Hidden Valley Lake Community Services District
Finance Committee Meeting
October 11, 2022 – 12:30 p.m.
19400 Hartmann Road, Hidden Valley Lake, Ca.

Attend in Person or Join by Teleconference

To join the meeting by Teleconference, go to www.hvlcsd.org select the October 11, 2022, Finance Committee Meeting and select Join Remote Meeting

Meetings are recorded for live streaming and broadcasting purposes.

1) **CALL TO ORDER**

2) **PLEDGE OF ALLEGIANCE**

3) **ROLL CALL**

4) **APPROVAL OF AGENDA**

5) **DISCUSSION AND POSSIBLE RECOMMENDATION:** Monthly Financials

6) **DISCUSSION AND POSSIBLE RECOMMENDATION:** Projects Update

7) **DISCUSSION AND POSSIBLE RECOMMENDATION:** Adopt Resolution 2022-10 Award of Contract to Bennett Engineering for the Planning, Engineering and Design for the DSIRC Project

8) **PUBLIC COMMENT**

9) **COMMITTEE MEMBER COMMENT**

10) **ADJOURN**

Public records are available upon request. Board Packets are posted on our website at www.hvlcsd.org/meetings . In compliance to the Americans with Disabilities Act, if you need special accommodations to participate in or attend the meeting, please contact the District Office at 987-9201 at least 48 hours prior to the scheduled meeting.

Members of the public shall be given the opportunity to comment on each agenda item before the Governing Board acts on that item, G.C. 54953.3. All other comments will be taken under Public Comment.

VENDOR SET: 01 Hidden Valley Lake D I S B U R S E M E N T R E P O R T BANK: ALL
VENDOR CLASS(ES): ALL CLASSES
REPORTING FUND NO#: 120 SEWER ENTERPRISE FUN SORTED BY FUND

VENDOR	NAME	NO# INVOICES	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-11	STATE OF CALIFORNIA EDD			N		FUND TOTAL FOR VENDOR	3,134.42
01-1392	MEDIACOM			N		FUND TOTAL FOR VENDOR	267.11
01-1579	SOUTH LAKE REFUSE & RECYC			N		FUND TOTAL FOR VENDOR	277.75
01-1705	SPECIAL DISTRICT RISK MAN			N		FUND TOTAL FOR VENDOR	19,243.33
01-1722	US DEPARTMENT OF THE TREA			N		FUND TOTAL FOR VENDOR	6,956.89
01-1751	USA BLUE BOOK			N		FUND TOTAL FOR VENDOR	3,987.93
01-1961	ACWA/JPIA			N		FUND TOTAL FOR VENDOR	548.24
01-21	CALIFORNIA PUBLIC EMPLOYE			N		FUND TOTAL FOR VENDOR	6,444.24
01-2111	DATAPROSE, LLC			N		FUND TOTAL FOR VENDOR	1,092.71
01-2283	ARMED FORCE PEST CONTROL,			N		FUND TOTAL FOR VENDOR	1,367.50
01-2538	HARDESTER'S MARKETS & HAR			N		FUND TOTAL FOR VENDOR	491.48
01-2585	TYLER TECHNOLOGY			N		FUND TOTAL FOR VENDOR	11,842.16
01-2598	VERIZON WIRELESS			N		FUND TOTAL FOR VENDOR	616.71
01-2636	ACTION SANITARY, INC.			N		FUND TOTAL FOR VENDOR	90.80
01-2648	B & G TIRES OF MIDDLETOWN			N		FUND TOTAL FOR VENDOR	525.17
01-2699	MICHELLE HAMILTON			N		FUND TOTAL FOR VENDOR	1,638.00
01-2744	ADVENTIST HEALTH ST HELEN			N		FUND TOTAL FOR VENDOR	241.06
01-2749	NAPA AUTO PARTS			N		FUND TOTAL FOR VENDOR	121.49
01-2788	GHD			N		FUND TOTAL FOR VENDOR	3,489.39
01-2815	Asbury Environmental Serv			N		FUND TOTAL FOR VENDOR	180.00
01-2816	CARDMEMBER SERVICE			N		FUND TOTAL FOR VENDOR	4,040.23
01-2820	ALPHA ANALYTICAL LABORATO			N		FUND TOTAL FOR VENDOR	4,835.75
01-2823	GARDENS BY JILLIAN			N		FUND TOTAL FOR VENDOR	100.00
01-2825	NATIONWIDE RETIREMENT SOL			N		FUND TOTAL FOR VENDOR	1,450.00
01-2842	COASTLAND CIVIL ENGINEERI			N		FUND TOTAL FOR VENDOR	3,287.50
01-2876	BOLD POLISNER MADDOW NELS			N		FUND TOTAL FOR VENDOR	1,478.75
01-2880	MIDDLETOWN COPY & PRINT			N		FUND TOTAL FOR VENDOR	104.57

VENDOR SET: 01 Hidden Valley Lake D I S B U R S E M E N T R E P O R T BANK: ALL
VENDOR CLASS(ES): ALL CLASSES
REPORTING FUND NO#: 120 SEWER ENTERPRISE FUN SORTED BY FUND

VENDOR	NAME	NO# INVOICES	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-2885	RGW GROUNDSKEEPING, LLC			N		FUND TOTAL FOR VENDOR	100.00
01-2892	PENNY CUADRAS			N		FUND TOTAL FOR VENDOR	64.38
01-2909	STREAMLINE			N		FUND TOTAL FOR VENDOR	100.00
01-2914	RAY MORGAN COMPANY			N		FUND TOTAL FOR VENDOR	159.66
01-2917	AT&T MOBILITY			N		FUND TOTAL FOR VENDOR	90.10
01-2922	AMAZON CAPITAL SERVICES,			N		FUND TOTAL FOR VENDOR	6.43
01-2926	THATCHER COMPANY, INC.			N		FUND TOTAL FOR VENDOR	3,004.13
01-2945	APPLIED TECHNOLOGY SOLUTI			N		FUND TOTAL FOR VENDOR	1,459.13
01-2950	AFLAC			N		FUND TOTAL FOR VENDOR	107.94
01-2951	JENFITCH, LLC			N		FUND TOTAL FOR VENDOR	3,985.00
01-2990	REDWOOD COAST FUELS			N		FUND TOTAL FOR VENDOR	1,836.52
01-2992	BACKGROUNDS ONLINE			N		FUND TOTAL FOR VENDOR	13.00
01-3016	SOCIETY FOR HUMAN RESOURC			N		FUND TOTAL FOR VENDOR	114.50
01-3022	WELLS FARGO FINANCIAL LEA			N		FUND TOTAL FOR VENDOR	378.77
01-3023	JL MECHANICAL			N		FUND TOTAL FOR VENDOR	3,440.59
01-3050	ALESHIRE & WYNDER, LLP			N		FUND TOTAL FOR VENDOR	2,927.50
01-3051	DEMARCO DESIGN			N		FUND TOTAL FOR VENDOR	97.50
01-3061	ODP BUSINESS SOLUTIONS, L			N		FUND TOTAL FOR VENDOR	44.86
01-3068	WILLETTA CALLAGHAN			N		FUND TOTAL FOR VENDOR	71.87
01-3069	OGRAM'S LOCKSMITH			N		FUND TOTAL FOR VENDOR	80.00
01-3071	BARTKIEWICZ, KRONICK & SH			N		FUND TOTAL FOR VENDOR	787.50
01-8	AT&T			N		FUND TOTAL FOR VENDOR	148.90
01-9	PACIFIC GAS & ELECTRIC CO			N		FUND TOTAL FOR VENDOR	6,274.41
01-981	U S POSTMASTER			N		FUND TOTAL FOR VENDOR	120.00
	*** FUND TOTALS ***						103,265.87

VENDOR SET: 01 Hidden Valley Lake D I S B U R S E M E N T R E P O R T BANK: ALL
VENDOR CLASS(ES): ALL CLASSES
REPORTING FUND NO#: 130 WATER ENTERPRISE FUN SORTED BY FUND

VENDOR	NAME	NO# INVOICES	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-1	MISCELLANEOUS VENDOR			N		FUND TOTAL FOR VENDOR	2,298.37
01-11	STATE OF CALIFORNIA EDD			N		FUND TOTAL FOR VENDOR	3,084.95
01-111	JAMES DAY CONSTRUCTION, I			N		FUND TOTAL FOR VENDOR	321.00
01-1392	MEDIACOM			N		FUND TOTAL FOR VENDOR	267.11
01-1579	SOUTH LAKE REFUSE & RECYC			N		FUND TOTAL FOR VENDOR	277.74
01-1659	WAGNER & BONSIGNORE CCE			N		FUND TOTAL FOR VENDOR	236.25
01-1705	SPECIAL DISTRICT RISK MAN			N		FUND TOTAL FOR VENDOR	19,243.33
01-1722	US DEPARTMENT OF THE TREA			N		FUND TOTAL FOR VENDOR	6,840.40
01-1751	USA BLUE BOOK			N		FUND TOTAL FOR VENDOR	2,992.70
01-1961	ACWA/JPIA			N		FUND TOTAL FOR VENDOR	548.24
01-21	CALIFORNIA PUBLIC EMPLOYE			N		FUND TOTAL FOR VENDOR	6,290.93
01-2111	DATAPROSE, LLC			N		FUND TOTAL FOR VENDOR	1,092.69
01-2283	ARMED FORCE PEST CONTROL,			N		FUND TOTAL FOR VENDOR	1,367.50
01-2538	HARDESTER'S MARKETS & HAR			N		FUND TOTAL FOR VENDOR	153.37
01-2585	TYLER TECHNOLOGY			N		FUND TOTAL FOR VENDOR	11,842.15
01-2598	VERIZON WIRELESS			N		FUND TOTAL FOR VENDOR	616.70
01-2636	ACTION SANITARY, INC.			N		FUND TOTAL FOR VENDOR	90.80
01-2648	B & G TIRES OF MIDDLETOWN			N		FUND TOTAL FOR VENDOR	525.17
01-2699	MICHELLE HAMILTON			N		FUND TOTAL FOR VENDOR	569.00
01-2702	PACE SUPPLY CORP			N		FUND TOTAL FOR VENDOR	3,453.86
01-2744	ADVENTIST HEALTH ST HELEN			N		FUND TOTAL FOR VENDOR	241.06
01-2749	NAPA AUTO PARTS			N		FUND TOTAL FOR VENDOR	121.49
01-2815	Asbury Environmental Serv			N		FUND TOTAL FOR VENDOR	180.00
01-2816	CARDMEMBER SERVICE			N		FUND TOTAL FOR VENDOR	3,361.92
01-2820	ALPHA ANALYTICAL LABORATO			N		FUND TOTAL FOR VENDOR	750.00
01-2823	GARDENS BY JILLIAN			N		FUND TOTAL FOR VENDOR	100.00
01-2825	NATIONWIDE RETIREMENT SOL			N		FUND TOTAL FOR VENDOR	1,450.00

VENDOR	NAME	NO# INVOICES	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-2842	COASTLAND CIVIL ENGINEERI			N		FUND TOTAL FOR VENDOR	370.00
01-2876	BOLD POLISNER MADDOW NELS			N		FUND TOTAL FOR VENDOR	1,478.75
01-2878	BADGER METER			N		FUND TOTAL FOR VENDOR	1,183.70
01-2880	MIDDLETOWN COPY & PRINT			N		FUND TOTAL FOR VENDOR	420.96
01-2885	RGW GROUNDSKEEPING, LLC			N		FUND TOTAL FOR VENDOR	100.00
01-2892	PENNY CUADRAS			N		FUND TOTAL FOR VENDOR	64.38
01-2909	STREAMLINE			N		FUND TOTAL FOR VENDOR	100.00
01-2914	RAY MORGAN COMPANY			N		FUND TOTAL FOR VENDOR	159.66
01-2917	AT&T MOBILITY			N		FUND TOTAL FOR VENDOR	90.10
01-2922	AMAZON CAPITAL SERVICES,			N		FUND TOTAL FOR VENDOR	6.42
01-2945	APPLIED TECHNOLOGY SOLUTI			N		FUND TOTAL FOR VENDOR	1,459.13
01-2950	AFLAC			N		FUND TOTAL FOR VENDOR	107.94
01-2990	REDWOOD COAST FUELS			N		FUND TOTAL FOR VENDOR	1,836.50
01-2992	BACKGROUNDS ONLINE			N		FUND TOTAL FOR VENDOR	13.00
01-3016	SOCIETY FOR HUMAN RESOURC			N		FUND TOTAL FOR VENDOR	114.50
01-3022	WELLS FARGO FINANCIAL LEA			N		FUND TOTAL FOR VENDOR	378.77
01-3023	JL MECHANICAL			N		FUND TOTAL FOR VENDOR	3,440.58
01-3050	ALESHIRE & WYNDER, LLP			N		FUND TOTAL FOR VENDOR	2,927.50
01-3051	DEMARCO DESIGN			N		FUND TOTAL FOR VENDOR	97.50
01-3055	LAW OFFICE OF PETER KIEL			N		FUND TOTAL FOR VENDOR	600.00
01-3061	ODP BUSINESS SOLUTIONS, L			N		FUND TOTAL FOR VENDOR	44.86
01-3068	WILLETTA CALLAGHAN			N		FUND TOTAL FOR VENDOR	71.88
01-3069	OGRAM'S LOCKSMITH			N		FUND TOTAL FOR VENDOR	80.00
01-3071	BARTKIEWICZ, KRONICK & SH			N		FUND TOTAL FOR VENDOR	787.50
01-8	AT&T			N		FUND TOTAL FOR VENDOR	148.90
01-9	PACIFIC GAS & ELECTRIC CO			N		FUND TOTAL FOR VENDOR	20,328.40
01-981	U S POSTMASTER			N		FUND TOTAL FOR VENDOR	120.00

VENDOR SET: 01 Hidden Valley Lake D I S B U R S E M E N T R E P O R T BANK: ALL

VENDOR CLASS(ES): ALL CLASSES

REPORTING FUND NO#: 140 FLOOD ENTERPRISE FUN SORTED BY FUND

VENDOR	NAME	NO# INVOICES	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-9	PACIFIC GAS & ELECTRIC CO			N		FUND TOTAL FOR VENDOR	107.94
	*** FUND TOTALS ***						107.94

VENDOR SET: 01 Hidden Valley Lake D I S B U R S E M E N T R E P O R T BANK: ALL
VENDOR CLASS(ES): ALL CLASSES
REPORTING FUND NO#: 215 RECA REDEMPTION 1995 SORTED BY FUND

VENDOR	NAME	NO# INVOICES	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-19	NBS GOVERNMENT FINANCE GR			N		FUND TOTAL FOR VENDOR	1,900.16
	*** FUND TOTALS ***						1,900.16
	*** REPORT TOTALS ***		210,121.63				210,121.63

G / L EXPENSE DISTRIBUTION

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
120 2075	AFLAC	107.94
120 2088	SURVIVOR BENEFITS - PERS	13.94
120 2090	PERS PAYABLE	2,809.96
120 2091	FIT PAYABLE	4,896.07
120 2092	CIT PAYABLE	2,309.58
120 2093	SOCIAL SECURITY PAYABLE	15.50
120 2094	MEDICARE PAYABLE	1,014.81
120 2095	S D I PAYABLE	769.86
120 2099	DEFERRED COMP - 457 PLAN	1,450.00
120 5-00-5025	RETIREE HEALTH BENEFITS	1,343.12
120 5-00-5060	GASOLINE, OIL & FUEL	2,016.52
120 5-00-5061	VEHICLE MAINT	4,315.76
120 5-00-5080	MEMBERSHIP & SUBSCRIPTIONS	214.50
120 5-00-5092	POSTAGE & SHIPPING	728.40
120 5-00-5121	LEGAL SERVICES	5,193.75
120 5-00-5122	ENGINEERING SERVICES	3,489.39
120 5-00-5123	OTHER PROFESSIONAL SERVICES	13.00
120 5-00-5130	PRINTING & PUBLICATION	572.11
120 5-00-5135	NEWSLETTER	97.50
120 5-00-5145	EQUIPMENT RENTAL	1,011.47
120 5-00-5148	OPERATING SUPPLIES	6,989.13
120 5-00-5150	REPAIR & REPLACE	4,755.87
120 5-00-5155	MAINT BLDG & GROUNDS	1,602.56
120 5-00-5156	CUSTODIAL SERVICES	1,638.00
120 5-00-5191	TELEPHONE	1,122.82
120 5-00-5192	ELECTRICITY	6,274.41
120 5-00-5193	OTHER UTILITIES	277.75
120 5-00-5194	IT SERVICES	12,522.91
120 5-00-5195	ENV/MONITORING	4,835.75

G/L EXPENSE DISTRIBUTION

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
120 5-00-5311	EQUIPMENT - OFFICE	778.38
120 5-00-5315	SAFETY EQUIPMENT	1,234.59
120 5-10-5010	SALARIES & WAGES	467.82
120 5-10-5020	EMPLOYEE BENEFITS	5,475.53
120 5-10-5021	RETIREMENT BENEFITS	1,917.80
120 5-10-5090	OFFICE SUPPLIES	59.87
120 5-10-5170	TRAVEL MILEAGE	136.25
120 5-10-5175	EDUCATION / SEMINARS	402.50
120 5-10-5179	ADM MISC EXPENSES	5.35
120 5-30-5010	SALARIES & WAGES	543.54
120 5-30-5020	EMPLOYEE BENEFITS	12,103.98
120 5-30-5021	RETIREMENT BENEFITS	1,702.54
120 5-30-5090	OFFICE SUPPLIES	40.22
120 5-30-5175	EDUCATION / SEMINARS	700.00
120 5-40-5010	DIRECTORS COMPENSATION	19.15
120 5-40-5020	DIRECTOR BENEFITS	6.75
120 5-40-5030	DIRECTOR HEALTH BENEFITS	1,981.72
120 5-70-7201	REGULATORY COMPLIANCE	3,287.50
	** FUND TOTAL **	103,265.87
130 1052	ACCTS REC WATER USE	2,298.37
130 2075	AFLAC	107.94
130 2088	SURVIVOR BENEFITS - PERS	13.96
130 2090	PERS PAYABLE	2,756.81
130 2091	FIT PAYABLE	4,919.22
130 2092	CIT PAYABLE	2,312.99
130 2093	SOCIAL SECURITY PAYABLE	15.50
130 2094	MEDICARE PAYABLE	945.19
130 2095	S D I PAYABLE	717.02
130 2099	DEFERRED COMP - PLAN 457 PAYAB	1,450.00
130 5-00-5025	RETIREE HEALTH BENEFITS	1,343.12
130 5-00-5060	GASOLINE, OIL & FUEL	2,016.50
130 5-00-5061	VEHICLE MAINT	4,315.75
130 5-00-5080	MEMBERSHIP & SUBSCRIPTIONS	214.50
130 5-00-5092	POSTAGE & SHIPPING	728.40
130 5-00-5121	LEGAL SERVICES	5,193.75
130 5-00-5123	OTHER PROFESSIONAL SERVICES	249.25
130 5-00-5124	WATER RIGHTS	600.00
130 5-00-5130	PRINTING & PUBLICATION	572.09
130 5-00-5135	NEWSLETTER	97.50
130 5-00-5145	EQUIPMENT RENTAL	629.23
130 5-00-5150	REPAIR & REPLACE	7,579.58
130 5-00-5155	MAINT BLDG & GROUNDS	1,602.55
130 5-00-5156	CUSTODIAL SERVICES	569.00
130 5-00-5191	TELEPHONE	1,122.81
130 5-00-5192	ELECTRICITY	20,328.40
130 5-00-5193	OTHER UTILITIES	277.74

VENDOR SET: 01 Hidden Valley Lake D I S B U R S E M E N T R E P O R T BANK: ALL
VENDOR CLASS(ES): ALL CLASSES
REPORTING FUND NO#: 215 RECA REDEMPTION 1995 SORTED BY FUND

G/L EXPENSE DISTRIBUTION

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
130 5-00-5194	IT SERVICES	13,706.60
130 5-00-5195	ENV/MONITORING	750.00
130 5-00-5311	EQUIPMENT - OFFICE	778.38
130 5-00-5315	SAFETY EQUIPMENT	1,234.59
130 5-10-5010	SALARIES & WAGES	467.75
130 5-10-5020	EMPLOYEE BENEFITS	5,475.53
130 5-10-5021	RETIREMENT BENEFITS	1,917.73
130 5-10-5090	OFFICE SUPPLIES	59.85
130 5-10-5170	TRAVEL MILEAGE	136.26
130 5-10-5175	EDUCATION / SEMINARS	402.50
130 5-10-5179	ADM MISC EXPENSES	5.35
130 5-30-5010	SALARIES & WAGES	473.64
130 5-30-5020	EMPLOYEE BENEFITS	12,103.88
130 5-30-5021	RETIREMENT BENEFITS	1,602.43
130 5-30-5090	OFFICE SUPPLIES	356.60
130 5-40-5010	DIRECTORS COMPENSATION	19.10
130 5-40-5020	DIRECTOR BENEFTIS	6.75
130 5-40-5030	DIRECTOR HEALTH BENEFITS	1,981.72
130 5-70-7202	DISASTER MITIGATION	370.00
130 5-70-7204	RELIABLE WATER SUPPLY	21.83
	** FUND TOTAL **	104,847.66
140 5-00-5192	ELECTRICITY	107.94
	** FUND TOTAL **	107.94
215 5-00-5123	OTHER PROFESSIONAL SERVICES	1,900.16
	** FUND TOTAL **	1,900.16
	** TOTAL **	210,121.63

NO ERRORS

SELECTION CRITERIA

VENDOR SET: 01 Hidden Valley Lake
VENDOR: ALL
BANK: ALL
VENDOR CLASS(ES): ALL CLASSES

TRANSACTION SELECTION

REPORTING: PAID ITEMS ,G/L DIST

	======PAYMENT DATES=======	=======ITEM DATES=========	======POSTING DATES=======
PAID ITEMS DATES :	9/01/2022 THRU 9/30/2022	0/00/0000 THRU 99/99/9999	0/00/0000 THRU 99/99/9999

PRINT OPTIONS

REPORT SEQUENCE: FUND
G/L EXPENSE DISTRIBUTION: YES
CHECK RANGE: 000000 THRU 999999

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

FINANCIAL SUMMARY

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
REVENUE SUMMARY					
ALL REVENUE	2,110,648.00	189,079.94	599,608.38	1,511,039.62	28.41
TOTAL REVENUES	2,110,648.00	189,079.94	599,608.38	1,511,039.62	28.41
EXPENDITURE SUMMARY					
NON-DEPARTMENTAL	973,522.00	62,426.12	334,661.64	638,860.36	34.38
ADMINISTRATION	445,633.00	40,726.19	154,436.28	291,196.72	34.66
FIELD	479,227.00	52,572.84	156,657.76	322,569.24	32.69
DIRECTORS	34,159.00	2,158.54	6,616.98	27,542.02	19.37
CAPITAL PROJECTS & EQUIP	532,500.00	3,287.50	3,632.50	528,867.50	0.68
TOTAL EXPENDITURES	2,465,041.00	161,171.19	656,005.16	1,809,035.84	26.61
REVENUES OVER/(UNDER) EXPENDITURES	(354,393.00)	27,908.75	(56,396.78)	(297,996.22)	15.91

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

REVENUES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-4020 INSPECTION FEES	1,000.00	0.00	100.00	900.00	10.00
120-4036 DEVELOPER FEES SEWER	0.00	0.00	0.00	0.00	0.00
120-4040 LIEN RECORDING FEES	0.00	0.00	0.00	0.00	0.00
120-4045 AVAILABILITY FEES	5,500.00	0.00	2,566.20	2,933.80	46.66
120-4050 SALES OF RECLAIMED WATER	154,542.00	16,021.72	76,664.43	77,877.57	49.61
120-4111 COMM SEWER USE	85,538.00	7,544.37	27,400.17	58,137.83	32.03
120-4112 GOV'T SEWER USE	1,200.00	109.14	327.42	872.58	27.29
120-4116 SEWER USE CHARGES	1,836,418.00	154,651.65	465,415.00	1,371,003.00	25.34
120-4210 LATE FEE	22,000.00	3,266.70	8,942.93	13,057.07	40.65
120-4300 MISC INCOME	2,500.00	3.60	3.60	2,496.40	0.14
120-4310 OTHER INCOME	1,450.00	466.99	636.11	813.89	43.87
120-4320 FEMA/CalOES GRANTS	0.00	1,969.00	1,969.00	(1,969.00)	0.00
120-4325 GRANTS	0.00	5,046.77	15,440.42	(15,440.42)	0.00
120-4505 LEASE INCOME	0.00	0.00	0.00	0.00	0.00
120-4550 INTEREST INCOME	500.00	0.00	143.10	356.90	28.62
120-4580 TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
120-4591 INCOME APPLICABLE TO PRIOR YRS	0.00	0.00	0.00	0.00	0.00
120-4955 Gain/Loss	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES	2,110,648.00	189,079.94	599,608.38	1,511,039.62	28.41

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

NON-DEPARTMENTAL

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-5-00-5010 SALARY & WAGES	0.00	0.00	0.00	0.00	0.00
120-5-00-5020 EMPLOYEE BENEFITS	0.00	0.00	1,236.84	(1,236.84)	0.00
120-5-00-5021 RETIREMENT BENEFITS	0.00	0.00	0.00	0.00	0.00
120-5-00-5024 WORKERS' COMP INSURANCE	12,000.00	0.00	10,023.65	1,976.35	83.53
120-5-00-5025 RETIREE HEALTH BENEFITS	8,452.00	671.56	2,014.66	6,437.34	23.84
120-5-00-5026 COBRA Health & Dental	0.00	0.00	0.00	0.00	0.00
120-5-00-5040 ELECTION EXPENSE	2,500.00	0.00	0.00	2,500.00	0.00
120-5-00-5050 DEPRECIATION	0.00	0.00	0.00	0.00	0.00
120-5-00-5060 GASOLINE, OIL & FUEL	30,000.00	2,016.52	4,808.07	25,191.93	16.03
120-5-00-5061 VEHICLE MAINT	26,415.00	4,315.76	8,705.82	17,709.18	32.96
120-5-00-5062 TAXES & LIC	800.00	0.00	0.00	800.00	0.00
120-5-00-5074 INSURANCE	104,000.00	0.00	104,101.25	(101.25)	100.10
120-5-00-5075 BANK FEES	30,000.00	2,072.42	6,030.45	23,969.55	20.10
120-5-00-5080 MEMBERSHIP & SUBSCRIPTIONS	11,000.00	214.50	717.73	10,282.27	6.52
120-5-00-5092 POSTAGE & SHIPPING	9,000.00	728.40	1,440.26	7,559.74	16.00
120-5-00-5110 CONTRACTUAL SERVICES	0.00	0.00	0.00	0.00	0.00
120-5-00-5121 LEGAL SERVICES	12,000.00	5,193.75	5,561.25	6,438.75	46.34
120-5-00-5122 ENGINEERING SERVICES	49,000.00	3,489.39	6,887.39	42,112.61	14.06
120-5-00-5123 OTHER PROFESSIONAL SERVICE	10,000.00	13.00	1,106.00	8,894.00	11.06
120-5-00-5126 AUDIT SERVICES	7,500.00	0.00	0.00	7,500.00	0.00
120-5-00-5130 PRINTING & PUBLICATION	6,000.00	572.11	966.34	5,033.66	16.11
120-5-00-5135 NEWSLETTER	1,000.00	97.50	97.50	902.50	9.75
120-5-00-5140 RENTS & LEASES	0.00	0.00	0.00	0.00	0.00
120-5-00-5145 EQUIPMENT RENTAL	5,000.00	1,011.47	1,373.59	3,626.41	27.47
120-5-00-5148 OPERATING SUPPLIES	50,000.00	6,989.13	16,702.39	33,297.61	33.40
120-5-00-5150 REPAIR & REPLACE	180,000.00	4,753.44	13,622.22	166,377.78	7.57
120-5-00-5155 MAINT BLDG & GROUNDS	12,000.00	1,602.56	3,207.56	8,792.44	26.73
120-5-00-5156 CUSTODIAL SERVICES	17,500.00	1,638.00	2,348.00	15,152.00	13.42
120-5-00-5157 SECURITY	1,000.00	0.00	0.00	1,000.00	0.00
120-5-00-5160 SLUDGE DISPOSAL	35,000.00	0.00	17,148.74	17,851.26	49.00
120-5-00-5165 TERTIARY POND MAINTENANCE	50,000.00	0.00	50,000.00	0.00	100.00
120-5-00-5180 UNCOLLECTABLE ACCOUNTS	0.00	0.00	0.00	0.00	0.00
120-5-00-5191 TELEPHONE	15,000.00	1,122.82	3,245.39	11,754.61	21.64
120-5-00-5192 ELECTRICITY	155,000.00	6,274.41	18,878.31	136,121.69	12.18
120-5-00-5193 OTHER UTILITIES	3,500.00	277.75	555.50	2,944.50	15.87
120-5-00-5194 IT SERVICES	35,000.00	12,522.91	14,335.41	20,664.59	40.96
120-5-00-5195 ENV/MONITORING	40,000.00	4,835.75	11,935.75	28,064.25	29.84
120-5-00-5196 RISK MANAGEMENT	0.00	0.00	0.00	0.00	0.00
120-5-00-5198 ANNUAL OPERATING FEES	7,500.00	0.00	0.00	7,500.00	0.00
120-5-00-5310 EQUIPMENT - FIELD	1,200.00	0.00	60.10	1,139.90	5.01
120-5-00-5311 EQUIPMENT - OFFICE	1,200.00	778.38	778.38	421.62	64.87
120-5-00-5312 TOOLS - FIELD	1,500.00	0.00	0.00	1,500.00	0.00
120-5-00-5315 SAFETY EQUIPMENT	3,500.00	1,234.59	1,475.59	2,024.41	42.16
120-5-00-5317 COVID-19	7,500.00	0.00	0.00	7,500.00	0.00
120-5-00-5510 SEWER OUTREACH	0.00	0.00	0.00	0.00	0.00
120-5-00-5545 RECORDING FEES	250.00	0.00	60.00	190.00	24.00
120-5-00-5580 TRANSFERS OUT	32,205.00	0.00	25,237.50	6,967.50	78.37
120-5-00-5590 NON-OPERATING OTHER	0.00	0.00	0.00	0.00	0.00
120-5-00-5591 EXPENSES APPLICABLE TO PRI	0.00	0.00	0.00	0.00	0.00

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

NON-DEPARTMENTAL

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-5-00-5595 BAD DEBT	0.00	0.00	0.00	0.00	0.00
120-5-00-5600 CONTINGENCY	0.00	0.00	0.00	0.00	0.00
120-5-00-5700 OVER / SHORT	0.00	0.00	0.00	0.00	0.00
TOTAL NON-DEPARTMENTAL	973,522.00	62,426.12	334,661.64	638,860.36	34.38

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

ADMINISTRATION

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-5-10-5010 SALARIES & WAGES	276,997.00	32,728.89	94,425.25	182,571.75	34.09
120-5-10-5020 EMPLOYEE BENEFITS	93,926.00	5,475.53	19,017.75	74,908.25	20.25
120-5-10-5021 RETIREMENT BENEFITS	59,860.00	1,917.80	39,464.57	20,395.43	65.93
120-5-10-5063 CERTIFICATIONS	500.00	0.00	0.00	500.00	0.00
120-5-10-5090 OFFICE SUPPLIES	4,000.00	59.87	564.08	3,435.92	14.10
120-5-10-5170 TRAVEL MILEAGE	5,000.00	136.25	485.35	4,514.65	9.71
120-5-10-5175 EDUCATION / SEMINARS	5,000.00	402.50	402.50	4,597.50	8.05
120-5-10-5179 ADM MISC EXPENSES	350.00	5.35	76.78	273.22	21.94
TOTAL ADMINISTRATION	445,633.00	40,726.19	154,436.28	291,196.72	34.66

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

FIELD

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-5-30-5010 SALARIES & WAGES	288,701.00	38,026.10	86,721.10	201,979.90	30.04
120-5-30-5020 EMPLOYEE BENEFITS	122,616.00	12,103.98	29,653.26	92,962.74	24.18
120-5-30-5021 RETIREMENT BENEFITS	57,910.00	1,702.54	38,011.65	19,898.35	65.64
120-5-30-5022 CLOTHING ALLOWANCE	2,500.00	0.00	125.99	2,374.01	5.04
120-5-30-5063 CERTIFICATIONS	1,500.00	0.00	155.00	1,345.00	10.33
120-5-30-5090 OFFICE SUPPLIES	1,000.00	40.22	343.04	656.96	34.30
120-5-30-5170 TRAVEL MILEAGE	1,000.00	0.00	247.72	752.28	24.77
120-5-30-5175 EDUCATION / SEMINARS	4,000.00	700.00	1,400.00	2,600.00	35.00
TOTAL FIELD	479,227.00	52,572.84	156,657.76	322,569.24	32.69

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

DIRECTORS

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-5-40-5010 DIRECTORS COMPENSATION	3,000.00	269.15	807.45	2,192.55	26.92
120-5-40-5020 DIRECTOR BENEFITS	230.00	6.75	20.25	209.75	8.80
120-5-40-5030 DIRECTOR HEALTH BENEFITS	25,629.00	1,882.64	5,647.92	19,981.08	22.04
120-5-40-5170 TRAVEL MILEAGE	200.00	0.00	0.00	200.00	0.00
120-5-40-5175 EDUCATION / SEMINARS	1,500.00	0.00	141.36	1,358.64	9.42
120-5-40-5176 DIRECTOR TRAINING	3,600.00	0.00	0.00	3,600.00	0.00
TOTAL DIRECTORS	34,159.00	2,158.54	6,616.98	27,542.02	19.37

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

120-SEWER ENTERPRISE FUND

CAPITAL PROJECTS & EQUIP

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-5-70-7201 REGULATORY COMPLIANCE	385,000.00	3,287.50	3,520.00	381,480.00	0.91
120-5-70-7202 DISASTER MITIGATION	100,000.00	0.00	112.50	99,887.50	0.11
120-5-70-7203 DISASTER RECOVERY	0.00	0.00	0.00	0.00	0.00
120-5-70-7205 RISK MANAGEMENT	22,500.00	0.00	0.00	22,500.00	0.00
120-5-70-7206 RECORDS RETENTION	25,000.00	0.00	0.00	25,000.00	0.00
TOTAL CAPITAL PROJECTS & EQUIP	532,500.00	3,287.50	3,632.50	528,867.50	0.68
TOTAL EXPENDITURES	2,465,041.00	161,171.19	656,005.16	1,809,035.84	26.61
REVENUES OVER/(UNDER) EXPENDITURES	(354,393.00)	27,908.75	(56,396.78)	(297,996.22)	15.91

*** END OF REPORT ***

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

FINANCIAL SUMMARY

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
REVENUE SUMMARY					
ALL REVENUE	3,084,096.00	292,431.89	901,428.83	2,182,667.17	29.23
TOTAL REVENUES	3,084,096.00	292,431.89	901,428.83	2,182,667.17	29.23
EXPENDITURE SUMMARY					
NON-DEPARTMENTAL	1,223,181.00	65,239.09	268,177.22	955,003.78	21.92
ADMINISTRATION	443,833.00	40,726.09	154,436.32	289,396.68	34.80
FIELD	479,327.00	47,204.19	147,139.05	332,187.95	30.70
DIRECTORS	35,559.00	2,158.47	6,881.77	28,677.23	19.35
CAPITAL PROJECTS & EQUIP	1,050,000.00	391.83	3,680.10	1,046,319.90	0.35
TOTAL EXPENDITURES	3,231,900.00	155,719.67	580,314.46	2,651,585.54	17.96
REVENUES OVER/(UNDER) EXPENDITURES	(147,804.00)	136,712.22	321,114.37	(468,918.37)	217.26-

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

REVENUES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-4035 RECONNECT FEE	5,000.00	765.00	2,455.00	2,545.00	49.10
130-4036 DEVELOPER FEES WATER	0.00	0.00	0.00	0.00	0.00
130-4038 COMM WATER METER INSTALL	0.00	0.00	0.00	0.00	0.00
130-4039 WATER CONNECTION FEE	3,290.00	0.00	459.00	2,831.00	13.95
130-4040 LIEN RECORDING FEES	1,200.00	216.60	731.28	468.72	60.94
130-4045 AVAILABILITY FEES	22,000.00	0.00	10,264.80	11,735.20	46.66
130-4110 COMM WATER USE	144,786.00	8,306.88	27,517.67	117,268.33	19.01
130-4111 BULK WATER SALES	7,500.00	14,384.77	37,218.17	(29,718.17)	496.24
130-4112 GOV'T WATER USE	6,500.00	687.84	1,996.52	4,503.48	30.72
130-4115 WATER USE	2,848,200.00	259,718.36	802,362.89	2,045,837.11	28.17
130-4210 LATE FEE	32,000.00	5,848.76	15,288.54	16,711.46	47.78
130-4215 RETURNED CHECK FEE	500.00	100.00	200.00	300.00	40.00
130-4300 MISC INCOME	1,500.00	3.60	103.60	1,396.40	6.91
130-4310 OTHER INCOME	100.00	431.08	600.21	(500.21)	600.21
130-4320 FEMA/CalOES GRANTS	0.00	1,969.00	1,969.00	(1,969.00)	0.00
130-4325 GRANTS	0.00	0.00	0.00	0.00	0.00
130-4330 HYDRANT METER USE DEPOSIT	9,720.00	0.00	0.00	9,720.00	0.00
130-4505 LEASE INCOME	0.00	0.00	0.00	0.00	0.00
130-4550 INTEREST INCOME	1,800.00	0.00	262.15	1,537.85	14.56
130-4580 TRANSFER IN	0.00	0.00	0.00	0.00	0.00
130-4591 INCOME APPLICABLE TO PRIOR YRS	0.00	0.00	0.00	0.00	0.00
130-4955 Gain/Loss	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES	3,084,096.00	292,431.89	901,428.83	2,182,667.17	29.23

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

NON-DEPARTMENTAL

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-5-00-5010 SALARY & WAGES	0.00	0.00	0.00	0.00	0.00
130-5-00-5020 EMPLOYEE BENEFITS	0.00	0.00	1,236.83	(1,236.83)	0.00
130-5-00-5021 RETIREMENT BENEFITS	0.00	0.00	0.00	0.00	0.00
130-5-00-5024 WORKERS' COMP INSURANCE	10,500.00	0.00	10,023.66	476.34	95.46
130-5-00-5025 RETIREE HEALTH BENEFITS	8,452.00	671.56	2,014.70	6,437.30	23.84
130-5-00-5026 COBRA Health & Dental	0.00	0.00	0.00	0.00	0.00
130-5-00-5040 ELECTION EXPENSE	2,500.00	0.00	0.00	2,500.00	0.00
130-5-00-5050 DEPRECIATION	0.00	0.00	0.00	0.00	0.00
130-5-00-5060 GASOLINE, OIL & FUEL	30,000.00	2,016.50	4,808.13	25,191.87	16.03
130-5-00-5061 VEHICLE MAINT	25,000.00	4,315.75	8,705.79	16,294.21	34.82
130-5-00-5062 TAXES & LIC	1,200.00	0.00	0.00	1,200.00	0.00
130-5-00-5074 INSURANCE	104,000.00	0.00	104,101.24	(101.24)	100.10
130-5-00-5075 BANK FEES	30,000.00	2,072.41	6,030.43	23,969.57	20.10
130-5-00-5080 MEMBERSHIP & SUBSCRIPTIONS	28,000.00	214.50	1,954.73	26,045.27	6.98
130-5-00-5092 POSTAGE & SHIPPING	7,500.00	728.40	1,440.25	6,059.75	19.20
130-5-00-5110 CONTRACTUAL SERVICES	60,000.00	0.00	0.00	60,000.00	0.00
130-5-00-5121 LEGAL SERVICES	30,000.00	5,193.75	5,981.25	24,018.75	19.94
130-5-00-5122 ENGINEERING SERVICES	65,000.00	0.00	0.00	65,000.00	0.00
130-5-00-5123 OTHER PROFESSIONAL SERVICE	15,000.00	249.25	1,499.75	13,500.25	10.00
130-5-00-5124 WATER RIGHTS	15,000.00	600.00	600.00	14,400.00	4.00
130-5-00-5126 AUDIT SERVICES	7,500.00	0.00	0.00	7,500.00	0.00
130-5-00-5130 PRINTING & PUBLICATION	7,500.00	572.09	966.31	6,533.69	12.88
130-5-00-5135 NEWSLETTER	1,200.00	97.50	97.50	1,102.50	8.13
130-5-00-5140 RENT & LEASES	0.00	0.00	0.00	0.00	0.00
130-5-00-5145 EQUIPMENT RENTAL	35,000.00	629.23	991.35	34,008.65	2.83
130-5-00-5148 OPERATING SUPPLIES	7,500.00	0.00	517.25	6,982.75	6.90
130-5-00-5150 REPAIR & REPLACE	225,000.00	7,508.08	26,917.30	198,082.70	11.96
130-5-00-5155 MAINT BLDG & GROUNDS	15,000.00	1,602.55	3,207.55	11,792.45	21.38
130-5-00-5156 CUSTODIAL SERVICES	5,000.00	569.00	854.00	4,146.00	17.08
130-5-00-5157 SECURITY	5,000.00	0.00	0.00	5,000.00	0.00
130-5-00-5180 UNCOLLECTABLE ACCOUNTS	0.00	0.00	0.00	0.00	0.00
130-5-00-5191 TELEPHONE	15,000.00	1,122.81	3,245.37	11,754.63	21.64
130-5-00-5192 ELECTRICITY	200,000.00	20,328.40	61,746.40	138,253.60	30.87
130-5-00-5193 OTHER UTILITIES	3,600.00	277.74	555.48	3,044.52	15.43
130-5-00-5194 IT SERVICES	55,000.00	13,706.60	16,507.88	38,492.12	30.01
130-5-00-5195 ENV/MONITORING	20,000.00	750.00	1,800.00	18,200.00	9.00
130-5-00-5196 RISK MANAGEMENT	0.00	0.00	0.00	0.00	0.00
130-5-00-5198 ANNUAL OPERATING FEES	40,000.00	0.00	0.00	40,000.00	0.00
130-5-00-5310 EQUIPMENT - FIELD	1,000.00	0.00	60.10	939.90	6.01
130-5-00-5311 EQUIPMENT - OFFICE	1,000.00	778.38	778.38	221.62	77.84
130-5-00-5312 TOOLS - FIELD	2,000.00	0.00	0.00	2,000.00	0.00
130-5-00-5315 SAFETY EQUIPMENT	5,000.00	1,234.59	1,475.59	3,524.41	29.51
130-5-00-5317 COVID-19	7,500.00	0.00	0.00	7,500.00	0.00
130-5-00-5505 WATER CONSERVATION	5,000.00	0.00	0.00	5,000.00	0.00
130-5-00-5520 HYDRANT DEPOSIT REFUND	0.00	0.00	0.00	0.00	0.00
130-5-00-5545 RECORDING FEES	250.00	0.00	60.00	190.00	24.00
130-5-00-5580 TRANSFERS OUT	96,979.00	0.00	0.00	96,979.00	0.00
130-5-00-5590 NON-OPERATING OTHER	0.00	0.00	0.00	0.00	0.00
130-5-00-5591 EXPENSES APPLICABLE TO PRI	0.00	0.00	0.00	0.00	0.00

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

NON-DEPARTMENTAL

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-5-00-5595 BAD DEBT	0.00	0.00	0.00	0.00	0.00
130-5-00-5600 CONTINGENCY	30,000.00	0.00	0.00	30,000.00	0.00
TOTAL NON-DEPARTMENTAL	1,223,181.00	65,239.09	268,177.22	955,003.78	21.92

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

ADMINISTRATION

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-5-10-5010 SALARIES & WAGES	276,997.00	32,728.87	94,425.56	182,571.44	34.09
130-5-10-5020 EMPLOYEE BENEFITS	93,926.00	5,475.53	19,017.71	74,908.29	20.25
130-5-10-5021 RETIREMENT BENEFITS	59,860.00	1,917.73	39,464.44	20,395.56	65.93
130-5-10-5063 CERTIFICATIONS	200.00	0.00	0.00	200.00	0.00
130-5-10-5090 OFFICE SUPPLIES	4,000.00	59.85	564.00	3,436.00	14.10
130-5-10-5170 TRAVEL MILEAGE	4,000.00	136.26	485.35	3,514.65	12.13
130-5-10-5175 EDUCATION / SEMINARS	4,500.00	402.50	402.50	4,097.50	8.94
130-5-10-5179 ADM MISC EXPENSES	350.00	5.35	76.76	273.24	21.93
130-5-10-5505 WATER CONSERVATION	0.00	0.00	0.00	0.00	0.00
TOTAL ADMINISTRATION	443,833.00	40,726.09	154,436.32	289,396.68	34.80

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

FIELD

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-5-30-5010 SALARIES & WAGES	288,701.00	33,141.28	78,895.34	209,805.66	27.33
130-5-30-5020 EMPLOYEE BENEFITS	122,616.00	12,103.88	29,653.13	92,962.87	24.18
130-5-30-5021 RETIREMENT BENEFITS	57,910.00	1,602.43	37,557.46	20,352.54	64.85
130-5-30-5022 CLOTHING ALLOWANCE	2,500.00	0.00	125.99	2,374.01	5.04
130-5-30-5063 CERTIFICATIONS	600.00	0.00	0.00	600.00	0.00
130-5-30-5090 OFFICE SUPPLIES	1,000.00	356.60	659.41	340.59	65.94
130-5-30-5170 TRAVEL MILEAGE	2,000.00	0.00	247.72	1,752.28	12.39
130-5-30-5175 EDUCATION / SEMINARS	4,000.00	0.00	0.00	4,000.00	0.00
TOTAL FIELD	479,327.00	47,204.19	147,139.05	332,187.95	30.70

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

DIRECTORS

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-5-40-5010 DIRECTORS COMPENSATION	3,000.00	269.10	807.30	2,192.70	26.91
130-5-40-5020 DIRECTOR BENEFTIS	230.00	6.75	20.25	209.75	8.80
130-5-40-5030 DIRECTOR HEALTH BENEFITS	25,629.00	1,882.62	5,647.86	19,981.14	22.04
130-5-40-5080 MEMBERSHIP & SUBSCRIPTION	0.00	0.00	0.00	0.00	0.00
130-5-40-5170 TRAVEL MILEAGE	200.00	0.00	265.00	(65.00)	132.50
130-5-40-5175 EDUCATION / SEMINARS	1,500.00	0.00	141.36	1,358.64	9.42
130-5-40-5176 DIRECTOR TRAINING	5,000.00	0.00	0.00	5,000.00	0.00
TOTAL DIRECTORS	35,559.00	2,158.47	6,881.77	28,677.23	19.35

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

130-WATER ENTERPRISE FUND

CAPITAL PROJECTS & EQUIP

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-5-70-7201 REGULATORY COMPLIANCE	75,000.00	0.00	0.00	75,000.00	0.00
130-5-70-7202 DISASTER MITIGATION	200,000.00	370.00	482.50	199,517.50	0.24
130-5-70-7203 DISASTER RECOVERY	0.00	0.00	0.00	0.00	0.00
130-5-70-7204 RELIABLE WATER SUPPLY	700,000.00	21.83	3,197.60	696,802.40	0.46
130-5-70-7205 RISK MANAGEMENT	50,000.00	0.00	0.00	50,000.00	0.00
130-5-70-7206 RECORDS RETENTION	25,000.00	0.00	0.00	25,000.00	0.00
TOTAL CAPITAL PROJECTS & EQUIP	1,050,000.00	391.83	3,680.10	1,046,319.90	0.35
TOTAL EXPENDITURES	3,231,900.00	155,719.67	580,314.46	2,651,585.54	17.96
REVENUES OVER/(UNDER) EXPENDITURES	(147,804.00)	136,712.22	321,114.37	(468,918.37)	217.26-

*** END OF REPORT ***

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

215-RECA REDEMPTION 1995-2

FINANCIAL SUMMARY

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
REVENUE SUMMARY					
ALL REVENUE	295,368.00	0.00	45,922.69	249,445.31	15.55
TOTAL REVENUES	295,368.00	0.00	45,922.69	249,445.31	15.55
EXPENDITURE SUMMARY					
NON-DEPARTMENTAL	295,368.00	1,900.16	249,934.61	45,433.39	84.62
TOTAL EXPENDITURES	295,368.00	1,900.16	249,934.61	45,433.39	84.62
REVENUES OVER/(UNDER) EXPENDITURES	0.00	(1,900.16)	(204,011.92)	204,011.92	0.00

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

215-RECA REDEMPTION 1995-2

REVENUES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
215-4525 PRO-RATA BOND PAYMENT FEE	1,994.00	0.00	0.00	1,994.00	0.00
215-4530 TAXES, ASSMT & BOND PROCEEDS	275,000.00	0.00	8,264.51	266,735.49	3.01
215-4540 DELINQUENT ASSESSMENTS	7,124.00	0.00	16,221.38	(9,097.38)	227.70
215-4541 DELINQ PENALTY & INTEREST	5,520.00	0.00	20,655.15	(15,135.15)	374.19
215-4542 DELINQ ASSMT MONTHLY PENALTY	4,530.00	0.00	0.00	4,530.00	0.00
215-4550 INTEREST INCOME	1,200.00	0.00	781.65	418.35	65.14
215-4580 TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES	295,368.00	0.00	45,922.69	249,445.31	15.55

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

215-RECA REDEMPTION 1995-2

NON-DEPARTMENTAL

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
215-5-00-5075 BANK FEES	0.00	0.00	0.00	0.00	0.00
215-5-00-5123 OTHER PROFESSIONAL SERVICE	9,640.00	1,900.16	5,879.11	3,760.89	60.99
215-5-00-5125 BOND PREMIUM	0.00	0.00	0.00	0.00	0.00
215-5-00-5522 INTEREST ON LONG-TERM DEBT	86,728.00	0.00	45,055.50	41,672.50	51.95
215-5-00-5580 TRANSFER OUT	0.00	0.00	0.00	0.00	0.00
215-5-00-5590 COST OF ISSUANCE	0.00	0.00	0.00	0.00	0.00
215-5-00-5599 PRINCIPAL PMT	199,000.00	0.00	199,000.00	0.00	100.00
215-5-00-5600 CONTINGENCY	0.00	0.00	0.00	0.00	0.00
TOTAL NON-DEPARTMENTAL	295,368.00	1,900.16	249,934.61	45,433.39	84.62
TOTAL EXPENDITURES	295,368.00	1,900.16	249,934.61	45,433.39	84.62
REVENUES OVER/(UNDER) EXPENDITURES	0.00	(1,900.16)	(204,011.92)	204,011.92	0.00

*** END OF REPORT ***

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

218-CIEDB REDEMPTION FUND

FINANCIAL SUMMARY

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
REVENUE SUMMARY					
ALL REVENUE	170,075.00	0.00	9,168.35	160,906.65	5.39
TOTAL REVENUES	170,075.00	0.00	9,168.35	160,906.65	5.39
EXPENDITURE SUMMARY					
NON-DEPARTMENTAL	170,075.00	0.00	24,035.83	146,039.17	14.13
TOTAL EXPENDITURES	170,075.00	0.00	24,035.83	146,039.17	14.13
REVENUES OVER/(UNDER) EXPENDITURES	0.00	0.00	(14,867.48)	14,867.48	0.00

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

218-CIEDB REDEMPTION FUND

REVENUES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
218-4030 WATER CAPACITY FEES	72,696.00	0.00	9,137.00	63,559.00	12.57
218-4115 WATER USE CIEDB	0.00	0.00	0.00	0.00	0.00
218-4550 INTEREST INCOME	400.00	0.00	31.35	368.65	7.84
218-4580 TRANSFERS IN	96,979.00	0.00	0.00	96,979.00	0.00
218-4596 USER/NEW DEVELOPMT PORTION	0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES	170,075.00	0.00	9,168.35	160,906.65	5.39

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

218-CIEDB REDEMPTION FUND

NON-DEPARTMENTAL

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
218-5-00-5092 POSTAGE & SHIPPING	0.00	0.00	0.00	0.00	0.00
218-5-00-5522 INTEREST ON LONG-TERM DEBT	48,072.00	0.00	24,035.83	24,036.17	50.00
218-5-00-5560 BAD DEBT	0.00	0.00	0.00	0.00	0.00
218-5-00-5580 TRANSFER OUT	0.00	0.00	0.00	0.00	0.00
218-5-00-5595 CIEDB LOAN ANNUAL FEE	4,144.00	0.00	0.00	4,144.00	0.00
218-5-00-5599 PRINCIPAL PMT	117,859.00	0.00	0.00	117,859.00	0.00
218-5-00-5600 CONTINGENCY	0.00	0.00	0.00	0.00	0.00
TOTAL NON-DEPARTMENTAL	170,075.00	0.00	24,035.83	146,039.17	14.13
TOTAL EXPENDITURES	170,075.00	0.00	24,035.83	146,039.17	14.13
REVENUES OVER/(UNDER) EXPENDITURES	0.00	0.00	(14,867.48)	14,867.48	0.00

*** END OF REPORT ***

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

219-USDA SOLAR LOAN

FINANCIAL SUMMARY

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
REVENUE SUMMARY					
ALL REVENUE	32,205.00	0.00	25,240.13	6,964.87	78.37
TOTAL REVENUES	32,205.00	0.00	25,240.13	6,964.87	78.37
EXPENDITURE SUMMARY					
NON-DEPARTMENTAL	32,205.00	0.00	25,237.50	6,967.50	78.37
TOTAL EXPENDITURES	32,205.00	0.00	25,237.50	6,967.50	78.37
REVENUES OVER/(UNDER) EXPENDITURES	0.00	0.00	2.63	(2.63)	0.00

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

219-USDA SOLAR LOAN

REVENUES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
219-4300 MISC INCOME	0.00	0.00	0.00	0.00	0.00
219-4550 INTEREST INCOME	12.00	0.00	2.63	9.37	21.92
219-4580 TRANSFERS IN	32,193.00	0.00	25,237.50	6,955.50	78.39
TOTAL REVENUES	32,205.00	0.00	25,240.13	6,964.87	78.37

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2022

219-USDA SOLAR LOAN

NON-DEPARTMENTAL

EXPENDITURES

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
219-5-00-5092 POSTAGE & SHIPPING	0.00	0.00	0.00	0.00	0.00
219-5-00-5522 INTEREST ON LONG-TERM DEBT	14,205.00	0.00	7,237.50	6,967.50	50.95
219-5-00-5523 INTEREST EXPENSE	0.00	0.00	0.00	0.00	0.00
219-5-00-5580 TRANSFER OUT	0.00	0.00	0.00	0.00	0.00
219-5-00-5599 PRINCIPAL PMT	18,000.00	0.00	18,000.00	0.00	100.00
TOTAL NON-DEPARTMENTAL	32,205.00	0.00	25,237.50	6,967.50	78.37
TOTAL EXPENDITURES	32,205.00	0.00	25,237.50	6,967.50	78.37
REVENUES OVER/(UNDER) EXPENDITURES	0.00	0.00	2.63	(2.63)	0.00

*** END OF REPORT ***

Hidden Valley Lake Community Services District
Financial Activity, Cash and Investment Summary
As of September 30, 2022
(Rounded and Unaudited)

	Operating Checking	Money Market	LAIF	Bond Trustee	Total All Cash/Investment Accounts
	West America Bank	West America Bank	State Treasurer	US Bank	
	1010	1130	1133	1200	
Financial Activity of Cash/Investment Accounts in General Ledger [1]					
Beginning Balances	**$ 1,574,539**	**$ 1,325,792**	**$ 630,274**	**$ 175,258**	**$ 3,705,863**
Cash Receipts					
Utility Billing Deposits	$ 504,887	$ -	$ -	$ -	
Electronic Fund Deposits	$ -	$ -	$ -	$ -	
Other Deposits	$ -	$ 77	$ -	$ 350	
Total Cash Receipts	**$ 504,887**	**$ 77**	**$ -**	**$ 175,608**	
Cash Disbursements					
Accounts Payable Checks issued	$ 174,180	$ -	$ -	$ -	
Electronic Fund/Bank Draft Disbursements	$ 35,868	$ -	$ -	$ -	
Payroll Checks issued - net	$ 108,470	$ -	$ -	$ -	
Bank Fees	$ 4,145	$ -	$ -	$ -	
Other Disbursements	$ -	$ -	$ -	$ -	
Total Disbursements	**$ 322,662**	**$ -**	**$ -**	**$ -**	
Transfers Between Accounts					
Transfers In	$ 179	$ -	$ -	$ -	
Transfers Out		$ 179	$ -	$ 30,129	
Total Transfers Between Accounts	**$ 179**	**$ 179**	**$ -**	**$ 30,129**	
Ending Balances in General Ledger	**$ 1,758,398**	**$ 1,325,690**	**$ 630,274**	**$ 145,479**	**$ 3,859,841**
Financial Institution Ending Balances	**$ 1,795,188**	**$ 1,325,690**	**$ 630,274**	**$ 145,479**	**$ 3,896,631**

Ending Balances General Ledger Distribution by District Funds

100	Operating	-	-	-	-	**-**
120	Wastewater Operating	318,075	7,802	72,803	-	**398,679**
130	Water Operating	1,290,258	39,435	108,497	-	**1,438,190**
140	Flood Enterprise	(316)	-	-	-	**(316)**
215	2016 Sewer Refinancing Bond	(3,987)	182,307	95,705	145,479	**419,503**
218	2002 CIEDB Loan	39,923	68,423	12,569	-	**120,915**
219	2012 USDA Solar COP	-	8,376	886	-	**9,262**
313	Wastewater Operating Reserve	114,444	11,308	59,304	-	**185,056**
314	Wastewater CIP	-	485,101	95,889	-	**580,990**
319	2012 USDA Solar COP Reserve	-	31,355	-	-	**31,355**
320	Water CIP	-	311,504	-	-	**311,504**
325	Water Operating Reserve	-	180,080	-	-	**180,080**
350	2002 CIEDB Loan Reserve	-	-	184,621	-	**184,621**
	Total Ending Balances in General Ledger	**1,758,398**	**1,325,690**	**630,274**	**145,479**	**3,859,841**

[1] Fom General Ledger activity by Financial Institution accounts with District Fund accounts consolidated. Checking and Money Market accounts are with West America Bank, Local Agency Investment Account (LAIF) is held by the State Treasurer on behalf of the District and US Bank is the Bond Trustee for the the 2016 Refunding >>>>>>>>. All cash accounts have been reconciled to the ending Financial Institution statements.

[2] See Reconcilliation Detail Summary for details

COMPANY: 999 - POOLED CASH FUND
ACCOUNT: 1010 CASH - POOLED
TYPE: All
STATUS: All
FOLIO: All

CHECK DATE: 9/01/2022 THRU 9/30/2022
CLEAR DATE: 0/00/0000 THRU 99/99/9999
STATEMENT: 0/00/0000 THRU 99/99/9999
VOIDED DATE: 0/00/0000 THRU 99/99/9999
AMOUNT: 0.00 THRU 999,999,999.99
CHECK NUMBER: 000000 THRU 999999

	ACCOUNT	--DATE--	--TYPE--	NUMBER	---------DESCRIPTION----------	----AMOUNT---	STATUS	FOLIO	CLEAR DATE
BANK DRAFT:									
	1010	9/09/2022	BANK-DRAFT	000770	AFLAC	107.94CR	CLEARED	A	9/15/2022
	1010	9/09/2022	BANK-DRAFT	000771	CALIFORNIA PUBLIC EMPLOYEES RE	6,406.34CR	CLEARED	A	9/14/2022
	1010	9/09/2022	BANK-DRAFT	000772	NATIONWIDE RETIREMENT SOLUTION	1,450.00CR	CLEARED	A	9/12/2022
	1010	9/09/2022	BANK-DRAFT	000773	STATE OF CALIFORNIA EDD	1,981.10CR	CLEARED	A	9/12/2022
	1010	9/09/2022	BANK-DRAFT	000774	US DEPARTMENT OF THE TREASURY	4,366.69CR	CLEARED	A	9/12/2022
	1010	9/23/2022	BANK-DRAFT	000775	AFLAC	107.94CR	OUTSTND	A	0/00/0000
	1010	9/23/2022	BANK-DRAFT	000776	CALIFORNIA PUBLIC EMPLOYEES RE	6,328.83CR	CLEARED	A	9/26/2022
	1010	9/23/2022	BANK-DRAFT	000777	NATIONWIDE RETIREMENT SOLUTION	1,450.00CR	CLEARED	A	9/23/2022
	1010	9/23/2022	BANK-DRAFT	000778	STATE OF CALIFORNIA EDD	1,768.26CR	CLEARED	A	9/23/2022
	1010	9/23/2022	BANK-DRAFT	000779	US DEPARTMENT OF THE TREASURY	3,803.23CR	CLEARED	A	9/23/2022
	1010	9/23/2022	BANK-DRAFT	000780	STATE OF CALIFORNIA EDD	2,470.01CR	CLEARED	A	9/23/2022
	1010	9/23/2022	BANK-DRAFT	000781	US DEPARTMENT OF THE TREASURY	5,627.37CR	CLEARED	A	9/23/2022
CHECK:									
	1010	9/30/2022	CHECK	001151	ALPHA ANALYTICAL LABORATORIES	1,812.00CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001152	ARMED FORCE PEST CONTROL, INC.	2,530.00CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001153	AT&T MOBILITY	90.10CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001154	DEMARCO DESIGN	195.00CR	CLEARED	A	10/03/2022
	1010	9/30/2022	CHECK	001155	MICHELLE HAMILTON	2,207.00CR	CLEARED	A	10/03/2022
	1010	9/30/2022	CHECK	001156	NBS GOVERNMENT FINANCE GROUP	1,900.16CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001157	OGRAM'S LOCKSMITH	160.00CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001158	PACIFIC GAS & ELECTRIC COMPANY	26,710.75CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001159	SOCIETY FOR HUMAN RESOURCE MAN	229.00CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001160	U S POSTMASTER	240.00CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001161	USA BLUE BOOK	2,926.70CR	OUTSTND	A	0/00/0000
	1010	9/30/2022	CHECK	001162	GREENLOW, FLOYDEAN	155.31CR	OUTSTND	A	0/00/0000
***	1010	9/02/2022	CHECK	039434	ADVENTIST HEALTH ST HELENA - J	482.12CR	CLEARED	A	9/09/2022
	1010	9/02/2022	CHECK	039435	ALPHA ANALYTICAL LABORATORIES	911.25CR	CLEARED	A	9/09/2022
	1010	9/02/2022	CHECK	039436	AMAZON CAPITAL SERVICES, INC.	12.85CR	CLEARED	A	9/08/2022
	1010	9/02/2022	CHECK	039437	AT&T MOBILITY	90.10CR	CLEARED	A	9/12/2022
	1010	9/02/2022	CHECK	039438	B & G TIRES OF MIDDLETOWN	1,050.34CR	CLEARED	A	9/16/2022
	1010	9/02/2022	CHECK	039439	GHD	3,489.39CR	CLEARED	A	9/09/2022
	1010	9/02/2022	CHECK	039440	JENFITCH, LLC	3,985.00CR	CLEARED	A	9/15/2022
	1010	9/02/2022	CHECK	039441	MEDIACOM	534.22CR	CLEARED	A	9/12/2022
	1010	9/02/2022	CHECK	039442	NAPA AUTO PARTS	238.12CR	CLEARED	A	9/12/2022
	1010	9/02/2022	CHECK	039443	ODP BUSINESS SOLUTIONS, LLC	45.06CR	CLEARED	A	9/12/2022
	1010	9/09/2022	CHECK	039444	ACWA/JPIA	1,096.48CR	CLEARED	A	9/15/2022
	1010	9/09/2022	CHECK	039445	ALPHA ANALYTICAL LABORATORIES	1,130.00CR	CLEARED	A	9/15/2022
	1010	9/09/2022	CHECK	039446	APPLIED TECHNOLOGY SOLUTIONS	2,918.26CR	CLEARED	A	9/20/2022
	1010	9/09/2022	CHECK	039447	ARMED FORCE PEST CONTROL, INC.	205.00CR	CLEARED	A	9/15/2022
	1010	9/09/2022	CHECK	039448	BACKGROUNDS ONLINE	26.00CR	CLEARED	A	9/16/2022
	1010	9/09/2022	CHECK	039449	BADGER METER	1,183.70CR	CLEARED	A	9/21/2022
	1010	9/09/2022	CHECK	039450	DATAPROSE, LLC	2,185.40CR	CLEARED	A	9/15/2022
	1010	9/09/2022	CHECK	039451	HARDESTER'S MARKETS & HARDWARE	644.85CR	CLEARED	A	9/15/2022

COMPANY: 999 - POOLED CASH FUND
ACCOUNT: 1010 CASH - POOLED
TYPE: All
STATUS: All
FOLIO: All

CHECK DATE: 9/01/2022 THRU 9/30/2022
CLEAR DATE: 0/00/0000 THRU 99/99/9999
STATEMENT: 0/00/0000 THRU 99/99/9999
VOIDED DATE: 0/00/0000 THRU 99/99/9999
AMOUNT: 0.00 THRU 999,999,999.99
CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	---------DESCRIPTION----------	----AMOUNT---	STATUS	FOLIO	CLEAR DATE
CHECK:								
1010	9/09/2022	CHECK	039452	VOID CHECK	0.00	CLEARED	A	9/29/2022
1010	9/09/2022	CHECK	039453	GARDENS BY JILLIAN	200.00CR	CLEARED	A	9/19/2022
1010	9/09/2022	CHECK	039454	ODP BUSINESS SOLUTIONS, LLC	44.66CR	CLEARED	A	9/15/2022
1010	9/09/2022	CHECK	039455	PENNY CUADRAS	128.76CR	CLEARED	A	9/16/2022
1010	9/09/2022	CHECK	039456	RAY MORGAN COMPANY	319.32CR	CLEARED	A	9/15/2022
1010	9/09/2022	CHECK	039457	SOUTH LAKE REFUSE & RECYCLING	555.49CR	CLEARED	A	9/15/2022
1010	9/09/2022	CHECK	039458	SPECIAL DISTRICT RISK MANAGEME	37,953.44CR	CLEARED	A	9/15/2022
1010	9/09/2022	CHECK	039459	STREAMLINE	200.00CR	CLEARED	A	9/15/2022
1010	9/09/2022	CHECK	039460	USA BLUE BOOK	1,384.43CR	CLEARED	A	9/19/2022
1010	9/09/2022	CHECK	039461	WILLETTA CALLAGHAN	143.75CR	CLEARED	A	9/15/2022
1010	9/09/2022	CHECK	039462	MUSCAT, PAULETTE	416.13CR	OUTSTND	A	0/00/0000
1010	9/09/2022	CHECK	039463	LASKER, DAVID V	1,453.57CR	CLEARED	A	9/21/2022
1010	9/09/2022	CHECK	039464	MAGLIANO, RANDALL J	103.29CR	CLEARED	A	9/20/2022
1010	9/16/2022	CHECK	039465	ALESHIRE & WYNDER, LLP	5,855.00CR	CLEARED	A	9/21/2022
1010	9/16/2022	CHECK	039466	ALPHA ANALYTICAL LABORATORIES	1,072.50CR	CLEARED	A	9/22/2022
1010	9/16/2022	CHECK	039467	Asbury Environmental Services	360.00CR	CLEARED	A	9/21/2022
1010	9/16/2022	CHECK	039468	AT&T	297.80CR	CLEARED	A	9/23/2022
1010	9/16/2022	CHECK	039469	BARTKIEWICZ, KRONICK & SHANAHA	1,575.00CR	CLEARED	A	9/21/2022
1010	9/16/2022	CHECK	039470	CARDMEMBER SERVICE	7,402.15CR	CLEARED	A	9/22/2022
1010	9/16/2022	CHECK	039471	JAMES DAY CONSTRUCTION, INC.	321.00CR	OUTSTND	A	0/00/0000
1010	9/16/2022	CHECK	039472	JL MECHANICAL	6,881.17CR	CLEARED	A	9/22/2022
1010	9/16/2022	CHECK	039473	MIDDLETOWN COPY & PRINT	316.39CR	OUTSTND	A	0/00/0000
1010	9/16/2022	CHECK	039474	PACE SUPPLY CORP	567.57CR	CLEARED	A	9/21/2022
1010	9/16/2022	CHECK	039475	REDWOOD COAST FUELS	1,158.57CR	CLEARED	A	9/21/2022
1010	9/16/2022	CHECK	039476	SPECIAL DISTRICT RISK MANAGEME	533.22CR	CLEARED	A	9/22/2022
1010	9/16/2022	CHECK	039477	USA BLUE BOOK	139.54CR	CLEARED	A	9/23/2022
1010	9/16/2022	CHECK	039478	VERIZON WIRELESS	1,233.41CR	CLEARED	A	9/22/2022
1010	9/16/2022	CHECK	039479	WAGNER & BONSIGNORE CCE	236.25CR	CLEARED	A	9/27/2022
1010	9/16/2022	CHECK	039480	WELLS FARGO FINANCIAL LEASING	757.54CR	CLEARED	A	9/23/2022
1010	9/16/2022	CHECK	039481	MCCLURE, JULIE	170.07CR	CLEARED	A	9/23/2022
1010	9/23/2022	CHECK	039482	ACTION SANITARY, INC.	181.60CR	OUTSTND	A	0/00/0000
1010	9/23/2022	CHECK	039483	ALPHA ANALYTICAL LABORATORIES	660.00CR	CLEARED	A	10/03/2022
1010	9/23/2022	CHECK	039484	BOLD POLISNER MADDOW NELSON &	2,957.50CR	CLEARED	A	9/28/2022
1010	9/23/2022	CHECK	039485	COASTLAND CIVIL ENGINEERING, I	3,657.50CR	CLEARED	A	9/29/2022
1010	9/23/2022	CHECK	039486	LAW OFFICE OF PETER KIEL	600.00CR	OUTSTND	A	0/00/0000
1010	9/23/2022	CHECK	039487	MIDDLETOWN COPY & PRINT	209.14CR	OUTSTND	A	0/00/0000
1010	9/23/2022	CHECK	039488	PACE SUPPLY CORP	2,817.22CR	CLEARED	A	9/28/2022
1010	9/23/2022	CHECK	039489	REDWOOD COAST FUELS	2,514.45CR	CLEARED	A	9/28/2022
1010	9/23/2022	CHECK	039490	RGW GROUNDSKEEPING, LLC	200.00CR	OUTSTND	A	0/00/0000
1010	9/23/2022	CHECK	039491	THATCHER COMPANY, INC.	3,004.13CR	CLEARED	A	9/27/2022
1010	9/23/2022	CHECK	039492	TYLER TECHNOLOGY	23,684.31CR	CLEARED	A	9/29/2022
1010	9/23/2022	CHECK	039493	USA BLUE BOOK	2,529.96CR	CLEARED	A	10/03/2022
DEPOSIT:								

COMPANY: 999 - POOLED CASH FUND
ACCOUNT: 1010 CASH - POOLED
TYPE: All
STATUS: All
FOLIO: All

CHECK DATE: 9/01/2022 THRU 9/30/2022
CLEAR DATE: 0/00/0000 THRU 99/99/9999
STATEMENT: 0/00/0000 THRU 99/99/9999
VOIDED DATE: 0/00/0000 THRU 99/99/9999
AMOUNT: 0.00 THRU 999,999,999.99
CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	---------DESCRIPTION----------	----AMOUNT---	STATUS	FOLIO	CLEAR DATE
DEPOSIT:								
1010	9/01/2022	DEPOSIT		CREDIT CARD 9/01/2022	4,959.18	CLEARED	C	9/02/2022
1010	9/01/2022	DEPOSIT	000001	CREDIT CARD 9/01/2022	1,632.02	CLEARED	C	9/02/2022
1010	9/01/2022	DEPOSIT	000002	CREDIT CARD 9/01/2022	2,826.78	CLEARED	C	9/02/2022
1010	9/01/2022	DEPOSIT	000003	CREDIT CARD 9/01/2022	626.02	CLEARED	C	9/08/2022
1010	9/01/2022	DEPOSIT	000004	REGULAR DAILY POST 9/01/2022	395.79	CLEARED	C	9/02/2022
1010	9/02/2022	DEPOSIT		CREDIT CARD 9/02/2022	16,963.59	CLEARED	C	9/06/2022
1010	9/02/2022	DEPOSIT	000001	REGULAR DAILY POST 9/02/2022	4,021.95	CLEARED	C	9/06/2022
1010	9/02/2022	DEPOSIT	000002	CREDIT CARD 9/02/2022	123.00	CLEARED	C	9/06/2022
1010	9/02/2022	DEPOSIT	000003	CREDIT CARD 9/02/2022	2,226.79	CLEARED	C	9/06/2022
1010	9/02/2022	DEPOSIT	000004	CREDIT CARD 9/02/2022	541.72	CLEARED	C	9/09/2022
1010	9/02/2022	DEPOSIT	000005	REGULAR DAILY POST 9/02/2022	3,386.09	CLEARED	C	9/06/2022
1010	9/06/2022	DEPOSIT		CREDIT CARD 9/06/2022	7,307.42	CLEARED	C	9/08/2022
1010	9/06/2022	DEPOSIT	000001	REGULAR DAILY POST 9/06/2022	490.15	CLEARED	C	9/08/2022
1010	9/06/2022	DEPOSIT	000002	CREDIT CARD 9/06/2022	2,556.40	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000003	REGULAR DAILY POST 9/06/2022	185.13	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000004	CREDIT CARD 9/06/2022	2,889.76	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000005	REGULAR DAILY POST 9/06/2022	253.21	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000006	CREDIT CARD 9/06/2022	3,260.00	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000007	REGULAR DAILY POST 9/06/2022	727.71	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000008	CREDIT CARD 9/06/2022	4,316.23	CLEARED	C	9/08/2022
1010	9/06/2022	DEPOSIT	000009	CREDIT CARD 9/06/2022	312.03	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000010	CREDIT CARD 9/06/2022	646.82	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000011	CREDIT CARD 9/06/2022	813.87	CLEARED	C	9/08/2022
1010	9/06/2022	DEPOSIT	000012	CREDIT CARD 9/06/2022	697.62	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000013	CREDIT CARD 9/06/2022	292.23	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000014	CREDIT CARD 9/06/2022	236.98	CLEARED	C	9/09/2022
1010	9/06/2022	DEPOSIT	000015	CREDIT CARD 9/06/2022	1,242.67	CLEARED	C	9/12/2022
1010	9/06/2022	DEPOSIT	000016	REGULAR DAILY POST 9/06/2022	4,118.51	CLEARED	C	9/08/2022
1010	9/07/2022	DEPOSIT		CREDIT CARD 9/07/2022	2,654.92	CLEARED	C	9/09/2022
1010	9/07/2022	DEPOSIT	000001	REGULAR DAILY POST 9/07/2022	86.13	CLEARED	C	9/09/2022
1010	9/07/2022	DEPOSIT	000002	CREDIT CARD 9/07/2022	1,143.58	CLEARED	C	9/09/2022
1010	9/07/2022	DEPOSIT	000003	CREDIT CARD 9/07/2022	281.01	CLEARED	C	9/09/2022
1010	9/07/2022	DEPOSIT	000004	CREDIT CARD 9/07/2022	2,606.76	CLEARED	C	9/13/2022
1010	9/07/2022	DEPOSIT	000005	REGULAR DAILY POST 9/07/2022	5,442.95	CLEARED	C	9/07/2022
1010	9/08/2022	DEPOSIT		CREDIT CARD 9/08/2022	283.73	CLEARED	C	9/09/2022
1010	9/08/2022	DEPOSIT	000001	CREDIT CARD 9/08/2022	2,591.90	CLEARED	C	9/12/2022
1010	9/08/2022	DEPOSIT	000002	CREDIT CARD 9/08/2022	1,158.84	CLEARED	C	9/12/2022
1010	9/08/2022	DEPOSIT	000003	CREDIT CARD 9/08/2022	839.84	CLEARED	C	9/14/2022
1010	9/08/2022	DEPOSIT	000004	REGULAR DAILY POST 9/08/2022	3,174.07	CLEARED	C	9/12/2022
1010	9/08/2022	DEPOSIT	000005	CREDIT CARD 9/08/2022	679.66	CLEARED	C	9/12/2022
1010	9/09/2022	DEPOSIT		CREDIT CARD 9/09/2022	3,039.02	CLEARED	C	9/13/2022
1010	9/09/2022	DEPOSIT	000001	CREDIT CARD 9/09/2022	2,089.26	CLEARED	C	9/13/2022
1010	9/09/2022	DEPOSIT	000002	CREDIT CARD 9/09/2022	802.30	CLEARED	C	9/13/2022
1010	9/09/2022	DEPOSIT	000003	CREDIT CARD 9/09/2022	1,021.46	CLEARED	C	9/15/2022

COMPANY: 999 - POOLED CASH FUND
ACCOUNT: 1010 CASH - POOLED
TYPE: All
STATUS: All
FOLIO: All

CHECK DATE: 9/01/2022 THRU 9/30/2022
CLEAR DATE: 0/00/0000 THRU 99/99/9999
STATEMENT: 0/00/0000 THRU 99/99/9999
VOIDED DATE: 0/00/0000 THRU 99/99/9999
AMOUNT: 0.00 THRU 999,999,999.99
CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	---------DESCRIPTION----------	----AMOUNT---	STATUS	FOLIO	CLEAR DATE
DEPOSIT:								
1010	9/09/2022	DEPOSIT	000004	REGULAR DAILY POST 9/09/2022	6,698.29	CLEARED	C	9/13/2022
1010	9/12/2022	DEPOSIT		CREDIT CARD 9/12/2022	6,810.66	CLEARED	C	9/14/2022
1010	9/12/2022	DEPOSIT	000001	REGULAR DAILY POST 9/12/2022	774.72	CLEARED	C	9/14/2022
1010	9/12/2022	DEPOSIT	000002	CREDIT CARD 9/12/2022	3,079.78	CLEARED	C	9/15/2022
1010	9/12/2022	DEPOSIT	000003	REGULAR DAILY POST 9/12/2022	467.76	CLEARED	C	9/15/2022
1010	9/12/2022	DEPOSIT	000004	CREDIT CARD 9/12/2022	636.54	CLEARED	C	9/14/2022
1010	9/12/2022	DEPOSIT	000005	CREDIT CARD 9/12/2022	2,491.34	CLEARED	C	9/15/2022
1010	9/12/2022	DEPOSIT	000006	REGULAR DAILY POST 9/12/2022	181.06	CLEARED	C	9/15/2022
1010	9/12/2022	DEPOSIT	000007	CREDIT CARD 9/12/2022	1,244.18	CLEARED	C	9/14/2022
1010	9/12/2022	DEPOSIT	000008	CREDIT CARD 9/12/2022	331.45	CLEARED	C	9/12/2022
1010	9/12/2022	DEPOSIT	000009	CREDIT CARD 9/12/2022	1,026.70	CLEARED	C	9/15/2022
1010	9/12/2022	DEPOSIT	000010	CREDIT CARD 9/12/2022	1,348.25	CLEARED	C	9/14/2022
1010	9/12/2022	DEPOSIT	000011	CREDIT CARD 9/12/2022	940.06	CLEARED	C	9/12/2022
1010	9/12/2022	DEPOSIT	000012	REGULAR DAILY POST 9/12/2022	20,379.90	CLEARED	C	9/14/2022
1010	9/13/2022	DEPOSIT		CREDIT CARD 9/13/2022	4,515.39	CLEARED	C	9/15/2022
1010	9/13/2022	DEPOSIT	000001	REGULAR DAILY POST 9/13/2022	237.84	CLEARED	C	9/15/2022
1010	9/13/2022	DEPOSIT	000002	CREDIT CARD 9/13/2022	1,134.96	CLEARED	C	9/15/2022
1010	9/13/2022	DEPOSIT	000003	CREDIT CARD 9/13/2022	265.82	CLEARED	C	9/15/2022
1010	9/13/2022	DEPOSIT	000004	CREDIT CARD 9/13/2022	1,399.00	CLEARED	C	9/19/2022
1010	9/13/2022	DEPOSIT	000005	REGULAR DAILY POST 9/13/2022	70,845.06	CLEARED	C	9/15/2022
1010	9/14/2022	DEPOSIT		CREDIT CARD 9/14/2022	4,168.99	CLEARED	C	9/29/2022
1010	9/14/2022	DEPOSIT	000001	REGULAR DAILY POST 9/14/2022	203.02	CLEARED	C	9/14/2022
1010	9/14/2022	DEPOSIT	000002	CREDIT CARD 9/14/2022	275.14	CLEARED	C	9/14/2022
1010	9/14/2022	DEPOSIT	000003	CREDIT CARD 9/14/2022	268.64	CLEARED	C	9/14/2022
1010	9/14/2022	DEPOSIT	000004	CREDIT CARD 9/14/2022	969.04	CLEARED	C	9/20/2022
1010	9/14/2022	DEPOSIT	000005	REGULAR DAILY POST 9/14/2022	9,249.82	CLEARED	C	9/15/2022
1010	9/14/2022	DEPOSIT	000006	CREDIT CARD 9/14/2022	1,974.68	CLEARED	C	9/19/2022
1010	9/14/2022	DEPOSIT	000007	REGULAR DAILY POST 9/14/2022	100.12	CLEARED	C	9/19/2022
1010	9/14/2022	DEPOSIT	000008	CREDIT CARD 9/14/2022	1,722.01	CLEARED	C	9/19/2022
1010	9/14/2022	DEPOSIT	000009	CREDIT CARD 9/14/2022	1,201.13	CLEARED	C	9/19/2022
1010	9/15/2022	DEPOSIT		CREDIT CARD 9/15/2022	14,351.92	CLEARED	C	9/15/2022
1010	9/15/2022	DEPOSIT	000001	REGULAR DAILY POST 9/15/2022	600.73	CLEARED	C	9/15/2022
1010	9/15/2022	DEPOSIT	000002	CREDIT CARD 9/15/2022	243.56	CLEARED	C	9/16/2022
1010	9/15/2022	DEPOSIT	000003	CREDIT CARD 9/15/2022	2,441.73	CLEARED	C	9/21/2022
1010	9/15/2022	DEPOSIT	000004	REGULAR DAILY POST 9/15/2022	8,466.71	CLEARED	C	9/15/2022
1010	9/15/2022	DEPOSIT	000005	DRAFT POSTING	24,133.43	CLEARED	U	9/19/2022
1010	9/16/2022	DEPOSIT		CREDIT CARD 9/16/2022	28,228.76	CLEARED	C	9/20/2022
1010	9/16/2022	DEPOSIT	000001	REGULAR DAILY POST 9/16/2022	1,457.50	CLEARED	C	9/20/2022
1010	9/16/2022	DEPOSIT	000002	CREDIT CARD 9/16/2022	1,021.70	CLEARED	C	9/20/2022
1010	9/16/2022	DEPOSIT	000003	CREDIT CARD 9/16/2022	419.37	CLEARED	C	9/20/2022
1010	9/16/2022	DEPOSIT	000004	CREDIT CARD 9/16/2022	1,875.86	CLEARED	C	9/22/2022
1010	9/16/2022	DEPOSIT	000005	REGULAR DAILY POST 9/16/2022	14,535.62	CLEARED	C	9/19/2022
1010	9/19/2022	DEPOSIT		CREDIT CARD 9/19/2022	6,598.75	CLEARED	C	9/21/2022
1010	9/19/2022	DEPOSIT	000001	REGULAR DAILY POST 9/19/2022	303.17	CLEARED	C	9/21/2022

COMPANY: 999 - POOLED CASH FUND
ACCOUNT: 1010 CASH - POOLED
TYPE: All
STATUS: All
FOLIO: All

CHECK DATE: 9/01/2022 THRU 9/30/2022
CLEAR DATE: 0/00/0000 THRU 99/99/9999
STATEMENT: 0/00/0000 THRU 99/99/9999
VOIDED DATE: 0/00/0000 THRU 99/99/9999
AMOUNT: 0.00 THRU 999,999,999.99
CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	---------DESCRIPTION----------	----AMOUNT---	STATUS	FOLIO	CLEAR DATE
DEPOSIT:								
1010	9/19/2022	DEPOSIT	000002	CREDIT CARD 9/19/2022	99.09	CLEARED	C	9/21/2022
1010	9/19/2022	DEPOSIT	000003	CREDIT CARD 9/19/2022	8,343.07	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000004	REGULAR DAILY POST 9/19/2022	315.81	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000005	CREDIT CARD 9/19/2022	5,762.65	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000006	REGULAR DAILY POST 9/19/2022	211.18	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000007	CREDIT CARD 9/19/2022	3,919.76	CLEARED	C	9/21/2022
1010	9/19/2022	DEPOSIT	000008	CREDIT CARD 9/19/2022	1,166.35	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000009	CREDIT CARD 9/19/2022	366.43	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000010	CREDIT CARD 9/19/2022	601.53	CLEARED	C	9/21/2022
1010	9/19/2022	DEPOSIT	000011	CREDIT CARD 9/19/2022	790.06	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000012	CREDIT CARD 9/19/2022	567.75	CLEARED	C	9/22/2022
1010	9/19/2022	DEPOSIT	000013	CREDIT CARD 9/19/2022	4,363.25	CLEARED	C	9/23/2022
1010	9/19/2022	DEPOSIT	000014	REGULAR DAILY POST 9/19/2022	19,290.24	CLEARED	C	9/20/2022
1010	9/19/2022	DEPOSIT	000015	CREDIT CARD 9/19/2022	355.95	CLEARED	C	9/19/2022
1010	9/20/2022	DEPOSIT		CREDIT CARD 9/20/2022	12,980.31	CLEARED	C	9/22/2022
1010	9/20/2022	DEPOSIT	000001	REGULAR DAILY POST 9/20/2022	2,050.73	CLEARED	C	9/22/2022
1010	9/20/2022	DEPOSIT	000002	CREDIT CARD 9/20/2022	3,724.97	CLEARED	C	9/22/2022
1010	9/20/2022	DEPOSIT	000003	CREDIT CARD 9/20/2022	707.09	CLEARED	C	9/22/2022
1010	9/20/2022	DEPOSIT	000004	CREDIT CARD 9/20/2022	4,328.39	CLEARED	C	9/23/2022
1010	9/20/2022	DEPOSIT	000005	REGULAR DAILY POST 9/20/2022	14,072.57	CLEARED	C	9/21/2022
1010	9/21/2022	DEPOSIT		CREDIT CARD 9/21/2022	10,704.21	CLEARED	C	9/23/2022
1010	9/21/2022	DEPOSIT	000001	REGULAR DAILY POST 9/21/2022	2,059.71	CLEARED	C	9/23/2022
1010	9/21/2022	DEPOSIT	000002	CREDIT CARD 9/21/2022	6,783.68	CLEARED	C	9/23/2022
1010	9/21/2022	DEPOSIT	000003	CREDIT CARD 9/21/2022	2,184.11	CLEARED	C	9/23/2022
1010	9/21/2022	DEPOSIT	000004	CREDIT CARD 9/21/2022	558.43	CLEARED	C	9/26/2022
1010	9/21/2022	DEPOSIT	000005	REGULAR DAILY POST 9/21/2022	3,784.57	CLEARED	C	9/22/2022
1010	9/21/2022	DEPOSIT	000006	DAILY PAYMENT POSTING - ADJ	179.22CR	CLEARED	U	9/21/2022
1010	9/21/2022	DEPOSIT	000007	DAILY PAYMENT POSTING - ADJ	171.92CR	CLEARED	U	9/21/2022
1010	9/22/2022	DEPOSIT		CREDIT CARD 9/22/2022	1,668.65	CLEARED	C	9/23/2022
1010	9/22/2022	DEPOSIT	000001	CREDIT CARD 9/22/2022	1,417.59	CLEARED	C	9/23/2022
1010	9/22/2022	DEPOSIT	000002	CREDIT CARD 9/22/2022	906.29	CLEARED	C	9/23/2022
1010	9/22/2022	DEPOSIT	000003	CREDIT CARD 9/22/2022	715.55	CLEARED	C	9/27/2022
1010	9/22/2022	DEPOSIT	000004	REGULAR DAILY POST 9/22/2022	2,596.37	CLEARED	C	9/23/2022
1010	9/23/2022	DEPOSIT		CREDIT CARD 9/23/2022	1,904.64	CLEARED	C	9/26/2022
1010	9/23/2022	DEPOSIT	000001	CREDIT CARD 9/23/2022	192.85	CLEARED	C	9/26/2022
1010	9/23/2022	DEPOSIT	000002	CREDIT CARD 9/23/2022	511.44	CLEARED	C	9/19/2022
1010	9/23/2022	DEPOSIT	000003	REGULAR DAILY POST 9/23/2022	1,731.24	CLEARED	C	9/26/2022
1010	9/23/2022	DEPOSIT	000004	CREDIT CARD 9/23/2022	247.08	CLEARED	C	9/26/2022
1010	9/26/2022	DEPOSIT		CREDIT CARD 9/26/2022	1,596.69	CLEARED	C	9/26/2022
1010	9/26/2022	DEPOSIT	000001	REGULAR DAILY POST 9/26/2022	243.68	CLEARED	C	9/19/2022
1010	9/26/2022	DEPOSIT	000002	CREDIT CARD 9/26/2022	974.67	CLEARED	C	9/26/2022
1010	9/26/2022	DEPOSIT	000003	REGULAR DAILY POST 9/26/2022	101.83	CLEARED	C	9/26/2022
1010	9/26/2022	DEPOSIT	000004	CREDIT CARD 9/26/2022	1,040.72	CLEARED	C	9/27/2022
1010	9/26/2022	DEPOSIT	000005	CREDIT CARD 9/26/2022	545.01	CLEARED	C	9/29/2022

COMPANY: 999 - POOLED CASH FUND
ACCOUNT: 1010 CASH - POOLED
TYPE: All
STATUS: All
FOLIO: All

CHECK DATE: 9/01/2022 THRU 9/30/2022
CLEAR DATE: 0/00/0000 THRU 99/99/9999
STATEMENT: 0/00/0000 THRU 99/99/9999
VOIDED DATE: 0/00/0000 THRU 99/99/9999
AMOUNT: 0.00 THRU 999,999,999.99
CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	---------DESCRIPTION----------	----AMOUNT---	STATUS	FOLIO	CLEAR DATE
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1010	9/26/2022	DEPOSIT	000007	CREDIT CARD 9/26/2022	848.68	CLEARED	C	9/29/2022
1010	9/26/2022	DEPOSIT	000008	CREDIT CARD 9/26/2022	418.58	CLEARED	C	9/27/2022
1010	9/26/2022	DEPOSIT	000009	CREDIT CARD 9/26/2022	467.21	CLEARED	C	9/29/2022
1010	9/26/2022	DEPOSIT	000010	CREDIT CARD 9/26/2022	857.29	CLEARED	C	9/30/2022
1010	9/26/2022	DEPOSIT	000011	REGULAR DAILY POST 9/26/2022	4,863.21	CLEARED	C	9/27/2022
1010	9/27/2022	DEPOSIT		CREDIT CARD 9/27/2022	1,060.81	CLEARED	C	9/28/2022
1010	9/27/2022	DEPOSIT	000001	CREDIT CARD 9/27/2022	1,795.34	CLEARED	C	9/30/2022
1010	9/27/2022	DEPOSIT	000002	CREDIT CARD 9/27/2022	1,006.43	CLEARED	C	9/29/2022
1010	9/27/2022	DEPOSIT	000003	CREDIT CARD 9/27/2022	201.73	CLEARED	C	10/03/2022
1010	9/27/2022	DEPOSIT	000004	REGULAR DAILY POST 9/27/2022	6,943.72	CLEARED	C	9/28/2022
1010	9/28/2022	DEPOSIT		CREDIT CARD 9/28/2022	631.06	CLEARED	C	9/30/2022
1010	9/28/2022	DEPOSIT	000001	CREDIT CARD 9/28/2022	189.48	CLEARED	C	9/30/2022
1010	9/28/2022	DEPOSIT	000002	REGULAR DAILY POST 9/28/2022	585.12	CLEARED	C	9/29/2022
1010	9/29/2022	DEPOSIT		CREDIT CARD 9/29/2022	2,662.68	CLEARED	C	10/03/2022
1010	9/29/2022	DEPOSIT	000001	CREDIT CARD 9/29/2022	785.43	CLEARED	C	10/03/2022
1010	9/29/2022	DEPOSIT	000002	CREDIT CARD 9/29/2022	259.64	OUTSTND	C	0/00/0000
1010	9/29/2022	DEPOSIT	000003	REGULAR DAILY POST 9/29/2022	1,761.43	CLEARED	C	9/30/2022
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1010	9/30/2022	DEPOSIT	092122	TRANSFER MM TO CHKG	179.22	OUTSTND	G	0/00/0000
1010	9/30/2022	DEPOSIT	092221	TRANSFER MM TO CHKG	179.22	OUTSTND	G	0/00/0000
1010	9/30/2022	DEPOSIT	092222	REVERSE JE 611286	179.22CR	OUTSTND	G	0/00/0000
MISCELLANEOUS:								
1010	9/07/2022	MISC.	073122	CC RECONCILE 7/31/2022	215.91	CLEARED	G	9/07/2022
1010	9/07/2022	MISC.	073123	REV JE 611273	215.91CR	CLEARED	G	9/07/2022
1010	9/09/2022	MISC.		PAYROLL DIRECT DEPOSIT	31,625.87CR	CLEARED	P	9/12/2022
1010	9/22/2022	MISC.		PAYROLL DIRECT DEPOSIT	44,032.73CR	CLEARED	P	9/22/2022
1010	9/23/2022	MISC.		PAYROLL DIRECT DEPOSIT	32,811.12CR	CLEARED	P	9/23/2022
SERVICE CHARGE:								
1010	9/02/2022	SERV-CHG		AUGUST CHASE FEES	3,471.62CR	CLEARED	G	9/02/2022
1010	9/02/2022	SERV-CHG	000001	AUGUST CHASE FEES	381.11CR	CLEARED	G	9/02/2022
1010	9/06/2022	SERV-CHG		AUGUST AMX FEES	31.00CR	CLEARED	G	9/06/2022
1010	9/16/2022	SERV-CHG		AUGUST ACCOUNT ANALYSIS FEES	261.10CR	CLEARED	G	9/16/2022

TOTALS FOR ACCOUNT 1010			
	CHECK	TOTAL:	174,179.99CR
	DEPOSIT	TOTAL:	504,886.95
	INTEREST	TOTAL:	0.00
	MISCELLANEOUS	TOTAL:	108,469.72CR
	SERVICE CHARGE	TOTAL:	4,144.83CR
	EFT	TOTAL:	0.00
	BANK-DRAFT	TOTAL:	35,867.71CR

COMPANY: 999 - POOLED CASH FUND
ACCOUNT: 1010 CASH - POOLED
TYPE: All
STATUS: All
FOLIO: All

CHECK DATE: 9/01/2022 THRU 9/30/2022
CLEAR DATE: 0/00/0000 THRU 99/99/9999
STATEMENT: 0/00/0000 THRU 99/99/9999
VOIDED DATE: 0/00/0000 THRU 99/99/9999
AMOUNT: 0.00 THRU 999,999,999.99
CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	---------DESCRIPTION----------	----AMOUNT---	STATUS	FOLIO	CLEAR DATE

TOTALS FOR POOLED CASH FUND	CHECK	TOTAL:	174,179.99CR
	DEPOSIT	TOTAL:	504,886.95
	INTEREST	TOTAL:	0.00
	MISCELLANEOUS	TOTAL:	108,469.72CR
	SERVICE CHARGE	TOTAL:	4,144.83CR
	EFT	TOTAL:	0.00
	BANK-DRAFT	TOTAL:	35,867.71CR

Disaster Reimbursements (Federal & State)						
Year of event	**Disaster**	**Project**	**Description**	**Completion**	**Reimbursed?**	**Reimbursements**
2017	4301	LHHVA01	Pump&Dump	100%	100%	$ 214,133.04
2017	4301	LKHVB01	Repair&Labor	100%	100%	$ 16,748.90
2017	4308	LKHVA81	Pump&Dump	100%	100%	$ 390,533.63
2017	4308	LKHVB81	Repair&Labor	100%	100%	$ 5,317.17
2017	4308	LKHVF83	Repair&Labor	100%	100%	$ 652,310.53
2019	4434	100063	Pump&Dump	100%	100%	$ 916,723.31
2019	4434	100118	Repair	100%	100%	$ 13,101.71
2019	4434	100126	Repair&Labor	100%	100%	$ 39,032.81
2019	4434	101502	Repair&Labor	100%	100%	$ 33,321.19
2019	4434	100138	Repair: Chip seal the WWTP Access Road	100%	90%	$ 140,207.20
2020	4482 COVID-19	138890	Materials: Purchased for disinfection, and infection prevention methods	100%	100%	$ 11,095.33
2020	4482 COVID-19	7012022	Materials: Purchased for disinfection, and infection prevention methods	100%	0%	$ 46,675.76
2020	4558 LNU Complex Fire	Cat B **75% (FEMA)** 18.75% (CalOES) **Changing to 90% (FEMA) 7.5% (CalOES)**	Emergency protective measures -Chipping & Spreading	100%	97.5%	$ 146,250.00
2020	4558 LNU Complex Fire	Cat B **100% (FEMA)**	Continuity of Operations - Generators - Smoke Soot and Ash	100%	100%	$ 20,747.18
2020	4558 LNU Complex Fire	Cat B **90%** (FEMA) 7.5% (CalOES)	Continuity of Operations - Generators - Smoke Soot and Ash	100%	97.5%	$ 44,690.95

Totals:	$ 2,690,888.71
Actual:	$ 2,644,212.95

Access Road

6/10 Multiple messages exchanged regarding project closeout. Direct Administrative Costs (DAC) submitted
6/29 Responded to project timing inquiry
8/19 CalOES project closeout team has submitted to FEMA

Firebreak

6/22 Received check for $1,787.80
8/16 Received Notice of Payment for the firebreak, $3,938.00
9/13 Received $3,938.00 check

COVID 19

7/1 Submitted reimbursement request for $46,675.76

Federally funded, non-disaster projects (HMGP, BRIC)					
Related Disaster	**Project**	**Description**	**Completion**	**Reimbursed?**	**Reimbursement**
4344	512	LHMP: Writing the Plan	100%	100%	$ 86,124.54
4382	112	Unit 9 Tank: Replacing this tank	0%	0%	$ 1,300,000.00
4407/4431	57	Generators: Installing at Booster Stations	0%	0%	$ 748,048.00
4558	398 Phase 1	Defensive Space, Ignition Resistant Construction (DSIRC)	0%	0%	$ 256,750.00
4558	398 Phase 2	Defensive Space, Ignition Resistant Construction (DSIRC)	0%	0%	$ 783,950.00
4558	428	Water Mains Planning	0%	0%	$ 375,962.00
	1745	Water Intertie	0%	0%	$ 7,000,000.00
	1857	FLASHES	0%	0%	$ 25,855,000.00

Totals:	$ 36,405,834.54
Actual:	$ 86,124.54

Unit 9 Tank
8/1 Submitted NPA Cost analysis & justification for proposal accepance
9/7 NPA was approved
9/27 Kick-off meeting. Beginning data share
10/5 Submitted quarterly report & reimbursement request of $13,740.63

Generators
8/15 Project was approved
10/5 Submitted quarterly report & reimbursement requests of $12,636.77

Defensive Space, Ignition Resistant Construction (DSIRC)
7/20 Phase 1 approval
8/26 RFP for Design Plans & Specifications submitted
9/9 Field walk-thru
9/14 Deadline for questions
9/30 RFP Deadline, received 3 responses
10/3 Submitted follow-on questions to all three responders
10/6 Submitted quarterly report & reimbursement requests of $21,965.99
10/11 Staff recommendation agendized

Water Mains Planning
9/7 Project was approved
10/6 Kickoff meeting

Water Intertie
9/1 Submitted Notice of Intent (NOI) to BRIC program
9/7 CalOES discussion of eligibility & re-write
9/8 NOI re-submittal
9/9 Subapplication invitation
9/21 Received M'Town water permit info from DWR, SWRCB
9/29 Received CalTrans contact info from County
10/6 BCA Technical Assistance meeting

FLASHES
8/29 Pre-NOI CalOES consultation
9/15 NOI submittal
10/4 BCA Technical Assistance meeting
10/18 County FLASHES Letter of Committment Amendment agendized

State Funded projects (Prop 1, Prop 68, BIL)					
Funding Agency	**Project**	**Description**	**Completion**	**Reimbursed?**	**Reimbursement**
DWR/IRWM	206	I & I	75%	62%	$ 375,000.00
DWR/IRWM	205	Unit 9 Tank	10%	0%	$ 450,000.00
DWSRF	49879	Mainlines	0%	0%	$ 806,112.00
DWSRF	50215	Intertie	0%	0%	$ 3,000,000.00

Totals:	$ 4,631,112.00
Actuals:	$ 232,500.00

I&I, Unit 9 Tank

7/7 **I & I:** Received notification of construction management assignment to project
7/19 **I & I:** Received Q4 2021 reimbursement of $10,393.
8/9 **I & I:** Lead agency project update meeting
8/11 **I & I:** Pre-construction kick-off meeting
8/24 **I & I:** Notice of Exemption was submitted to CEQAnet
8/31 **I & I:** Progress report and reimbursement request sent to DWR

6/1 **Unit 9 Tank:** Received confirmation that RFP submittal is allowed prior to being removed from placeholder status
6/21 **Unit 9 Tank:** Submitted monitoring plan
7/13 **Unit 9 Tank:** Lead Agency update at scheduled IRWM meeting
7/14 **Unit 9 Tank:** DWR request to be notified 14 days before final inspection
8/11 **Unit 9 Tank:** Lead agency project update meeting
8/31 **Unit 9 Tank:** Progress report sent to DWR
9/27 **Unit 9 Tank:** Data sharing on project Design contract and Resolution

Mainline Rehabilitation

5/5 Submitted General Application Package (GAP) - Planning to the DRSRF program
5/23 Submitted Environmental Application Package (EAP), Financial Security Package (FSP), and Technical Package (TP) except two attachments, T3 and T4.
6/14 GHD Task Order contract fully executed. GHD will assist in the completion of this application
7/6 Received notification of SRF project manager assignment.
8/31 Scope & eligibility discussion with GHD
9/28 Continued discussions on MHI and total project costs
10/14 Scheduled meeting with SRF Representative

Intertie

9/8 Submitted General application package (1 of 4)

AMI
6/2 Placed next order of meters & radios according to project plan and budget
7/1 Developing RFP for contracted installs
7/8 Troubleshooting error codes of existing installs
7/8 Transition training continues
7/22 RFP submitted
8/18 RFP responses due
8/29 Coordinating temporary staffing
9/29 Verizon meters have arrived, unprovisioned

IRWM/DWR
3/9 $2M Mainlines PIF accepted into WestSideSAC IRWM project list
5/11 $60M FLASHES project accepted to project list
6/15 New funding opportunity advertised
7/1 Developing application
7/13 Westside SAC IRWM meeting scheduled
9/14 Next IRWM meeting postponed, new HVLCSD PIF agendized
9/29 IRWM Meeting, Middletown Intertie added to Project Plan

Drought & COVID Relief Funding
4/27 Met with Sen McGuire to discuss District needs & funding opportunities
6/8 Submitted request for update to letter sent 3/4/22 regarding Fiscal Recovery Funding. The county responded with a timeline estimate for review
7/19 County Board of Supervisors neither approved nor denied HVLCSD revised request. The ARPA/SLFRF committee will re-convene to discuss HVLCSD's revised request.

SCADA
5/13 SCADA Master Plan agendized to be approved & adopted by the Board of Directors.
6/3 GHD will move forward with a fee proposal for Phase 2
6/30 Received fee proposal for Phase 2
9/1 Building network security
10/10 Meeting with GHD to discuss next steps

Other activities
7/1 Submitted District newletter in printed bills and e-bills
7/6 Middletown Intertie meeting with County of Lake, Middletown Water District, and HVLCSD
8/2 A proclamation commending Lake County Americorps Civicspark Fellows was presented at the Board of Supervisor's meeting
8/4 LIHWAP assistance facilitated one residential unlock.
8/29 Assisting with manual meter reading
10/1 Submitted District newsletter in printed bills and e-bills

ACTION OF
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT

DATE: October 11, 2022

AGENDA ITEM: Discussion: Adopt Resolution 2022-10 Award of Contract to Bennett Engineering for the Planning, Engineering and Design for the DSIRC Project.

RECOMMENDATIONS: Adopt Resolution 2022-10 Award of Contract to Bennett Engineering for the Planning, Engineering and Design for the DSIRC Project.

FINANCIAL IMPACT: $337,093

BACKGROUND:

The District recognizes the importance of Water Reliability, which is supported in the Capital Improvement Plan and the adopted LHMP of 2020. Staff has taken action to mitigate against the risk of natural hazards to District infrastructure.

A Request For Proposals (RFP) was issued on August 26, 2022 to seek Planning, Engineering and Design expertise for the Defensive Space Ignition Resistance Construction (DSIRC) Project. DSIRC seeks to replace a wooden water storage tank with non-combustible material, enclosed the source water wellheads with non-combustible materials, and implement a vegetation thinning plan to increase the resilience of this infrastructure to natural hazards. The Hazard Mitigation Assistance (HMA) Contracting Guidance for FEMA-Eligible Projects, Non-State Subrecipients document explains that an RFP is an eligible method of procurement for the professional services needed (See attached). On September 30, 2022, the District received three responses.

Staff analyzed each of the three responses for their adherence to the Proposal Requirements listed in the RFP, and the level of commitment to the proposed Scope of Work listed in the RFP. The Fee Proposals for each responder were also reviewed for their value to the District, as well as the adherence to the above-mentioned guidelines. Staff went on to seek clarification from each of the three responders on various items. After a thorough review and follow-up correspondence with the responders, staff recommends an Award of Contract be issued to Bennett Engineering.

Bennett Engineering is a Disadvantaged Business Entity and Certified Small Business Enterprise with deep experience in water resource projects. They have applied value engineering to their approach of this project in design, materials, and bid support. They were quick to respond inquiries, and quite flexible in pricing negotiations.

Attached to this staff report are; page 4 of HMA Guidance, RFP, Bennett Engineering response, and Bennett Engineering fee proposal.

Eligible Methods of Procurement

Methods	When to Use
Micro Purchases	Contract aggregate amount ≤ $10,000* • Do not require bids/solicitation. • Price must be reasonable and awarded to a responsible contractor.
	See 2 CFR §200.67 and FEMA PGFMS Ch. V ¶ 2.b - 2.d
Small Purchases	Contracts ≤ $250,000* • Only qualified responsibly contractors should be solicited for quotes. • Must receive an adequate number of quotes from qualified sources. • If the lowest quote was not accepted, document the reason.
	See 2 CFR §200.320(b) and FEMA PGFMS Ch. V ¶ 2.e
Sealed Bids	Contracts > $250,000* *Used when price is the primary consideration used to select the contractor.* • Advertised for bidding using an Invitation for Bids, and solicited to known contractors. • Advertisement period must provide sufficient time for contractors to respond. • Minimum of 2 (preferably more) responsive/responsible bidders required. • Awarded to lowest responsive and responsible bidder. • Any and all bids may be rejected if there is a sound documented reason.
	See 2 CFR §200.320(c) and FEMA PGFMS Ch. V ¶ 2.f
Competitive Proposal	Contracts > $250,000* *Used when other factors are at least equal to price when selecting the contractor.* **Price is a Selection Criteria** • Advertised using a Request for Proposals (RFP). **Price is not a Selection Criteria (Limited to Architect and Engineering Services)** • Advertised using a Request for Qualification (RFQ). • Price is negotiated after the contractor is selected. • Must be advertised and the bid period must provide sufficient time for contractors to respond. • Evaluation factors and their importance must be listed in the advertisement. • Procedure for conducting evaluations must be documented beforehand. • Proposals must be solicited from adequate number of qualified sources. • Minimum of 2 (preferably more) responsive/responsible contractors required.
	See 2 CFR §200.320(d) and FEMA PGFMS Ch. V ¶ 2.g
Non-Competitive Proposal	Acceptable when 1 or more of the following apply: • The item is available only from a single source. • Noncompetitive proposal has was given express authorization from FEMA or Cal OES. • Work must start immediately due to a public emergency or exigency. • Competition was determined inadequate following competitive solicitation procedures. **Contracts awarded without price competition must also:** • Have a documented cost analysis justifying the contract's price. Page 14 of FEMA's Pricing Guide • Include the contractor's profit as a separately negotiated cost element. 2 CFR § 200.323(b)
	See 2 CFR §200.320(f) and FEMA PGFMS Ch. V ¶2.h

* The $10,000 Micro Purchase and $250,000 Simplified Acquisition Thresholds are periodically adjusted and defined in FAR 2.1

Hidden Valley Lake
Community Services District

Issued: Friday, August 26, 2022

Request for Proposals

Planning, Engineering and Design for the Defensive Space Ignition Resistant Construction (DSIRC) Project

Submission Deadline: 2pm, Friday, September 30, 2022

Contents

Introduction

The Hidden Valley Lake Community Services District (District) is requesting proposals from consulting firms for the planning, engineering and design of the Defensive Space Ignition Resistant Construction (DSIRC) project. The DSIRC project is specifically designed to reduce both HVLCSD and the community's vulnerability from the damaging effects of wildfire by thinning vegetation, and erecting ignition resistant structures in key locations of HVLCSD's water distribution infrastructure. Defensive space principles will be applied to HVLCSD's 13.1 acres, one water storage tank will be replaced, and two wellheads will be housed in ignition resistant structures.

Background

In the late 1960s, the Boise-Cascade Corporation developed the Hidden Valley Lake planned community. Much of HVLCSD's lands and infrastructure have not been improved since its original development.

HVLCSD's water storage and source water parcels total approximately 13 acres. These lands are either forested or have thick undergrowth. Hidden Valley Lake scores extremely high in the wildfire risk category according to the CalOES Hazard Risk analysis, at the 98th percentile[1]. The principles of the National Fire Protection Association's (NFPA) Codes and Standards document 1144 and Public Resource Code (PRC) 4291 provide a guide for vegetation thinning and management (attached).

During the Boise-Cascade development period redwood tanks were constructed to store drinking water. After 50 years, these tanks have exceeded their useful life, and are showing signs of wear. The population of the community has also grown over this long expanse of time. The devasting effects of wildfire in the region have placed a priority on building resiliency, and redwood tanks are not resilient. The calculations provided in HVLCSD's Water Master Plan Update (2001) were used to determine the appropriate capacity of the replacement tank to provide adequate fire flow under existing development conditions. Proposed tank volumes, dimensions and elevations are included in the Tank Sizing Memo (attached).

Two of the source water wells for the community were drilled in 1990. Some improvements have been made over time, but the wellheads remain exposed. In 2015, the Valley Fire raged through this area, and rendered the wells inoperable. It took eight days of emergency repair work to bring all systems back on-line. One well remains slightly below base flood elevation. The wellhead area continues to be vulnerable to climactic disruptions and represents a strong negative impact to the community in the event of failure. HVLCSD plans to mitigate this risk by enclosing the wellheads in ignition resistant construction.

In 2019, the District applied for grant funding for the project from the Federal Emergency Management Agency (FEMA) through the Hazard Mitigation Grant Program (HMGP). In 2022, the District was awarded phased funding for the project.

Scope of Work

A proposed scope of work is shown below. The Consultant shall effectively organize and co-manage workflow with District staff, implement quality controls/assurances, achieve performance parameters

[1] https://calema.maps.arcgis.com/apps/dashboards/3c78aea361be4ea8a21b22b30e613d6e

(ie budget, schedules, milestones, and deadlines), collaboratively engage with District staff, present and co-lead at public outreach meetings, and conduct work professionally and productively.

Project Design

- The Consultant should meet with District staff to kick-off project, review the terms of the professional services contract, observe site conditions, and identify design constraints and opportunities.
- The Consultant should review the HMGP DSIRC Scope of Work (attached) to effectively plan and design the construction project.
- The Consultant should conduct all appropriate environmental investigations to meet Federal Environmental and Historic Preservation requirements.
- The Consultant should review potential constraints identified by HVLCSD staff. One wellhead may need to be raised to base flood elevation prior to concrete pad buildout. The new water storage tank height must accommodate existing pumping station capacity.
- The Consultant should undertake, coordinate and schedule a potholing effort to verify the location and depth of potential utility conflicts. The location of all potholes will be included in the plan sheets.
- The Consultant should conduct geotechnical investigations for tank foundations in accordance with Process Industry Practices (PIP) for vessels.
- The Consultant should review and be proficient in NFPA 1144 and PRC 4291 for vegetation thinning and management planning.
- The Consultant should continue with design specifications and plans through Final Design (with submittals of information to review at the 35%, 65%, 95%, Final stages of the project documents). The Consultant will provide civil, mechanical, structural, architectural, electrical, and instrumentation design drawings, contract documents and specifications for each project task. Project drawings are to be "to scale" and furnished to the District in Portable Document Format (PDF) file format. Final drawings are also to be furnished in Autodesk AutoCAD format.

  The Consultant shall prepare bid documents, including plans and specifications which will include all necessary work for a complete and functional DSIRC project, including:

  Defensive Space
  - A vegetation thinning plan for three parcels in compliance with NFPA 1144 and PRC 4291[2] that specifies the level of removal from each ignition zone, including figures for cut & fill, estimate of ladder fuel removal, and tree removal count.
  - A vegetation maintenance plan that shows the extent of vegetation clearing and pruning for maintaining the defensible space around project infrastructure.

  Storage Tank
  - A demolition plan that shows the limits of removal for the existing fencing, tank, trees, piping and appurtenances to be removed
  - A grading and drainage plan that shows the expanded pad, and drainage features that will convey stormwater to existing drainage channels
  - A foundation plan that includes reinforced-concrete ring for the tank.

[2] https://www.fire.ca.gov/programs/communications/defensible-space-prc-4291/

- A tank and piping plan that shows the new tank and appurtenances, and new piping connections to the existing water mains.
- Electrical plans showing tank controls and telemetry
- Additional sheets that show structural details for the foundation, sections, details for fencing, piping, and tank appurtenances.

Wellhead structures

- A foundation plan that exhibits compliance to base flood elevation requirements.
- Structural details of ignition resistant construction.

- The Consultant should develop a project specific Stormwater Pollution Prevention Plan (SWPPP) and Best Management Practices (BMPs). The SWPPP shall be prepared by a Qualified SWPPP Developed (QSD) licensed by the California Stormwater Quality Association (CASQA). The Consultant will upload the SWPPP to the State's SMARTS database no less than six weeks before contractor's mobilization date for start of construction.
- The Consultant should provide estimates of probable construction cost with each submittal. The format shall be consistent with the bid schedule to be utilized for the project.
- The Consultant should perform value engineering efforts with each submittal and document any recommended cost savings that should be considered by the District.
- The Consultant will prepare all necessary permits to finalize Lake County Community Development Department requirements.

The District will advertise and circulate the bid documents for public bidding of the project for construction. The Consultant will respond to bidder's questions, make clarifications, and prepare written addenda as needed. The Consultant shall review the bids and make a recommendation for award. The Consultants will prepare conform plans and specifications, in response to changes based on addenda.

Proposal Requirements

Proposals are to be straightforward, clear, concise, and responsive to the information requested. In order for proposals to be considered complete, proposers must provide all requested information.

1. Cover Letter
   - Name, address, and telephone number of the firm.
   - Signed by an authorized representative of the Consultant. The Consultant shall furnish documentation that the person signing the proposal is empowered with signatory authority for the Consultant.
   - State the proposal is firm for a 90-day period from the proposal submission deadline.
   - Pledge to have the ability to perform successfully under the terms of the Professional Services Agreement, giving consideration to such matters as integrity, public policy compliance, record of past performance, and financial and technical resources (2 CFR 200.318(h)).
2. Experience and Project Examples
   - List three of the most relevant projects, with contact names, phone numbers, and email addresses of clients where the services were performed.

3. Project Team Information
    - Please include all subconsultants, taking into consideration the affirmative steps listed in 2 CFR 200.321
    - Provide resumes for key staff, in an appendix
4. Project Understanding and Approach to Work
5. Scope of Work
6. Amount of effort (in hours) anticipated for each task of the work.
7. Project Schedule
    - Proposal shall include level of effort detail for every task, for every subconsultant
8. Fee Proposal (to be attached in a separate sealed envelope.)
    - Proposal shall include an hourly breakdown and total costs for each task, as well as any additional costs.

Submittal Process

It is the responsibility of each proposer to be familiar with all of the specifications, terms and conditions of the RFP. Each proposer shall submit its proposal with the understanding that the proposal will become a part of the official file on this matter and shall be subject to disclosure, if requested by a member of the public, following the completion of negotiations. By submitting a proposal, each proposer certifies that all statements in this proposal are true.

The District is not liable for costs incurred in the preparation of this submission and any other subsequent submissions or presentations. The District reserves the right to accept or reject any submission when it is considered to be in the best interest of the District.

On or before 2:00pm PDT on Friday, September 30, 2022 please submit an electronic copy of the proposal in PDF to Alyssa Gordon(agordon@hvlcsd.org) with the following subject line: RFP Response - DSIRC Consulting Services. The fee proposals should be sent via mail in sealed envelopes, attention Alyssa Gordon, to the District Office.

HVLCSD
19400 Hartmann Road
Hidden Valley Lake, CA 95467
Attn: Alyssa Gordon

Questions regarding the RFP may be submitted to Alyssa Gordon via email (agordon@hvlcsd.org) prior to the deadline of Wednesday September 14, 2022

RFP Schedule

Advertisement of RFP	Friday August 26, 2022, 2PM PDT
Field walk-through (optional)	Friday September 9, 2022, 10AM PDT
Deadline for questions	Wednesday September 14, 2022, EOB PDT
Deadline for District responses	Wednesday September 21, 2022, EOB PDT
Deadline for RFP submittal	Friday September 30, 2022, 2PM PDT

District Proposal review	Ends Friday October 7, 2022, EOB PDT
Award of contract (tentative)	Wednesday October 18, 2022

Selection Process

Consulting firms will be evaluated based on the following criteria:

Completeness of the Proposal
Overall project approach and scope of work
Relevant work experience
Qualifications of key project team members
Level of hourly effort estimated.

The District shall perform a thorough and fair evaluation of submitted proposals and facilitate the selection of a consulting firm that best satisfies the District's requirements. The District may select more than one firm to design these improvements and/or decide not to award any improvement contemplated in this RFP and/or execute multiple contracts with the same consultant, as may be in the best interests of the District. The District suggests that each proposer tailor their example projects to highlight how they are qualified for each phase of the improvements. The District reserves the right to accept or reject any or all proposals received as a result of this request, to negotiate with any qualified source, or to cancel in part or in its entirety this Request for Proposals, if it is in the best interests of the District to do so. The District may require the proposer selected to participate in negotiations, and to submit such price, technical, or other revisions of their proposals as may result from such negotiations.

Exhibits

1. NFPA 1144 Brochure
2. CalFire Defensible Space
3. Tank Sizing Memo, February 12,2021.
4. HMGP DSIRC Scope of Work
5. Professional Services Agreement
6. Photos

Little Peak Tank

STATEMENT OF QUALIFICATIONS PREPARED FOR THE
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT

PLANNING, ENGINEERING, AND DESIGN FOR THE

DEFENSIVE SPACE IGNITION RESISTANT CONSTRUCTION (DSIRC) PROJECT

BENNETT ENGINEERING SERVICES

SEPTEMBER 30, 2022

September 30, 2022

BEN|EN
TRUSTED ENGINEERING ADVISORS

Bennett Engineering Services
1082 Sunrise Avenue, Suite 100
Roseville, California 95661

T 916.783.4100
F 916.783.4110
www.ben-en.com

Hidden Valley Lake Community Services District
19400 Hartmann Road
Hidden Valley Lake, CA 95467
Attn: Alyssa Gordon

Re: Proposal for Planning, Engineering, and Design for the Defensive Space Ignition Resistant Construction (DSIRC) Project

To the Members of the Selection Committee:

We understand that the Hidden Valley Lake Community Services District (District) proposes to reduce combustible vegetative materials in four distinct project areas, replace one wood water tank with a steel construction tank, and cover two groundwater wells with an ignition-resistant structure to provide better protection from wildfires.

Our approach will be to focus on the critical tasks that could delay the project, such as the environmental study, geotechnical evaluation, and technical components of the design to ensure the project stays on schedule. Although the project is straightforward in scope and intent, the District will benefit from having an experienced project team that understands how to address the design challenges and will ensure the success of the project. Above all, good communication between team members and the District will help to keep the project on track. We have identified several project components that we will focus on by working closely with District staff. These include a thorough review of the geotechnical report, topographic and tree survey, and as-builts, maintaining a design that meets CEQA/NEPA exemption/exclusion requirements (if possible), coordinating early with the tank supplier, reviewing existing drainage capacities and design layout, communicating with the Division of Drinking Water early on in the project, and preparing a thoughtful construction access, staging, and sequencing plan. Our extensive experience in tank contractor partnering via Design-Build projects benefits the District on these issues.

The Bennett Engineering Services (BEN|EN) team consists of highly skilled professionals to fulfill the requirements listed in your RFP with myself, Stacey Lynch, PE, serving as project manager. As a principal of the firm, I have more than 17 years of civil engineering management and design experience with water tanks, pump stations, and well improvements. Our team has delivered many successful tank design projects for similar agencies including the City of West Sacramento, Nevada Irrigation District, City of Santa Cruz, and the City of Lincoln. Many of these projects included system hardening components similar to this project, including backup generators, protected equipment, backup data collection points for tank level, water system pressures, and water quality. Please refer to the 'Similar Project Experience' section for more detail.

I will be supported by a team of highly skilled, licensed engineers as well as specialists that our firm has teamed with on many projects. Brad Friederichs, our structural engineer, has performed similar work on many tank projects with the BEN|EN team including the tank foundation design for the West Sacramento tank and concrete masonry structures to house pump station equipment, generators, and associated electrical systems. John Calton, our electrical engineer, possesses extensive knowledge of design for electrical components for water tanks, SCADA system integration, and system hardening. The level of trust John holds with water system operators is un-matched in our region.

As vice-president of BEN|EN, I have authority to bind the firm/team and will be the signatory for any contracts resulting from this RFP. I will be your first point of contact and can be reached at 916.539.9418, slynch@ben-en.com, or at the firm's address: 1082 Sunrise Avenue, Suite 100, Roseville, CA 95661. I am available at any time to provide additional information or answer questions you may have.

We are excited to begin work on the projects identified in the District's RFP. We look forward to building a relationship with Hidden Valley Lake Community Services District personnel by exceeding expectations and delivering a successful project. This proposal shall remain firm for a 90-day period following the submittal date of September 30th, 2022.

We pledge we have the ability to perform successfully under the terms of the Professional Services Agreement, giving consideration to such matters as integrity, public policy compliance, record of past performance, and financial and technical resources (2 CFR 200.318(h)).

Thank you for the opportunity to propose.

Sincerely,
Bennett Engineering Services, Inc.

Stacey Lynch, PE
Vice President

EXPERIENCE AND PROJECT EXAMPLES

VERDERA NORTH TANK #3 AND PIPELINE

CLIENT
- City of Lincoln

REFERENCE
- Araceli Cazarez
  Associate Civil Engineer
  600 Sixth Street
  Lincoln, CA 95648
  916.434.2486
  Araceli.Cazarez@lincolnca.gov

DESIGN COMPLETED
- 2018

CONSTRUCTION COMPLETED
- May 2020

CONTRACT FEE
- $985,000

CONSTRUCTION COST
- $13,000,000

KEY STAFF
- Stacey Lynch, PE
- Michael Massaro, PE
- David Harden, PE
- Gabriel Rodell, PE
- Kati Sethares, EIT
- Ali Holladay, EIT

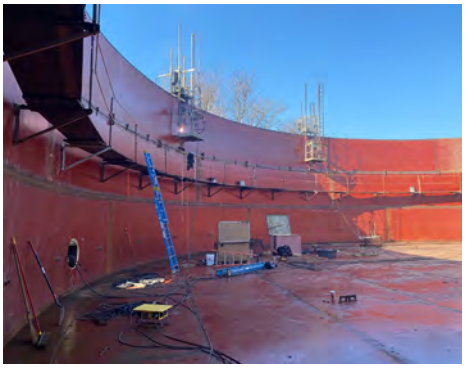
SUBCONSULTANTS
- J Calton Engineering (Electrical/ SCADA)
- Geocon (Geotechnical)

The purpose of the project was to provide the city with an adequate supply of water during a period of rapid growth. It would also provide additional redundancy. In addition to the 5MG tank and site improvements, the project included a 16-inch pipeline connection and a 36-inch pipeline connection to a metering station. The 960 LF of 16-inch pipeline provides water to the existing water system that serves an adjacent neighborhood. Approximately 5,500 LF of 36-inch pipeline provides water from the 5MG reservoir to the water system at a lower elevation. The pipeline design included evaluation of pipe material and a cathodic protection system. The design provided rough grading for a second 5MG tank.

Although the City funded the design and construction, Placer County Water Agency (who is the supplying water agency) owns, operates, and maintains the PR&M station. The City will still own, operate, and maintain the storage tank however. Placer County Water Agency and the City have worked together in a similar way on previous projects. BEN|EN ensured communication and coordination with city staff, PCWA, and other agencies. The BEN|EN team also provided public outreach support, including a presentation to the adjacent homeowner association.

CHALLENGES & SOLUTIONS

The tank site was underlain by a cemented volcanic mudflow rock formation, overlying variably weathered granitic rock. Such variability can lead to construction difficulties and non-uniform, foundation-bearing conditions for the new structures. Therefore, detailed geotechnical/geological assessment and analysis were essential for project success.



THE RIVERS TANK AND PUMP STATION

CLIENT

- City of West Sacramento (as a subconsultant to Gateway Pacific Contractors)

REFERENCE

- Mark Collier
  Community Development
  1110 West Capitol Avenue
  West Sacramento, CA 95691
  (916) 617-4645
  markc@cityofwestsacramento.org

COMPLETED

- March 2018 - Ongoing

CONTRACT FEE

- $730,000

CONSTRUCTION COST

- $7,600,000

KEY STAFF

- Stacey Lynch, PE
- Michael Massaro.PE
- Gabriel Rodell, PE
- Kaitlyn Sethares, EIT
- Ali Holladay, EIT

SUBCONSULTANTS

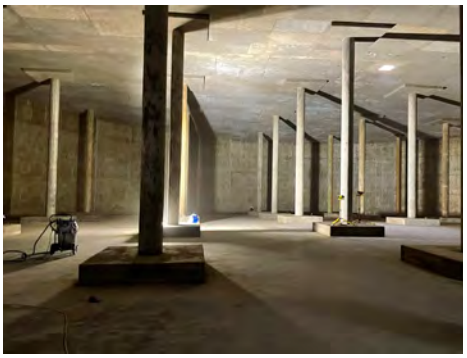
- J. Calton Engineering (SCADA/Electrical)
- VE Solutions (Structural)

A new water tank and booster pump station were added to the City's potable water system to serve a new school and housing development in the City's Rivers District. The 1.9MG welded steel water tank and pump station were designed with 134 auger cast pile supports that will prevent any settlement caused by the City's unstable sandy soil and high water table. The pump station includes two, 100-hp horizontal split case pumps, an altitude valve, a storage room, and a restroom. The relatively flat terrain challenged the team to provide a suitable drainage solution for tight site constraints and a narrow access road.

The design included numerous hardening components to enhance reliability during a natural disaster, including upgraded and protected electrical equipment housed in a building and supported by a back-up generator, extra backup generator receptacles on the outside of the building, back-up data collection points for tank level, pressures, and quality, pile supports to eliminate settlement, and a double ball flexible couplings to maintain the waterline to the distribution system during a seismic event.

CHALLENGES & SOLUTIONS

This was the City's first design-build project. The team was challenged working with and educating the City on how to handle project issues that developed. Our team devoted extra time explaining things and ensuring that City staff had a good understanding of the process. We worked with the City to ensure that all of the necessary permitting was in place as the design progressed.



ALTA SIERRA RESERVOIR REPLACEMENT

CLIENT

- Nevada Irrigation District (as a subconsultant to Gateway Pacific Contractors)

REFERENCE

- Doug Hobbs, PE
  Senior Engineer
  1036 W. Main Street
  Grass Valley, CA 95945
  530.271.6866
  hobbsd@nidwater.com

COMPLETED

- March 2020 - Ongoing

CONTRACT FEE

- $330,000

CONSTRUCTION COST

- $6.7 million

KEY STAFF

- Stacey Lynch, PE
- Gabriel Rodell, PE
- Kati Sethares, EIT

SUBCONSULTANTS

- J Calton Electric

The Nevada Irrigation District has selected the Gateway Pacific Contractors/Bennett Engineering Services design-build team to construct a 3-million-gallon water storage tank to replace the District's existing Hypalon-lined and covered reservoir. The tank will be an AWWA D110 Type I pre-stressed concrete tank with a concrete roof designed to withstand local snow loads. The design also includes yard piping, additional drainage improvements, mixers and blowers with sound attenuation, and electrical and SCADA system upgrades. Maintaining the existing berm, landscape screening, and new fencing and gate will minimize visual effects to the adjacent neighborhood. Construction will include demolition and removal of the existing Hypalon liner and cover and replacement of the District's existing water valves. Construction is expected to be completed in the fall of 2022.

CHALLENGES & SOLUTIONS

Working with the District to set the finish floor and water level for the tank and then selecting the tank size based on the available footprint of the site was a challenge. Changes to the distribution piping over the years, as well as future planned improvement warranted a re-evaluation of the hydraulic grade line and minimum floor elevation for the associated pressure zone. The District seeks to maximize the storage size of the tank without removing some of the existing visual barriers for the new tank. The BEN|EN team thoroughly examined the hydraulics of the system and the physical properties of the site to determine the height, width, and elevation of the new tank. The District possessed many iterations of record drawings from improvements that were previously completed onsite. The BEN|EN team was challenged to decipher these different versions to fully understand the existing infrastructure and how to best utilize the existing features in the new design. These efforts resulted in an innovative and cost-saving solution to use the currently abandoned reservoir inlet line as a drainage line for on-site drainage and overflow water. The old 16-inch waterline now has a new purpose.

SURVEY EXPERIENCE | UNICO

CEMENT HILL WTP AND PIPELINE

CLIENT

- Suisun-Solano Water Authority/ Solano Irrigation District (as a subconsultant to Bennett Engineering Services)

REFERENCE

- James Daniels
  Solano Irrigation District
  707.421.7320
  Jdaniels@sidwater.org

This Suisun-Solano Water Authority/Solano Irrigation District project provides a second pipeline from the Cement Hill Water Treatment plant to the Tank 2A and 2B sites. The new pipeline will consist of two segments. The southerly segment begins near the existing CHWTP and ends near the northerly right of way line of Clay Bank Road. The northerly segment begins at the southerly segment terminus at the northerly right of way line of Clay Bank Road and ends at the existing Tank 2A site. The overall combined length of the proposed pipeline is approximately 2,600 linear feet. UNICO provided land surveying services including research, horizontal and vertical control, boundary and right-of-way surveying, a drafted base map of the boundary and right-of-way, along with design level topographic surveying and mapping. In addition, plats and legal descriptions were required for temporary construction easements.

WALERGA ROAD AT DRY CREEK BRIDGE REPLACEMENT

CLIENT

- Placer County

REFERENCE

- Kevin Ordway
  Senior Civil Engineer
  530.889.6846
  kordway@placer.ca.gov

This project replaces the Walerga Road Bridge over Dry Creek between Baseline Road and PGE Road in Western Placer County. The new bridge will be a cast-in-place post-tensioned box-girder bridge that will be 100.5 feet wide and 513.5 feet long and will accommodate four 12-foot wide lanes, two 4-foot wide shoulders, a 12-foot wide Class 1 Bikeway and an 8-foot wide walkway. The bikeway and walkway will be separated from traffic by concrete barriers on each side. The new bridge deck will be approximately 14-feet higher than the existing bridge. Roadway approaches will be modified to accommodate the new profile. The project is funded through the federal highway bridge program. UNICO performed construction staking services.

MARIPOSA AVENUE SAFE ROUTES TO SCHOOL, PHASE 3

CLIENT

- City of Citrus Heights

REFERENCE

- Regina Cave
  General Services Director
  916.725.2448
  rcave@citrusheights.net

This federally funded project completed the final section of sidewalk/bike facilities on Mariposa Avenue between Skycrest Elementary School and Greenback Lane. The project constructed curb, gutter, sidewalk, bike lanes, curb access ramps, eight street lights on the east side of Mariposa between Northridge Drive and Eastgate Avenue, and constructed curb, gutter, and sidewalk along both sides of Farmgate Avenue from Mariposa Avenue to Our Way. Completion of this third phase resulted in nearly one-mile length of sidewalks, bike lanes, street safety lights and major intersection upgrades (results of previous SRTS projects) between the two schools. UNICO performed a topographic survey, reviewed agency and utility records, and produced a digital base map that identified improvement features. Right of way tasks included establishing right of way lines and producing plats and legal descriptions.

GEOTECHNICAL EXPERIENCE GEOCON

VERDERA NORTH TANK #3 AND PIPELINE

CLIENT

- City of Lincoln (as a subconsultant to Bennett Engineering Services)

REFERENCE

- Araceli Cazarez
  Associate Civil Engineer
  600 Sixth Street
  Lincoln, CA 95648
  916.434.2486
  Araceli.Cazarez@lincolnca.gov

Geocon performed a geotechnical investigation for Tank #3 at Catta Verdera North. The project consisted of constructing two new 10-million-gallon circular, pre-stressed concrete water storage tanks and associated 36-inch diameter water pipeline within the eastern portion of the City of Lincoln. The site is located north of the Verdera residential development, on the north side of a spur ridge. The site included an approximately 2½-acre abandoned rectangular water storage pond at the top of the ridge with pond bottom elevations of approximately 582 feet to 588 feet above mean sea level (MSL). The proposed distribution pipeline alignment extends westward approximately 5,000 feet along an existing gravel road at elevations of approximately 554 feet to 520 feet MSL, then along the north side of Twelve Bridges Drive down to an elevation of approximately 388 feet MSL. The purpose of our services was to evaluate the subsurface conditions at the project site and provide geotechnical recommendations for design and construction of the project.

WATER SYSTEM IMPROVEMENTS

CLIENT

- Markleeville Water Company (as a subconsultant to West Yost)

REFERENCE

- Mary Young
  Principal Engineer
  West Yost Associates
  2020 Research Park Drive, Ste. 100
  Davis, CA 95618
  530.756.5905
  myoung@westyost.com

Geocon performed a geotechnical investigation report for the Markleeville Water System Improvements project located in Alpine County. The project consisted of replacing approximately 3.4 miles of water distribution pipeline, service laterals, water meters, and fire hydrants. The project also included a new pump station, treatment equipment, and water tank at the existing water treatment plant. The Markleeville Water Company is planning to replace approximately 3.4 miles of water distribution pipeline, service laterals, water meters, and fire hydrants. The new pipelines and valves will allow the Town of Markleeville to be served by the existing Pleasant Valley Tank. In addition, a new pump station, treatment equipment, and possibly a tank will be constructed at the existing treatment plant as well as general treatment plant improvements.

WATER SYSTEM IMPROVEMENTS

CLIENT

- Gilroy Yamato Hot Springs

REFERENCE

- Mike Zuccaro
  Associate Architect
  California Department of Parks and Recreation - Monterey District
  2211 Garden Road
  Monterey, CA 93940
  831.649.2836
  mike.zuccaro@parks.ca.gov

Geocon performed a geotechnical investigation for the Gilroy Yamato Hot Springs. The project consisted of constructing a water supply tank at Gilroy Yamato Hot Springs near Henry W. Coe State Park in Santa Clara County. California Department of Parks and Recreation (DPR) plans to construct a 10,000 gallon (approximate) above-ground steel water storage tank (or multiple smaller tanks) on a hillside above the hot springs cabin complex. The proposed tank site is located west of the cabin complex on a hillside. The purpose of our services will be to evaluate subsurface conditions at the site and provide geotechnical recommendations for design and construction of the project.

STRUCTURES EXPERIENCE
VE SOLUTIONS

THE RIVERS TANK AND PUMP STATION

CLIENT

- City of West Sacramento (as a subconsultant to Bennett Engineering Services)

DESIGN COMPLETED

- 2021

CONSTRUCTION COMPLETED

- 2022

Structural engineer for an auger cast pile and concrete mat slab foundation for the steel tank. Structural design for a 30 ft x 80 ft CMU building also placed on auger cast piles. The piles reduce settlement due to liquefaction in 2015.

GOLD RUN PIPELINE AND PSV STATION

CLIENT

- Placer County Water Agency (as a subconsultant to Bennett Engineering Services)

DESIGN COMPLETED

- 2013

CONSTRUCTION COMPLETED

- 2014

This pipeline replacement project included relocation of the pressure sustaining valve station. Brad Friederichs (VE Solutions) was the structural engineer for a 15 ft x 40 ft CMU building on a stepped concrete foundation. The foundation system has an integral wet well.

SIPHON LANE PUMP STATION

CLIENT

- Nevada Irrigation District (as a subconsultant to Bennett Engineering Services)

DESIGN COMPLETED

- 2016

CONSTRUCTION COMPLETED

- 2016

Project structural engineer for a 25 ft wide x 45 ft long CMU building with a wet well, canal intake and weir structure. The site is situated between the DS Canal on one side and a very steep cliff on the other, with an access road along the cliff. The station configuration was designed to use the smallest footprint possible while providing maintenance access to the equipment.

ENVIRONMENTAL EXPERIENCE ECORP

PIONEER WATER REHABILITATION PROJECT (CEQA/NEPA)

CLIENT

- Amador Water Agency

REFERENCE

- Brandt Cook
  Staff Engineer
  12800 Ridge Road
  Sutter Creek, CA 95685
  209.257.5206
  bcook@amadorwater.org

DATES OF SERVICE:

- April 2016 to Ongoing

The Amador Water Agency (AWA) proposed to construct a new pipeline to increase fire flow and improve the distribution system quality in the Buckhorn Ridge and Carson Drive area of the Central Amador Water Project (CAWP) system. Funding for the project is through a Community Development Block Grant (CDBG) administered by the U.S. Department of Housing and Urban Development (HUD). The AWA's CAWP distribution system is largely composed of undersized and aging piping and facilities. Few areas within this distribution system are able to deliver current industry standard fire flows. In fact, many areas of the system cannot even deliver a fraction of the current standard fire flow (1,500 gallons per minute) without creating extremely low or negative pressure in the distribution system. Proposed improvements included 9,250 feet of pipeline, connection to an existing tank, and replacement of pressure reducing valves.

ECORP was retained by AWA to prepare CEQA and NEPA documentation and associated technical studies including air quality and greenhouse gases, biological resources, cultural resources, and a health risk assessment in support of the Proposed Project. ECORP conducted field survey's early in the process in order to avoid resources and eliminate the need for permits. In addition, ECORP worked closely with AWA to provide AB 52 tribal coordination support and assisted AWA staff with the CDBG Program documentation to ensure all the requirements were met. To qualify for additional grant funding for the coming year, AWA was required to spend at least 51 percent of its in-place grant funding. ECORP was tasked to complete the environmental review under an extremely aggressive expedited schedule to ensure that AWA met this requirement by completing all environmental services by November 2016. Due in large part to ECORP's performance, AWA received the additional grant funding it sought and was able to initiate bid solicitation for project construction.

TANK A&B REPLACEMENT

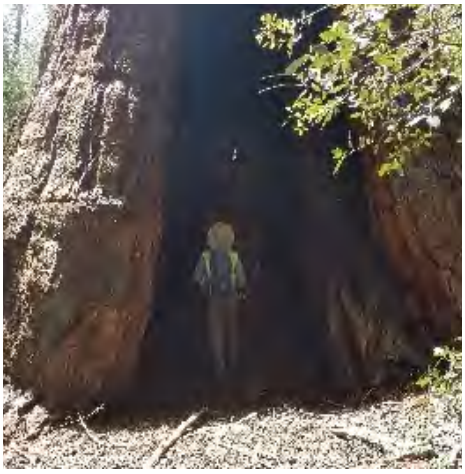
CLIENT

- Amador Water Agency

REFERENCE

- Brandt Cook
  Staff Engineer
  12800 Ridge Road
  Sutter Creek, CA 95685
  209.257.5206
  bcook@amadorwater.org

The Amador Water Agency (AWA) Tank A and B Replacement Project involved replacement of the two existing aboveground water storage tanks (0.25 million and 0.50 million gallon capacity, respectively) with two new 1 million-gallon aboveground water storage tanks on the adjacent parcel. The new aboveground covered tanks are approximately 75 feet in diameter and 36 feet in height and constructed from welded steel plates. The new tanks sit on concrete pads with a 13-foot gravel setback. The site is surrounded by an 8-foot-tall perimeter chain link fence and has two gated and paved entrance points (one existing and a new one at the northwest corner of the site). The project also included placement of overflow vaults on the north/northwest side of the tanks, meter vaults just south of the tanks, and a fire hydrant near the southern property line. Once the new tank construction was completed, the existing tanks were demolished. ECORP was retained by AWA to complete an expedited IS/MND along with supporting Air Quality, Greenhouse Gas, and Noise Analysis.



NEPA – BIG STUMP/REDWOOD MOUNTAIN FUEL REDUCTION PROJECT

CLIENT

- Sequoia National Forest

REFERENCE

- Marianne Emmendorfer
  Certified Silviculturist
  559.338.2251
  mmemmendorfer@usda.gov

ECORP prepared a NEPA EA and technical studies for botany, wildlife, hydrology, and air quality/climate change, and managed subcontractor-prepared common stand exams in support of this 3,080-acre project in the Hume Lake Ranger District. The proposed project included hand removal of dead and dying vegetation and prescribed burns to control fuels.

NEPA – THREE FUELS REDUCTION PROJECTS

CLIENT

- San Bernardino National Forest

REFERENCE

- Scott Eliason
  Acting District Ranger
  909.382.2830
  scott.eliason@usda.gov

ECORP provided NEPA compliance services, biological resources and public participation assistance for three fuel reduction projects in the San Bernardino National Forest. A cultural resources evaluation and scenery and recreation report were also provided for one of the projects. The projects included:

- **Santa Ana Fuelbreak**. Prepared an EA, cultural resources survey and evaluation, wildlife evaluation, scenery and recreation report, and public participation report for a 2,000-acre fuel break located between Highland and Running Springs
- **Angelus Oaks Fuelbreak.** Prepared an EA, wildlife evaluation, and public participation for a 535-acre fuel break near Angelus Oaks
- **Boa Fuelbreak**. Prepared a Categorical Exclusion/Decision Memo and provided a wildlife evaluation for an 834-acre fuelbreak near Lytle Creek.

ELECTRICAL EXPERIENCE
J CALTON ENGINEERING

VERDERA NORTH TANK #3

CLIENT

- City of Lincoln (as a subconsultant to Bennett Engineering Services)

REFERENCE

- Araceli Cazarez
  Associate Civil Engineer
  600 Sixth Street
  Lincoln, CA 95648
  916.434.2486
  Araceli.Cazarez@lincolnca.gov

Mr. Calton provided electrical and instrumentation design for this 5 MG tank, working with Bennett Engineering Services. Project included new electrical service, metering pedestal, control building with PLC Panel, water quality analyzers, regulating valve, altitude valve, and site lighting controls. Project also included a fiber optic cable run to existing Tank #2.

THE RIVERS PHASE II WATER TANK AND PUMP STATION

CLIENT

- City of West Sacramento (as a subconsultant to Bennett Engineering Services)

REFERENCE

- Mark Collier
  Community Development
  1110 West Capitol Avenue
  West Sacramento, CA 95691
  (916) 617-4645
  markc@cityofwestsacramento.org

Mr. Calton provided electrical design and engineering services during construction for the potable water tank and the pump station.

ON-CALL SUPPORT FOR THE WATER TREATMENT PLANT IN ROSEVILLE

CLIENT

- City of Roseville

REFERENCE

- Stephen Peterson
  WTP Chief Operator
  (916) 746-1996
  speterson@roseville.ca.us

Mr. Calton provided electrical design as needed for the City's water treatment plant including the distribution system.

PROJECT TEAM INFORMATION

PROJECT TEAM SUMMARY

Full resumes for all staff can be found in the appendix.

CIVIL ENGINEERING

BENNETT ENGINEERING SERVICES (BEN|EN)

BEN|EN takes pride in finding innovative and cost-effective engineering solutions to water resources projects including tanks, pump/lift stations, water and wastewater treatment plant improvements, pipelines, and grant funding acquisition, management, and reimbursement assistance.

Providing high quality civil engineering services to local cities, counties, private companies, and other professionals, has always been the firm's focus. Through ownership transitions Bennett Engineering Services, as it is organized today, has been providing service since 1995. The firm is a certified **Disadvantaged Business Enterprise (DBE #43459)** and certified **Small Business Enterprise (SBE #52302)**.

Stacey Lynch, PE

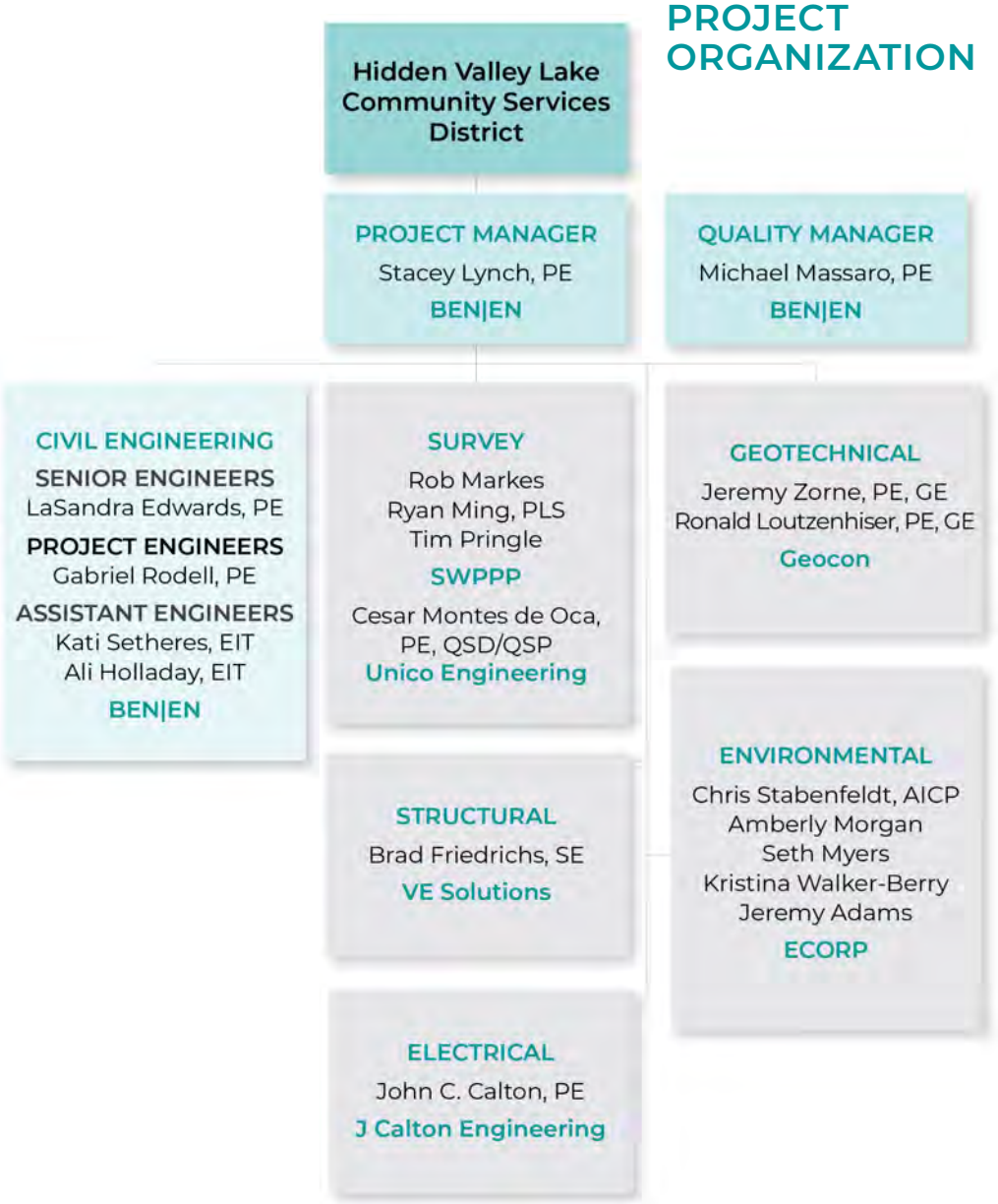
Project Manager

As Project Manager, Stacey Lynch will be the District's first point of contact. She can be reached at any time on her cell phone number: 916.539.9418 or email: slynch@ben-en.com. Stacey has more than 17 years of experience in the civil engineering field. She has extensive experience with storage tank design and pump station improvements and has managed a number of similar projects including the following (projects with a * were described in more detail in the previous section (Experience and Project Examples).

- Alta Sierra Reservoir Replacement, Nevada Irrigation District*
- Verdera North Tank #3 and Pipeline, City of Lincoln*
- The Rivers Tank and Pump Station, Phase 2 - Design Build, City of West Sacramento*
- Bay Street Reservoir Replacement/Pump Station, Phase 3, City of Santa Cruz
- Storage Tank and Pump Station Design, City of Biggs

As Project Manager, Stacey will oversee all aspects of the civil engineering design and subconsultant deliverables to deliver this project for the District on schedule, within budget, and in line with the District's expectations.

PROJECT ORGANIZATION



Michael Massaro, PE
Quality Manager

Mike Massaro will provide quality review and ensure quality control on all projects. Mike has 22 years of civil engineering experience managing design teams, subconsultants, budgets, and schedules. His projects have required the production of plans, specifications, cost estimates, public outreach, utility coordination, and coordination for environmental permitting. Mike's technical expertise and experience include water, sewer, and recycled water facilities, including pump stations, interceptors, and pipelines. He also provides engineering services during construction, reviewing submittals and requests for information and resolving challenges in the field.

Lasandra Edwards, PE
Senior Engineer

LaSandra Edwards has more than 20 years of engineering experience with water resources, wastewater collection, and wastewater treatment projects. LaSandra specializes in small and large diameter pipeline design, small diameter pipeline rehabilitation, and civil site design. Her pipeline design experience includes gravity and pressurized pipeline and trenchless construction methods such as microtunneling, pipe jacking, directional drilling, and two-pass tunneling.

Gabriel Rodell, PE
Project Engineer

Gabriel Rodell has more than nine years of experience in engineering consulting, including eight with the firm. His experience includes the design and analysis of drinking and potable water distribution systems, including pipelines and pump stations. Pipeline designs have included traditional open-cut approaches as well as trenchless approaches and creek crossings. He has coordinated with Regional and State Water Boards for permitting, regulations, and funding, performed calculations. prepared plans and specifications, and performed evaluations – such as alternatives analyses, feasibility studies, capacity evaluations, and inflow and infiltration studies.

Kati Sethares, EIT
Assistant Engineer

Kati Sethares has more than four years of professional civil engineering experience, all with Bennett Engineering Services. Since joining the firm, Kati has assisted with design and construction document preparation for water and wastewater pipelines, water storage tanks, pump stations, and well design projects. She has experience preparing funding applications for planning and construction of water and wastewater projects, State and County encroachment permits, and DDW variance requests. Kati has experience preparing technical documents, including feasibility studies, technical memorandums, rate studies, and fiscal sustainability plans.

Ali Holladay, EIT
Assistant Engineer

Ali Holladay has more than four years of experience in civil engineering. She started at Bennett Engineering Services five years ago as an engineering intern and has worked for the firm ever since. Ali has assisted with preliminary plan sets and cost estimates, prepared exhibits, performed final plan edits, hydraulic calculations, permit compliance and Report of Waste Water Discharge Permits and Anti-Degradation Analysis. She is technically proficient in AutoCAD, Civil3D and can sign in ASL (American Sign Language).

SURVEY | SWPPP

UNICO ENGINEERING (DBE)

Established in 2013, UNICO Engineering is a certified DBE firm that is fully committed to providing high quality construction management, engineering, and land surveying services to public and private clients. Unico's survey team has the technology and experience to address any surveying needs, including topographic mapping, bathymetric (hydrographic) surveys, ALTAs, boundary surveys, construction staking, easements, aerial surveys, right-of-ways, terrestrial LiDAR scanning and drone surveying. Using the latest in GPS and robotic total station technology, Unico staff works efficiently and delivers accurate results. They are experienced in delivering projects that meet local, state, and federal requirements.

SURVEYING

Rob Markes
Survey Manager

Rob Markes has worked in the survey industry for 34 years. As crew chief, Rob oversees field procedures and is responsible for all office and field personnel. He is an experienced, Survey Crew Chief, excelling in topographic mapping, construction staking, and boundary surveys. His land surveying expertise includes supervising and performing Global Positioning System surveys, topographic surveys, aerial control surveys, horizontal and vertical control networks, title surveys, boundary surveys, cadastral surveys, geodetic surveys, engineering surveys and construction surveys, plus construction control and staking for a wide range of projects.

Ryan Ming, PLS
Senior Land Surveyor

Ryan Ming is a professional land surveyor with over 20 years of experience in managing land surveying activities and staffing; responsible for ensuring that sound land surveying principles are followed and that quality assurance goals are obtained; as well as participating in the development of best practices related to land surveying. Mr. Ming has thorough knowledge of principles, practices and procedures of boundary surveys, ALTA surveys, topographical surveys, construction surveys, and control surveys.

Tim Pringle
Survey Party Chief

Tim Pringle is an accomplished Party Chief with a proven ability to carry out all aspects of land surveying from boundary determination, topographic surveys, construction stacking and mapping. His depth of experience ranges from private development work, utility mapping, flood plains, roadway, and bridges. His experience also includes using Global Positioning Systems, conventional robotic instruments, and laser levels.

SWPPP

Cesar Montes de Oca, PE, QSD/QSP
Storm Water Pollution Prevention Plan Developer/ Practitioner

Prior to forming UNICO Engineering, Cesar, was the Storm Water Manager for the City of Citrus Heights from 2010 to 2013. Cesar has performed the role of Resident Engineer, Assistant Resident Engineer, and Senior Inspector. His resume includes a variety of public infrastructure projects, as well as private residential and commercial land development projects. He has managed and inspected multiple projects, including roadway rehabilitation, underground utilities, storm drain infrastructure, overlays, Cured in Place Pipe (CIPP), and many others.

GEOTECHNICAL

GEOCON

Geocon Consultants, Inc. is a California Corporation established in 1971 as a professional engineering consulting firm providing comprehensive geotechnical engineering, environmental consulting, materials testing, and special inspection services for over 50 years. We employ over 285 technically strong and highly motivated engineers, geologists, environmental scientists, and technicians. State-of-the-art geotechnical and materials testing laboratories, extensive inventories of field equipment and instrumentation, comprehensive technical libraries, and advanced data-management systems, support each office. Geocon operates California offices in Sacramento (Rancho Cordova), Fairfield, Livermore, Los Angeles (Burbank), Murrieta, Redlands, La Quinta, Irvine, and San Diego.

Jeremy Zorne, PE, GE
Senior Geotechnical Engineer

Jeremy Zorne has more than 25 years of experience conducting and managing geotechnical engineering evaluations on a wide range of projects throughout California and has been with Geocon for his entire professional career. His diverse project experience includes transportation infrastructure (roadways, bridges, and retaining walls), public buildings, parks and recreation facilities, water/wastewater treatment and distribution facilities, educational facilities, commercial/industrial development, and residential developments. He is currently managing several on-call contracts for various public agencies throughout California. He has a well-known reputation for responsive service and his dedication to providing cost-effective, practical solutions for difficult geotechnical challenges.

Ronald Loutzenhiser, PE, GE
Senior Geotechnical Engineer

Ronald is a registered civil engineer and geotechnical engineer in California with 26 years of practice in the geotechnical field. He is responsible for geotechnical engineering and foundation engineering studies and has extensive experience both in Northern and Southern California. He has excellent experience in design of both shallow and deep foundations for bridge and building support.

STRUCTURAL ENGINEERING

VE SOLUTIONS

Dedicated to the value engineering approach, Brad Friederichs opened his own firm, VE Solutions, in 1997. By doing the projects himself, hands-on, rather than passing them on to a subordinate, Friederichs provides complete, thorough designs that reflect his years of experience. In his consulting work, he has assisted both public and private clients with their structural engineering challenges. By providing technological leadership in a responsive manner, he has saved his clients a significant amount in building costs. At the same time, his design services have improved the soundness and safety of those structures.

Brad Friederichs, SE
Senior Structural Engineer

Brad Friederichs has more than 40 years of experience as a structural engineer for wastewater, water treatment, commercial, industrial, agricultural, retail and residential structures. His expertise is in cast-in-place concrete, prestressed concrete, steel, wood and masonry construction. His specialty is in producing completely detailed,

contractor friendly, value-oriented construction documents resulting in projects that bid well with few change orders.

ENVIRONMENTAL

ECORP

ECORP Consulting, Inc. (ECORP) assists our public and private clients with a wide range of environmental services including technical studies for biological, cultural, and water resources; land use planning; air and noise technical studies; and regulatory compliance with CEQA, NEPA, Clean Water Act, federal and state Endangered Species Acts (ESAs), NHPA, and other laws and regulations. ECORP can provide support over the life of a project from initial baseline field surveys, special studies, and environmental planning; to environmental review, permit negotiation, liaison with resource agencies, and mitigation design; and through to construction monitoring, and compliance reporting. ECORP brings to our clients an experienced team of CEQA and NEPA specialists, environmental permitting specialists, environmental analysts, terrestrial and aquatic biologists, wetland specialists, archaeologists, cultural resources specialists, architectural historians, air quality and noise experts, and GIS analysts

Chris Stabenfeld, AICP

Principal Environmental Planner

Chris Stabenfeld is a certified planner, team and project manager, and environmental analyst with more than 38 years of professional environmental and planning consulting experience. He has prepared environmental documentation for numerous projects in Mendocino County and has considerable knowledge of local conditions having served as the Project Manager for the last update of the Mendocino County General Plan. He has a strong multidisciplinary background and has conducted technical studies in noise, air quality, geology, hydrology/water supply, infrastructure analysis, and land use policy assessment.

Amberly Morgan

CEQA/NEPA Task Manager

With more than 12 years of experience in the industry, including two in the public sector, Ms. Morgan has experience in providing analysis and findings for various levels of National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) documents. Her experience includes various transportation projects, development projects, and Caltrans coordination.

Seth Myers

Senior Air QualityNoise Analyst

With 16 years of experience as an environmental planner and air quality/noise analyst, Seth Myers is involved in the preparation of a full range of CEQA and NEPA environmental compliance and review documents including environmental impact reports. He has extensive expertise conducting air quality, greenhouse gas emissions, and noise analyses and has a comprehensive working knowledge of the associated regulatory environment.

Kristina Walker-Berry

Senior Biologist

Kristina is a biologist and project manager with more than 15 years (11 with ECORP) of professional experience in field surveys, biological monitoring, preserve management, permitting, permit compliance, and report preparation for biological resources in both northern and southern California. Her experience includes serving as Project Manager on a wide range of projects, including projects with a large biological monitoring effort and preserve monitoring and management projects, preparing and coordinating with agencies for regulatory permits, and assisting clients with permit compliance. She is experienced in conducting arborist surveys, focused and general surveys for listed and sensitive plants, general surveys for nonnative plants, vegetation mapping and assessment, jurisdictional wetland delineations, protocol surveys and habitat assessments for burrowing owls, nesting bird surveys, and biological construction monitoring related to all of the above categories. She has also conducted bald eagle, big horn sheep, vernal pool brachiopod, and arroyo toad surveys.

Jeremy Adams

Cultural Resources Manager

Jeremy Adams is a Cultural Resources Manager and Senior Architectural Historian with 12 years of experience in developing cultural resources management strategies and leading the implementation of cultural inventories, evaluations, effects analysis, and preparation of mitigation documents. Jeremy serves as principal investigator for all architectural history components of projects and is well versed in the practical application of the laws and regulations of Section 106 of the National Historic Preservation Act (NHPA) and California Environmental Quality Act (CEQA).

ELECTRICAL ENGINEERING

J. CALTON ENGINEERING

J Calton Engineering offers experienced electrical and instrumentation engineering design, construction inspection, construction management support, project testing, and start-up services.
J Calton Engineering is a sole proprietorship, located in Granite Bay, CA. Mr. John Calton, the only

employee, is a registered electrical engineer in the State of California, and has worked in the municipal market for more than 35 years.

John Calton, PE

Senior Electrical Engineer

John has been sole proprietor of J Calton Engineering since September 2006. He has more than 35 years of experience with water and wastewater related projects. He has performed electrical designs for water treatment facilities, pumping plants, storm drain facilities, groundwater wells, reservoirs, irrigation canals, and fish screens. John has also provided instrumentation design for above-mentioned projects, in addition to programming programmable logic controllers (PLC) and configuring in-plant supervisory control and data acquisition (SCADA) systems. John has been involved in numerous projects during the construction phase providing construction management support ranging from shop drawings review, cost estimates, contract document clarifications, change order negotiations, construction inspection, field testing, weekly coordination meetings, staff training and system start-up.

PROJECT UNDERSTANDING & APPROACH TO WORK

UNDERSTANDING

We understand the Hidden Valley Lake Community Services District (District) has secured a grant from FEMA to improve water system redundancy and ability to meet fire flows as well as improve resiliency of critical infrastructure to remain in operation in the eventuality of severe fire or flood.

This project corresponds to Phase 1 of the plan which includes consultant selection for design, permitting, and bidding support of project elements at three sites within the District's system. The three sites include:

- Little Peak Project Area - steel tank defensive space clearance per NFPA 1144 principles
- Wellfield Project Area – building protection for Wells 2 and 4 and appurtenances with defensive space clearance per NFPA 1144 principles
- Tank 4 Project Area – removal of redwood tank 4A and replacement with larger steel tank with defensive space clearance per NFPA 1144 principles

The District has a local cost share associated with the FEMA Hazard Mitigation Grant Program (HGMP) funding. Additionally, any costs over the HGMP grant allocation will be borne by the District. We understand also that the budget is set by the grant funding for both Phase 1 and Phase 2 (Construction) and it will benefit the District significantly if the consultant supporting Phase 1 is economical in the design approach, but also in selecting construction materials in the plans and specifications that keep the Phase 2 construction cost low.

Little Peak Tank

As the consultant and District co-manager, we will collaborate on design choices. Value engineering must be consistently in the minds of the team. Our experience on similar tank projects as well as providing District Engineering to similar sized Districts has helped our team see opportunities to keep it simple, where simple is appropriate and meets District needs.

The District will benefit from an experienced tank design team. Our survey, geotechnical, structural, electrical, and environmental subconsultants have teamed with us on several tank projects with excellent results for our clients.

Key early tasks in the project design will include confirmation of tank geometry and site constraints, geotechnical field work to establish the tank's foundation requirements, materials of construction, site civil piping and controls, site security, operations monitoring, corrosion control, electrical demands, vegetation survey and assessment, operation needs for the District during construction, and a preliminary cost estimate. Replacement of existing major infrastructure in a water system requiring outages or having a tank off-line for an extended period of time, can be challenging for small communities. We will work with District operations staff during preliminary design to understand the limitations and provide a design that includes bypasses and construction staging, as necessary to maintain water service and fire protection during construction.

This summary of the existing conditions and our proposed design

Well 2

Well 2

Well 4

will be summarized in a preliminary design memorandum.

Environmental studies will also be conducted to meet the needs of CEQA/NEPA and the FEMA HGMP funding requirements. Preliminary project assessments and approvals indicate that a Categorical Exemption under NEPA is appropriate and we will affirm the design elements are consistent with this exemption. Our environmental subconsultant will also assure that studies meet the needs of Environmental and Historical Preservation (EHP) approval.

Once design and environmental constraints are clearly established, we will produce Plans, Specifications, and an Opinion of Probable Construction Cost (OPCC). We will also prepare the Storm Water Pollution Prevention Plan (SWPPP) for the project as the design is solidified. After each major design milestone, BEN|EN will summarize and respond to the District's comments in writing and then hold a design review meeting to resolve issues and confirm project direction. We will support the District in bidding the project and assist in the selection of the low-bid contractor for Phase 2.

APPROACH

Our approach will be focused on the critical tasks that could delay the project, such as environmental permitting and technical components of the design that make this project successful. This project is straight forward in scope and intent. The District will want an experienced project team that understands how to address the design challenges will ensure the success of the project in a timely fashion. Above all, good communication between team members and the District will assist with keeping the project on track. We have identified several project components that will need to be addressed and mitigated by working closely with District staff, including:

- Environmental investigation to meet EHP expectations
- Geotechnical investigation for design of the tank foundation
- Sequencing of pipeline routing to Tank 4B to remain in operation while Tank 4A is demolished and re-built
- Continued maintenance and operations of the wellfield and site improvements and buildings are added there
- Defensible space plans that follow NFPA 1144 guidance, but preserve what screening trees are possible at Tank 4 A/4B

WELL SITES 2 AND 4

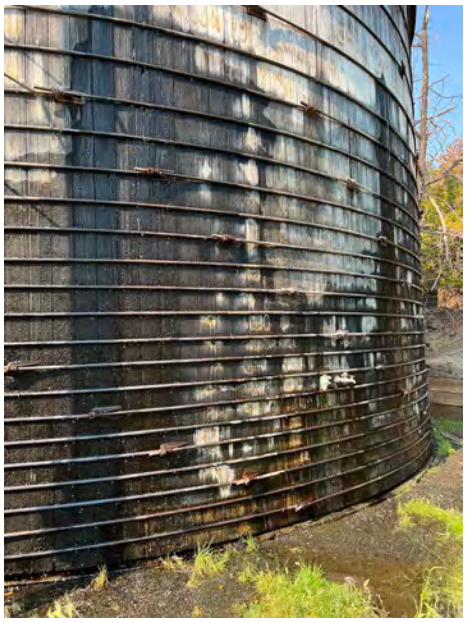
Our goal at this location would be to remove all fence line trees and shrubs adjacent to the wells. Concrete pads would be designed around the well heads and appurtenant piping and valves. Base elevations to evaluated vs the 200-yr flood elevation of Putah Creek.

Steel framed building with fire resistant walls will be used to house the well heads and above ground electrical. Depending on accessibility to features like the chlorine tank, masonry walls may also be utilized to protect the perimeter of outdoor elements and protect the electrical power drop and controls. The access roads around the wells will be designed to have a barrier fabric and gravel to both control future weed growth and establish all weather access and fire break.

LITTLE PEAK TANK DEFENSIVE SPACE

The trees and brush around the Little Peak Tank are well cleared





Tank 4A

within 25-ft but require District maintenance to keep up. We would propose clearing of shrubs within the property up to 300 feet away from the tank. We believe the pine trees on the hill above can be protected in place given their spacing, so long as they are pruned up to 6-ft and the shrubs around are thinned. The access around the tank (0-20 ft radius) could be protected with fabric and gravel access road to limit ladder fuels from reaching the tank during fire. This would also reduce the annual maintenance by the District to clear weeds ahead of fire season.

TANK DESIGN APPROACH

Survey

We will rely on UNICO Engineering to provide topographic and boundary survey project base mapping. Additionally, if necessary, we can provide any plats and legal descriptions for easements (permanent or temporary for construction) needed for the project. We have assumed that this is not needed initially, but UNICO can provide that scope of work, if the need arises.

Environmental Considerations

We are supported by Chris Stabenfeldt with ECORP Corporation, to complete the required environmental studies, CEQA document (if needed), NEPA compliance, and EHP studies. Chris is very familiar with the EHP requirements for the study area.

One of our critical early tasks will be to complete the field studies and prepare the environmental document for this project and identify any mitigations that may need to be incorporated.

Geotechnical

One important design component of a tank is the design of the soil underneath the slab to prevent differential settlement. Jeremy Zorne of Geocon will support the geotechnical effort by taking samples/borings of the soil underneath the future tank. Geocon will provide design directives based on existing soil conditions and proposed cut/fill proposed of the tank that will be incorporated into the design documents.

Tank Design by Tank Supplier

One of the ways we keep the cost of design and construction down for our tank projects is work closely with vendors of bolted and gasketed steel tanks, glass lined steel tanks, and prestressed concrete tanks to utilize there in-house structural design staff to assist in the design deliverables. Our approach for this project will be what we have done successfully on our many recent tank projects. We will defer the design of the tank itself to the tank supplier in the bid documents, meaning that we will utilize their details and integrate with our Structural Engineer designed ring foundation. This allows the tank suppliers to verify the other design components when designing the tank during bidding. The design for the tank will be prepared by their licensed structural engineer and stamped proposed tank design plans will be submitted to the District for review during construction. Eliminating this component from our scope and deferring that to the tank supplier saves time and cost for the project. We work with them early on to help us through design consideration such as overflow needs. We also understand the difficulty with this semi-sole sourced approach. While we will bid this to any tank manufacturer, there are few that

will provide this support service during design.

Site Grading

Developing the grading plan for the site will be an involved and critical component of the design for the project. Our approach will be to have a final grading plan limit off-haul to the greatest extent possible. The grading plan will be sure to consider the following:

- Stormwater will be collected and transported off site with drainage inlets, if appropriate.
- While a tank overflow is not anticipated, they do happen. And we need to design for such occurrence. Our stormwater conveyance system will include anticipated flows from the tank (max inflow) and will likely connect to the existing overflow system on site. Capacity of the existing overflow system will be confirmed.
- We will take advantage of the extreme elevation drop on the site to accommodate the tank drain. This can be a challenge for flat sites because we will need in incorporate an air gap for backflow prevention.
- Site access around the tank will also be provided.
- Consideration will also be given to continued operation of Tank 4B while Tank 4A staging, demolition, foundation, and re-build are on site.

Construction Access & Staging

Access to the site is limited and the site is slightly compact. Due to the geography of the tank site and the limited access, we will prepare Construction Access and Staging Plan to be included in the PS&E to verify the constructability of the project and give the District assurance that the project is constructable as designed. Additionally, moving soil on the steep grade may pose some challenges, although this should be limited to expansion of the tank footprint and access road around it. The Construction Access and Staging Plan will also allow for contractors to reduce their risk in bidding the project, potentially leading to better bid prices for the District. If temporary easement is available, it will need to be identified in the preliminary design phase and included in the environmental project description for evaluation and CEQA/NEPA compliance. The additional working space will help with staging and cut materials processing for segregation of off-haul and fill/compaction.

PROJECT SCHEDULE

Maintaining the project schedule is key to the success of every project. BEN|EN project schedules incorporate all tasks, including District reviews of submittals. Our team will focus on items that have the potential to delay project progress and/or increase project costs. By actively monitoring deliverables such as environmental permitting and deliverable deadlines, BEN|EN can avoid delays to schedules and minimize costs. Constant review of the project schedule during regular meetings will help us meet our deliverable commitments, including tracking permits to ensure timely completion.

We have laid out a project schedule that meets the District's expectations. The critical path flows through the project design and review timeframes. However, we may be able to save some time by eliminating the 60% submittal review milestone and taking the project directly from the 30% Preliminary Design Memorandum and design confirmation phase directly to the 90% deliverable. The projects' critical path may then be through the environmental studies to support CEQA compliance. We can discuss these alternatives further in contract negotiation, if selected.

COMMUNICATION

Communication with District staff is critical to the success of every project. BEN|EN will keep the project moving forward and quickly identify and resolve items that may impact progress. Close communication will help ensure there are no surprises on projects and expectations are clear. This is our focus on all projects, and we pride ourselves on being highly responsive, accessible, and flexible to the District's needs. We like to make sure operations staff is included in design deliverable review meetings, so the design end product meets District expectations. This will be particularly important on the electrical design and SCADA elements the District will integrate into your system during start-up as well as the operations during construction.

AN EXPERIENCED TEAM TO ADDRESS PROJECT CHALLENGES

This project will greatly improve the communities' resiliency to fire and preserve water supply for the District's customers. The BEN|EN team comprised of experienced professional subconsultants have worked together on many tank projects together. Our team of civil engineers, geotechnical engineers, surveyors, structural engineer, and electrical engineer have a track record of working together to provide a successful tank design to meet the District's needs. We look forward to assisting you in the completion of this important project and furthering our team members' relationships with the District. Our proposed project manager, Stacey Lynch,

has proven experience managing several tank projects in the state. Her experience on recent tank projects will prove valuable for a streamlined design and keeping the schedule on track.

Another benefit our team can offer is assistance with grant management and District reimbursements and compliance. While this is not included in our scope and fee estimate at this time, we have provided this service to several of our City clients and have a track record of success maintaining grant requirement and receiving timely reimbursements.

SCOPE OF WORK

TASK 1. PROJECT MANAGEMENT

BEN|EN shall effectively organize and co-manage workflow with Hidden Valley Lake Community Service District (DISTRICT) staff, implement quality controls/assurances, achieve performance parameters (i.e., budget, schedule, milestones, and deadlines), collaboratively engage with DISTRICT staff, present and co-lead public outreach meetings, and conduct work professionally and productively.

Subtask 1.1. Project Meetings and Coordination

BEN|EN will setup and facilitate a project kick-off meeting, progress meetings, field review meetings, and other project meetings and coordination as required to obtain the necessary project information. BEN|EN will prepare all meeting agendas, meeting minutes and distribute to the Project Team. Assume a total of 10 project meetings. A total of two public meetings.

Subtask 1.2. Monthly Invoices and Status Reports

BEN|EN will prepare and submit monthly invoices and status reports to the DISTRICT. The status reports will include project tasks completed, deliverables submitted, outstanding issues and information needs. Invoices will include employee rates, and expenses per task. BEN|EN will update the schedule in Microsoft Project, showing the activities and milestones outlined in our project scope. The activities will show begin and end dates as well as, duration and dependency on other tasks. The schedule will be refined and maintained on a regular basis and as decisions are made throughout the life of the project. We will discuss issues that may affect the project design, budget, or schedule. Assume 12 monthly invoices and reports.

Subtask 1.3. Quality Assurance / Quality Control (QA/QC)

BEN|EN will provide technical resources necessary to ensure that deliverables are complete, and that they meet the DISTRICT's requirements. Reviews will be conducted by experienced senior staff and documented using a review form indicating the reviewer's name, date of review, and the resolution of any review comments. Task includes providing quality control reviews for the 35%, 65%, 90%, and Final PS&E submittals.

DELIVERABLES:

- Baseline schedule
- Meeting Agendas, minutes, monthly progress summary, schedule updates, with each monthly invoice

TASK 2. SITE VISITS AND DATA COLLECTION

Subtask 2.1. Survey

BEN|EN shall research and review existing topographic mapping, "as-built" plans, surveys, and other available documents for the project. BEN|EN shall consider constructability, project alternatives, and any relevant existing facilities and/or utilities clearances.

UNICO will perform topographic surveying at each site as follows:

- Wellfield Area Well Sites A and B: UNICO will locate visible utilities, poles, signs, wells and apparatus, fences, and trees in the vicinity of the wells and fencing. UNICO will set tree tags at each tree with numerical identification for inventory purposes.
- Tank 4 Area: UNICO will locate Tanks 4 and 4B, visible utilities, poles, signs, pumps and apparatus, fences, and trees within 100 feet of the fencing around the tanks. UNICO will set tree tags at each tree with numerical identification for inventory purposes.
- Little Peak Area: UNICO will locate Tank, visible utilities, poles, signs, pumps and apparatus, fences, and trees within 300 feet of the fencing around the tank. UNICO will set tree tags at each tree with numerical identification for inventory purposes.

UNICO will perform research of record mapping and deed documents to survey and map the property boundaries at each location. This will require a search for monuments, pins, and other boundary markers. It is expected that no title reports will be provided. UNICO will map the properties by means of current recorded maps and legal deed documents. If the District desires title reports to be included in our research and mapping, UNICO can coordinate costs and schedule to attain title reports.

UNICO will provide an AutoCAD base file of topographic and boundary survey to include mapping, 1-ft contours, digital surface, point files and tree number inventory. UNICO will base its survey on the California State Plane Coordinate System (NAD83) and a nearby NGS NAVD88 vertical benchmark. UNICO will set durable control points on site for future surveys and construction control. It is assumed that the District will coordinate access onto the properties for all surveying activities.

DELIVERABLES:

- Topographic and Boundary Survey in AutoCAD Civil 3D
- Surface File
- Points Files
- Tree Inventory and Tags

Subtask 2.2. Geotechnical

BEN|EN shall visit the sites and conduct field reconnaissance of the project and its immediate surroundings. GEOCON will perform the geotechnical desk review and manage the field exploration and drilling. GEOCON scope of work will include the following.

- Perform a limited geologic literature review to aid in evaluating the geologic conditions present along the project alignment.
- Perform a site reconnaissance to review project limits, determine drill rig access and mark out exploratory boring locations for subsequent utility clearance. We will coordinate the boring locations with the Client and HVLCSD representatives.
- Notify subscribing utility companies via Underground Service Alert (USA) a minimum of two working days (as required by law) prior to performing exploratory excavations at the site.
- Retain the services of a California C57-licensed drilling subcontractor to perform exploratory borings.
- Perform two (2) exploratory borings to a depth of approximately 20 feet or refusal, whichever is shallower. Borings will be in locations as indicated by the Client and HVLCSD representatives, south of the existing Tank 4A.
- Measure the existing pavement structural section thicknesses (hot-mix asphalt and aggregate base) at the boring locations, where present.
- Obtain representative soil samples from the exploratory borings.
- Log the borings in accordance with the Unified Soil Classification System.
- Upon completion, borings will be backfilled with soil cuttings. Borings in paved areas will be patched with cold-patch asphalt concrete. Excess drill cuttings will be spread onsite within unpaved areas.
- Perform laboratory tests to pertinent geotechnical parameters.
- Analyze the field and laboratory testing data and develop geotechnical recommendations and design parameters with respect to the proposed improvements. We will prepare a summary report with our findings, conclusions, and recommendations. The report will include:
  - Site plan showing the locations of the exploratory borings.
  - Logs of the exploratory borings, including depth to groundwater (if encountered).
  - Laboratory test results.
  - Anticipated excavation characteristics.
  - Earthwork/grading recommendations.
  - Trench backfill and compaction recommendations.
  - Foundation design recommendations.
  - Screening-level soil corrosion potential.
- We will submit a draft report for your review. Any comments will be addressed prior to finalizing the report followed by one electronic copy (PDF format) of our final report.

TASK 3. ENVIRONMENTAL AND PERMITTING

Subtask 3.1. Project Initiation Meeting

ECORP will attend a combined start-up meeting and site visit at the project site with HVLCSD staff to view the project site, discuss project objectives, and discuss project characteristics. The site visit will be used as a means of refining the project description, discussing the schedule, establishing procedures for data gathering and focusing the analysis on pertinent issues. The meeting will be attended by ECORP's Project Manager and CEQA/NEPA lead.

Subtask 3.2. Develop Project Description

ECORP will coordinate with project engineers and Staff from HVLCSD to develop and clarify the project description. Coordination for this task will be by telephone and/or email. Development of the project description will establish the critical elements of the site plan and associated activities. The project description shall include:

1. Project setting: a description of the project's regional and local location, environmental setting, local transportation system, land use designations, and surrounding land uses. Maps showing the regional and specific location of the project will be included.

2. Project background: a description of the project's history

3. Project objectives: the goals, objectives, and need for the project

4. Project characteristics: project operations schedule and sequencing and site layout. Site layout maps shall be provided by the project engineers in .pdf format.

5. Intended uses of the IS/MND: a list of uses of the IS/MND, including a list of project approvals required by other agencies.

Subtask 3.3. Meetings/ Coordination

Consultation and coordination with Bennett and HVLCSD staff and other appropriate agencies will be conducted during the preparation of the IS/MND. Task includes project management and coordination time between ECORP, BEN|EN, HVLCSD, and other appropriate agencies. ECORP will attend up to six (6) additional project team meetings. It is assumed these meetings will be held via conference call and may require up to approximately two (2) hours each. ECORP's Project Manager, key environmental staff, and members of the ECORP team that may be needed to address specific issues will participate in the project team meetings/conference calls.

Subtask 3.4. Technical Studies

The following technical studies will be conducted for the Proposed Project. It has been assumed that the data required to support and document answers to all other CEQA Initial Study checklist items can be obtained from existing documentation (i.e., County General Plan and associated environmental documentation, floodplain maps, previous environmental documentation in the vicinity of the project site, and other standard environmental references), and consultation with project staff.

Subtask 3.4.a Greenhouse Gas Emissions and Air Quality Analysis

The assessment of air quality and greenhouse gas (GHG) emissions will quantify short-term (i.e., construction) and long-term (i.e., operational) emissions generated by the Proposed Project using the latest version of the California Emissions Estimator Model (CalEEMod) software. CalEEMod is a statewide land use emissions computer model designed to quantify pollutant emissions associated with the construction and operation of a variety of land use projects. Project criteria air pollutant and GHG emissions will be evaluated consistent with the guidance and recommendations provided by the Lake County Air Quality Management District (LCAQMD), the air pollution control officer for the region. For efficiency and to reduce costs, ECORP proposes to evaluate potential air quality and GHG emission-related impacts in the body of the Initial Study. The analysis will be supported by modeling documentation, which would be included as an appendix to the Initial Study.

DELIVERABLES:

One Air Quality Initial Study Subsection and One Greenhouse Gas Emissions Initial Study Subsection.

Subtask 3.4.b Biological Resources Assessment

ECORP Consulting, Inc. (ECORP) will conduct a biological resources assessment for the 13.1-acre Defensive Space Ignition Resistant Construction (DSIRC) Project (Project). ECORP will conduct a review of existing biological information in the region and documentation specific to the project, including a literature review. The literature review will include available information such as aerial photography and database queries of the California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB), California Native Plant Society (CNPS), U.S. Fish and Wildlife Service (USFWS), and National Marine Fisheries Service (NMFS) for potentially occurring special-status species in the vicinity of the Project. This assessment will also include aerial photograph interpretation and a reconnaissance-level site investigation to identify and characterize vegetation communities present onsite and the approximate extent of potential aquatic resources (preliminary aquatic resources assessment). Vegetation communities, including riparian vegetation, will be assessed, and mapped using the Manual of California Vegetation (Sawyer et al., 2009). The assessment will also include an evaluation of special-status species with potential to occur onsite based on the literature review and reconnaissance-level site visit.

A summary of the findings will be incorporated into the biological resources assessment report. The report will provide the regulatory context, as well as the methods, results, and recommendations for appropriate mitigation measures to address potential impacts to biological resources for incorporation into the California Environmental Quality Act (CEQA) and/or National Environmental Policy Act (NEPA) review document(s). Potential impacts to biological resources will be assessed using the CEQA Appendix G Checklist. As part of the biological resource assessment, ECORP will also identify the required permits and approvals to implement the project design and construct the project.

ASSUMPTIONS:

- The scope assumes that the project boundary will be provided in AutoCAD format to ECORP at the start of preparation, and that no changes to the original project boundary or land use components occur.
- The preliminary aquatic resources assessment will not be conducted in accordance with the Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory 1987), Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region, Version 2.0 (U.S. Army Corps of

Engineers 2008), and the U.S. Army Corps of Engineers Sacramento District's Minimum Standards for Acceptance of Preliminary Wetland Delineations (U.S. Army Corps of Engineers 2001).

- One round of revisions is included in this report.
- The BRA may identify the need for focused surveys; however, this task does not include focused (protocol-level) surveys for sensitive species or coordination or consultation with the regulatory agencies.

Subtask 3.4.c Cultural Resources Inventory and Impacts Assessment

ECORP will conduct a cultural resources inventory of the Hidden Valley Lake Community Services District (HVLCSD) Defensive Space Ignition Resistant Construction (DSIRC) Project. The Project Area consists of approximately 13.1 acres of land with one water storage tank proposed to be replaced, and two wellheads to be housed in ignition resistant structures, located south of Clearlake in Lake County.

The cultural resources inventory will be conducted by or under the direct supervision of a Registered Professional Archaeologist who meets the Secretary of the Interior's Professional Qualifications Standards for prehistoric and historical archaeology. This study will be conducted pursuant to compliance with the California Environmental Quality Act (CEQA) and Section 106 of the National Historic Preservation Act (NHPA) and its implementing regulations in 36 CFR 800.

ECORP will conduct a records search and literature review with the California Historical Resources Information System's (CHRIS) Northwestern Information Center (NWIC). The CHRIS records search will identify the locations and extent of previous surveys conducted within 0.5-mile of the Project area and will determine if there are any known cultural resources (i.e., pre-contact [prehistoric] or historic archaeological sites or historic-period features) located within or near the Project area. ECORP will request a search of the Sacred Lands File from the California Native American Heritage Commission (NAHC). The Sacred Lands Files search will identify any known sensitive or sacred Native American resources located within or near the Project area that have been previously reported to the NAHC.

Where ground conditions can accommodate, ECORP will complete an intensive field survey using pedestrian transect intervals spaced 15 meters apart. The Project area will be examined for evidence of cultural resources, including pre-contact and historic-period (i.e., over 50 years of age) archaeological deposits, and built environment features.

A preliminary review of project plans indicates that a water storage tank and other water management infrastructure will be replaced for the project. According to the background section of the RFP, the Boise-Cascade Corporation developed the Hidden Valley Lake planned community in the late 1960s and infrastructure has not been improved since its original development. As such, the water tank and infrastructure are older than 50 years old and considered a cultural resource. In pursuit of compliance with CEQA, ECORP will record and evaluate the water storage tank and infrastructure located within the study area on DPR 523 records. ECORP will evaluate the resources against the eligibility criteria of the California Register of Historical Resources (CRHR) and National Register of Historic Places (NRHP) and include the results in the cultural resources report.

A summary of all findings will be provided in an inventory and evaluation report, following OHP's recommended content and format. The report will provide the historic context, regulatory context, as well as the methods, field results, and recommendations.

DELIVERABLES:
One electronic version of the resources inventory report.

Subtask 3.4.d Energy Consumption Analysis

ECORP will conduct a cultural resources inventory of the Hidden Valley Lake Community Services District (HVLCSD) Defensive Space Ignition Resistant Construction (DSIRC) Project. The Project Area consists of approximately 13.1 acres of land with one water storage tank proposed to be replaced, and two wellheads to be housed in ignition resistant structures, located south of Clearlake in Lake County.

The cultural resources inventory will be conducted by or under the direct supervision of a Registered Professional Archaeologist who meets the Secretary of the Interior's Professional Qualifications Standards for prehistoric and historical archaeology. This study will be conducted pursuant to compliance with the California Environmental Quality Act (CEQA) and Section 106 of the National Historic Preservation Act (NHPA) and its implementing regulations in 36 CFR 800.

ECORP will conduct a records search and literature review with the California Historical Resources Information System's (CHRIS) Northwestern Information Center (NWIC). The CHRIS records search will identify the locations and extent of previous surveys

conducted within 0.5-mile of the Project area and will determine if there are any known cultural resources (i.e., pre-contact [prehistoric] or historic archaeological sites or historic-period features) located within or near the Project area. ECORP will request a search of the Sacred Lands File from the California Native American Heritage Commission (NAHC). The Sacred Lands Files search will identify any known sensitive or sacred Native American resources located within or near the Project area that have been previously reported to the NAHC.

Where ground conditions can accommodate, ECORP will complete an intensive field survey using pedestrian transect intervals spaced 15 meters apart. The Project area will be examined for evidence of cultural resources, including pre-contact and historic-period (i.e., over 50 years of age) archaeological deposits, and built environment features.

A preliminary review of project plans indicates that a water storage tank and other water management infrastructure will be replaced for the project. According to the background section of the RFP, the Boise-Cascade Corporation developed the Hidden Valley Lake planned community in the late 1960s and infrastructure has not been improved since its original development. As such, the water tank and infrastructure are older than 50 years old and considered a cultural resource. In pursuit of compliance with CEQA, ECORP will record and evaluate the water storage tank and infrastructure located within the study area on DPR 523 records. ECORP will evaluate the resources against the eligibility criteria of the California Register of Historical Resources (CRHR) and National Register of Historic Places (NRHP) and include the results in the cultural resources report.

A summary of all findings will be provided in an inventory and evaluation report, following OHP's recommended content and format. The report will provide the historic context, regulatory context, as well as the methods, field results, and recommendations.

DELIVERABLES:

- One Energy Consumption Initial Study Subsection.

Subtask 3.4.e Noise Impact Analysis

The evaluation of noise impacts associated with the Project will be completed by staff members who are noise experts. The applicable noise standards for the Project area will be reviewed and discussed as these standards will be the basis for the Project impact determination and whether mitigation is necessary.

The predominate source of Project noise will be activities associated with Project implementation. Noise levels from Project implementation will be analyzed using the Federal Highway Administration Roadway Construction Noise Model and based on the anticipated equipment to be used. To evaluate the potential health-related effects (physical damage to the ear) from this noise, Project implementation noise will be evaluated in terms of hourly equivalent continuous noise levels (Leq) and the frequency of occurrence at the surrounding land uses. In addition to construction noise, an analysis of vibration impacts will be prepared based on the California Department of Transportation's vibration analysis guidance. Due to the nature of the Project, onsite operational noise will be limited. Therefore, operational Project noise will be addressed qualitatively.

ECORP proposes to evaluate potential noise-related impacts in the body of the Initial Study. The analysis will be supported by modeling documentation, which would be included as an appendix to the Initial Study.

DELIVERABLES:

Initial Study Noise subsection

Subtask 3.5. CEQA Initial Study/Mitigated Negative Declaration (IS/MND)

Subtask 3.5.a Administrative Draft IS/MND

ECORP will prepare an IS/MND using the approved checklist format from Appendix G of the CEQA Guidelines (including the recently adopted revision to the checklist). ECORP will write a description of the Proposed Project, including the location of the project area (including a project map), a brief description of the environmental setting, an identification of environmental effects using the above-referenced checklist format, a brief substantiation of the checklist entries, and a list of references and preparers. ECORP will provide mitigation measures (if required) that can be developed using existing data. A site visit by an Environmental Scientist will be conducted.

DELIVERABLES:

An electronic copy of the Administrative Draft IS/MND including both a word file and pdf will be submitted to the HVLCSD via email for review and comment

Subtask 3.5.b Prepare Draft IS/MND

After receipt of one (1) set of integrated comments on the Administrative Draft IS/MND from the HVLCSD, ECORP will revise the IS/MND accordingly. It is assumed that the HVLCSD and ECORP will work together to assemble the mailing list. ECORP will produce and submit a copy of the draft IS/

MND to the State Clearinghouse (SCH) along with the summary form. One copy will be delivered (via mail) to the local library. The document will also be posted to the internet.

Deliverables:

- One electronic copy with appendices for DPR's use
- One (1) hardcopy of the Draft IS/MND with CD appendices for the local library
- One electronic copy along with summery form to the SCH

Subtask 3.5.c Prepare Public and Agency Notices

ECORP will prepare the following notices as required by CEQA:

- Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration
- Notice of Completion (NOC) (State Clearinghouse Cover)
- Notice of Determination (NOD)

One copy of each of these notices will be filed with the State Clearinghouse or County Clerk, as appropriate. One electronic copy of each notice will be provided to the HVLCSD. The NOI is required by CEQA to either be, posted on-site, mailed to the surrounding property owners, or published in a newspaper of general circulation. For costing purposes, it is assumed that ECORP will assist the HVLCSD with coordinating with the local newspaper for publication of the NOI. It is assumed that the HVLCSD will pay the publication fee.

Fees associated with these notices are as follows:

- NOI – No fee
- NOC – No fee
- NOD – CDFW CEQA environmental document filing fee of $2,548.00 (MND)

It has been assumed that the HVLCSD will pay the CDFW fee when the NOD is posted.

Subtask 3.5.d Final IS/MND and MMRP

The Lead Agency (DPR) must consider any comments received on the MND when deciding on the Proposed Project. For costing, we have assumed that five (5) comment letters containing five (5) substantive comments each will be received (or a total of 25 comments). ECORP will collate all public comments and comment letters regarding the IS and prepare and/or assist staff with preparing written responses to comments and submit electronically for the District's review. It is assumed that HVLCSD staff will receive all comments and will forward to ECORP as soon as possible after receipt.

The Final IS/MND will include responses to comments received on the Draft IS/MND, any changes to the Draft IS/MND, and the Mitigation Monitoring and Reporting Program (MMRP), prepared in accordance with CEQA Guidelines Section 15097. ECORP will prepare the MMRP in table format, with input from RESD.

An Administrative Final IS/MND and MMRP will be prepared, and after review by HVLCSD, the Final IS/MND and MMRP will be provided. ECORP will send the Final IS/MND and MMRP to agencies, organizations, and individuals that commented on the Proposed Project, and notify them of the date and time the project is scheduled for approval as required by CEQA. ECORP will also prepare an environmental record of the entire CEQA process for the HVLCSD's records. This will include all notices, the Draft and Final IS/MND and all approvals required for the project.

DELIVERABLES:

- One (1) electronic copy of the Final IS/MND for the HVLCSD's use
- Five (5) thumb drives will be mailed to commenting agencies and interested parties

TASK 4. FINAL DESIGN PS&E DOCUMENTS

BEN|EN will prepare the contract plans, specifications, and cost estimates in accordance with the DISTRICT requirements. PS&E submittals will be prepared for 30%, 65%, 95%, and Final. All plans and specifications will comply with the DISTRICT Improvement Standards and the American Water Works Association latest standards. The DISTRICT will provide the Front-End Specifications and we will prepare the Technical Specifications in CSI format. Plan and profile sheets will be at 1" = 20' scale.

Subtask 4.1. 35% Plans, Estimate, and Design Criteria Technical Memorandum

BEN|EN will prepare 35% plans for each of the sites detailing the project limits and preliminary design elements and initial approach to defensible space vegetation thinning. A preliminary cost estimate will also be produced based on initial quantities. BEN|EN will also produce a technical memorandum documenting design assumptions.

Subtask 4.2. 65% Plans, Specifications, and Estimate (PS&E)

BEN|EN will prepare and submit Plans, Specifications, and Estimate to the DISTRICT for review and comment. We will schedule two weeks for DISTRICT review. The plan set will include the following:

- Title/cover Sheet
- General Notes/Legend/ Abbreviations
- Survey Control
- Pipeline Utility Plan & Profile
- Tank Plans and Sections
- Electrical
- Structural
- Utility Relocation Plan, if required

Review comments received from the DISTRICT will be tabulated; responses will be addressed and incorporated in the subsequent PS&E submittal. 65% plans will be used to generate a pothole plan and 4 potholes are expected to be completed at the Tank 4 site.

Subtask 4.3. 95% PS&E

The BEN|EN Team will prepare and submit Plans, Specifications, and Estimate to the DISTRICT for review and comment. We will schedule two weeks for DISTRICT review. Review comments received from the DISTRICT will be tabulated; responses will be addressed and incorporated in the subsequent PS&E submittal. The project SWPPP will be based on these plans and included in this submittal for review.

Subtask 4.4. Final PS&E Documents

The BEN|EN Team will prepare and submit 100% Plans, Specifications, and Estimate to the DISTRICT for approval to bid by DISTRICT's procurement group.

DELIVERABLES:

- A pdf set of the 65% Plans, Specifications, and Estimates, Comment Response Table addressing DISTRICT review comments.
- A pdf set of the 90% Plans, Specifications, and Estimates, Comment Response Table addressing DISTRICT review comments.
- Final PS&E Documents: 24x36 plans (three (3) hard copies and PDF), Specifications, and Estimate.
  - Three (3) sets of copies of the plans shall be provided, along with. Plans shall be signed and stamped by a licensed Civil Engineer. Plans shall be in 24"x36" format, at a scale not greater than 1 inch = 40 feet.
  - One (1) original copy of the technical specifications (bound). It should be noted, the DISTRICT will prepare the Front-End Specifications. We will provide the DISTRICT with a bid schedule and anticipated contract items of construction and prepare the remainder of the Technical Specifications in compliance with Federal funding provisions.
  - One (1) original of the construction cost estimate shall be provided per the CA Business and Professions Code.
  - Electronic (Digital) versions of the plans, specifications and cost estimate shall be provided as electronic transmittal, in Microsoft Word, Microsoft Excel and/ or AutoCAD format (version 2020 or higher), as appropriate.
  - Electronic (Digital) versions of the plans, specifications and cost estimate shall be provided on compact disc or via electronic transmittal in PDF Format.
- Electronic Copy of Conformed Documents

TASK 5. BIDDING SUPPORT

Subtask 5.1. Bidding Support

BEN|EN will assist the DISTRICT with addressing bidder questions, attend pre-bid meeting, and design support for addenda during the bidding phase. Assume one (1) pre-bid meeting.

DELIVERABLES

- Up to two (2) addenda

TASK 6. OPTIONAL TASKS

Subtask 6.1. Certified Arborist Inventory and Report

An ECORP certified arborist will conduct a tree survey for the Project. The survey will be conducted in accordance with the Lake County tree removal regulations and include tree identification, inventory, tree tagging for future identification, diameter at breast height, drip line radius, and a general assessment of health and structure. Tree locations will be mapped using a global positioning system (GPS) unit capable of submeter accuracy. A report will be prepared with annotated survey results and a tree location map.

ASSUMPTIONS:

- The survey results are intended for general project planning purposes and should not be considered a detailed tree analysis (e.g., results do not include hazard assessment, tree health diagnosis, preservation/ removal recommendations, or pruning advisement).
- This estimate is based upon a maximum of 100 trees. A change order agreement will be prepared if the number of trees to be surveyed exceeds this maximum.

Subtask 6.2. Special-Status Plant Survey

A floristic survey for vascular plants will be conducted to determine the presence/absence of special-status vascular plant species in accordance with U.S. Fish and Wildlife Service's Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed, and Candidate Plants (USFWS 1996), California Department of Fish and

Wildlife's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities (CDFG 2018), and California Native Plant Society's Botanical Survey Guidelines of the California Native Plant Society (CNPS 2001).. The survey will include visits to local reference population(s) and/or examination of herbaria specimens or other reliable sources, if available, to confirm appropriate phenological conditions for identification of target species.

The survey is estimated to require two site visits, one in early spring and one in summer. Additional visits may be required after the literature search is conducted and a target list is prepared.

A report of the findings will be prepared and submitted to the client. The report will include a list of target species, details of field survey methodology, vegetation map, list of all plant species observed and results of the survey including a map depicting the location(s) and approximate number of individuals of special-status species, if found. Special-status plant locations will be mapped with a global positioning system (GPS) unit capable of submeter accuracy.

The survey protocols identified in this scope of work (USFWS 1996, CDFW 2018, and CNPS 2001) require that observations of special-status plants or communities be documented in a California Native Species (or Community) Field Survey Form or equivalent written report and be submitted to the California Natural Diversity Database (CNDDB). If special-status plants or communities are identified on-site, these occurrences will be documented and submitted to the CNDDB as required.

ASSUMPTIONS:

- This scope of work includes two site visits, mapping up to five (5) special-status plant locations, and a maximum of one round of revisions to the draft report following client review.
- The survey area boundary will be provided by the PM at least two weeks prior to the initial site visit and will not change significantly.

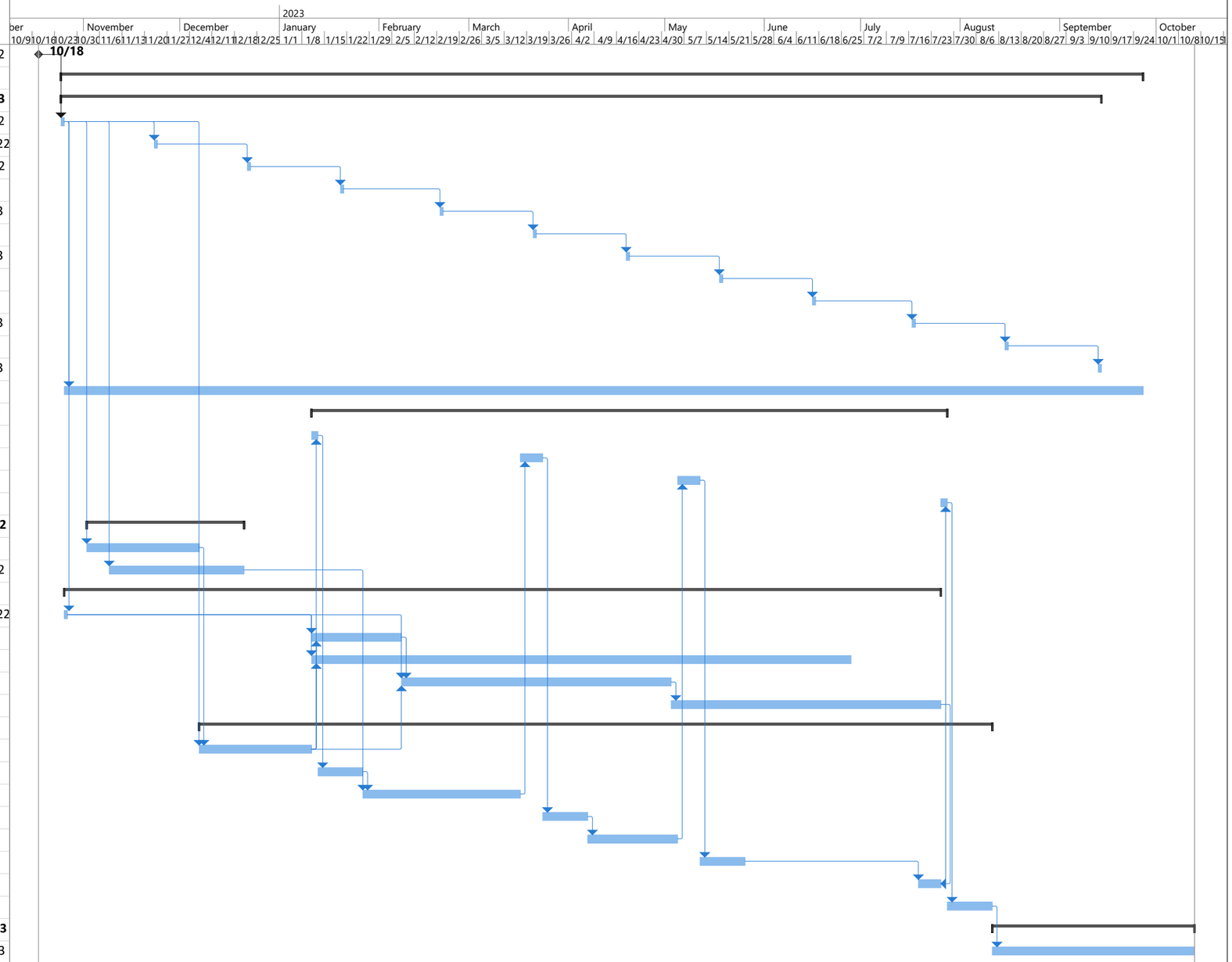
AMOUNT OF EFFORT BY LABOR CATEGORY

		Principal Engineer	Project Manager V	Engineer VI	Engineer III	Engineer II	Engineering Intern II	Designer III	Project Controls Specialist	Administrative	BEN|EN Subtotal		Survey - UNICO	Geotechnical - GEOCON	Electrical - J. Calton	Structural - VE Solutions	Environmental - Ecorp
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty		Qty	Qty	Qty	Qty	Qty
Task 1 - Project Management																	
1.1.	Meetings and Coordination	2 hrs	24 hrs	hrs	hrs	24 hrs	hrs	hrs	hrs	2 hrs	52 hrs						
1.2.	Monthly Invoices and Status Reports	hrs	28 hrs	hrs	hrs	hrs	hrs	hrs	24 hrs	12 hrs	64 hrs						
1.3.	Quality Assurance / Quality Control	4 hrs	hrs	34 hrs	hrs	hrs	hrs	hrs	hrs	2 hrs	40 hrs						
	Subtotal	**6 hrs**	**52 hrs**	**34 hrs**	**hrs**	**24 hrs**	**hrs**	**hrs**	**24 hrs**	**16 hrs**	**156 hrs**						
Task 2 - Site Visits and Data Collection																	
2.1.	Survey	hrs	2 hrs	hrs	2 hrs	4 hrs	hrs	10 hrs	hrs	hrs	18 hrs		146 hrs				
2.2.	Geotechnical	hrs	2 hrs	hrs	4 hrs	8 hrs	hrs	hrs	hrs	hrs	14 hrs			50 hrs			
	Subtotal	**hrs**	**4 hrs**	**hrs**	**6 hrs**	**12 hrs**	**hrs**	**10 hrs**	**hrs**	**hrs**	**32 hrs**		**146 hrs**	**50 hrs**			
Task 3 - Environmental and Permitting																	
3.1.	Project Initiation Meeting	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs						18
3.2.	Develop Project Description	hrs	2 hrs	hrs	4 hrs	8 hrs	hrs	hrs	hrs	hrs	14 hrs						23
3.3.	Meetings/Coordination	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs						28
3.4.	Technical Studies	hrs	4 hrs	hrs	2 hrs	12 hrs	hrs	hrs	hrs	hrs	18 hrs						239
3.5.	CEQA Initial Study/Mitigated Negative Declaration (IS/MND)	hrs	4 hrs	hrs	4 hrs	20 hrs	hrs	hrs	hrs	hrs	28 hrs						205
	Subtotal	**hrs**	**10 hrs**	**hrs**	**10 hrs**	**40 hrs**	**hrs**	**hrs**	**hrs**	**hrs**	**60 hrs**						**513 hrs**
Task 4 - Final Design PS&E Documents																	
4.1.	35% Plans, Estimate, and Design Criteria TM	hrs	12 hrs	4 hrs	24 hrs	60 hrs	32 hrs	24 hrs	hrs	hrs	156 hrs						
4.2.	65% Plans, Specifications, and Estimate (PS&E)	hrs	24 hrs	4 hrs	32 hrs	120 hrs	24 hrs	40 hrs	hrs	hrs	244 hrs				36	24	
4.3.	95% PS&E	hrs	12 hrs	2 hrs	8 hrs	48 hrs	16 hrs	16 hrs	hrs	hrs	102 hrs				60	35	100
4.4.	Final PS&E	hrs	8 hrs	2 hrs	2 hrs	8 hrs	12 hrs	4 hrs	hrs	hrs	36 hrs				14	12	
	Subtotal	**hrs**	**56 hrs**	**12 hrs**	**66 hrs**	**236 hrs**	**84 hrs**	**84 hrs**	**hrs**	**hrs**	**538 hrs**				**110 hrs**	**71 hrs**	**100 hrs**
Task 5 - Bidding Support																	
5.1.	Bidding Support	hrs	8 hrs	hrs	2 hrs	16 hrs	4 hrs	2 hrs	hrs	4 hrs	36 hrs						
	Subtotal	**hrs**	**8 hrs**	**hrs**	**2 hrs**	**16 hrs**	**4 hrs**	**2 hrs**	**hrs**	**4 hrs**	**36 hrs**						
	PROJECT TOTAL	**6 hrs**	**130 hrs**	**46 hrs**	**84 hrs**	**328 hrs**	**88 hrs**	**96 hrs**	**24 hrs**	**20 hrs**	**822 hrs**		**146 hrs**	**50 hrs**	**110 hrs**	**71 hrs**	**613 hrs**

PROJECT SCHEDULE

HVL CSD DSIRC Project Schedule

ID	Task Name	Duration	Start	Finish
1	**NTP**	0 days	Tue 10/18/22	Tue 10/18/22
2	**Task 1 - Project Management**	**241 days**	**Tue 10/25/22**	**Tue 9/26/23**
3	**1.1 - Meetings and Coordination**	**232 days**	**Tue 10/25/22**	**Wed 9/13/23**
4	Kick-off Mtg	1 day	Tue 10/25/22	Tue 10/25/22
5	Monthly Mtg 1	1 day	Wed 11/23/22	Wed 11/23/22
6	Monthly Mtg 2	1 day	Thu 12/22/22	Thu 12/22/22
7	Monthly Mtg 3	1 day	Fri 1/20/23	Fri 1/20/23
8	Monthly Mtg 4	1 day	Mon 2/20/23	Mon 2/20/23
9	Monthly Mtg 5	1 day	Tue 3/21/23	Tue 3/21/23
10	Monthly Mtg 6	1 day	Wed 4/19/23	Wed 4/19/23
11	Monthly Mtg 7	1 day	Thu 5/18/23	Thu 5/18/23
12	Monthly Mtg 8	1 day	Fri 6/16/23	Fri 6/16/23
13	Monthly Mtg 9	1 day	Mon 7/17/23	Mon 7/17/23
14	Monthly Mtg 10	1 day	Tue 8/15/23	Tue 8/15/23
15	Monthly Mtg 11	1 day	Wed 9/13/23	Wed 9/13/23
16	**1.2 - Monthly Invoices and Status Reports**	12 mons	Wed 10/26/22	Tue 9/26/23
17	**1.3 - Quality Assurance / Quality Control**	**142 days**	**Wed 1/11/23**	**Thu 7/27/23**
18	35% review	2 days	Wed 1/11/23	Thu 1/12/23
19	65% review	5 days	Fri 3/17/23	Thu 3/23/23
20	95% review	5 days	Fri 5/5/23	Thu 5/11/23
21	Final review	2 days	Wed 7/26/23	Thu 7/27/23
22	**Task 2 - Site Visits and Data Collection**	**35 days**	**Wed 11/2/22**	**Tue 12/20/22**
23	**2.1 - Survey**	25 days	Wed 11/2/22	Tue 12/6/22
24	**2.2 - Geotechnical**	30 days	Wed 11/9/22	Tue 12/20/22
25	**Task 3 Environmental and Permitting**	**195 days**	**Wed 10/26/22**	**Tue 7/25/23**
26	**3.1 - Project Initiation Meeting**	1 day	Wed 10/26/22	Wed 10/26/22
27	**3.2 - Develop Project Description**	20 days	Wed 1/11/23	Tue 2/7/23
28	**3.3 - Meetings/Coordination**	120 days	Wed 1/11/23	Tue 6/27/23
29	**3.4 - Technical Studies**	12 wks	Wed 2/8/23	Tue 5/2/23
30	**3.5 - CEQA Initial Study/Mit. Neg. Dec.**	12 wks	Wed 5/3/23	Tue 7/25/23
31	**Task 4 - Final Desing PS&E Documents**	**177 days**	**Wed 12/7/22**	**Thu 8/10/23**
32	**4.1 - 35% PS&E and Design TM**	25 days	Wed 12/7/22	Tue 1/10/23
33	**DISTRICT REVIEW**	10 days	Fri 1/13/23	Thu 1/26/23
34	**4.2 - 65% PS&E**	35 days	Fri 1/27/23	Thu 3/16/23
35	**DISTRICT REVIEW**	10 days	Fri 3/24/23	Thu 4/6/23
36	**4.3 - 95% PS&E**	20 days	Fri 4/7/23	Thu 5/4/23
37	**DISTRICT REVIEW**	10 days	Fri 5/12/23	Thu 5/25/23
38	**4.4 - Final PS&E**	5 days	Wed 7/19/23	Tue 7/25/23
39	**DISTRICT REVIEW**	10 days	Fri 7/28/23	Thu 8/10/23
40	**Task 5 - Bidding Support**	**45 days**	**Fri 8/11/23**	**Thu 10/12/23**
41	**5.1 - Bidding Support**	45 days	Fri 8/11/23	Thu 10/12/23



Project: p22118_HVL CSD DSIR
Date: Fri 9/30/22

Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Manual Progress
Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline
Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Progress

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APPENDIX: RESUMES

STACEY LYNCH, PE
PROJECT MANAGER

Professional Registration
- Civil Engineering, CA 81860

Education
- Bachelor of Science Civil Engineering, California State University, Sacramento

Professional Affiliations
- American Public Works Association
- American Society of Civil Engineers

Contact

Bennett Engineering Services
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BENNETT ENGINEERING SERVICES

Summary

Stacey Lynch has 15 years of experience in the civil engineering field, all with the firm. Her experience includes planning, design, management, and construction assistance for water resources projects. She specializes in tank replacements, pipelines, and grant funding management. Her knowledge of the funding and permitting process helps keep grant funded projects running smoothly and within the parameters determined by the funding process. includes rate studies, rate increases (Proposition 218 regulations), funding applications and requirements (specifically the Clean Water State Revolving Fund (CWSRF)), and permitting negotiations and requirements with the Regional Water Quality Control Board (RWQCB).

In addition, Stacey's expertise includes analysis of flow for hydroelectric facilities, design of intake screen systems, drainage analysis and design, water and wastewater systems design, and residential and commercial development site improvements design. Stacey specializes in design-build project delivery and design-bid-build delivery. Her design-build projects include the Nevada Irrigation District Banner-Taylor Reservoir Replacement, Nevada Irrigation District Siphon Lane Pump Station, Santa Cruz Bay Street Reservoir Replacement, and Los Angeles County In-Conduit Hydro projects.

Project Experience
Alta Sierra Reservoir Replacement Design, Nevada Irrigation District. Design and construction of a 3-million-gallon water storage tank to replace the existing Hypalon-lined and covered reservoir via design-build delivery. The tank will be an AWWA D110 Type I pre-stressed concrete tank with a concrete roof designed to withstand local snow loads. Design also includes yard piping, additional drainage improvements, mixers and blowers with sound attenuation, and electrical and SCADA system upgrades. As Project Manager, Stacey was responsible for the overall design deliverables and coordination with the construction team and schedule.

Verdera North Tank #3 and Pipeline, City of Lincoln. This project involved construction of a new, 5-million-gallon, pre-stressed concrete water storage tank, associated tank piping, yard piping, valves and appurtenances; more than 5,000 LF of 36-inch pipeline connecting the new tank to the existing water system in Twelve

STACEY LYNCH, PE

Bridges Drive, a higher pressure 16-inch pipeline to connect to their upper zone, and a 36-inch pipeline connecting to a new PCWA metering station. As Project Manager, responsible for the overall project deliverables, coordination of subconsultants, City staff, and other entities involved, responsible for design of the water tanks and coordination with the tank supplier.

The Rivers Tank and Pump Station - Design Build, City of West Sacramento. Design-build tank and pump station project including preparation of civil design, building layout, structural design, site grading, and electrical/controls design for a new steel tank and pump station. As Project Manager, Stacey was responsible for the overall delivery of the project and coordination with construction. Stacey coordinated design approvals with the City and schedules to keep the construction schedule on pace.

Biggs Water Storage Tank and Pump Station, City of Biggs. This project includes evaluation of an existing contaminated well and planning, design, and construction of a new 1.5 MG water storage tank, pump station, and full production well. Tasks include design and SRF funding coordination for approximately 1,500 LF of required piping, a bridge crossing over Hamilton Slough, grading and drainage improvements, new power service, electrical, and SCADA improvements. As Project Manager, Stacey was responsible for the overall delivery of the project design and funding acquisition through the State Water Board SRF program.

Bay Street Reservoir Restoration, City of Santa Cruz. Design-build replacement of four steel water storage tanks with one large prestressed concrete tank. Redesigned structural portion of pump station structure was determined not to be necessary. Prepared improvement plans for the structural modifications to the pump station, worked with the tank supplier, DN Tanks, to develop the six-million-gallon tank design. Design included potable 36-inch yard piping to connect to the water system, geotechnical stabilization of existing soil, under-drain-grid tank foundation, grading, and drainage improvements. As Project Manager, responsible for overall design and coordination between the geotechnical engineer, DN Tanks, and the contractor.

Banner Taylor Tank Design-Build Reservoir Replacement, Nevada Irrigation District. This was a Design-Build replacement of two hypalon-lined and covered reservoirs with pre-stressed concrete structures within the existing reservoir site. The Design-Build process provided two new prestressed concrete tanks, totaling 10.5 MG storage with space for a future third tank. The complete design included 30-inch yard piping and bypass piping for connection to the District's water system. As Project Manager, responsible for overall design and coordination with stakeholders and contractors.

Mainline Replacement Project, Carmichael Water District. Design to replace approximately 3,400 linear feet of pipeline along five streets in the City. Includes installation of new water mains, valves, and fire hydrants, reconnection of existing services, and abandonment of existing water mains. As Project Manager, Stacey is responsible for the overall design deliverables and schedule.

MICHAEL MASSARO, PE

QUALITY MANAGER

Professional Registration

- Civil Engineering, CA 64733

Education

- Bachelor of Science Civil Engineering, University of Arizona
- Master of Science Environmental Engineering, University of Arizona

Professional Affiliations

- American Society of Civil Engineers
- Water Environmental Federation
- California Water Environment Association
- American Public Works Association

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BENNETT ENGINEERING SERVICES

Summary

Mike Massaro has 22 years of civil engineering experience managing design teams, subconsultants, budgets, and schedules. His projects have required the production of plans, specifications, cost estimates, public outreach, utility coordination, and coordination for environmental permitting. Mike's technical expertise and experience include water, sewer, and recycled water facilities, including pump stations, interceptors, and pipelines. The pipelines have included vitrified clay pipe (VCP), reinforced concrete (RCP), polyethylene (HDPE), polyvinyl chloride (PVC), ductile iron pipe (DIP), and have ranged from 8- to 120-inches in diameter and as long as 38,000 feet. Mike has significant planning and design experience with open-cut, horizontal directional drilling, tunneling, pipe jacking, and trenchless railroad and light rail crossings. He also provides engineering services during construction, reviewing submittals and requests for information and resolving challenges in the field.

Project Experience

Verdera North Tank #3 and Pipeline, City of Lincoln. This project involved construction of a new, 5-million-gallon, pre-stressed concrete water storage tank, associated tank piping, yard piping, valves and appurtenances; more than 5,000 LF of 36-inch pipeline connecting the new tank to the existing water system in Twelve Bridges Drive, a higher pressure 16-inch pipeline to connect to their upper zone, and a 36-inch pipeline connecting to a new PCWA metering station. As Senior Engineer, led the pipeline design portion of the work. Designed a connection to the new water tank and metering station and a connection to the existing conveyance system for the City. The project will bid ductile iron pipe and cement mortar lined steel pipe as options to choose the most competitive cost for the City.

The Rivers Tank and Pump Station - Design Build, City of West Sacramento. Design-build tank and pump station project including preparation of civil design, building layout, structural design, site grading, and electrical/controls design for a new steel tank and pump station. As Senior Engineer, provided quality review of plans.

New Cement Hill Pipeline, Suisun-Solano Water Authority. Project provided a secondary 20-inch pipeline from the water treatment plant to the site of an existing and a future tank. Included design to update the connection to the tank with an above ground

MICHAEL MASSARO, PE

manifold, double-ball flexible expansion joint, motor-operated valve, and chlorine sampling points. As Project Manager, prepared the Preliminary Design Report, performed quality control, coordination of subconsultants, and acting liaison for multiple agencies.

Larkfield System Water Main Replacement Design, California American Water (CalAm). Responsible for replacing and upsizing existing asbestos cement pipe with new 10-inch polyvinyl chloride piping to connect two water tanks and pressure zones in Wikiup Drive in the Cal Am Water Larkfield distribution system. As Project Manager, responsible for replacing and upsizing existing 6-inch ACP with new 10-inch PVC to connect two water tanks and pressure zones in Wikiup Drive in the Cal Am Water Larkfield distribution system.

Londonberry Drive Creek Crossing Design, California American Water (CalAm). This project includes the replacement of an existing 8-inch diameter steel pipe that was partially exposed within Mark West Creek. Installation of new 12-inch water main crossing the creek via horizontal directional drilling methods was chosen. Tasks include project management, topographic surveying and mapping, plans, specifications, and estimate, permitting (CEQA, California Department of Fish and Game, and a Sonoma County Riparian Corridor Zoning Permit), bidding and construction support. As Project Manager, provided design of horizontal directional drill creek crossing with 10-inch HDPE pipe.

Stirling City Sewer System Rehabilitation Planning Study, Butte County. The project included an assessment of the collection system with a report that identified deficiencies and repairs needed; preliminary engineering; evaluation of rehabilitation and replacement alternatives with cost estimate; income survey; CEQA/NEPA documentation; evaluation of existing rights-of-way and land acquisitions for proper ownership. Project Manager.

Higgins Area - Residential Off-Site Improvements, County of Nevada. Preparation of plans, specifications and estimate (PS&E) to provide water (including fire protection), sewer, stormwater drainage, and dry utilities (including broadband) to two housing development sites, including any planning, environmental, wastewater, hydraulic, and hydrologic analyses required to fulfill this purpose. Project Manager of the preliminary and final design.

Engineering Design of Sanitary Sewer Projects, City of Oroville. This project replaces sewer pipelines at multiple locations ranging from 192 LF to 10,108 LF with pipe diameters ranging from 6 to 18-inches. Project Manager of the design for three sewer projects (1D, 1F, and 2).

Reason Farms Industrial Site Water and Wastewater Evaluation, City of Roseville. Technical memo, conceptual plans, and cost estimates to extend water mains and sewer conveyance to an industrial site that was outside of a current specific plan area. Flow demand analysis for water and wastewater was based on City standards. Enabled community development and plan review to move forward. As Project Manager, provided preliminary design and cost estimating for water and sewer connections to the City for anticipated development outside of the specific plan area.

LASANDRA EDWARDS, PE

SENIOR ENGINEER

Professional Registration

- Civil Engineering, CA 71029

Education

- Bachelor of Science Civil Engineering, Rose-Hulman Institute of Technology

Professional Affiliations

- California Water Environment Association

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BENNETT ENGINEERING SERVICES

Summary

LaSandra Edwards has more than 20 years of engineering experience with wastewater collection, wastewater treatment, and water resources projects. LaSandra specializes in small and large diameter wastewater pipeline design, small diameter pipeline rehabilitation, and civil site design. Her pipeline design experience includes gravity and pressurized pipeline and trenchless construction methods such as microtunneling, pipe jacking, directional drilling, and two-pass tunneling. LaSandra has provided civil design, GIS coordination, and drawing production for complex projects throughout the Sacramento region. She is adept at coordinating with multiple design disciplines, including implementing quality assurance and quality control (QA/QC) processes.

Project Experience

The Rivers Tank and Pump Station - Design Build, City of West Sacramento. Design-build tank and pump station project including preparation of civil design, building layout, structural design, site grading, and electrical/controls design for a new steel tank and pump station. As Senior Engineer, provided design updates including a sewer pipeline connection to a pump station building and additional updates for the new 90% design submittal.

FEMA Housing Units, City of Gridley. Provided construction management support, plan checking, and design for various infrastructure projects for the FEMA temporary housing site in Gridley. The 72-acre site at the Industrial Park in Gridley, included capacity for 400 new manufactured housing units/mobile homes, which can house 900 to 1,200 people. Provided plan level design support for the layout of the site, roadway and drainage design and review, and material and methods review to ensure that they met City Standards. As Senior Engineer, provided storm drainage system hydrologic calculations and hydraulic modeling for pond sizing using Hydraflow.

Paradise Sewer Project, Phase 1, Town of Paradise. As a subconsultant to HDR, provided preliminary engineering services, developed figures for the collection system, provided a re-evaluation of a gravity sewer system with two main alternatives and input for a regionalization study, addressed questions related to the collection system during the preparation of the environmental impact

LASANDRA EDWARDS, PE

report, and provided monthly progress reports. As Senior Engineer, provided oversight during development of the layout for collection system alternatives; sized the collection system pipelines, regional pipelines and pump stations based on flow data provided; created cost estimates including design, construction, salvage, operations, and maintenance (O&M) and net present worth values for each collection system and regional pipeline alternatives; authored Technical Memo #4 Regional Alternatives Evaluation.

Higgins Area - Residential Off-Site Improvements, County of Nevada. Preparation of plans, specifications and estimate (PS&E) to provide water (including fire protection), sewer, stormwater drainage, and dry utilities (including broadband) to two housing development sites, including any planning, environmental, wastewater, hydraulic, and hydrologic analyses required to fulfill this purpose. As Senior Engineer, coordinated with existing utility providers to establish design criteria for the basis of design, designed wet and dry utility connections for two future development locations in Grass Valley.

Reason Farms Industrial Site Water and Wastewater Evaluation, City of Roseville. Technical memo, conceptual plans, and cost estimates to extend water mains and sewer conveyance to an industrial site that was outside of a current specific plan area. Flow demand analysis for water and wastewater was based on City standards. Enabled community development and plan review to move forward. As a Senior Engineer, developed a cost estimate and figures based on preliminary design assumptions for the Reason Farms Industrial Site.

Walnut Grove Pump Station, Sacramento Area Sewer District. Performed while with another firm. The project included the abandonment of the existing pump station S064 station and the construction of 2,000 feet of gravity sewer to connect to existing pump station S146 in the city of Walnut Grove. Project tasks included a risk assessment, Preliminary Design Report, environmental permitting, real estate acquisition, public outreach, final design, and engineering services during construction. As the project manager, LaSandra provided oversight of the project tasks, financials, and schedule as well as civil design for the project.

S135 Pump Station and Force Main Repair Project,, Sacramento Area Sewer District. Performed while with another firm. This project prepared a condition assessment and alternatives analysis of five priority pump stations. The assessment evaluated the current condition of the pump stations and presented recommendations for repair. Based on the recommendations, BC continued with the final design of Pump Station S135. LaSandra served as Project Engineer for the rehabilitation design of S135. Her responsibilities included site design for paving and drainage at the pump station and design for the relocation of 39 ARVs along with the dual 12-inch and 16-inch diameter force mains. She also coordinated deliverables and QA/QC for the project.

GABRIEL RODELL, PE

PROJECT ENGINEER

Professional Registration

- Civil Engineer, CA 86446

Education

- Bachelor of Science Civil Engineering, University of California, Davis

Professional Affiliations

- Water For People
- Sacramento Area Water Works Association

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Summary

Gabriel Rodell has more than nine years of experience in engineering consulting, including seven with the firm. His experience includes design and analysis for drinking and potable water distribution systems, including pipelines and pump stations. Pipeline designs have included traditional open-cut approaches as well as trenchless approaches and creek crossings. He has coordinated with Regional and State Water Boards for permitting, regulations, and funding, performed calculations, prepared plans and specifications, and performed evaluations – such as alternatives analyses, feasibility studies, capacity evaluations, and inflow and infiltration studies.

Project Experience

Verdera North Tank #3 and Pipeline, City of Lincoln. This project involved construction of a new, 5-million-gallon, pre-stressed concrete water storage tank, associated tank piping, yard piping, valves and appurtenances; more than 5,000 LF of 36-inch pipeline connecting the new tank to the existing water system in Twelve Bridges Drive, a higher pressure 16-inch pipeline to connect to their upper zone, and a 36-inch pipeline connecting to a new PCWA metering station. As Project Engineer, drafted preliminary design report, managed utility coordination, assisted in pipeline and tank design, produced exhibits for local HOA and coordinated with environmental subconsultants and surveying.

Alta Sierra Reservoir Replacement Design, Nevada Irrigation District. Design and construction of a 3-million-gallon water storage tank to replace the existing Hypalon-lined and covered reservoir via design-build delivery. The tank will be an AWWA D110 Type I pre-stressed concrete tank with a concrete roof designed to withstand local snow loads. Design also includes yard piping, additional drainage improvements, mixers and blowers with sound attenuation, and electrical and SCADA system upgrades. As Project Engineer, provided oversight on grading and site civil design, assisted in selection of valves, meters, and other appurtenances, and coordinated with design-build contractor, utility agencies, and owner during design.

The Rivers Tank and Pump Station - Design Build, City of West Sacramento. Design-build tank and pump station project including preparation of civil design, building layout, structural design, site grading, and electrical/controls design for a new steel tank and pump station. As Project Engineer, assisted with 60% plans and provided electrical coordination.

GABRIEL RODELL, PE

Biggs Water Storage Tank and Pump Station, City of Biggs. This project includes evaluation of an existing contaminated well and planning, design, and construction of a new 1.5 MG water storage tank, pump station, and full production well. Tasks include design and SRF funding coordination for approximately 1,500 LF of required piping, a bridge crossing over Hamilton Slough, grading and drainage improvements, new power service, electrical, and SCADA improvements. As Project Engineer, coordinated with subconsultants and vendors, performed quality control of the PS&E package, and provided design overview of the pump station, piping, tank appurtenances, and other site civil features.

SR70 Storm Drain Pump Station, Caltrans - District 3. Design to replace a pump station that feeds floodwater from a holding basin back into the Yuba River. Provided vendor coordination, plans, specifications, and estimate, and construction assistance. Provided quality control and constructability review for the project. Tasks included a review of existing documents and design meetings for the pump discharge design, design plans, and technical specifications, and engineering services during construction. As Project Manager, oversaw design of the pump station and pipeline, coordinated with multiple regulatory agencies, researched design standards for multiple agencies and prepared a technical memorandum with findings.

New Cement Hill Pipeline, Suisun-Solano Water Authority. Project provided a secondary 20-inch pipeline from the water treatment plant to the site of an existing and a future tank. Included design to update the connection to the tank with an above ground manifold, double-ball flexible expansion joint, motor-operated valve, and chlorine sampling points. As Project Engineer, prepared design and drawings for 20" water pipeline, assisted with technical specifications, researched utility easements and provided utility coordination, and prepared construction details of aerial pipeline crossing.

East Avenue Waterline Replacement, City of Lincoln. Replacement of approximately 4,300 LF of cast iron and asbestos-cement pipe with 8-10" PVC pipe. Project includes fire hydrant replacement, service replacement, stormdrain improvements, utility coordination, and construction and bidding assistance. Provided plans, specifications, and estimates (PS&E), utility coordination, potholing, survey, and bidding support. As Project Engineer, assisted in pipeline design, coordinated with City at monthly meetings, managed survey and potholing subconsultants, performed QA/QC, and coordinated with Division of Drinking Water for adherence to California Waterworks standards.

Poplar Avenue Waterline Replacement, Phase 2, Citrus Heights Water District (CHWD). This project included surveying, design and permitting for a water main replacement project located in a residential neighborhood. As Project Engineer, produced construction plans, coordinated with surveying subconsultant, and assisted with design details.

KATI SETHARES, EIT
ASSISTANT ENGINEER

Professional Registration
- Engineer-In-Training, CA 166036

Education
- Bachelor of Science Civil Engineering, University of Vermont
- Master of Science Civil and Environmental Engineering, University of California, Davis

Professional Affiliations
- American Society of Civil Engineers
- Water for People

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BENNETT ENGINEERING SERVICES

Summary

Kati Sethares has more than four years of professional civil engineering experience, all with Bennett Engineering Services. Since joining the firm, Kati has assisted with design and construction document preparation for water and wastewater pipelines, water storage tanks, pump stations, and well design projects. She has experience preparing funding applications for planning and construction of water and wastewater projects, State and County encroachment permits, and DDW variance requests. Kati has experience preparing technical documents, including feasibility studies, technical memorandums, rate studies, and fiscal sustainability plans. She is technically proficient in AutoCAD, MATLAB, Revit, MicroStation, COMSOL, and GIS.

Project Experience
Verdera North Tank #3 and Pipeline, City of Lincoln. As Assistant Engineer, provided submittal review. This project involved construction of a new, 5-million-gallon, pre-stressed concrete water storage tank, associated tank piping, yard piping, valves and appurtenances; more than 5,000 LF of 36-inch pipeline connecting the new tank to the existing water system in Twelve Bridges Drive, a higher pressure 16-inch pipeline to connect to their upper zone, and a 36-inch pipeline connecting to a new PCWA metering station.

The Rivers Tank and Pump Station - Design Build, City of West Sacramento. As Assistant Engineer, assisted with preparation of plans. Design-build tank and pump station project including preparation of civil design, building layout, structural design, site grading, and electrical/controls design for a new steel tank and pump station.

Alta Sierra Reservoir Replacement Design, Nevada Irrigation District. As Assistant Engineer, prepared construction plans, provided storm drainage and overflow calculations, modeled site runoff using Hydraflow, and reviewed construction submittals. Design and construction of a 3-million-gallon water storage tank to replace the existing Hypalon-lined and covered reservoir via design-build delivery. The tank will be an AWWA D110 Type I pre-stressed concrete tank with a concrete roof designed to withstand local snow loads. Design also includes yard piping, additional drainage improvements, mixers and blowers with sound attenuation, and electrical and SCADA system upgrades.

KATI SETHARES, EIT

Biggs Water Storage Tank and Pump Station, City of Biggs. As Assistant Engineer, prepared PS&E, provided utility coordination, prepared calculations for tank size and capacity, pipe sizes, and pump sizing and selection, and prepared SRF funding application, including project technical report and life cycle cost analysis. This project includes evaluation of an existing contaminated well and planning, design, and construction of a new 1.5 MG water storage tank, pump station, and full production well. Tasks include design and SRF funding coordination for approximately 1,500 LF of required piping, a bridge crossing over Hamilton Slough, grading and drainage improvements, new power service, electrical, and SCADA improvements.

Well Development Project, Camptonville Community Services District. As assistant engineer provided grant administration, including preparation and submittal of quarterly reports and reimbursement requests to DWR, collected and reviewed available background data, conducted a site visit for evaluation of existing wells, well treatment system, and potential well locations, prepared an evaluation of potential well locations, provided coordination and oversight of subconsultants, prepared technical memorandums for the well system repairs, prepared bid specifications for construction of a new production well, and provided assistance during bid and construction, including review of submittals, preparation and distribution of addenda, and response to contractor RFIs. After receiving a grant from the Small Community Drought Relief Program, provided grant administration, an evaluation of potential well locations including construction documents and bidding and construction support, and rehabilitated two existing wells.

East End Hanger Waterline Extension, City of Auburn. As assistant engineer provided utility coordination, prepared 90%, 100%, and final plans, specifications, and estimate for the project, and prepared response to comments matrices for each interim submittal. Provided project management, utility coordination, plans, specifications, and estimate for approximately 785-feet of new waterline to proposed new hangers at the airport. The project also included six new water service stubs to each new hanger and a back flow preventer, two new fire hydrants, and a blow off at the end of a dead-end line.

East Avenue Waterline Replacement, City of Lincoln. As Assistant Engineer, prepared PS&E, prepared DDW waiver request, and provided utility and pothole coordination. Replacement of approximately 4,300 LF of cast iron and asbestos-cement pipe with 8-10” PVC pipe. Project includes fire hydrant replacement, service replacement, stormdrain improvements, utility coordination, and construction and bidding assistance. Provided plans, specifications, and estimates (PS&E), utility coordination, potholing, survey, and bidding support.

Larkfield System Water Main Replacement Design, California American Water (CalAm). As assistant engineer prepared plans and estimate for client submittals, conducted background research on HDPE fittings and specials, and prepared responses to client comments on each submittal. Responsible for replacing and upsizing existing asbestos cement pipe with new 10-inch polyvinyl chloride piping to connect two water tanks and pressure zones in Wikiup Drive in the Cal Am Water Larkfield distribution system.

ALI HOLLADAY, EIT
ASSISTANT ENGINEER

Professional Registration
- Engineer-in-Training, CA 172055

Education
- Bachelor of Science Civil Engineering, California State University Sacramento

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BENNETT ENGINEERING SERVICES

Summary

Ali Holladay has more than four years of experience in civil engineering. She started at Bennett Engineering Services five years ago as an engineering intern and has worked for the firm ever since. Ali has assisted with plan sets, specifications, and cost estimates, grading and drainage design, underground utility design, detention basin design, hydraulic calculations, field inspection, District Engineering oversight, permit compliance, and Report of Waste Water Discharge Permits and Anti-Degradation Analysis. She is technically proficient in AutoCAD and Civil3D and can sign in ASL (American Sign Language).

Project Experience
Verdera North Tank #3 and Pipeline, City of Lincoln. As Assistant Engineer, assisted with design addendums during construction. This project involved construction of a new, 5-million-gallon, pre-stressed concrete water storage tank, associated tank piping, yard piping, valves and appurtenances; more than 5,000 LF of 36-inch pipeline connecting the new tank to the existing water system in Twelve Bridges Drive, a higher pressure 16-inch pipeline to connect to their upper zone, and a 36-inch pipeline connecting to a new PCWA metering station.

The Rivers Tank and Pump Station - Design Build, City of West Sacramento. As Assistant Engineer, aided in the design of onsite sewer, drainage, and water systems to produce plans as needed by the Contractor. Design-build tank and pump station project including preparation of civil design, building layout, structural design, site grading, and electrical/controls design for a new steel tank and pump station.

Alta Sierra Reservoir Replacement Design, Nevada Irrigation District. As Assistant Engineer, assisted with on-site drainage design, and water system design to produce plans as needed to the Contractor. Design and construction of a 3-million-gallon water storage tank to replace the existing Hypalon-lined and covered reservoir via design-build delivery. The tank will be an AWWA D110 Type I pre-stressed concrete tank with a concrete roof designed to withstand local snow loads. Design also includes yard piping, additional drainage improvements, mixers and blowers with sound attenuation, and electrical and SCADA system upgrades.

ALI HOLLADAY, EIT

Well #3 Rehabilitation, Auburn Valley Community Service District. As District Engineer, she has coordinated the design and construction process with contractors and Pacific Gas and Electric (PG&E), procured easement and title documents from the County to prepare temporary construction easements with homeowners, provided project oversight, and was the main communication point between the District, homeowners, and PG&E. Well rehabilitation includes project management, coordination with homeowners and permitting, draft construction documents, bid and construction support, and construction management services.

Well 4 Repair, Auburn Valley Community Service District. As District Engineer, she worked with the water system operators to determine the cause of failure, recommended possible solutions, and attended site visits to gain a better understanding of the well lithology. She provided recommendations to the operators for installation, sent letters to the community regarding conservation and water quality, and was the main contact between the District Board Members, the community, and the water system operators. After the well failed, BEN|EN provided emergency support by communicating with affected homeowners, working with operators to determine the problem and how best to solve it, addressing concerns from the County regarding manganese in the water, investigating innovative installation methods and sourcing pumps and parts to speed the repair, and coordinating the installation.

Larkfield System Water Main Replacement Design, California American Water (CalAm). As Assistant Engineer she assisted with the production of the plan set and mapping of complicated existing utilities within the right-of-way. Responsible for replacing and upsizing existing asbestos cement pipe with new 10-inch polyvinyl chloride piping to connect two water tanks and pressure zones in Wikiup Drive in the Cal Am Water Larkfield distribution system.

Paradise Sewer Project, Phase 1, Town of Paradise. As Assistant Engineer, assisted with sewer system layouts, trunk lines and collectors, manhole spacing, and lift station locations, Also assisted with sizing of trunk and collector pipes within the system. As a subconsultant to HDR, provided preliminary engineering services, developed figures for the collection system, provided a re-evaluation of a gravity sewer system with two main alternatives and input for a regionalization study, addressed questions related to the collection system during the preparation of the environmental impact report, and provided monthly progress reports. \

Rob Markes

Survey Manager

Years of Experience:

Total: 34
With UNICO: 8

Expertise:

Boundary Determination
Caltrans Requirements
Construction Staking
FEMA Flood Surveys
Field Supervision
Legal Description
Mapping
Right of Way Engineering
Topographic Surveys

Mr. Markes has worked in the survey industry for 34 years. As crew chief, Rob oversees field procedures and is responsible for all office and field personnel. He is an experienced, Survey Crew Chief, excelling in topographic mapping, construction staking, and boundary surveys. His land surveying expertise includes supervising and performing Global Positioning System surveys, topographic surveys, aerial control surveys, horizontal and vertical control networks, title surveys, boundary surveys, cadastral surveys, geodetic surveys, engineering surveys and construction surveys, plus construction control and staking for a wide range of projects.

Experience:

Downtown Waterline and Street Replacement, Lincoln, CA
***S**urvey Manager.* This project removed and replaced existing waterlines and constructed a new water main on various streets. The project also included replacement of water service connections and full depth reclamation street improvements. UNICO provided land surveying services which included research, horizontal and vertical control, boundary and right of way surveying, a drafted base map of the boundary and right of way, along with topographic surveying and mapping. UNICO coordinated with Placer County and the City of Lincoln to attain the necessary mapping and documentation required for this project. Responsible for records research and topographic mapping.

Bittercreek Drainage Relief, Folsom, CA
***S**urvey Manager.* This project provided drainage relief to a neighborhood that was prone to flooding. UNICO provided a topographic survey to assist in the analysis and design for the project improvements. UNICO provided a detailed topographic survey of the greenbelt area extending approximately 500 feet either side of the drainage swale and up to the rear fences of adjacent neighborhoods lying north and south of the greenbelt. Responsibilities included locating and identifying size and flow direction of existing facilities within the greenbelt. Pathways, fences, and other visible features were also located. These features were provided in a digital base map delivered to the City. UNICO provided construction staking services for a new 42-inch storm drain system. Staking included calculation, layout of alignment, and manhole structures. Responsible for topographic, boundary, right of way surveys.

East Avenue Waterline Replacement, Lincoln, CA
Survey Manager. This project removed and replaced existing waterlines to construct a new water main on various streets. These streets include East Avenue from McBean Park Drive to 9th Street, totaling approximately 2,500 lineal feet, a portion of 7th Street from East Avenue to A Street, totaling approximately 300 lineal feet, and a portion along 5th Street from East Avenue to A Street, totaling approximately 250 lineal feet. Responsible for topographic, boundary, right of way surveys.

Ryan Ming, PLS
Senior Land Surveyor

Registration:
Professional Land Surveyor
License 8409

Expertise:
Boundary Determination
Topographic Surveys
Legal Descriptions
Mapping
Field Supervision
ALTA Surveys
Construction Staking

Mr. Ming is a professional land surveyor with more than 20 years of experience in managing land surveying activities and staffing; responsible for ensuring that sound land surveying principles are followed and that quality assurance goals are obtained; as well as participating in the development of best practices related to land surveying. Mr. Ming has thorough knowledge of principles, practices and procedures of boundary surveys, ALTA surveys, topographical surveys, construction surveys and control surveys.

Experience:

Downtown Waterline and Street Replacement, Lincoln, CA
Senior Land Surveyor. This project removed and replaced existing waterlines and constructed a new water main on various streets. The project also included replacement of water service connections and full depth reclamation street improvements. UNICO provided land surveying services which included research, horizontal and vertical control, boundary and right of way surveying, a drafted base map of the boundary and right of way, along with topographic surveying and mapping. UNICO coordinated with Placer County and the City of Lincoln to attain the necessary mapping and documentation required for this project. Responsible for boundary survey.

East Avenue Waterline Replacement, Lincoln, CA
Senior Land Surveyor. This project removed and replaced existing waterlines to construct a new water main on various streets. These streets include East Avenue from McBean Park Drive to 9th Street, totaling approximately 2,500 lineal feet, a portion of 7th Street from East Avenue to A Street, totaling approximately 300 lineal feet, and a portion along 5th Street from East Avenue to A Street, totaling approximately 250 lineal feet. Responsible for boundary and right of way surveying.

Oroville Engineering Design of Sanitary Sewer, Sutter County, CA
Party Chief/Land Surveyor. This project prepared plans specifications and cost estimates for seven sanitary sewer main construction projects identified as Element 1 from the Sewer Master Plan. The projects were analyzed in the City's Sanitary Sewer Master Plan and the seven Element 1 projects were determined to have existing capacity deficiencies. The seven projects included 1,468 feet of 10-inch gravity line, 11,190 feet of 12-inch gravity line. The project also included removal and abandonment of pipeline. Close coordination with Caltrans was necessary for permitting traffic control and access within Highway 162. UNICO provided land surveying including research, horizontal and vertical control, topographic surveying, and base mapping. UNICO coordinated with Butte County, Caltrans, the City of Oroville, and the Prime Consultant to attain the necessary mapping documentation and encroachment permitting required for this project. Responsible for boundary and right of way surveying.

Tim Pringle
Party Chief

Years of Experience:
Total: 16
With UNICO: 6

Certifications:
OSHA 30 Certified
Confined Space Certified
Hazwoper Certified

Expertise:
Boundary Surveys
Topographic Surveys
Utility Mapping
Caltrans Standards

Mr. Pringle has 16 years of land surveying experience. He is an accomplished party chief with a proven ability to carry out all aspects of land surveying from boundary determination, topographic surveys, construction staking and mapping. His depth of experience ranges from private development work, utility mapping, flood plains, roadway, and bridges. His experience also includes using Global Positioning Systems, conventional robotic instruments, and laser levels.

Experience:

East Avenue Waterline Replacement, Lincoln, CA
Party Chief. The City of Lincoln desires to remove and replace existing waterlines and to construct a new water main on various streets. These streets include East Avenue from McBean Park Drive to 9th Street, totaling approximately 2500 lineal feet, a portion of 7th Street from East Avenue to A Street, totaling approximately 300 lineal feet and a portion along 5th Street from East Avenue to A Street, totaling approximately 250 lineal feet. Land Surveying will include research, horizontal and vertical control, boundary and right of way surveying, a drafted base map of the boundary and right of way, along with topographic surveying and mapping.

Natoma Alley Sewer Rehabilitation, Folsom, CA
Party Chief. This project includes the replacement and rehabilitation of portions of sewer systems in the older areas of the City that are encountering ongoing maintenance problems. This project will rehabilitate approximately 4,000 feet of sewer infrastructure along the Persifer and Mormon Alley between Stafford and Coloma. Party Chief responsible for topographic survey of sewer manholes, cleanouts, and other key features.

CalAm Water Hwy 50 Crossing Design, Rancho Cordova, CA
Party Chief. The project requires approximately 450 LF of 16-inch main to cross Route 50 via jack-and-bore and approximately 600 LF of 12-inch main will be installed via open cut on the North side of the highway. On the South side of the highway, approximately 300 LF of 12-inch main will be installed via open cut. Party Chief responsible topographic survey.

Cement Hill Pipeline Project, Suisun, CA
Party Chief. This Suisun-Solano Water Authority project provides a second pipeline from the Cement Hill Water Treatment plant to the Tank 2A and 2B sites. The new pipeline will consist of two segments with an overall combined length of the proposed pipeline is approximately 2600 linear feet. Responsible for boundary survey and utility location.

Cesar Montes de Oca, PE, QSD/QSP

SWPPP

Years of Experience
Total: 16
With UNICO: 8

Education
BS Civil Engineering, California State University, Sacramento (2006)

Registration
Professional Engineer – CA #C74090

Qualified SWPPP Developer/Practitioner (QSD/P) #00833

Certifications
Caltrans Resident Engineer Academy

NASSCO Certified CIPP Inspector

Confined Space

Fall Protection

Adult First Aid/CPR/AED

Affiliations
American Public Works Association

American Society of Civil Engineers

Mr. Montes de Oca has performed the role of Resident Engineer, Assistant Resident Engineer, and Senior Inspector. His resume includes a variety of public infrastructure projects, as well as private residential and commercial land development projects. He has managed and inspected multiple projects, including roadway rehabilitation, underground utilities, storm drain infrastructure, overlays, Cured in Place Pipe (CIPP), and many others. Prior to forming UNICO Engineering, Mr. Montes de Oca, was the Storm Water Manager for the City of Citrus Heights from 2010 to 2013.

Experience:

3rd Street Sewer Relief, Sacramento, CA
Principal in Charge. This construction project provides relief for increased sanitary sewer flows from planned development in the Railyards Project area and the River District Specific Plan area. The project included the construction of approximately 5,700 feet of 42-inch diameter and 410 feet of 48-inch diameter combined sanitary sewer (CSS) pipelines within 3rd Street from I Street to U Street and within T Street from 3rd Street to 5th Street. The pipelines connect to an existing 84-inch diameter CSS at 3rd Street and U Street and to a 60-inch diameter CSS at 5th Street and T Street. Portions of the project are within State right of way and were constructed under a Caltrans Encroachment Permit. Responsible for contract management, staffing resources, and client relations.

Twin Oaks & Mariposa Drainage Improvements, Citrus Heights CA
Resident Engineer. This project adds drainage pipes and improves drainage ditches along Mariposa and Twin Oaks Avenue to increase drainage capacity and reduce risk of flooding. The project constructed approximately 1,800 linear feet of 42” storm drain pipe along Mariposa Avenue and Twin Oaks Avenue to increase drainage capacity and reduce risk of flooding. Additionally, the project installed approximately 600 linear feet of drainage laterals, 14 manholes and roadway reconstruction. Including temporary shoring using H-beams and steel plates to preserve the existing roadway. Prepared progress payment quantities, independent verification of CCOs, submittal and RFI review, and Weekly Statements of Working Days.

JEREMY ZORNE, PE, GE

PRINCIPAL/SENIOR ENGINEER

Education

- MS, Civil Engineering (Geotechnical), California State University, Sacramento
- BS, Civil Engineering, California State University, Sacramento

Registrations

- CA: Geotechnical Engineer, No. 2636
- CA: Professional Engineer, Civil, No. 60936

Mr. Zorne has over 25 years of experience conducting and managing geotechnical engineering evalautions on a wide range of projects throughout California and has been with Geocon for his entire professional career. His diverse project experience includes transportation infrastructure (roadways, bridges, and retaining walls), public buildings, parks and recreation facilities, water/wastewater treatment and distribution facilities, educational facilities, commercial/industrial development, and residential developments. He is currently managing several on-call contracts for various public agencies throughout California. He has a well-known reputation for responsive service and his dedication to providing cost-effective, practical solutions for difficult geotechnical challenges.

TANK #3 AT CATTA VERDERA NORTH, LINCOLN, CALIFORNIA

Mr. Zorne was the principal in charge for the geotechnical investigation for Tank #3 at Catta Verdera North. The project consisted of constructing two new 10-million-gallon circular, pre-stressed concrete water storage tanks and associated 36-inch diameter water pipeline within the eastern portion of the City of Lincoln. The site is located north of the Verdera residential development, on the north side of a spur ridge. The site included an approximately 2½-acre abandoned rectangular water storage pond at the top of the ridge with pond bottom elevations of approximately 582 feet to 588 feet above mean sea level (MSL). The proposed distribution pipeline alignment extends westward approximately 5,000 feet along an existing gravel road at elevations of approximately 554 feet to 520 feet MSL, then along the north side of Twelve Bridges Drive down to an elevation of approximately 388 feet MSL. The purpose of our services was to evaluate the subsurface conditions at the project site and provide geotechnical recommendations for design and construction of the project.

BIGGS WATER STORAGE TANK AND PUMP STATION, BIGGS, CALIFORNIA - Geocon performed a geotechnical investigation and a Phase II Environmental Site Assessment (ESA). The purpose of our geotechnical investigation was to evaluate subsurface soil and geologic conditions at the site and provide conclusions and recommendations relative to the geotechnical aspects of designing and constructing the project as presently proposed. The purpose of our Phase II ESA was to evaluate the potential presence of contaminants of concern (COC) in site soil identified in a Phase I ESA previously prepared for the site. The project consisted of the construction of a new aboveground 1.5-million-gallon water storage tank and pump station at the site. The pump station would be constructed at or near existing grade. Mr. Zorne served as geotechnical project manager.

MARKLEEVILLE WATER SYSTEM IMPROVEMENTS, MARKLEEVILLE, ALPINE COUNTY, CALIFORNIA - Mr. Zorne was the project manager for a geotechnical investigation report for the Markleeville Water System Improvements project located in Alpine County. The project consisted of replacing approximately 3.4 miles of water distribution pipeline, service laterals, water meters, and fire hydrants. The project also included a new pump station, treatment equipment, and water tank at the existing water treatment plant. The Markleeville Water Company is planning to replace approximately 3.4 miles of water distribution pipeline, service laterals, water meters, and fire hydrants. The new pipelines and valves will allow the Town of Markleeville to be served by the existing Pleasant Valley Tank. In addition, a new pump station, treatment equipment, and possibly a tank will be constructed at the existing treatment plant as well as general treatment plant improvements.

EL DORADO IRRIGATION DISTRICT, PLACERVILLE, CALIFORNIA

Mr. Zorne performed geotechnical engineering investigations at two existing drinking-water supply reservoirs owned and operated by El Dorado Irrigation District (EID). Mr. Zorne prepared a report summarizing potential geologic hazards at each site and foundation/ seismic design criteria for an aboveground tank at Reservoir 8 and a cast-concrete cover at Reservoir 12. The recommendations provided in the report allowed EID engineers to minimize foundation size, thus reducing overall project cost.

RONALD LOUTZENHISER, PE, GE

SENIOR GEOTECHNICAL ENGINEER

Education
- BS, Civil Engineering, Chico State University

Registrations
- CA: Geotechnical Engineer, No. 2865
- CA: Professional Engineer, Civil, No. 64089

Mr. Loutzenhiser is a registered civil engineer and geotechnical engineer in California with 26 years of practice in the geotechnical field. He is responsible for geotechnical engineering and foundation engineering studies and has extensive experience both in Northern and Southern California. Mr. Loutzenhiser has excellent experience in design of both shallow and deep foundations for bridge and building support.

TANK #3 AT CATTA VERDERA NORTH, LINCOLN, CALIFORNIA

Mr. Loutzenhiser was the project manager and project engineer for the geotechnical investigation for Tank #3 at Catta Verdera North. The project consisted of constructing two new 10-million-gallon circular, pre-stressed concrete water storage tanks and associated 36-inch diameter water pipeline within the eastern portion of the City of Lincoln. The site is located north of the Verdera residential development, on the north side of a spur ridge. The site included an approximately 2½-acre abandoned rectangular water storage pond at the top of the ridge with pond bottom elevations of approximately 582 feet to 588 feet above mean sea level (MSL). The proposed distribution pipeline alignment extends westward approximately 5,000 feet along an existing gravel road at elevations of approximately 554 feet to 520 feet MSL, then along the north side of Twelve Bridges Drive down to an elevation of approximately 388 feet MSL. The proposed finished floor elevation of the tanks is 554 feet MSL, which places the east tank entirely within cut and the west tank partially on cut and partially on fill. The circular tanks will each have an outside diameter of approximately 230 feet and height of approximately 40 feet. Each tank is supported on a conventional shallow foundation system with a perimeter ring footing to support the tank wall, isolated interior spread footings to support the tank roof, and a reinforced concrete slab-on-grade floor. The purpose of our services was to evaluate the subsurface conditions at the project site and provide geotechnical recommendations for design and construction of the project.

CONNOR TANK SITE, MARIN COUNTY, CALIFORNIA - Mr. Loutzenhiser was the field and project engineer for a new 102,000 gallon bolted-steel water storage reservoir located near Inverness, California. The tank is located on a cut/fill pad which also contains associated smaller tanks/structures and paving; foundation support is by a shallow ring foundation. Our services included geotechnical recommendations for proposed construction, consultation, and field review and testing services during construction activities.

SAMUEL P. TAYLOR STATE PARK TANK SITES, MARIN COUNTY, CALIFORNIA

Mr. Loutzenhiser was the project engineer for the replacement of two water tanks for the existing 100,000 gallon redwood tanks. Replacement structures to be 250,000 post-tensioned concrete tanks with partially-buried floors.

KELSEYVILLE – FINLEY WATER SUPPLY PROJECTS, KELSEYVILLE, CALIFORNIA

Mr. Loutzenhiser was the project engineer for a new 1-million gallon, 85-foot diameter steel tank and 21,500± feet of 8-12 inch diameter PVC pipeline.

BLAKER WATER STORAGE RESERVOIR, CERES, CALIFORNIA - Mr. Loutzenhiser was the field and project engineer for the 2.3 million gallon welded steel tank. The tank is 120±ft in diameter, 32±ft in height, and is supported on a concrete ring foundation. Our services included geotechnical recommendations for proposed construction.

YOUNTVILLE WWTP IMPROVEMENTS, YOUNTVILLE, CALIFORNIA - Geocon performed a geotechnical investigation for the Yountville WWTP Improvements. The project consisted of constructing an addition to the existing California Veterans Home Wastewater Treatment Plant control building and relocating a transformer located at 7501 Solano Avenue in Yountville. The WWTP site is currently developed with the control building, sedimentation tanks, filters, paved parking areas, underground utilities, ponds, and other structural improvements typical for a WWTP. The purpose of our geotechnical investigation was to observe and sample the subsurface conditions encountered at the site and provide conclusions and recommendations relative to the geotechnical aspects of site improvements as presently proposed.

Chris Stabenfeldt, AICP

Senior Environmental Planner

Mr. Stabenfeldt is a certified planner, team and project manager and environmental analyst with more than 38 years of professional environmental and planning consulting experience. He has served in a broad range of roles including group manager, office manager, director of business development, and project manager. He has managed comprehensive and complex environmental documents and planning projects for public agencies and private sector clients including documentation and related compliance activities under NEPA and CEQA throughout the west. Over the past years, Mr. Stabenfeldt has focused on projects in California, ranging from General Plans and planning staff support to environmental documents addressing a broad spectrum of project types including a focus on water infrastructure projects. Mr. Stabenfeldt is extremely familiar with local government and special district operations having worked on projects for over 100 jurisdictions throughout California including numerous water infrastructure projects for water districts and State Agencies in the North Bay area. He is currently preparing or recently completed environmental documentation for water infrastructure projects for Cal Vet in Napa County, the Sonoma Developmental Center in Sonoma County and has extensive experience preparing environmental documentation for projects in Lake, Mendocino, Napa and Sonoma Counties. He has a strong multidisciplinary background and has conducted technical studies in noise, air quality, geology, hydrology/water supply, infrastructure analysis, and land use policy assessment.

Education

B.A., Environmental Studies, University of California Santa Barbara

MCRP Coursework, City and Regional Planning, California Polytechnic University, San Luis Obispo

Registrations, Certifications, Permits and Affiliations

- American Institute of Certified Planners
- American Planning Association
- Association of Environmental Planners

Professional Experience

Central Amador Water Project (CAWP) Pioneer Water Rehabilitation Project, Amador County–Amador Water Agency (AWA) (2015-2017). Project Manager in charge of the overall project coordination and review of all documents created for the project. AWA proposed a new pipeline in order to increase fire flow and improve the distribution system quality in the Buckhorn Ridge and Carson Drive area of the CAWP system. The Proposed Project is being funded through Community Development Block Grant (CDBG) administered by the U.S. Department of Housing and Urban Development (HUD). ECORP was retained by AWA to prepare CEQA and NEPA documentation and associated technical studies including air quality and greenhouse gases, biological resources, cultural resources, and a health risk assessment in support of the Proposed Project. In addition, ECORP worked closely with AWA to provide AB 52 tribal coordination support and assisted AWA staff with CDBG Program documentation to ensure all requirements were met. ECORP is currently assisting with mitigation implementation.

Pine Grove Tank Replacement, Amador County – Bailey Civil Engineering (2018-2020). Project Manager for the project. ECORP was retained by Pine Grove Community Services District (PGCSD) for CEQA, Biological, and cultural services support. The Project consisted of the demolition of a failed 426,000 gallon tank and replacing it with a new 500,000 gallon tank and appurtenant structures. The PGCSD water system storage tanks were located on a single lot on Tank Court in Pine Grove, owned by PGCSD. Recent failure of one of the storage tanks prompted PGCSD to identify replacement storage alternatives in order to maintain adequate storage for the district. ECORP staff drafted a Categorical Exemption supported by Biological and Cultural Resources Technical Studies.

Rector Reservoir Bypass Valve Project EIR, Napa County – California Department of General Services, Real Estate Services Division, CalVet. Rector Reservoir is in Napa County, northeast of Yountville and southwest of Lake Berryessa. The Reservoir is owned by the California Department of Veterans Affairs (CalVet) and serves as a domestic water supply for the City of Yountville, several wineries, and the nearby Yountville Veterans Home. Rector Dam impounds Rector Creek, which is a tributary to Conn Creek, which is a tributary to the Napa River which, in turn, is a tributary to San Francisco Bay.

The Project purpose was to develop a set of Rector Creek flows to allow sufficient water to pass Rector Dam to keep aquatic life below the dam in good condition and prevent unlawful take of federal or state protected species while maintaining the dam's existing operations.

As an initial task, ECORP reviewed all pertinent documentation and data related to the ongoing development and anticipated implementation of a legal settlement agreement between Water Audit California and CalVet. Based on this review, ECORP assessed the data needs required to adequately describe the Proposed Project for CEQA purposes; identified required documentation for Rector Reservoir infrastructure improvements; and identified the likely short- and long-term reservoir release schedules. A key feature of this assessment included preparation of a checklist of environmental issues likely to be addressed in CEQA review. This checklist included an overview of potentially affected resources, the anticipated need to acquire additional data, and the proposed approach to assessing project impacts and developing mitigation measures.

ECORP was then retained to prepare a CEQA document for the Project. The CEQA scope included preparation of the following technical studies: Biological Resources Assessment, Air Quality/Greenhouse Gas, Noise Assessment and Cultural Resources Inventory.

CEQA services included preparation of an Initial Study, Notice of Preparation, EIR, and Mitigation Monitoring and Reporting Plan (MMRP). ECORP prepared the Draft and Final EIR, and the document has been certified. ECORP was also retained to assist with 1602 permitting. ECORP is currently working with RESD to prepare a restoration plan and has been retained to implement all mitigation during project construction.

Amberly Morgan

Senior Environmental Planner

With more than 12 years of experience in the industry, including two in the public sector, Ms. Morgan has experience in providing analysis and findings for various levels of National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) documents. Her experience includes various transportation projects, development projects, and Caltrans coordination.

Education

BA, Environmental Studies, minor in Biological Science, California State University, Sacramento

AS, American River College

Registrations, Certifications, Permits and Affiliations

- Association of Environmental Professionals

Professional Experience

Pine Grove Tank Replacement, Pine Grove, Amador County – Bailey Civil Engineering (2018-2019). ECORP was retained by Pine Grove Community Services District for CEQA, Biological, and cultural services support. The Project consisted of the demolition of a failed 426,000 gallon tank and replacing it with a new 500,000 gallon tank and appurtenant structures. The PGCSD water system storage tanks were located on a single lot on Tank Court in Pine Grove, owned by PGCSD. Recent failure of one of the storage tanks prompted PGCSD to identify replacement storage alternatives in order to maintain adequate storage for the district. ECORP staff drafted a Categorical Exemption supported by Biological and Cultural Resources Technical Studies.

Amador Water Agency CAWP Pioneer Water Rehabilitation Project (Phase 2/3), Amador County (2018-2019). Phase 2 and Phase 3. Served as project manager providing environmental support for the final phase (the remaining portion of Phase 2 and Phase 3) of the greater Central Amador Water Project (CAWP). The project will complete the CAWP to increase fire flow and improve the distribution system quality by installing new pipeline in Buckhorn Ridge Road between Deadwood Court (terminus of Phase 1) and Elkhorn Court. CEQA and NEPA documentation for this project included a IS/MND/EA and associated technical studies consistent with Phase 1 (i.e.; air quality and greenhouse gases, biological resources, and cultural resources). ECORP worked closely with AWA to provide AB 52 tribal coordination support.

E. George to Lake Wildwood Backbone Extension Pipeline Project, Nevada County – Nevada Irrigation District (NID) (2018-2019). ECORP was retained by NID to provide complete environmental documentation under CEQA for the proposed NID Elizabeth George to Lake Wildwood Backbone Extension Pipeline Project (Project). Leg A of the proposed project involves installation of over 5 miles of new 16 to 20 inch underground pipe primarily in existing roadways with two cross country segments. The project is

intended to provide back up to the Lake Wildwood Water Treatment Plant and extend service to parcels along the pipeline alignment The CEQA documentation focused on impacts associated with construction of the pipeline. ECORP prepared a Biological Resource Assessment and wetland delineation. ECORP worked with NID staff to design the Project to avoid the need for permits. A special-status plant survey will also be conducted before Project construction. ECORP also prepared a cultural resources inventory including a field survey and provided AB 52 consultation support. Ms. Morgan acted as the Project Manager for this project and drafted the IS/MND for CEQA documentation.

Common Diversion Facility EIR, Madera County – McCaffrey Homes (2017-2019). ECORP was retained by TV Trees to draft an Environmental Impact Report for the installation and operation of a Common Diversion Facility on the San Joaquin River in Madera County, California. The Project would replace an aging facility with state of the art equipment to ensure compliance with all relevant codes, and ensure a reliable water supply for the surrounding developments. Due to site conditions, the main focus areas will be: Biological Resources, Cultural Resources, Hydrology and Water Quality, Visual Resources, Recreation and Tribal Cultural Resources. ECORP is assisting TV Trees in acquiring all necessary permits, as well as conducting or overseeing all necessary technical studies required for the project. ECORP will also be responsible for implementing mitigation required for the project including pre-construction surveys and monitoring.

CCWD Ebbetts Pass Reach 1 Water Transmission Pipeline Capital Improvements Project, Calaveras County – Calaveras County Water District (2016-2019). ECORP was retain to provide environmental documentation and clearance under CEQA for the proposed project, which includes the replacement of 24,000 feet of eight-inch diameter pipeline located within and adjacent to State Route 4 within Caltrans right-of-way. A portion of the alignment near Hunter Dam Road falls within lands administered by the Stanislaus National Forest. CCWD anticipates utilizing funding by USDA Rural Development and that NEPA documentation will be prepared internally by USDA and/or USACE. Technical studies prepared by ECORP will be structured to be NEPA compliant and will support preparation of the NEPA documents by the Federal Lead Agencies. The CEQA documentation focuses on impacts associated with construction of the pipeline. The key project issues revolve around near-term nuisance issues (i.e. noise, air quality, traffic delays) and resource issues (i.e. biological resources, cultural resources, Waters of the U.S).

Water Rights Extension Project EIR/EIS, Foresthill Public Utilities District (FPUD), Placer County. ECORP was retained for the preparation of a project-level joint EIR/EIS for extension of FPUD's existing water rights. Foresthill Public Utility District (FPUD) is requesting a 49-year extension to its current water right to divert from Sugar Pine Reservoir for M&I and other consumptive uses within the District's service area, necessary to meet current and projected future water demand. Specifically, the document will address the 49-year extension of the FPUD's Sugar Pine Project Water Right Permit, completion of unconstructed Sugar Pine Dam Facilities (installation of radial gates) and the expansion of Sugar Pine Reservoir storage capacity from 7,000 acre-feet (AF) to 10,658 AF to ensure sufficient safe yield to meet existing and future M&I and consumptive uses within the District's service area and potential future service area.

Seth Myers

Senior Air Quality/Noise Analyst

With 15 years of experience as an environmental planner and air quality/noise analyst, Mr. Myers is involved in the preparation of a full range of CEQA and NEPA environmental compliance and review documents including environmental impact reports. He has extensive expertise conducting air quality, greenhouse gas emissions, and noise analyses and has a comprehensive working knowledge of the associated regulatory environment. He is proficient in the use of CalEEMod, EMFAC2017, AERMOD, SoundPLAN, the Roadway Construction Model, the Federal Highway Administration (FHWA) Highway Traffic Noise Prediction Model, and other industry standard emissions and noise modeling tools. In addition, Mr. Myers prepares implementation documents and programs such as zoning ordinance updates, design review programs, and planning program guidelines. As a certified arborist (ISA #WE-7501A), Mr. Myers also provides landscape and irrigation plan review for development and public works projects and performs hazardous tree assessments.

Education

B.A., Environmental Studies and Planning (Minor in Biology), Sonoma State University

Registrations, Certifications, Permits and Affiliations

- FAA Noise and Air Emissions Trainings: Noise and Emissions Fundamentals, Aviation Environmental Design Tool (AEDT), U.S. Department of Transportation Volpe Center
- Certified Arborist, International Society of Arboriculture (WE 7501A)
- California Native Plant Society

Professional Experience

Central Amador Water Project Pioneer Water Rehabilitation Project, Amador County – Amador Water Agency (2017). The Proposed Project would install a new pipeline in order to increase fire flow and improve the distribution system reliability in the Buckhorn Ridge and Carson Drive area of Amador County.

Big Stump/Redwood Mountain Fuels Restoration Project, Tulare County – Sequoia National Forest (2018). The Project, spanning 3,078 acres, proposes to use prescribed fire in combination with hand treatments to reintroduce fire into the landscape. Quantified criteria air pollutant and greenhouse gas emissions estimated to be releases as a result of this proposal with the Forest Service's *Suppose Emissions Model*.

Kiowa Well, Mojave Reservoir, Sheep Creek Reservoir, & Elaine Well Replacement Projects, San Bernardino County – Golden State Water Company (2018–Ongoing). Prepared the air quality, greenhouse gas emissions, energy consumption and noise analyses for four Golden State Water Company infrastructure projects related to the expansion of water supply. The primary environmental issue included noise from on-site construction.

2340-2344 Cottage Way Well Project, Sacramento County – (2020). Analyzed the noise-related effects associated with the installation of a water well and associated 150 horsepower water pump, as well as a backup/emergency diesel generator located in a residential neighborhood in unincorporated Sacramento

County. This assessment was prepared as a comparison of predicted Project noise levels to noise standards promulgated by the County of Sacramento General Plan Noise Element and Municipal Code.

School Modernization Project, Glenn County – Lake Elementary School District. Acted as the sole environmental analyst preparing the Project initial study. The Project included the proposal to modernize the existing Lake Elementary School campus by reconfiguring existing relocatable classroom buildings on-site; adding a variety of new instructional and instructional support facilities to the existing campus, including five new relocatable classroom buildings; constructing a new multipurpose building, including a kitchen and restroom facilities; relocating the bus and maintenance facility; constructing a new student loading and staff/visitor parking area to enhance safety; and improving current on-site utility systems comprising a new well for potable water, fire, and life safety equipment including an aboveground water storage and water-pressure booster tank, water and wastewater conveyance infrastructure, and a new engineered wastewater disposal system.

Potrero CAL FIRE Station Replacement Project, San Diego County – California Department of Forestry and Fire Protection, under On-Call Contract with California Department of General Services Real Estate Services Division (2018-2019). Prepared the air quality, greenhouse gas emissions, and noise analysis for this Project, where the primary environmental issue included noise from on-site operations as well as the use of sirens in this rural residential community.

CAL FIRE Prado Helitack Base Replacement, San Bernardino County – California Real Estate Services Department (2020). The Project includes the construction of a new helitack base and associated facilities/structures. Specifically, new facilities would include a 26-bed barracks (with four offices), mess hall, and resources management office building. Other improvements would include a warehouse, training tower, helicopter hangar, garage, electrical building, and storage building. Analyzed the Project effects to air quality, greenhouse gas emissions, energy consumption and noise. Key concerns associated with the Project include helicopter noise.

CAL FIRE San Luis Obispo Regional Unit Headquarters Replacement Project, San Luis Obispo County – California State Real Estate Division (2018). Coordinated the completion of the air quality and greenhouse gas emissions Initial Study analyses for the proposal to demolish 23,000 square feet of existing buildings and associated facilities in order to allow for the construction of new site improvements consisting of a maximum of approximately 39,040 square feet of new buildings.

Bieber Fire Station Helitack Base, Lassen County – CAL FIRE (2017). The proposed Project would involve the relocation and replacement of the existing Bieber Fire Station and Helitack Base located at 510 Bridge Street, Bieber, California. The Project involves design and construction of a new fire station and helitack base complex. The proposed facility would increase existing staffing levels for CAL FIRE helicopters. Quantified increases of typical air pollutants using the California Emissions Estimator Model (CalEEMod), and airborne particulate attributable to the proposed the Environmental Protection Agency's National Air Pollutant Emission Trends, Procedures Document 1900–1996 (1998). The Climate Registry's General Reporting Protocol for the Voluntary Reporting Program Version 2.1 (2015) was used to quantify greenhouse gas emissions emitted during helicopter flights.

Kristina Walker-Berry

Senior Biologist

Ms. Walker-Berry is a biologist and project manager with more than 15 years (11 with ECORP) of professional experience in field surveys, biological monitoring, preserve management, permitting, permit compliance, and report preparation for biological resources in both northern and southern California. Her experience includes serving as Project Manager on a wide range of projects, including projects with a large biological monitoring effort and preserve monitoring and management projects, preparing and coordinating with agencies for regulatory permits, and assisting clients with permit compliance. She is experienced in conducting arborist surveys, focused and general surveys for listed and sensitive plants, general surveys for nonnative plants, vegetation mapping and assessment, jurisdictional wetland delineations, protocol surveys and habitat assessments for burrowing owls, nesting bird surveys, and biological construction monitoring related to all of the above categories. She has also conducted bald eagle, big horn sheep, vernal pool brachiopod, and arroyo toad surveys.

Education

B.S., Environmental Science, University of Redlands, Redlands, CA

Certificate in Field Botany, University of California, Riverside Extension, Riverside, CA

Registrations, Certifications, Permits and Affiliations

- International Society of Arboriculture Certified Arborist (Number WE-11308A) – Valid until 12/31/2024
- International Society of Arboriculture Tree Risk Assessment Qualified – Valid until 12/13/2027
- State of California Authorization to Collect Voucher Specimens of State-Listed Plants (Number 2081(a)-13-123-V) – Valid until 12/31/2022
- Federal Fish & Wildlife Permit for Listed Large Branchiopods (wet & dry season sampling) (TE-012973-11)

Professional Experience

Central Amador Water Project Pioneer Water Rehabilitation Project, Amador County – Amador Water Agency (2017). Arborist who conducted an arborist survey for the project, assisted with the nesting bird survey, and assisted with locating an appropriate agency to accept funds to mitigate for removed trees. This approximately one-mile-long project, with a 20-foot buffer, plans to install a new pipeline to increase fire flow and improve the distribution system reliability.

Growlersburg Conservation Camp Replacement Project, El Dorado County – California Department of Forestry and Fire Protection (2021). Senior biologist for the project. The California Department of Forestry and Fire Protection proposes to upgrade the Growlersburg Conservation Camp located in Georgetown, California. Growlersburg Conservation Camp was built in 1967 and was designed as a three-

crew camp. ECORP was retained to conduct technical studies and prepare the initial study to identify and assess potential environmental impacts of the proposed Project. Ms. Walker-Berry conducted the tree survey and prepared the arborist report.

Big Stump Fuels Management, Fresno and Tulare Counties – Sequoia National Forest (2017-2018). Staff Biologist who managed the botanical portion of the Biological Assessment (BA)/Biological Evaluation (BE) through coordination with U.S. Forest Service (USFS) staff and coordinating staff to conduct surveys and write the BA/BE. The Hume Lake Ranger District proposes to use prescribed fire for fuel management within the ±3,170-acre project.

Atwood Ranch Open Space Preserve, Placer County – Auburn Recreation and Park District (2013-2018). Project Manager who conducted and coordinated site inspections, analyzed and summarized the monitoring results for the semi-annual monitoring report, conducted nesting bird surveys, assisted with the creation of a firebreak, and coordinated with the client and agencies on the removal of invasive plant species. Starting in 2007, ECORP conducted annual open space monitoring and reporting for the 10.6-acre Atwood Ranch Open Space Preserve in compliance with the site's Operations and Management Plan. The site was biologically inspected twice a year and the overall preserve condition, wildlife use, invasive/nonnative plant species, hydrologic integrity, condition of signage, fencing integrity, trash, and unauthorized activities were monitored. The data was analyzed, and the monitoring results and any necessary recommended maintenance and management actions were summarized in annual monitoring reports to the USACE.

Folsom Pipeline, Folsom, Sacramento County – FIG Cost Sharing, LLC (2019-2022). Senior Biologist who conducted an arborist survey along the project alignment and prepared an arborist report. The proposed Project consists of a water pipeline to service the Folsom Plan Area located south of U.S. Highway 50.

Cedar Battery Energy Storage System, Amador County – Z Global (2021). Senior Biologist who conducted the arborist survey for the Project. The proposed project will install a battery energy storage system that would feed into existing electrical distribution lines. This would help improve local grid reliability by providing instantaneous frequency regulation and responsive reserves to PG&E, thus helping to reduce the need for a new power plant in the region.

Dry Creek Greenway Multi-Use Trail Phase 1, Placer County – sub to Psomas (2020-2022). Senior Biologist who conducted an arborist survey and prepared the report for the Project, while also coordinating with Psomas engineers and the City of Roseville Urban Forester. The City of Roseville plans to create an approximately three-mile multi-use trail along portions of Dry Creek, Cirby Creek, and Linda Creek.

Hemphill Diversion Structure Project, Placer County – Nevada Irrigation District (2020-2021). Senior Biologist who conducted the arborist survey for the Project. The purpose of this project is to remove a diversion structure to allow for fish migration in Auburn Ravine. ECORP has been retained to complete CEQA documentation and technical studies for the project.

Jeremy Adams

Cultural Resources Manager/Senior Architectural Historian

Mr. Adams is a Cultural Resources Manager and Senior Architectural Historian with 12 years of experience in developing cultural resources management strategies and leading the implementation of cultural inventories, evaluations, effects analysis, and preparation of mitigation documents. He holds a Master of Arts degree in History (Public History), a Bachelor of Arts degree in History, and he meets the Secretary of the Interior's Professional Qualification Standards for Architectural History and History. Mr. Adams serves as principal investigator for all architectural history components of projects and is well versed in the practical application of the laws and regulations of Section 106 of the National Historic Preservation Act (NHPA) and California Environmental Quality Act (CEQA). He is highly skilled at historical research and analysis and is familiar with numerous archives, libraries, museums, and other historical repositories throughout California. He has prepared historic contexts, property histories, and carried out architectural site documentation for buildings, structures, and historical landscapes. He has also prepared built-environment impact assessments and has developed mitigation measures for CEQA and Section 106 projects. In addition, he has carried out all three versions of Historic American Buildings Survey (HABS), Historic American Engineering Record (HAER), Historic American Landscapes Survey (HALS) documentation, developed educational interpretive panels, has completed Caltrans Standard Environmental Reference documents, multiple versions of Finding of Effect documents, and has evaluated numerous historic-age buildings and properties, as well as assisted lead agencies with State Historic Preservation Officer (SHPO) consultation. As the manager of ECORPs cultural resources department in Rocklin, he has led numerous cultural resources studies and is the principal investigator and author for multiple architectural history studies.

Education

M.A., History (Public History), California State University, Sacramento

B.A., History, California State University, Chico

Professional Experience

Cultural Resources Studies Cuesta Heights Water Storage and Distribution Improvement, Tuolumne County – Tuolumne Utilities District (TUD) (2017-Ongoing). Cultural Resources Manager responsible for planning strategy and implementation of the cultural resources inventory and evaluations for the TUD Cuesta Heights Water Storage Project located near Sonora, Tuolumne County. The project required a multi-phased approach to record, evaluated, and prepare a finding of effect impacts assessment for resources within the project impact area. Through project implementation, participated in conference calls and led strategy discussions that supported the TUD through the CEQA process for impacts to cultural resources.

White Rock North Dump Groundwater Extraction and Treatment System Extraction Wells and Pipeline Project, Sacramento County – Aerojet Rocketdyne (2016-2019). Assistant Cultural Resources Manager responsible for coordination and management of a cultural resources inventory report. To support the USACE 404 permit for the project, coordinated an archaeological inventory, records search, and

preparation of a cultural resources inventory report. The project also required coordination with project engineers and regulatory managers.

Cultural Resources Studies for the Calaveras County Water District (CCWD) Ebbetts Pass Reach 1 Water Transmission Pipeline Capital Improvements Project, Calaveras County – Calaveras County Water District (2017-Ongoing). Cultural Resources Manager responsible for the planning strategy and implementation of the cultural resources inventory and evaluations for the CCWD Ebbetts Pass project located along Highway 4, Calaveras County. The project required archaeological survey, recordation, and evaluation of cultural resources located along Highway 4 within the project area. Supported CCWD with planning and implementation of their project by coordinating the preparation of appropriate cultural resources studies for the project, participating in project planning conference calls, and working with the engineering team.

Water Rights Extension Project Environmental Impact Report/Environmental Impact Study (EIR/EIS), Placer County – Foresthill Public Utilities District (2015-Ongoing). Assistant Cultural Resources Manager responsible for strategic planning and implementation of cultural resources studies to support the project Environmental Impact Report. Supervised the cultural resources inventory and evaluations, organized and led project consultation meetings with the Foresthill PUD and USFS, as well as coordinated all Tribal consultation. The project required ongoing consultation and strategic planning with the USFS through implementation.

White Pines Stream Gaging Project, Calaveras County – Calaveras County Water District (CCWD) (2016). Cultural Resources Manager responsible for the management and preparation of a cultural resources constraints analysis for the installation of stream gages by the CCWD. To support the CEQA Categorical Exemption for the project, coordinated an archaeological records search and constraints analysis. The analysis included an evaluation of the remains of a washed out historic-age bridge.

North Vineyard Station Roads Off-Site Infrastructure, Gerber Road at Excelsior Project, Sacramento County – Ed Wong Real Estate and Development (2016). Assistant Cultural Resources Manager responsible for coordination and management of a cultural resources inventory report. To support the USACE 404 permit for the project, coordinated an archaeological inventory, records search, and preparation of a cultural resources inventory report. The project also required coordination with project engineers and regulatory managers.

Teichert-Granite Water Rights Evaluation, Sacramento County – Teichert Granite (2013). Architectural Historian responsible for historical and archival research and analysis of data regarding existing water rights, property ownership, and title transfer history for several parcels located in Sacramento County. The water rights research and analysis was included in a technical memorandum.

Bieber Fire Station and Helitack Project, Lassen County – California Department of General Services (2015-2016). Cultural Resources Manager responsible for the management and implementation of a cultural resources inventory of the proposed Bieber Helitack property including evaluation of identified resources. To support the CEQA document for the project, coordinated an archaeological inventory, records search, archaeological test excavations and archival research, and preparation of a cultural resources inventory and evaluation report. The evaluations included historic and prehistoric archaeological sites that required coordination and planning with a large team for test excavations.

John C. Calton, PE - Principal

J Calton Engineering
5723 Oak Creek Place, Granite Bay, CA 97546
Email: jcalton@surewest.net, phone: (916) 375-9797

Education B.S. /1985 / Electrical Engineering, University of California, Los Angeles

Registrations
Registered Professional Electrical Engineer, CA No. E14099
Registered Professional Electrical Engineer, NV No. 17605
Registered Professional Electrical Engineer, AR No. 12497
Registered Professional Electrical Engineer, AZ No. 51217

Professional Background
Mr. Calton has been sole proprietor of J Calton Engineering since September 2006. He has over thirty years of experience in water and waste water related projects. He has performed electrical designs for water treatment facilities, pumping plants, storm drain facilities, ground water wells, reservoirs, irrigation canals and fish screens. John has also provided instrumentation design for above-mentioned projects, in addition to programming programmable logic controllers (PLC) and configuring in-plant supervisory control and data acquisition (SCADA) systems. He has been involved on numerous projects during the construction phase providing construction management support ranging from shop drawings review, cost estimates, contract document clarifications, change order negotiations, construction inspection, field testing, weekly coordination meetings, staff training and system start-up. Mr. Calton has assisted with configuration and witnessed testing of electrical protective relays and overcurrent devices.

Key Project Experience

Verdera North Tank #3 - City of Lincoln, CA
Mr. Calton provided electrical and instrumentation design for this 5 MG tank, working with Bennett Engineering Services. Project included Control Building with PLC Panel, water quality analyzers, regulating valve, altitude valve, and site lighting controls. Project also included a fiber optic cable run to existing Tank #2.

The Rivers Phase II Water Tank and Pump Station, City of West Sacramento, CA – Lead electrical and instrumentation engineer for this booster pump station facility and potable water tank, working with Bennett Engineering Services. Pump station included two 100 horsepower VFD controlled pumps for zone pressurizing. Project included Control Building to house pump station, motor control center, PLC panel, and water quality analyzers. Work included preparation of desing/build electrical design drawings including site plan, control schematics and conduit and cable schedules. Also provided instrumentation drawings from P&IDs to control panel layouts. Project included: flow monitoring, pressure and level control, radio telemetry, site lighting, CCTV and building security. Project currently under construction.

Orinda Water Treatment Plant UV Disinfection Project – East Bay Municipal Utility District, Oakland, CA – Mr. Calton is lead electrical engineer for design of new ultraviolet disinfection facility, maintenance buildings, distribution switchgear building with standby generator for this 200 MGD direct filtration water treatment plant. Project includes design of two prefabricated power distribution centers with medium voltage switchgear and automatic protection and controls. Provided new starters for 2400VAC pump station with three 500 hp units. Project under construction with bid price of $270 million.

Water Treatment Plant On-Call Support - City of Roseville, CA
Mr. Calton has an on-going On-Call contract with the City of Roseville Water Treatment Plant to provide electrical and instrumentation design and SCADA programming as needed. On-Call support has been provided since 2009.

Walnut Grove Treated Water Tank and Booster Pump Station – California-American Water Company, Walnut Grove, CA

Lead electrical and instrumentation engineer for new treated water tank and booster pump station. Electrical design included tying into existing switchboard, interfacing with existing programmable logic controller and keeping electrical equipment above the 100-year flood zone. Booster pumps were two 20 hp and two 50 hp units. Project include pressure control with back up pressure switches and hydropneumatic tank. Work included preparation of detailed electrical design drawings; including site layout, control schematics and conduit schedules. Project design per client standards. Completed in 2018.

Blue Oaks and Hayden Parkway Well Pump Stations - City of Roseville, CA

Lead electrical and instrumentation engineer for these 300 HP wells that included buildings with intelligent lighting controls, sodium hypochlorite and fluoride feed systems, CCTV system, and access control system. Wells also serve as aquifer recharge for the City. Work included preparation of detailed electrical design drawings; including site layouts, Building power and control plans, control schematics and conduit schedules. Provided instrumentation drawings, P&IDs and control panel layouts. Project scope included water quality monitoring equipment and remote monitoring and control from City SCADA system. Construction completed in 2015.

Dom-232 Booster Pump Station Upgrade – California Water Systems, Torrance, CA

Lead electrical and instrumentation engineer for upgrade to potable water booster pump station. Project included four new 150 HP pumps and one 75 HP high capacity pump. Project required existing pump station to remain on line while new pumps sequenced in. Electrical design included tying into existing switchboard, interfacing with existing remote terminal unit and plan for future CCTV system. Work included preparation of detailed electrical design drawings; including site layout, control schematics and conduit schedules. Project design per client standards. Construction completed 2019.

Rio Cosumnes Correctional Center Pump Station– Sacramento County, Elk Grove, CA

Lead electrical and instrumentation engineer for well pump, potable water booster pump station with fire pump and standby power. Project included four new 15 thru 25 HP treated water pumps and one 60 HP well pump. Project required treatment process for well pump flow. Electrical design included new service, switchboard, variable frequency drives to maintain system pressure control, and standby power system. Electrical equipment was housed in conditioned building. Work included preparation of detailed electrical design drawings; including site layout, control schematics, and conduit schedules.

Bradley Friederichs, S.E.

Professional Registration

California Structural Engineer, S2780

Education

B.S. Civil Engineering with honors, California State University, Sacramento, 1979

Professional Affiliations

Structural Engineers Association of Central California, president 1989

American Society of Civil Engineers

American Concrete Institute

American Institute of Steel Construction

Bradley Friederichs has 37 years' experience as structural engineer for wastewater, water treatment, commercial, industrial, agricultural, retail and residential structures. His expertise is in cast-in-place concrete, prestressed concrete, steel, wood and masonry construction. His specialty is in producing completely detailed, contractor friendly, value-oriented construction documents resulting in projects that bid well with few change orders.

Mr. Friederichs was involved in the following projects:

PROJECT EXPERIENCE related to Water/Wastewater Projects

Conspiracy Point 5 MG Tank Investigation (City of Lincoln) Investigate concrete cracking of a prestressed concrete tank due to blasting in the foundation bedrock near the tank. The tank roof had extensive fine cracking. Prepare recommendations and a report for mitigation of the cracking.

San Mateo County CSA 11 150,000 gallon Tank Assessment Investigate and evaluate corrosion of the steel tank roof. Evaluate the tank anchorage for current seismic requirements in accordance with current AWWA standards. Recommend conceptual repairs to mitigate the findings.

Saputo Cheese Co, Newman, CA 152,000 gallon Tank Design Structural design for a flat-bottom, stainless steel tank and seismic anchorage.

City of Sacramento, 1 MG Tank Seismic Upgrade Seismic rehabilitation of three, elevated, 1 MG water tanks. Two tanks are concrete and were rehabilitated with new shotcrete shells. The Freeport 1 MG steel tank is retrofitted with Pall Friction Dampers.

UC Davis, 300,000 gallon Tank Seismic Upgrade Seismic rehabilitation of two, elevated 300,000 water tanks with Pall Friction Dampers.

Woodbridge Winery 108,000 and 650,000 gallon Tank Design Structural engineer for design of two stainless steel, flat-bottom tanks.

Monte Vista Intake Structure (PCWA) Structural engineer for cast-in-place concrete structures consisting of a canal intake, screen and tank foundation. The approximate plan dimensions are 30 ft x 30 ft x 10 ft high. Cost: $1 million

2 MG Water Tank Foundation and Pump Station, West Sacramento, CA Structural engineer for an auger cast pile and concrete mat slab foundation for a steel tank. Design for a 30 ft x 80 ft CMU building also placed on auger cast piles. The piles reduce settlement due to liquefaction. Cost: $10 million

Lincoln New Wastewater Treatment Plant (City of Lincoln) Structural engineer for clarifiers, DAF, filter, influent junction structure, influent lift station, plant water pump station, RAS pump station, reaeration basin, solids holding basin, oxidation basin (75'x150'x20' deep). All structures are below grade and constructed of cast-in-place concrete. Cost: $80 million

Lincoln Oaks 1.5 MG Tank Review and Pump Station (California American Water Co.) Review of the tank and design for 26 ft x 35 ft CMU pump station with wet well. Cost: $5 million

Greenwood Reservoir 1.5 MG Tank Foundation and Pump Station (Georgetown PUD) Foundation design of the tank, multiple cast-in-place concrete structures and a two-story, CMU building for office, shop and supplies. Cost: $5 million

Callamont Estates, Washoe County, NV 500,000 gallon Water Tank A 72 ft dia. x 21 ft high cast-in-place concrete buried water tank. Cost: $1.5 million

Dry Creek Recycled Water Outfall Facilities (Placer County) CMU walls and metal canopy enclosure. Cost: $50,000

Dry Creek Sewer Lift Station Building Evaluation (Placer County) Evaluate CMU pump station building for structural issues related to inadequate inspection during construction.

Auburn Ravine Lift Station (Placer County) Rehabilitate existing cast-in-place concrete lift station and design a new access bridge. Cost: $3 million

Rancho Seco Nuclear Power Plant Decommission Prepare structural demolition plans for removal of reactor vessel head, coolant piping and structural framing. Design removal sequence plan, lifting devices and rigging.

RESOLUTION 2022-10

A RESOLUTION OF THE HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT AUTHORIZING THE GENERAL MANAGER TO SIGN A PROFESSIONAL SERVICES CONTRACT WITH BENNETT ENGINEERING FOR THE PLANNING, ENGINEERING AND DESIGN FOR THE DEFENSIVE SPACE IGNITION RESISTANT CONSTRUCTION (DSIRC) PROJECT

WHEREAS, the District recognizes the urgent need for mitigation of natural hazards in its critical infrastructure; and

WHEREAS, Mitigation Action Strategies #4 and #21 of the District's Local Hazard Mitigation Plan of 2020 specifically identify Water Storage Reliability and Wildfire Fuels Mitigation as projects to address the risk natural hazards pose to the District's critical infrastructure; and

WHEREAS, the District requires assistance with the required Planning, Engineering and Design to advance the DSIRC Project; and

WHEREAS, the District desires to contract for such services with a private consultant; and

WHEREAS, a Request for Proposals was advertised on August 26, 2022 in conformance with federal regulations (2 CFR 200) and three proposals were received on September 30, 2022; and

WHEREAS, after a thorough review of responders, Bennett Engineering provided the most beneficial proposal to the District at $337,093.

NOW THEREFORE BE IT RESOLVED, by the Board of Directors of the Hidden Valley Lake Community Services District, Lake County, California, as follows:

1. The above recitals are true and correct and are hereby incorporated into this Resolution as findings of the Board of Directors of the Hidden Valley Community Services District.
2. The contract for Planning, Engineering and Design for the DSIRC Project is hereby awarded to Bennett Engineering in the amount not to exceed of $337,093 conditioned on Bennett Engineering's timely execution of the Professional Services Agreement and submitting all required documents which include certificates of insurance or other documentary evidence of insurance requirements enumerated in Sections V and VI of the Professional Services Agreement.
3. The General Manager is hereby authorized to execute upon submission by Bennett Engineering all documents required pursuant to the Request for Proposal and Professional Services Agreement and to take all other necessary actions for performance of the contract.
4. This Resolution shall become effective immediately upon its adoption.

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I hereby certify that the foregoing resolution was duly and regularly adopted by the Board of Directors of the Hidden Valley Lake Community Services District, Lake County, California, at a meeting thereof held on the 18th day of October 2022, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

_____ _____

Gary Graves
President of the Board

Dennis White
General Manager/Secretary to the Board