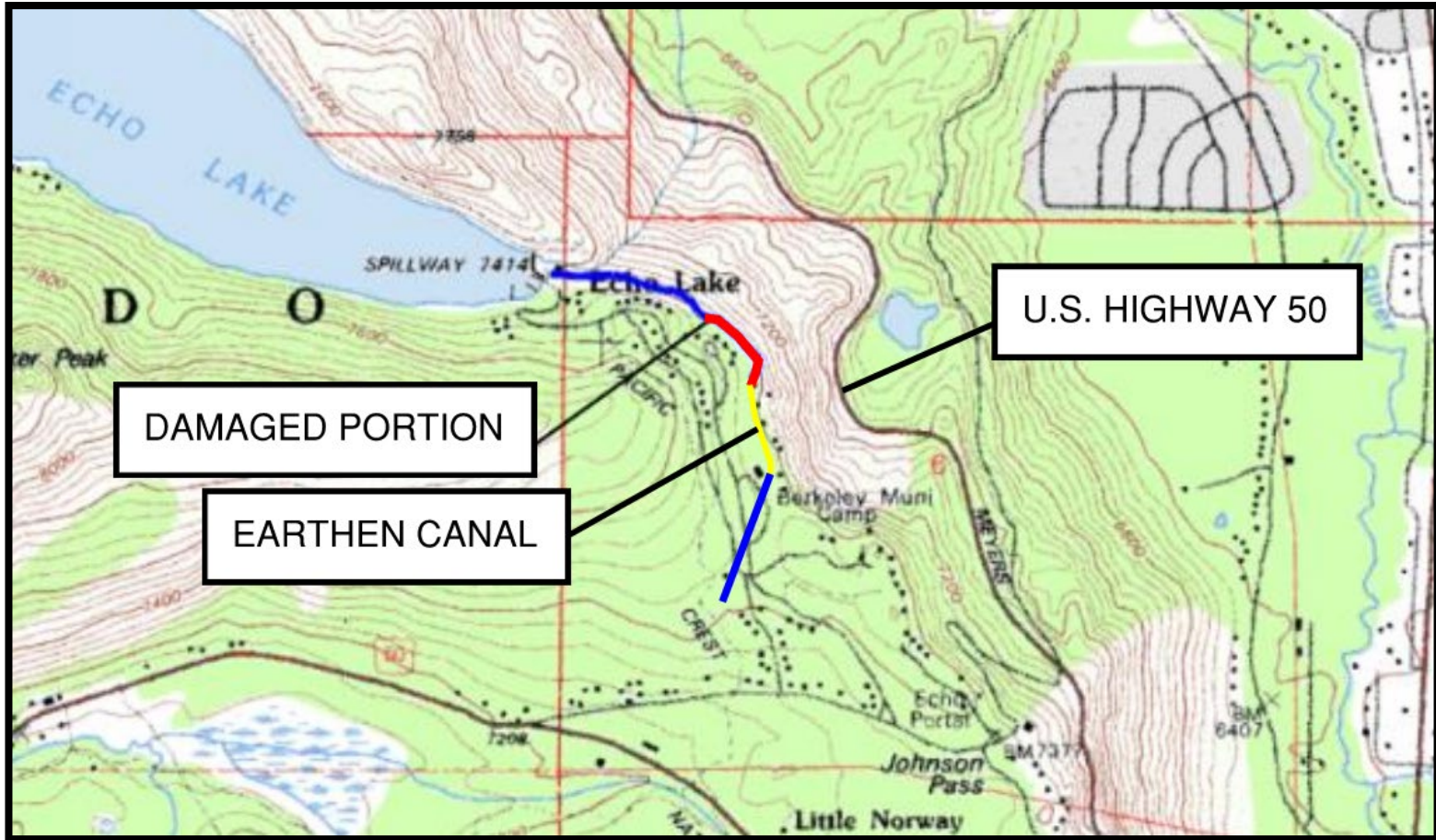
Summary of Issue

- December 2022 – March 2023 winter storms accumulated over twelve feet of dense snow at Echo Summit
- Portions of the Echo Conduit collapsed and split under the abnormal snow loads
- The elevated portion of the Echo Conduit located above U.S. Highway 50 has shifted downhill and has become unstable
- Requires immediate replacement
 - Risk of further damage next winter
 - Restore consumptive water delivery from Echo Lake

Background

- Echo Conduit is part of Federal Energy Regulatory Commission (FERC) Project No. 184
 - Initially constructed in late 1800's
 - Pipeline built in the 1920's
 - 2,290 feet of 36-inch welded steel pipe
 - 758 feet earthen channel
 - 1,040 feet slip-lined HDPE 36-inch pipe
 - Delivers up to 1,943 acre feet of water for consumptive use and hydroelectric generation from Echo Lake

Project Location



Background

- Staff inspected Echo Conduit following snowmelt in mid-June
- Due to weight of snow – 400 feet of Echo conduit collapsed or deformed
- Several radial cracks were observed in the pipe
- 200 feet of the elevated section of the conduit has become destabilized

Echo Conduit Damage



Echo Conduit Damage



Echo Conduit Damage



Echo Conduit Damage



Proposed Emergency Replacement

- Staff evaluated damages with Syblon Reid (potential contractor) and engineering consultant on June 30
- Syblon Reid provided preliminary cost estimate to replace the damaged sections this fall
- Water Works Engineering evaluated the pipeline July 5 for design services through an on-call contract

Scope of Work

- Demolish and replace
 - 400 feet of collapsed conduit
 - 200 feet of elevated conduit and support structure
 - Replace wood trestles with steel members
 - Replace wood on-grade supports with concrete
- Order of magnitude cost estimate
 - \$1,117,000
- Anticipated duration
 - 23 working days

Single-Source Construction Contract

- Safety concerns adjacent to Highway 50
- Immediate action needed that cannot be delayed to obtain bids
- Inaction risks further damage to conduit this winter
- Inability to utilize Echo Lake water supply for consumptive and hydropower until replacement is complete

Construction Contract

- Syblon Reid Contractors
 - Expertise in large diameter pipe replacement
 - Track record of similar projects, emergency situations
 - 2017 Storm damage, Caldor Fire reconstruction
- Time-and-materials construction contract, not-to-exceed \$1,117,000
 - Preliminary estimate
- Schedule
 - Procurement and delivery of pipe – August
 - Begin construction after Labor Day
 - Complete October 2023

Environmental Review

- Project is exempt from the California Environmental Quality Act (CEQA)
 - Emergency repairs to public service facilities necessary to maintain services.
 - Specific actions necessary to prevent or mitigate an emergency.
 - The Board’s adoption of Resolution 2023-006 recognized these provisions and staff will file a Notice of Exemption with the El Dorado County Clerk-Recorder’s Office.
- Staff continues to coordinate with resource agencies, as appropriate, regarding any applicable permits and authorizations necessary to effectuate the emergency replacement.

Project Funding

Requested Funding

	Amount
Syblon Reid Contractors	\$1,117,000
Engineering Services	\$75,000
Contingency	\$120,000
Total Funding Request	\$1,312,000

Cost Recovery

- July 20 site visit to review damages with ACWA JPIA and pursue insurance claim for incurred costs

Board Options

- **Option 1:**
Award a contract to Syblon Reid Contractors in the not-to-exceed amount of \$1,117,000 for construction of the Echo Conduit Emergency Repairs Project, and authorize additional funding of \$75,000 for engineering services, and \$120,000 in project contingency for a total funding request of \$1,312,000 for the Echo Conduit Emergency Replacement Project, Project No. 23026.1, which staff has determined is exempt from the California Environmental Quality Act.
- **Option 2:**
Take other action as directed by the Board
- **Option 3:**
Take no action

Recommendation

- **Option 1**

Questions/Comments?
