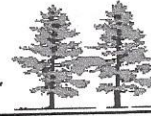


RIVER PINES PUBLIC UTILITY DISTRICT



12900 Canyon Avenue, P.O. Box 70, River Pines, CA. 95675
(209) 245-6723 Tel (209) 245-5710 Fax
www.rppud.org

REGULAR MEETING AGENDA

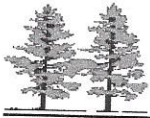
Wednesday, January 13, 2016 - 6:30 P.M.

Please Note: All River Pines Public Utility District Board of Directors meetings are tape recorded.
In compliance with the Americans with Disabilities Act, if you are a disabled person and you need disability-related modifications or accommodations to participate in this meeting, please contact the District office at 209-245-6723.
Requests must be made as early as possible, and at least two full business days before the start of the meeting.

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PLEDGE OF ALLEGIANCE**
4. **AGENDA:** Approval of agenda for this date; any and all off-agenda items must be approved by the Board (pursuant to §54954.2 of the Government Code.)
5. **PUBLIC COMMENT FOR MATTERS NOT ON THE AGENDA:** Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject within the jurisdiction of the Board; however, any matter that requires action may be referred to staff and/or Committee for a report and recommendation for possible action at a subsequent Board meeting. Please note - there is a **three (3) minute limit per topic**.
6. **MINUTES: Discussion / Approval.**
 - A. December 9, 2015 Regular Meeting
7. **MONTHLY FINANCIAL REPORT: Discussion / Approval.** Period ending December 31, 2015.
8. **EXPENDITURE REPORT: Discussion / Approval.** Submitted Check Approval through January 7, 2016.
9. **MONTHLY OPERATIONS REPORT: Discussion.** Any matter requiring action will be placed on an upcoming agenda for consideration.
 - A. Monthly Water and Wastewater Operations Report.
 - B. Monthly General Manager Report.
10. **BOARD MATTERS: Discussion / Action / Direction to Staff.**
 - A. Continued Update on CDBG Grant Program.
 - B. Continued Update on Cal-Fire Grant.
 - C. Continued Update on Department of Water Resources - Water Rights Permit #20878.
Review issues and provide direction to staff on maintenance and retention of existing Cosumnes River Water Rights held by the District.
 - D. Road repair – Review options for necessary repairs to the access road to the wastewater treatment plant.
Continued from December 9, 2015.
 - E. Wastewater Treatment Plant Sprinkler Control Upgrade
Review and discuss proposal from Brent Stewart, P.E.
 - F. Resolution #2016-01 – Accepting Wastewater Treatment Plant Proposal for Sprinkler Control Upgrade.
 - G. Bylaws & Administrative Policies Update – Continued review of updating the existing Bylaws & Administrative Policies.

- 11. BOARD OF DIRECTORS COMMENTS/REPORTS:** Discussion Only.
- A. Dumpster Day – Report by volunteers Ebbinghausen and Jones on information obtained from ACES Waste Services related to organization of Dumpster Day in River Pines. Continued Item.
 - B. Capital Improvements and general repairs necessary at the District. Continued Item.
- 11. COMMITTEE COMMENTS/REPORTS:** Continued Item.
- 12. FUTURE AGENDA TOPICS:** This is an opportunity for Board Members and District Staff to request matters to be placed on upcoming agendas.
- 13. ADJOURNMENT –** The next Regular Meeting will be held on Wednesday, February 10, 2016 at 6:30 p.m.

* * * * *



RIVER PINES PUBLIC UTILITY DISTRICT

River Pines Public Utility District
January 13, 2016 Meeting
Agenda Item 6a

Wednesday, December 9, 2015
ACTION MINUTES

1. **CALL TO ORDER:** The meeting was called to order by Chairman Landgraf at 6:34 p.m.
2. **ROLL CALL/MEMBERS PRESENT:**

Chairman Cathy Landgraf	Candi Bingham, General Manager
Vice Chairman Michael Gardner	Mary Beth Van Voorhis, Board Clerk
Director Anita Ebbinghausen	
Director Rick Miller	
Director René Walden-Qualls	
3. **PLEDGE OF ALLEGIANCE:** Chairman Landgraf led the Pledge of Allegiance.
4. **SEATING OF NEWLY APPOINTED DISTRICT BOARD MEMBERS:** The District welcomed the following appointed board members:
 - René Walden-Qualls (Term ends 12/2017)
 - Anita Ebbinghausen (Term ends 12/2019)
 - Rick Miller (Term ends 12/2019)

Continuing Board Members: Cathy Landgraf (Term ends 12/2017)
Michael Gardner (Term ends 12/2019)
5. **AGENDA: M/S Gardner/Walden-Qualls to approve the agenda, as presented. Motion carried 5-0 with the following vote:**

AYES:	Ebbinghausen, Gardner, Landgraf, Miller, Walden-Qualls.
NOES:	None.
ABSTAIN:	None.
ABSENT:	None.
6. **PUBLIC COMMENT FOR MATTERS NOT ON THE AGENDA:** None.
7. **ELECTION OF OFFICERS:**

Nomination by Gardner for Landgraf to continue to serve as District Chairman.
M/S Gardner/Ebbinghausen to elect Landgraf to serve as Chairman for 2016.
Motion carried 4-1 with the following vote:

AYES:	Ebbinghausen, Gardner, Miller, Walden-Qualls.
NOES:	None.
ABSTAIN:	Landgraf.
ABSENT:	None.

The Board commended Ms. Landgraf for her past and continued service to the District and her dedication to obtaining much needed grant funding.

Nomination by Landgraf for Gardner to continue to serve as District Vice Chairman.
M/S Ebbinghausen/Walden-Qualls to elect Gardner to serve as Vice Chairman for 2016.
Motion carried 4-1 with the following vote:

AYES: Ebbinghausen, Landgraf, Miller, Walden-Qualls.
NOES: None.
ABSTAIN: Gardner.
ABSENT: None.

With great appreciation, the Board thanked Mr. Gardner for his service to the District.

8. RESOLUTIONS:

A. Approval of Resolution #2015-10 Authorizing the District General Manager to sign and file a Financial Assistance Application with the State Water Resources Control Board for River Pines Water Rehabilitation Study project.

M/S Walden-Qualls/Gardner to approve Resolution #2015-10 as presented.

Motion carried 5-0 with the following vote:

AYES: Ebbinghausen, Gardner, Landgraf, Miller, Walden-Qualls.
NOES: None.
ABSTAIN: None.
ABSENT: None.

B. Approval of Resolution #2015-11 authorizing the District Manager to negotiate the 2015 contract with Service Employees International Union (SEIU) Local 1021.

M/S Walden-Qualls/Gardner to approve Resolution #2015-10 as amended, to include "District General Manager Candi Bingham". Motion carried 5-0 with the following vote:

AYES: Ebbinghausen, Gardner, Landgraf, Miller, Walden-Qualls.
NOES: None.
ABSTAIN: None.
ABSENT: None.

9. MINUTES:

A. September 23, 2015 – WORKSHOP – Emergency Plan

M/S Gardner, Ebbinghausen to approve as amended, to include Board members Ebbinghausen, Gardner, Landgraf, Walden-Qualls attendance at the workshop, Item #4 to read "Do not reinvent the wheel, and the time of adjournment of 4:30 p.m."

Motion carried 4-1 with the following vote:

AYES: Ebbinghausen, Gardner, Landgraf, Walden-Qualls.
NOES: None.
ABSTAIN: Miller.
ABSENT: None.

B. November 11, 2015 Regular Meeting

M/S Gardner, Walden-Qualls to approve with the following correction:

9A. Continued Update on CDBG Grant Program. Refer to Monthly General Manager Report.

9B. Continued Update on Cal-Fire Grant: Manager Bingham reported that due to the Butte Fire and Valley Fire resources are scarce, therefore, some trees will be removed this month and the remainder in December 2015.

Motion carried 4-1 with the following vote:

AYES: Ebbinghausen, Gardner, Landgraf, Walden-Qualls.
NOES: None.
ABSTAIN: Miller.
ABSENT: None.

10. MONTHLY FINANCIAL REPORT: Period ending November 30, 2015.

Manager Bingham reported a QuickBooks file error and that she will seek QuickBooks support for assistance in correcting the Balance Sheet. She confirmed grant funds received in October were expensed in November.

She reported the \$500-line item in Auto Repair was for the tractor tune up. The Board directed Ms. Bingham to provide a separate category for Equipment Repairs & Maintenance with a sub-category for tractor expenses.

The Board directed Ms. Bingham to add "El Dorado Leak Repair" to the expense line item for contracted Project Personnel to accurately reflect the expense.

M/S Gardner, Ebbinghausen to approve with the above noted direction.

Motion carried 5-0 with the following vote:

AYES: Ebbinghausen, Gardner, Landgraf, Miller, Walden-Qualls.
NOES: None.
ABSTAIN: None.
ABSENT: None.

11. EXPENDITURE REPORT: Submitted Check Approval through December 3, 2015.

M/S Gardner, Walden-Qualls to approve as submitted.

Motion carried 5-0 with the following vote:

AYES: Ebbinghausen, Gardner, Landgraf, Miller, Walden-Qualls.
NOES: None.
ABSTAIN: None.
ABSENT: None.

12. MONTHLY OPERATIONS REPORT.

A. Monthly Water and Wastewater Operations Report.

Discussion included CYA cleaning of the Pigeon Trail and Slate Creek culvert.

Manager Bingham to confirm schedule with Amador Mechanical for whole system camel jet services. Operator Guina to assist.

B. Monthly General Manager Report.

Manager Bingham advised of an SEIU Local 1021 mediation pre-impasse meeting which is scheduled on January 14, 2016. She said the District pays 50% of the mediator costs. She said that fact finding begins once impasse has been declared.

Manager Bingham reported on the DWSRF Planning Grant. She said Ms. Cox recommended submitting general documents to begin with and that the State will provide assistance with completion of the remainder of the application.

Manager Bingham said the water usage report is due to the State by December 15, 2015. She still needs to confirm 2013 totals.

Manager Bingham reported the propane tank is owned by the District and the District must use the remaining propane prior to selling the tank.

Manager Bingham reported the office heater died. She also commented the Workers Compensation Audit was almost complete, and the filing of an Encroachment Permit for 2016 with Amador County.

Ms. Bingham stated the office would be closed Wednesday and Thursday (December 23rd & 24th). She said Operator Guina would be performing meter reads on December 23rd.

Manager Bingham reported Hal Jones has a District dumpster key as he continues to collect trash in the park. The Board THANKED Mr. Jones for his continued assistance.

13. BOARD MATTERS:

A. Continued Update on CDBG Grant Program.

Manager Bingham reported meeting with Jack Scroggs to review the map. Seven locations need to be potholed at a cost of approximately \$2,000/hole. In reviewing the proposals from KASL, it was noted that PRV's are needed at an approximate cost of \$15,000/each. Meters are not included in the proposal pricing. She discussed the need to move existing meters from backyards to the front yard. She said fire hydrants are required every 300'.

Director Landgraf questioned the feasibility of obtaining a \$7,000 grant. She feels Mr. Scroggs should be working on something attainable. Manager Bingham noted the well and distribution system would be separate projects. She indicated the surveyors would be in town next week working with Operator Guina and that Mr. Scroggs would be returning after the holidays.

B. Continued Update on Cal-Fire Grant.

Manager Bingham report Hilltop tree service will be performing the work and she has received their insurance certificate. She indicated the work would be done the last week in December 2015 and that mastication of the road side fuel break is scheduled for January 11, 2016. Chairman Landgraf reported Mr. Oneto indicated there is no grant money available.

C. Department of Water Resources - Water Rights Permit #20878.

Review issues and provide direction to staff on maintenance and retention of existing Cosumnes River Water Rights held by the District.

- i. Flow measuring device.
- ii. Slow Sand Filter operations review and needs assessment.
- iii. Purchasing and funding options.

Nothing new reported on this matter.

D. Road repair – Review options for necessary repairs to the access road to the wastewater treatment plant. Continued from November 11, 2015.

Manager Bingham reported Briski has looked at the project to gravel, grade, and roll the road. Director Landgraf reported the water line that feeds the sewer plant is only 4-6" below the surface along the side of the road. She indicated that Schedule 80 PVC or heavier is used at this location. Also, Director Landgraf will contact Steve Zalkind, former Attorney for the District, regarding information on existing easements. Manager Bingham will contact Lubenko and Amador Mechanical, along with Briski for quotes prior to the next meeting.

E. Winter work hours for Plant Operator.

M/S Gardner/Ebbinghausen to begin winter Operator hours of 7:00 a.m. to 3:30 p.m. on December 14, 2015 through daylight savings when Operator hours will be 6:30 a.m. to 3:00 p.m. Motion carried 5-0 with the following vote:

AYES: Ebbinghausen, Gardner, Landgraf, Miller, Walden-Qualls.
NOES: None.
ABSTAIN: None.
ABSENT: None.

F. ECWAG update on close out and completion of grant with report of status of potential overpayment to Briski Well Drilling.

Manager Bingham reported the accounting is now accurate. She said the District paid \$7,474.85 for the \$34,000 security system.

G. Review bid for roof repair to the Shed structure at the Circle Avenue Tank.
To be presented at the next meeting for discussion.

H. Slate Creek Culverts – Update on timing and cleaning options for the Slate Creek culverts.
Manager Bingham report cleaning will be done January 4 – 8, 2016.

- I. Bylaws & Administrative Policies Update – Continued review of updating the existing Bylaws & Administrative Policies.
Director Ebbinghausen shared two books with Director Walden-Qualls: Roberts Rule of Order and the Brown Act, Open Meeting Law.
Director Walden-Qualls said each board member has been given a copy of all comments that have incorporated into the DRAFT policies. She asked the directors to mark them up for continued review. The Board members commended Director Walden-Qualls on her diligent efforts. She indicated comments on Phase II, Administrative Policies, will be reviewed at the next meeting.

14. BOARD OF DIRECTORS COMMENTS/REPORTS:

- A. Dumpster Day – Report by volunteers Ebbinghausen and Jones on information obtained from ACES Waste Services related to organization of Dumpster Day in River Pines. Continued Item.
No new information to report.
- B. Capital Improvements and general repairs necessary at the District. Continued Item.
No new information to report.

11. COMMITTEE COMMENTS/REPORTS: None.

12. FUTURE AGENDA TOPICS: None.

13. ADJOURNMENT: The meeting adjourned at 8:27 p.m.

Respectively submitted,
Mary Beth Van Voorhis, Board Clerk

River Pines Public Utility District
Account QuickReport-Board Meetin
As of January 7, 2016

River Pines Public Utility District
January 13, 2016 Meeting
Agenda Item 8

Type	Date	Num	Name	Memo	Amount	Balance
Bank Accounts						
El Dorado Checking						14,587.48
Check	12/03/2015	eft	Gregory. Guina			14,587.48
Check	12/03/2015	eft	Tax Impound		-1,919.80	12,667.68
Check	12/03/2015	eft	Tax Impound		-166.27	12,501.41
Deposit	12/03/2015			Deposit	-790.90	11,710.51
Bill Pmt -Check	12/09/2015	12008	Aces Waste Ser...	1175	2,785.27	14,495.78
Bill Pmt -Check	12/09/2015	12009	Alpha Analytical ...		-82.01	14,413.77
Bill Pmt -Check	12/09/2015	12010	AT&T - Sewer	209 245-3984 701 9	-737.00	13,676.77
Bill Pmt -Check	12/09/2015	12011	C.S.D.A.	2016 Membership Dues	-69.27	13,607.50
Bill Pmt -Check	12/09/2015	12012	Candi Bingham	Per Contract - December 20...	-517.54	13,089.96
Bill Pmt -Check	12/09/2015	12013	Ferguson Enterp...	For Well 2/3R	-2,083.33	11,006.63
Bill Pmt -Check	12/09/2015	12014	Lemieux & O'Neill	Union Negotiations/Monthly ...	-186.02	10,820.61
Bill Pmt -Check	12/09/2015	12015	Lowe's	Sewer Parts/Office Heater	-555.40	10,265.21
Bill Pmt -Check	12/09/2015	12016	Mission Electroni...	Per Service Agreement - De...	-183.62	10,081.59
Bill Pmt -Check	12/09/2015	12017	Mt. Aukum Store	Invoice for November 2015	-280.00	9,801.59
Bill Pmt -Check	12/09/2015	12018	PG&E - Water	3357284549-4	-359.32	9,442.27
Bill Pmt -Check	12/09/2015	12019	SEIU	Pay Period Ending 11/27/20...	-438.56	9,003.71
Bill Pmt -Check	12/09/2015	12020	State Compensat...	12/1-1/1/2016	-35.17	8,968.54
Bill Pmt -Check	12/09/2015	12021	Water Complian...	November 2015 Meeting + ...	-446.67	8,521.87
Bill Pmt -Check	12/09/2015	12022	AT&T - Water	209 245-4011 722 0	-275.00	8,246.87
Bill Pmt -Check	12/09/2015	12023	PG&E - Office/T...	6898952032-2	-70.92	8,175.95
Bill Pmt -Check	12/09/2015	12024	PG&E - Water 2	2458584137-2	-36.13	8,139.82
Bill Pmt -Check	12/09/2015	12025	PG&E - Sewer	8721806002-5	-680.49	7,459.33
Check	12/09/2015	12026		VOID: misprint	-1,101.34	6,357.99
Check	12/09/2015	12027		VOID:	0.00	6,357.99
Check	12/09/2015	12028			0.00	6,357.99
Check	12/09/2015	12029			0.00	6,357.99
Check	12/09/2015	12030			0.00	6,357.99
Check	12/09/2015	12031			0.00	6,357.99
Bill Pmt -Check	12/09/2015	12032	USPS	Postage	0.00	6,357.99
Bill Pmt -Check	12/09/2015	12033	Anita Ebbinghau...		-147.00	6,210.99
Bill Pmt -Check	12/09/2015	12034	Cathy Landgraf		-75.00	6,135.99
Bill Pmt -Check	12/09/2015	12035	Michael Gardner		-75.00	6,060.99
Bill Pmt -Check	12/09/2015	12036	Rene Walden-Q...		-75.00	5,985.99
Bill Pmt -Check	12/09/2015	12037	Richard Miller		-75.00	5,910.99
Deposit	12/10/2015			Deposit	-75.00	5,835.99
Check	12/15/2015	debit	USPS	Postage - Frank Risso EC...	5,447.67	11,283.66
Check	12/17/2015	eft	Gregory. Guina		-5.05	11,278.61
Check	12/17/2015	eft	Tax Impound		-2,020.92	9,257.69
Check	12/17/2015	eft	Tax Impound		-186.78	9,070.91
Deposit	12/17/2015				-865.14	8,205.77
Deposit	12/17/2015			Deposit	5,980.23	14,186.00
Deposit	12/22/2015			Deposit	391.00	14,577.00
Bill Pmt -Check	12/28/2015	12038	Anthem Blue Cro...	208217	3,380.11	17,957.11
Bill Pmt -Check	12/28/2015	12039	Brent Stewart	Alarm Monitoring - Novemb...	-756.77	17,200.34
Bill Pmt -Check	12/28/2015	12040	California Bank ...	1030264749	-605.00	16,595.34
Bill Pmt -Check	12/28/2015	12041	Candi Bingham	Less Holiday Time off (10 hr...	-890.00	15,705.34
Bill Pmt -Check	12/28/2015	12042	Gregory Guina	January 2016 - Phone Reim...	-1,749.95	13,955.39
Bill Pmt -Check	12/28/2015	12043	PG&E - Street Li...	7368064062-7	-100.00	13,855.39
Bill Pmt -Check	12/28/2015	12044	RBC	fbo Gregory Guina #771-10...	-162.07	13,693.32
Bill Pmt -Check	12/28/2015	12045	SEIU	Period Ending 12/12/2015	-300.00	13,393.32
Bill Pmt -Check	12/28/2015	12046	Ragg Mopp Janit...	December Cleaning & Wate...	-37.56	13,355.76
Bill Pmt -Check	12/28/2015	12047	RBC	Annual Maintenance Fee - ...	-270.00	13,085.76
Bill Pmt -Check	12/29/2015	12048	USPS	December Billing Postage	-35.00	13,050.76
Deposit	12/29/2015			Deposit	-147.00	12,903.76
Deposit	12/31/2015			Interest	7,922.35	20,826.11
Check	12/31/2015	eft	Gregory. Guina		0.22	20,826.33
Check	12/31/2015	eft	Tax Impound		-1,919.78	18,906.55
Check	12/31/2015	eft	Tax Impound		-166.28	18,740.27
Invoice	01/04/2016	25199	Cardenas, Natalie	Returned Check	-790.92	17,949.35
Invoice	01/04/2016	25199	Cardenas, Natalie	Returned Check	-82.88	17,866.47
Invoice	01/04/2016	25199	Cardenas, Natalie	Bank Fee for Non-Sufficient...	-82.87	17,783.60
Invoice	01/04/2016	25199	Cardenas, Natalie	Bank Fee for Non-Sufficient...	-5.00	17,778.60
Check	01/07/2016	eft	Malwarebytes		-5.00	17,773.60
					-24.95	17,748.65
Total El Dorado Checking					3,161.17	17,748.65

River Pines Public Utility District Operations Report

For Month of: December 2015

Water System

<u>Water Production</u>	<u>SOURCE</u>	<u>Gallons</u>
	Well 2	319,700
	Well 3R	287,900
	Well 6R	71,728
Total Produced		679,328
Total Metered/Sold		471,461
Net Loss		30.5

- Did Monthly report for California Dept. of health.
- Monthly meter reads
- Well 6R is running one time a week to keep water fresh in CT tank. Had broken union at blending tank, replaced with new parts and put back into service. Cleaned and disinfected all filters after weekly run. This will insure that a buildup of bacteria in the filters would be kept to a minimum when the plant is off line for the week.
- Took water sample around town to insure proper CL2 residuals.
- Took a few days to go around with the survey crew to locate meter and valves that they had missed
- Built a new tank lid for water storage tank on circle ave. previous lid was old and falling apart.
- Replaced old valve at customers meter with new lockable valve.
- Ordered four barrels of CL2, only three barrels came. By next week the additional barrel will be delivered.

Major or Significant Activities

Wastewater System

Wastewater Flows

(Gal.)

Influent Treated	706,800
Effluent Discharged	450,000

Major or Significant Activities

Generators where inspected and exercised. All grease and garbage has manually skimmed and removed from lift stations. I will be meeting with contractor and sales person to make sure that all parts that are needed for installation of new lift station lid has been delivered and to go over the logistics of installing the new plate.

Fire crew has started on the clearing of brush along river and along easement of sewer lines to expose man holes to allow equipment to be brought in to inspect sewer main.

On my inspection of the spray fields I came across a broken air relief valve. I have replaced with new valve, and everything is working properly.

I have asked Brent to come up with cost for a new programmable logic controller for the irrigation of the spray fields. With this new system in place I would be able to control the on- off & section control remotely. This will aid in the servicing and maintenance of the spray heads in the waste fields since with

this remote ability I would be able turn on and off the section that I am working on with out having to walk all the way back to the pump house and turning each section manually.

**River Pines Public Utility District
Alarm Monitoring Summary – December 2015**

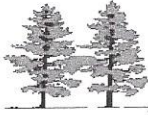
<u>Station Alarm</u>	<u>Date & Time</u>	<u>Reason</u>
Well 6R	12/23/2015 09:58 AM	Low Contact Tank
Well 6R	12/29/2015 10:56 AM	Low Contact Tank - Note 1

* Multiple alarms

<u>Communication > 30 min.</u>	<u>Date & Time</u>	<u>Reason</u>
None		

NOTES:

1. When the Contact Tank is filled too high, the sensor detects a fault and reads low level. Greg set the upper fill point to a more reliable level on 11/19. We may need to look into the possibility that the sensor is failing.



RIVER PINES PUBLIC UTILITY DISTRICT



22900 Canyon Ave., PO BOX 70, River Pines, CA 95675
Phone: (209) 245-6723 Fax: (209) 245-5710 Email: RPPUD@RPPUD.COM

River Pines Public Utility District

January 13, 2016 Meeting

Agenda Item 9b

GENERAL MANAGER'S REPORT

For the Month of: December 2015/January 2016

1. Pre-Impasse Mediation meeting for Greg Guina's contract negotiations has been rescheduled for January 20th at 10:00 a.m.
2. Small Water Supplier Conservation Report for 2015 was submitted to the state on December 14th. See Attached Report
3. Spoke with Dave Remick. He will be providing the District with a new water permit which will be accompanied with a certificate. He also advised me that before the permit is completed he will be doing a site inspection.
4. Completed monthly billing, late notices and 48 hour notices
5. Received \$3,202.45 from the Tax Roll for delinquent accounts.
6. Received notice from the Amador County Treasurer – Tax Collector that on March 16, 2016 seven (7) properties will be going to auction for non-payment of their property taxes. I have verified that those properties eligible have had liens placed on them.
7. There were six (6) customers who had their water locked off following a 48-hour notice.
8. Received estimate for Environmental Study from KASL Engineering, which allowed me to submit the General Application through FASST. See Attached
9. Greg Guina and the Sales Rep. for the sewer baseplate met and reviewed the order. Invoice has been received. See Attached
10. I have instructed Greg to phone Mervin at Amador Mechanical to schedule the sewer jetting.
11. CYA has cleared the brush along Pigeon Trail and Slate Creek culvert. Greg Guina can now finish the sewer inspections.
12. Received the insurance renewal packet for Greg Guina. Gave him copies to look over and choose a plan. A plan needs to be chosen by January 31st.
13. Residents Rocky and Nell Raymond donated to the Town Hall a refrigerator and stove. They also donated a Christmas Tree.



River Pines PUD <rppud@rppud.org>

Small Water Supplier Conservation Report - RIVER PINES PUD (CA0310006)

1 message

DRINC Portal Administrator <drinc@waterboards.ca.gov>
Reply-To: DRINC Portal Administrator <drinc@waterboards.ca.gov>
To: rppud@rppud.org

Mon, Dec 14, 2015 at 10:07 AM

Hello Candi Bingham,

Many thanks for submitting your Small Water Supplier Conservation Report. We'll be using this report to determine by how much we came close to or surpassed our statewide conservation goal of 25%.

Here's what you reported:

Water Supplier

Public Water System ID CA0310006
Water System Name RIVER PINES PUD
Reporter's Name Candi Bingham
Reporter's Title General Manager
Telephone (209) 245-6723
Email rppud@rppud.org

Production (in G)	2013	2015
June Production	1684300	834500
July	1883290	824900
August	1544770	1038100
September	1110230	962800
October	944510	828144
November	960916	802596

Watering Days & Reliability 8,128,016

difference
2,836,976

5,291,040

35% reduction

Number of Watering Days 2
Service Area Size 234 Acres

Reliability Moderately confident will be able to supply water

Comments River Pines Public Utility District averages monthly 27% water loss. This calculation is computed using total water produced with the total water sold.



General Manager #17
River Pines PUD <rppud@rppud.org>

River Pines Public Utility District; Budget for Environmental Documents

1 message

Jack Scroggs <jscroggs@kasl.com>

Wed, Dec 9, 2015 at 5:42 PM

To: Robert Klousner <bklousner@e-planningpartners.com>

Cc: River Pines PUD <rppud@rppud.org>, Terry Cox <cox_consulting@sbcglobal.net>

Bob,

We are currently working with the River Pines PUD and Amador County in preparing an Engineering Report for improvements to the District's water system. River Pines is a small community (220 services) located along Shenandoah Valley Road about 10 miles north of Plymouth. Our project report is being funded by a CDBG grant. The District is now applying for additional Financial Assistance from the Drinking Water State Revolving Fund program. River Pines is a very poor community so it is highly likely that they will be awarded grant funds from DWSRF. See attached blank application for Financial Assistance received from the RPPUD District Manager (Candi Bingham) . Our current scope includes all or parts of Tasks 1,2 & 5 listed on the attached blank DWSRF Financial Application Form. Task 3 does not apply to RPPUD and I told the District Manager that we would not be able to assist with Task 4 (Rate Study). We are hoping that you could provide a budget number for Task 8; CEQA/ NEPA. We will develop budget numbers for Task 10.

The scope of the water system improvements is proposed to include:

- .Significant modifications(replacement) to the existing distribution system to meet safety and public health requirements (see attached alternatives, to date)
- . A replacement water storage tank with capacity of about 300,000 gallons
- . Repair of an existing 75,000 gallon tank
- . A new water supply well with a yield of 35 to 100 gpm, if possible

All of the above improvements would be located on District owned property or within existing County R/W except for the new well. The best (targeted) location for a new well is about ¼ to ½ mile east of the District boundaries along the south side of the South Fork Cosumnes River.

I hope that this gives you enough to go on. I have also attached our scope of work for the current Project Report. A budget number to the nearest \$ 25,000 I believe would be sufficient for the Manager (\$150,000, \$175,000, \$200,000?). I assume that we would need biological, Special Status Species, historical, archeological support studies for CEQA/NEPA compliance.

Thanks . I will follow up with you in the next two days for questions.

Jack

3 attachments

 **Proposed Water System Alternatives.pdf**
235K

 **Financila Assistance Application.pdf**
178K

 **0400 WORK PLAN.doc**
192K



River Pines PUD <rppud@rppud.org>

FW: River Pines/Angels Camp

2 messages

Jack Scroggs <jscroggs@kasl.com>
To: River Pines PUD <rppud@rppud.org>
Cc: Terry Cox <cox_consulting@sbcglobal.net>

Thu, Dec 24, 2015 at 10:24 AM

Candi,

See the following email string regarding budget costs for preparation of environmental documents for the RPPUD Water System Improvements. Based on Bob Klousner's estimates I would suggest that you budget \$ 135,00 for the environmental document preparation with any additional costs that the District would need for processing through State Clearinghouse. Would RPPUD serve as the Lead Agency or would Amador County?

I hope that this is responsive to your request; sorry it took so long..

Jack Scroggs

-----Original Message-----

From: Robert Klousner [mailto:bklausner@e-planningpartners.com]
Sent: Wednesday, December 23, 2015 11:52 AM
To: Jack Scroggs <jscroggs@kasl.com>
Subject: River Pines/Angels Camp

Jack,

Looking back on our Plymouth WWTP experience, to prepare a CEQA+ document and provide consultation assistance and environmental document administration for the District/Amador County and the SWRCB/USEPA, our costs are estimated to be \$85,000. If the well site along the river requires a wetland delineation and permitting, initial costs for the

CEQA+ document and permitting would be \$115,000. The \$85,000 is based on good estimates for both biology and cultural resources using the assumptions you and I discussed. Let me know if you need this put into a formal scope of work or some other form.

One thing you and I didn't talk about in describing the project is what effect it might have on the District's capacity to serve new users. My assumption is that this is really more of a system reliability and fire flow exercise, and that substantial new capacity would not be added. If this is not the case, we may have to add a little money to talk about the effects of induced growth, both within the CEQA+ document and in consultation with USFWS.

Regarding Angels Camp, I'm looking over the RFP and the materials I downloaded from the City. Other than a cost estimate and scope of work, do you need anything else from us? Unfortunately, I'll have to develop the price next week. I'll work on the scope and try to get something to you tomorrow afternoon.

Have a merry Christmas and a good week off.

Bob

River Pines PUD <rppud@rppud.org>
To: Jack Scroggs <jscroggs@kasl.com>

Tue, Dec 29, 2015 at 8:49 AM

Jack,

Thank you! Yes, this would be directly through River Pines. Amador County has nothing to do with this one.

Again, thank you for your help in acquiring this estimate.

Thank you,

Candi Bingham
General Manager
River Pines Public Utility District
PO Box 70
River Pines, CA 95675
Tel: 209-245-6723 Fax: 209-245-5710
www.rppud@rppud.org

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[Quoted text hidden]

PACIFIC
Water Resources

1499 Bayshore Boulevard, Suite 201
Burlingame, California 94010-1741
(650) 259-0320 Fax (650) 259-0322
www.pacificwaterresources.com

Invoice

Date	Invoice #
1/2/2016	15230

Bill To
River Pines Public Utility District P.O. Box 70 River Pines, CA 95675 Attention: Accounts Payable

Ship To
Amador Mechanical, Inc. 15500 Willow Creek Road Plymouth, CA 95669 Attention: Melvin Vicini Phone: 1-209-245-3850

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
see below	Net 30	AB	1/2/2016	Factory Freight	FOB Factory	
Quantity	Item Code	Description			Price Each	Amount
		P.O. # verbal per Ms. Candi Bingham, General Manager				
1	Model S Conversion	Smith & Loveless Model S Conversions new base, with 4" piping, 4" check valves, 4" gate valves, volutes, control panel stand, float/transducer, no hood or blower, with Sonic Start package, vacuum pumps, painted.			22,808.00	22,808.00T
1	Duralast Bedplate	316 Stainless Steel, Duralast Bedplate			5,861.00	5,861.00T
1	Freight	Factory Freight			1,414.00	1,414.00
		Pacific Water Resources' W-9 included Sales Tax			8.00%	2,293.52
Thank you for your business.					Total	\$32,376.52

December 16, 2015



Ms. Candi Bingham
rppud@rppud.com
Mr. Greg Guina
gregguina@att.net
River Pines Public Utility District

7777 Greenback Lane
Suite 104
Citrus Heights, CA
95610

Tel. 916 / 722-1800
Fax 916 / 722-4595

Principal:
John C. Scroggs

Subject: RPPUD Water Rehabilitation Study

Candi and Greg:

I met today with Dale Bugenig, our project hydrogeologist, regarding well supply data and trends at RPPUD. Dale has received good support from Bret, your District Engineer, with pumping rates and demands through November 14. It would be really helpful if Bret could provide Dale with Well 2 and 3R pumping rates and water level data through mid-December and then beyond through the beginning of March. It appears that Well 2 and Well 3R are showing good signs of recharge after the peak summer demands have passed. With the rainfall that RPPUD has received so far this fall it will be good to see continued recovery trends with December, January and February data.

To support the well delivery data provided for Well 2 and Well 3R, does the District have monthly meter totals that you could share with us? We understand that there are leaks and losses in the system and that monthly metered totals should be considerably less than the well delivery totals that we have received for Well 2 and Well 3R.

While we have requested information from Bret regarding Well 6R we have not received any flow data for this Well. If Bret does not have this information we request that Greg provide us copies of the circular charts available from the Well 6R pump flow recorder.

Dale is continuing to investigate causes of contamination at Well 6R. Geologic evidence and soils borings suggest that the shallow soil mantle in this area is underlain by fractured material. These fractures are likely allowing surface contamination to migrate through "conduits" and intercept Well 6R below the 137 foot deep well seal level. Well 6R was completed to a depth of 207 feet. We will include in the Source of Supply Evaluation procedures to isolate water bearing zones intercepted by Well 6R and then describe methods for testing coliform bacteria levels within each zone. Depending on these results, contaminant bearing zones could be sealed off from entering Well 6R. The cost to conduct these

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investigations, provide zone sealing, add a small diameter pressure transducer and SCADA connectivity to the rest of the RPPUD system will be included in the Source of Supply Evaluation. Rehabilitation of Well 6R, if feasible, would be considerably less costly than developing a new well.



We do continue to look at potential sites for a new well as part of our Source of Supply Evaluation. In addition to evaluating the reliability of a new well east of Shenandoah Road, south of the South Fork of the Cosumnes, it may be worthwhile to evaluate existing vacant lots within or adjacent to the RPPUD boundaries as possible well sites. Are there any parcels within or adjacent to the RPPUD service area that you have considered (or would consider) for a well site? A community potable water well must meet California Drinking Water and Department of Water Resource Standards for setbacks to potential sources of contamination. These standards are attached.

Thank you for your assistance. We expect to submit a draft Technical Memorandum of Dale's Source of Supply Evaluation within the next two weeks.

Very Truly Yours,

KASL Consulting Engineers

A handwritten signature in black ink, appearing to read "John C. Scroggs".

John C. Scroggs.

Part II. Well Construction

Section 8. Well Location With Respect to Pollutants and Contaminants, and Structures.

Note: The title of Section 8 has been revised.

Section 8 (page 26 of Bulletin 74-81) has been revised to read as follows:

"A. Separation. All water wells shall be located an adequate horizontal distance from known or potential sources of pollution and contamination. Such sources include, but are not limited to:

- sanitary, industrial, and storm sewers;
- septic tanks and leachfields;
- sewage and industrial waste ponds;
- barnyard and stable areas;
- feedlots;
- solid waste disposal sites;
- above and below ground tanks and pipelines for storage and conveyance of petroleum products or other chemicals; and,
- storage and preparation areas for pesticides, fertilizers, and other chemicals.

Consideration should also be given to adequate separation from sites or areas with known or suspected soil or water pollution or contamination.

The following horizontal separation distances are generally considered adequate where a significant layer of unsaturated, unconsolidated sediment less permeable than sand is encountered between ground surface and ground water. These distances are based on present knowledge and past experience. Local conditions may require greater separation distances to ensure ground water quality protection.

Potential Pollution or Contamination Source	Minimum Horizontal Separation Distance Between Well and Known or Potential Source
Any sewer line (sanitary, industrial, or storm; main or lateral)	50 feet
Watertight septic tank or subsurface sewage leaching field	100 feet
Cesspool or seepage pit	150 feet
Animal or fowl enclosure	100 feet

If the well is a radial collector well, minimum separation distances shall apply to the furthest extended point of the well.

Many variables are involved in determining the "safe" separation distance between a well and a potential source of pollution or contamination. No set separation distance is adequate and reasonable for all conditions. Determination of the safe separation distance for individual wells requires detailed evaluation of existing and future site conditions.

Where, in the opinion of the enforcing agency adverse conditions exist, the above separation distances shall be increased, or special means of protection, particularly in the construction of the well, shall be provided, such as increasing the length of the annular seal.

Lesser distances than those listed above may be acceptable where physical conditions preclude compliance with the specified minimum separation distances and where special means of protection are provided. Lesser separation distances must be approved by the enforcing agency on a case-by-case basis.

- B. Gradients. Where possible, a well shall be located up the ground water gradient from potential sources of pollution or contamination. Locating wells up gradient from pollutant and contaminant sources can provide an extra measure of protection for a well. However, consideration should be given that the gradient near a well can be reversed by pumping, as shown in Figure 3 (page 28 of Bulletin 74-81), or by other influences.
- C. Flooding and Drainage. If possible, a well should be located outside areas of flooding. The top of the well casing shall terminate above grade and above known levels of flooding caused by drainage or runoff from surrounding land. For community water supply wells, this level is defined as the:

"...floodplain of a 100 year flood..." or above "...any recorded high tide...",
(Section 64417, *Siting Requirements*, Title 22 of the California Code of Regulations.)

If compliance with the casing height requirement for community water supply wells and other water wells is not practical, the enforcing agency shall require alternate means of protection.

Surface drainage from areas near the well shall be directed away from the well. If necessary, the area around the well shall be built up so that drainage moves away from the well.

- D. Accessibility. All wells shall be located an adequate distance from buildings and other structures to allow access for well modification, maintenance, repair, and destruction, unless otherwise approved by the enforcing agency."

Section 9. Sealing the Upper Annular Space.

Note: Sealing requirements are also described in Appendix B, page 67 of Bulletin 74-81.

Section 9 (page 29 of Bulletin 74-81) has been revised to read as follows:

"The space between the well casing and the wall of the drilled hole, often referred to as the annular space, shall be effectively sealed to prevent it from being a preferential pathway for movement of poor-quality water, pollutants, or contaminants. In some cases, secondary purposes of an annular seal are to protect casing against corrosion or degradation, ensure the structural integrity of the casing, and stabilize the borehole wall.

December 15, 2015

Best Testing Lab
joshua@besttestlab.com

Subject: River Pines Public Utility District (RPPUD) Water Rehabilitation Study; Request for Potholing Service Fee Proposal

Joshua:



7777 Greenback Lane
Suite 104
Citrus Heights, CA
95610

Tel. 916/ 722-1800
Fax 916/ 722-4595

Principal:

John C. Scroggs

We understand that your firm provides utility locating services in Amador County. Attached please find proposed water system layout for the River Pines Public Utility District. River Pines is a small Amador County community located near the Amador / El Dorado County line approximately 10 miles northeast of the City of Plymouth. The scope of the proposed water project includes replacement of existing small diameter water mains (3/4 inch to 4 inch diameter) with minimum 6 inch diameter mains. In some locations the District's records are not clear regarding the limits of the 6 inch diameter pipelines which were placed in the 1980's. These mains are to be retained with replacement of the smaller lines. The 6 inch pipelines are PVC C900 and were placed without tracer wires.

A schematic plan of the proposed RPPUD water system improvements and the proposed water line pothole locations is attached. Potholing shall be conducted by vacuum excavation. In addition to the existing water system facilities there are underground sewer improvements and a limited number of storm drainage culverts in the vicinity of the pothole investigations.

There are 7 pothole locations proposed. If your pothole locating proposal exceeds our budget we will reduce the number of potholes proposed. Typically, water lines are located within existing streets. The scope of your services shall include pavement repair. Excavated material may be disposed at the City owned WWTP site (end of Emigrant Trail at the northwest District limits).

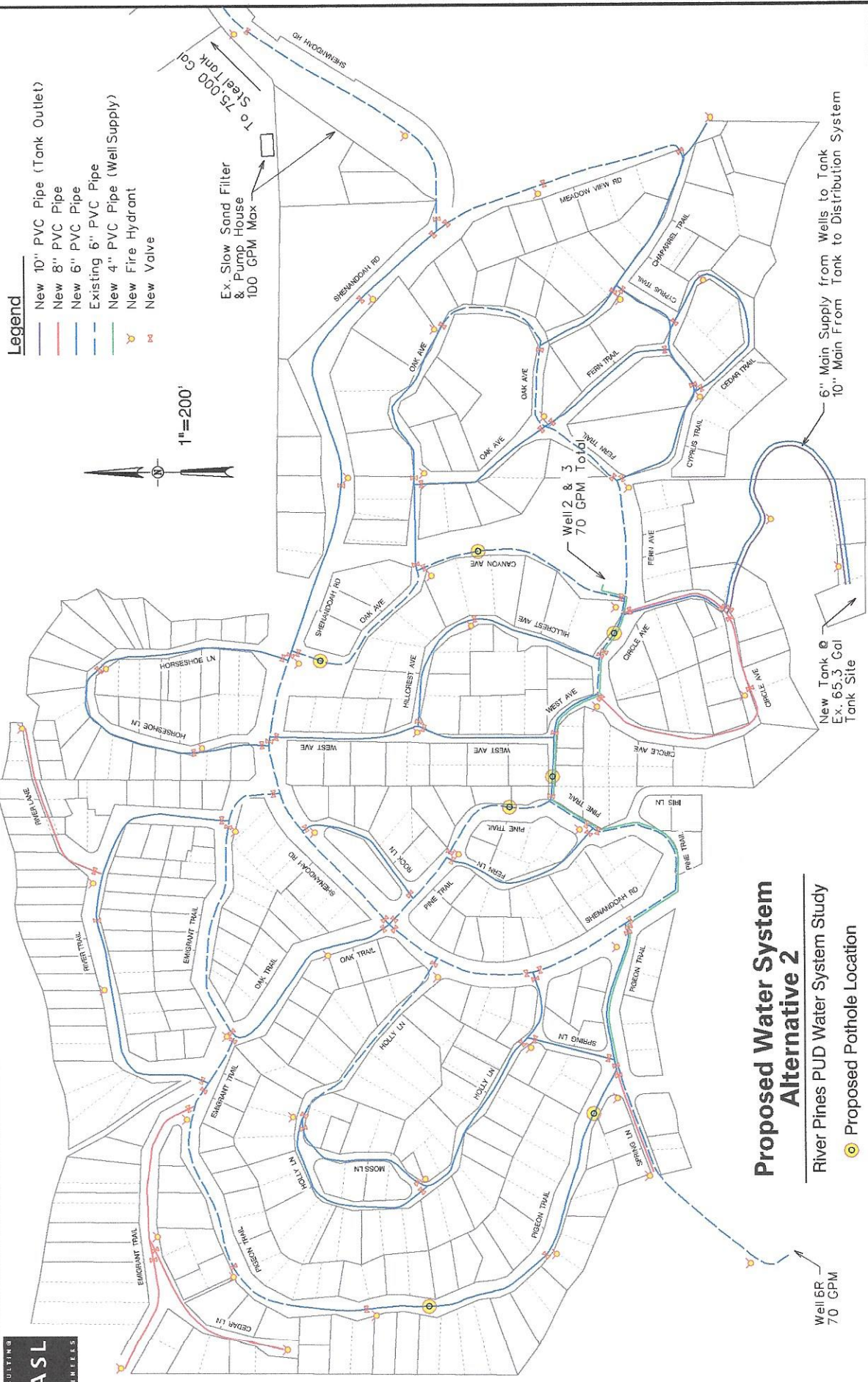
Please contact us with any questions. We request receipt of your written proposal no later than January 15, 2016.

Very Truly Yours,


KASL Consulting Engineers
John C. Scroggs
jscroggs@KASL.com
(916) 722-1800

cc: RPPUD@RPPUD.org

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River Pines PUD <rppud@rppud.org>

RPPUD Water Rehabilitation Alternatives

1 message

Jack Scroggs <jscroggs@kasl.com>

Tue, Dec 15, 2015 at 9:01 AM

To: River Pines PUD <rppud@rppud.org>, "gregguina@att.net" <gregguina@att.net>

Candi & Greg,

Attached are updated exhibits and cost estimates prepared for River Pines. We have added the separate supply line from the Surface Water Treatment Plant. We have added the distribution line at the end of Spring Lane. Pressure reduction can be provided with a PRV at Pine Street and at Shenandoah Road at the locations shown. We will confirm these locations with the Network Model. Note that we have shown proposed pothole locations on the Alternative 2 exhibit. We are sending out requests for pothole bids to three pothole services today.

Tomorrow (Wednesday) we will be meeting with Dale Bugenig (our Hydrogeologist) to review his Water Supply Evaluation Report. I suspect that after this meeting we will propose a third alternative that includes rehabilitation of Well 6R and defers construction of a new well to a later date and a future grant funded project. I anticipate that this third alternative will more closely match the projected \$6M budget.

Our Surveyors should be onsite today to identify rear yard and side yard meter locations that need to be relocated to the street.

If you have questions or comments regarding this transmittal , please contact me. The next series of system alternative exhibits will include the Jaybird Lane service area and Tank.

Jack Scroggs



4 attachments

 **_PROPOSED WATER - ALT 1_ 2015-12-14.pdf**
125K

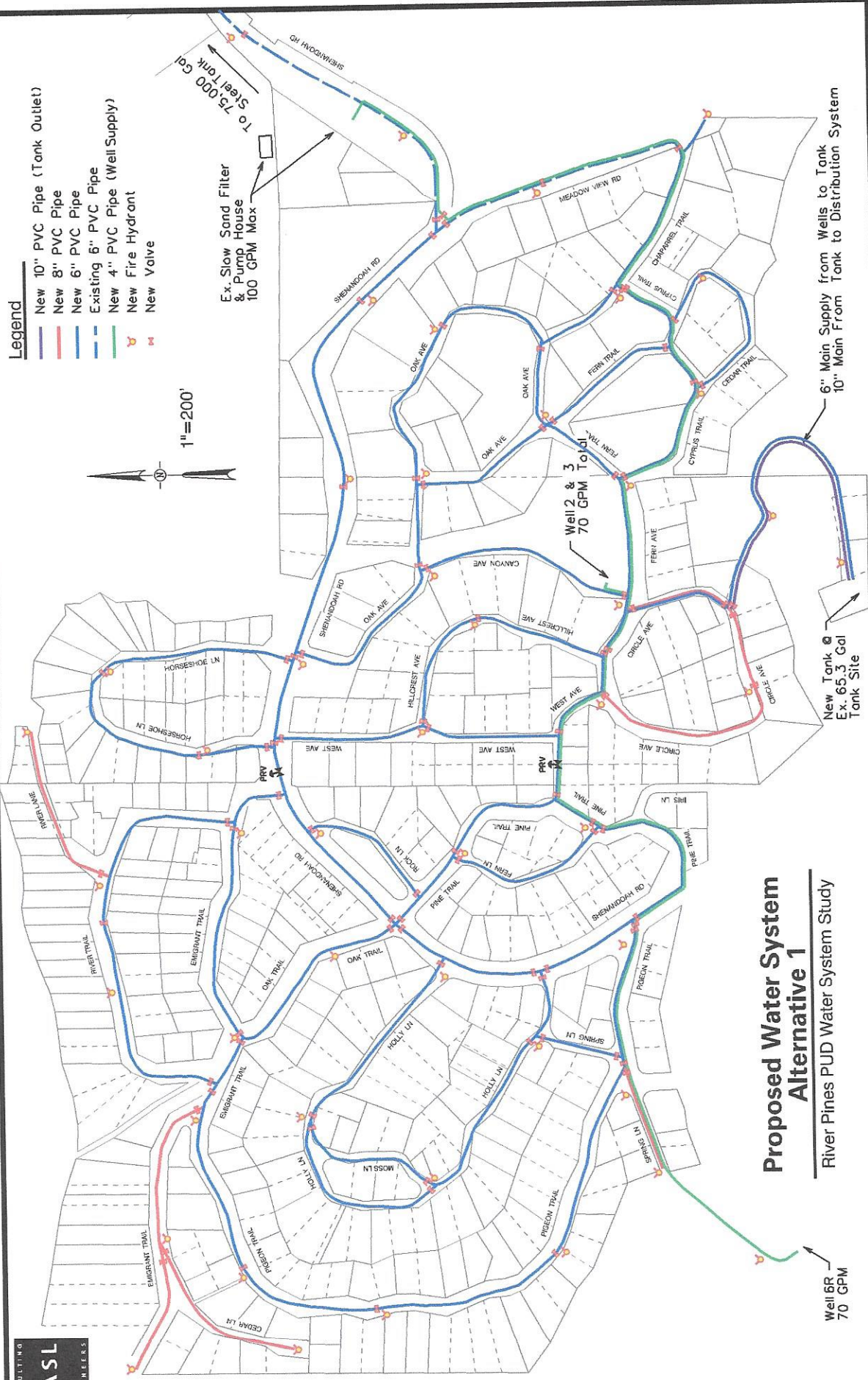
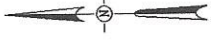
 **_PROPOSED WATER - ALT 2_ 2015-12-14.pdf**
131K

 **Rough Cost Estimate-Alt 1.xls**
110K

 **Rough Cost Estimate-Alt 2.xls**
106K

- Legend**
- New 10" PVC Pipe (Tank Outlet)
 - New 8" PVC Pipe
 - New 6" PVC Pipe
 - Existing 6" PVC Pipe
 - New 4" PVC Pipe (Well Supply)
 -  New Fire Hydrant
 -  New Valve

1"=200'



Ex. Slow Sand Filter & Pump House 100 GPM Max

Well 2 & 3 70 GPM Total

Well 6R 70 GPM

New Tank @ Ex. 65.3 Gal Tank Site








6" Main Supply from Wells to Tank

10" Main From Tank to Distribution System

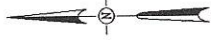
Proposed Water System Alternative 1

River Pines PUD Water System Study

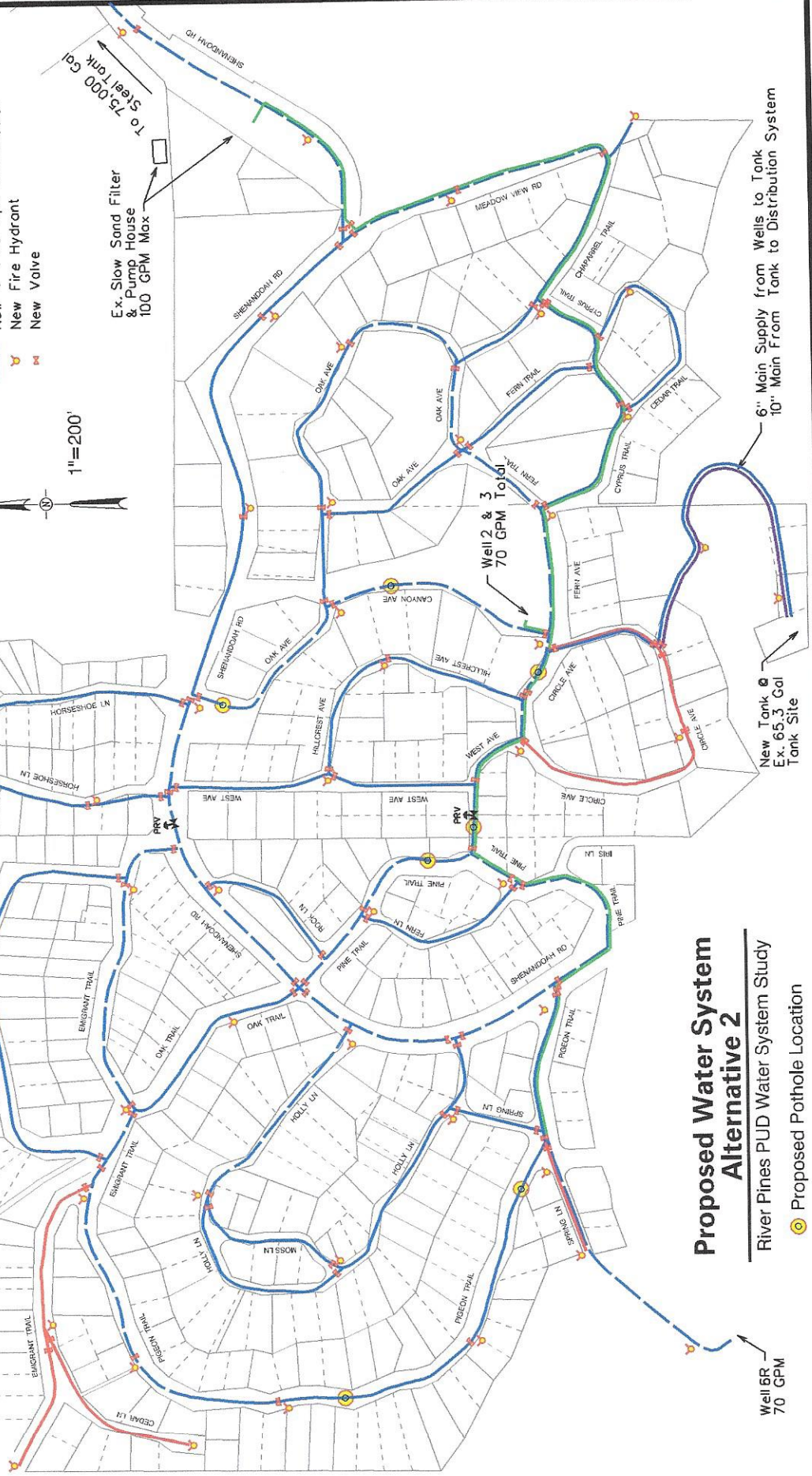
Legend

-  New 10" PVC Pipe (Tank Outlet)
-  New 8" PVC Pipe
-  New 6" PVC Pipe
-  Existing 6" PVC Pipe
-  New 4" PVC Pipe (Well Supply)
-  New Fire Hydrant
-  New Valve

1" = 200'



Ex. Slow Sand Filter
& Pump House
100 GPM Max



**Proposed Water System
Alternative 2**

River Pines PUD Water System Study

 Proposed Pothole Location

Well 6R
70 GPM

Well 2 & 3
Total
70 GPM

New Tank
Ex. 65.3 Gal
Tank Site

6" Main Supply from Wells to Tank
10" Main From Tank to Distribution System

**PRELIMINARY COST ESTIMATE
RPPUD Network Improvements**

ALTERNATIVE 1 - Replace All Existing Pipelines (Except Shenandoah Road and Jaybird Lane)

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
1	4" Water Main	4750	LF	\$ 80	\$ 380,000
2	10" Water Main	825	LF	\$ 135	\$ 111,375
3	6" Water Main	19,325	LF	\$ 100	\$ 1,932,500
4	8" Water Main	2425	LF	\$ 120	\$ 291,000
5	Fire Hydrant Assembly (includes Street Valve)	53	EA	\$ 4,500	\$ 238,500
6	Water Valve and Valve Box	99	EA	\$ 1,500	\$ 148,500
7	Repair Jaybird Tank	1	LS	\$ 125,000	\$ 125,000
8	Construct New ± 300,000 Gallon Capacity Tank ⁽¹⁾	1	LS	\$ 800,000	\$ 800,000
9	Construct New Well and Well Supply Line ⁽²⁾	1	LS	\$ 1,250,000	\$ 1,250,000
10	Reconnect Existing Water Meter Services	185 (est)	EA	\$ 1,500	\$ 277,500
11	Relocate & Reconnect Existing Water Meter Services	35 (est)	EA	\$ 2,500	\$ 87,500
12	Misc. Appurtenances; , BO's, etc.	1	LS	\$ 25,000	\$ 25,000
13	Pressure Reducing Valve Stations	2	EA	\$ 15,000	\$ 30,000
ESTIMATED TOTAL					\$ 5,696,875
35% CONTINGENCIES⁽³⁾					\$ 1,993,905
TOTAL WITH CONTINGENCIES					\$ 7,690,780

(1) Includes Site Grading & Pavement, Access Road and Fencing Improvements.

(2) Includes Well Drilling, Development, Equipment, Well Pump Station Structure, Site Improvements, Fencing, Access Road and Supply Pipe to RPPUD Storage Tank; Assumes 400 to 600 Foot Deep Well.

(3) 8% Engineering, 4% Environmental Documents, 4% Construction Management, 5% RPPUD Administrative Costs
15% Construction Contingencies.

**PRELIMINARY COST ESTIMATE
RPPUD Network Improvements**

ALTERNATIVE 2 - Replace All Existing Pipelines Smaller than 6" Diameter

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
1	4" Water Main	4100	LF	\$ 80	\$ 328,000
2	10" Water Main	825	LF	\$ 135	\$ 111,375
3	6" Water Main	12,975	LF	\$ 100	\$ 1,297,500
4	8" Water Main	2425	LF	\$ 120	\$ 291,000
5	Fire Hydrant Assembly (includes Street Valve)	53	EA	\$ 4,500	\$ 238,500
6	Water Valve and Valve Box	99	EA	\$ 1,500	\$ 148,500
7	Repair Jaybird Tank	1	LS	\$ 125,000	\$ 125,000
8	Construct New ± 300,000 Gallon Capacity Tank ⁽¹⁾	1	LS	\$ 800,000	\$ 800,000
9	Construct New Well and Well Supply Line ⁽²⁾	1	LS	\$ 1,250,000	\$ 1,250,000
10	Reconnect Existing Water Meter Services	185 (est)	EA	\$ 1,500	\$ 277,500
11	Relocate & Reconnect Existing Water Meter Services	35 (est)	EA	\$ 2,500	\$ 87,500
12	Misc. Appurtenances; ARV's, BO's, etc.	1	LS	\$ 25,000	\$ 25,000
13	Pressure Reducing Valve Stations	2	EA	\$ 15,000	\$ 30,000
ESTIMATED TOTAL					\$ 5,009,875
35% CONTINGENCIES⁽³⁾					\$ 1,753,455
TOTAL WITH CONTINGENCIES					\$ 6,763,330

(1) Includes Site Grading & Pavement, Access Road and Fencing Improvements.

(2) Includes Well Drilling, Development, Equipment, Well Pump Station Structure, Site Improvements, Fencing, Access Road and Supply Pipe to RPPUD Storage Tank; Assumes 400 to 600 Foot Deep Well.

(3) 8% Engineering, 4% Environmental Documents, 4% Construction Management, 4% RPPUD Administrative Cost; 15% Construction Contingencies.

This project proposes fuel reduction locations that will protect infrastructure associated with the River Pines Public Utility district. This includes water tanks, settling ponds, and evaporative sprinkler areas. These fuel reduction areas will reduce fire intensity immediately adjacent to these features and allow for fire crew to be stationed immediately adjacent to these features and if needed shelter in place during the course of the fire. Ingress egress roads have also been identified to these structures for road side chipping to allow for the safe ingress egress of fire personnel and community members evacuating.

e) Community Support

Is there a history of community and/or political support for wildland fire risk reduction projects? If so, please describe. If not, describe how support will be developed. If appropriate, include community support in the discussion of goals, objectives, and milestones.

The community recently had the 2014 Sand Fire burn north of the community of River Pines which highlighted the need for fuels reduction projects in the area. Based on review of aerial photos, fuels reduction work has been conducted on numerous larger ownerships in the area. Defensible space fuels reduction has been conducted by numerous owners in the area which was evidenced on recent review of the project area.

f) CEQA Compliance

Projects that include on-the-ground work may require CEQA documentation. Prior to commencing work, CAL FIRE requires a review and acceptance of existing CEQA documentation. Describe the existing CEQA document for this project including the name of the Registered Professional Forester that prepared the CEQA document. If such documentation needs to be developed, then describe the method for obtaining compliance including who (if known) will be doing the CEQA report. Include CEQA in the description of goals, objectives, and milestones. This should also be reflected in the project budget.

CEQA documentation will be generated by the Registered Professional Forester

2) Project Goals, Objectives, and Milestones

a) Project Goal

What are the goals of the project? Try to state the goals in a simple concise sentence. The goals should relate to the reduction of wildland fire risk to dwellings and/or improvement in fire safety to community assets. Example: This project will improve the Tabletop Road for use as a primary escape route for the Sunset community.

This project will generate an education program for the community on the need to perform fire safe activities outside of this grant, establish curb side chipping program within the subdivision of River Pines, generate CEQA compliance document for mastication projects, masticate areas surrounding PUD infrastructure and extend these treatment areas to anchor points that fire personnel may fight fire adjacent to Highway 16, perform road side brushing to allow for safe ingress egress of fire personnel and community members when evacuated, and establish secondary containment lines in event primary lines fail. These practices will assist fire crews from allowing a fire to enter the western edge of River Pines subdivision. Remove dead trees within the community of River Pines. This project ties into and expands projects that the Amador Fire Safe Council has performed. These practices will also help protect the community of River Pines that has been identified within the CAL-FIRE unit plan as a community at risk.

b) Project Objectives

Describe the objectives of the project. Example: if the goal is to educate property owners on techniques for reducing the ignition risk to their dwellings, then an objective may be to hold some number of 4 hour workshops.

The objectives for this project are to protect PUD infrastructure, establish fuel breaks to allow for fire suppression activities west of River Pines Subdivision, road side chipping for safe ingress and egress of firefighting personnel and community members through the course of evacuation, educate community member on the need for fire safe fuels reduction around residence through power point presentation at 2 community meetings, and from community meeting have residence

Ling, Jane@Waterboards

From: Ling, Jane@Waterboards
Sent: Thursday, November 13, 2014 5:22 PM
To: 'jaybingham@live.com'
Cc: Brown, Greg@Waterboards
Subject: Comments for A005646A River Pines IS/MND

Jay,

Please see below my comments on the Initial Study (IS)/ Mitigated Negative Declaration (MND) prepared for A005646A. Don't get intimidated by the length of the comments. The petition is kind of confusing so I just tried to list out as many questions as I have. Greg is still very busy with some high priority projects and hasn't got a chance to comment on it. We will let you know of any additional comments we may have later.

1. CEQA baseline and project description:

- 1) The baseline date should be specified as 2/9/2012, the date the petition was submitted.
- 2) In general, the baseline analysis should explain the project elements that are existing and describe when they were established relative to the baseline date.
- 3) The IS indicates in Page 2 under "project Background" that the only proposed change to the existing project is "the design, installation, and calibration of a stream flow bypass metering device...". Is the flow meter the only new/proposed component to the existing project? Or is a whole bypass system the new addition to the project? It is confusing as Page 10 of the IS indicates that new construction will occur as the project will involve limited excavation for conduit trenching.
- 4) Could you provide more details of the project description, including the diversion system and the bypass system? It would be helpful for staff to understand your project better if you could include photos, maps, and design schematics in addition to a detailed description.
- 5) Has the water authorized under Permit 20878 (126.4 acre-feet) been put to full beneficial use ever since the Permit was issued on 11/6/1996? The maximum amount of water diverted prior to expiration of the Permit on 12/31/2005 would be the baseline for the petition. Water diversion records may be needed to support the baseline determination.
- 6) The IS indicates that water diversion last occurred in 1997. However, progress reports on file show that water diversions occurred for years 1996-2000, 2005-2006. Please clarify the historical water diversions under the Permit.
- 7) Regarding the place of use under the Permit, is it all existing before 12/31/2005? Please confirm as this will also affect the baseline condition.

2. CEQA lead agency:

The IS indicates that that the State Water Board is the lead agency under CEQA for this project. However, River Pines PUD should be the lead agency as it is a public agency who is conducting the project. The State Water Board is a responsible agency under CEQA. The correspondence sent by the Division on April 5, 2012 indicates that the State Water Board is the lead agency for CEQA and this appears to be an error. Greg Brown, the Division scientist who's been helping with the CEQA review of the petition, indicated to Ms. Virginia Landreth and then Ms. Pat Johnson of River Pines in various conversations that River Pines is CEQA lead. The CEQA document prepared in early 1990 also indicates River Pines is CEQA lead for the petition.

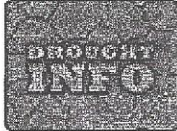
3. IS Determination:

Page 9 of the IS indicates that a mitigated negative declaration will be prepared. However, I don't see any mitigation measures included in the document. Is there any mitigation measures prepared as a part of the IS?

Please feel free to contact me if you have any questions regarding the above comments.

Thanks,
Jane

Jane Ling | Water Resource Control Engineer
State Water Resources Control Board | Division of Water Rights
Phone: (916) 341-5335; Fax: (916) 341-5400



Brent Stewart, P.E.
Consulting Engineer

WASTEWATER TREATMENT PLANT PROPOSAL

January 6, 2016

River Pines Public Utility District
January 13, 2016 Meeting
Agenda Item 10e

Candi Bingham, Manager
River Pines Public Utility District
P.O. Box 70
River Pines, CA 95675

Dear Ms. Bingham,

Thank you for the opportunity to submit this proposal for the **Wastewater Treatment Plant Sprinkler Control Upgrade**. As we discussed in our meeting, the existing controls are piecemealed together, and the individual components are obsolete. In the event of a component failure, the District would likely have to run the plant manually with jumper wires until the controls could be rebuilt.

The pictures on the following page show the current Sprinkler Control Unit (1), Touchscreen (2), and PLC (3). This proposal will consolidate items 1 and 3 into a currently available PLC, which will be similar to the model used at Well 6R. The new touchscreen will also be similar to the Well 6R touchscreen.

The new control panel will be integrated into the District's existing SCADA system so the operator can view and remotely control the pumps and individual sprinklers.

1. This will allow the operator to more quickly fix sprinkler problems in the spray field. Currently, he must make several trips from the spray fields back to the plant to shut the sprinklers down, clean out the sprinkler heads, flush the lines, and replace the sprinkler heads.
2. This will also allow the operator to remotely schedule discharge days based on State regulations. The State prohibits discharge just before, during, and after expected periods of rain. The operator currently watches the hourly weather forecast, and must make multiple trips out to the plant to stop and start the system. If this occurs on weekends, overtime costs can mount quickly. With SCADA integration, he can remotely schedule stops and starts in a few minutes.



Specifications

The Control System will start and stop two (2) pumps and up to eight (8) sprinkler valves. Each output will have a manual and an automatic mode. The unit may be programmed to discharge a set number of gallons (based on the existing flowmeter, which will be integrated into the new system) per spray field. The sprinkler sequence may be set to automatically start at operator-specified times each day.

If the flow rate drops below a preset level, the system will send a text alert to the operator indicating possible plugged filter, sprinklers or pump problems

The following operational parameters will be accessible on the SCADA screen, and on the local touchscreen if included in this project:

1. Overall Manual/Off/Automatic mode switch.
2. Rain Sensor Enabled/Disabled with Dry Delay Hours.
3. Daily Start Time, HH:MM
4. Pumps 1 and 2 Manual/Off/Automatic mode switch.
5. Zones 1-8 Manual/Off/Automatic mode switch.
6. Gallons per zone setting.

The following parameters will be displayed on the SCADA screen, and on the local touchscreen if included in this project:

1. Total gallons sprayed for the current discharge cycle.
2. Total gallons sprayed for the current month.

The following parameters will be included on the monthly SCADA report:

1. Total gallons sprayed for each day.
2. Total gallons sprayed for the current month.

The new control system will be connected to the existing SCADA system via the District's private wireless network. A single Cat-5 cable will be plugged into the existing network switch at the Treatment Plant, and the Office Wireless Router will be programmed to forward port 2101 to the new control system address.





Fig. 1 Existing Items 1 & 2, front

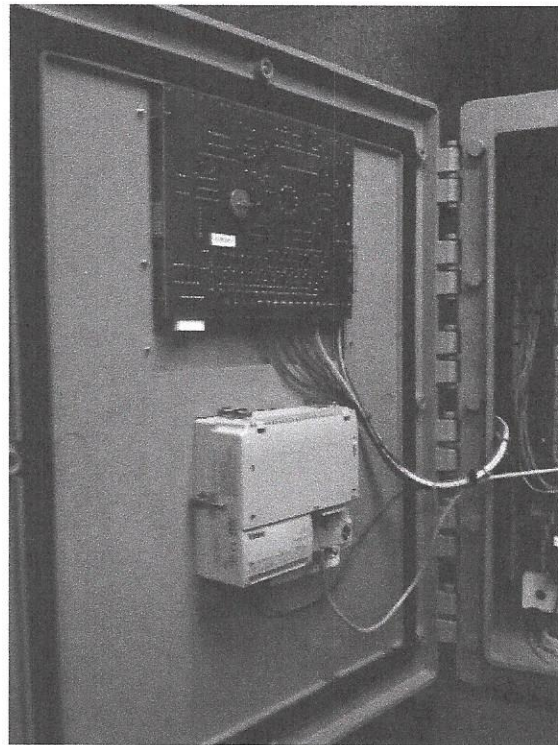


Fig. 2 Existing Items 1 & 2, back

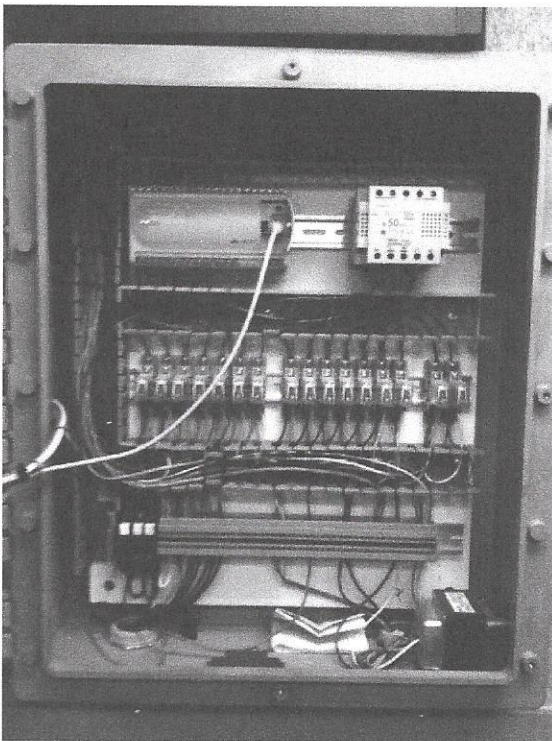


Fig. 3 Existing Item 3, wiring & relays

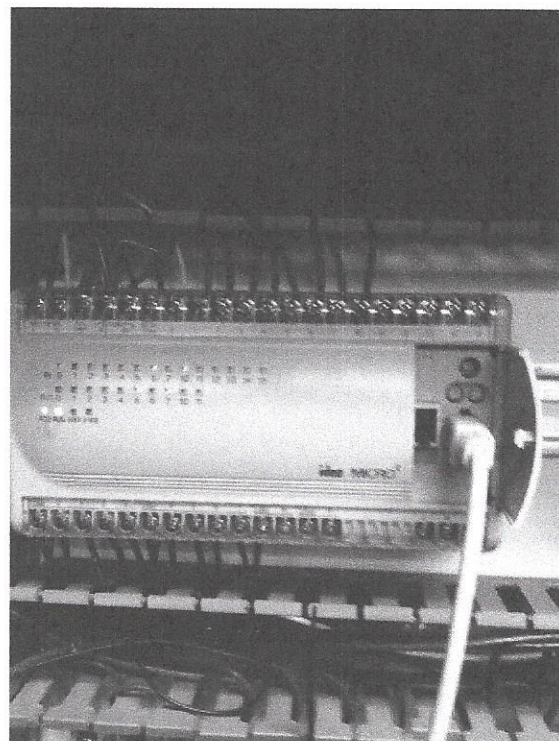


Fig. 4 Existing Item 3 close-up



Price & Delivery

System without touchscreen:

New PLC, network interface & related hardware	\$ 2,400
Control system design and drawings	\$ 1,750
PLC programming	\$ 1,300
PLC installation, wiring and startup	\$ 2,850
SCADA integration- database & screen design	\$ 1,500
TOTAL not including tax on materials	\$ 9,800

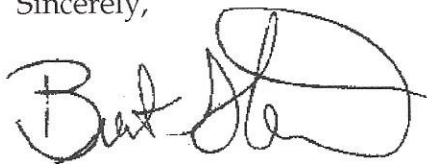
Optional item:

Touchscreen, including programming & installation \$ 4,000

Delivery is 3-4 weeks from receipt of signed acceptance or Board resolution.

The Terms and Conditions listed on the following page are part of this contract.

Sincerely,



Brent Stewart, P.E.
Consulting Engineer (Electrical)

ACCEPTANCE:

_____ Date: _____

Print name/title: _____

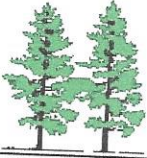


Terms and Conditions

1. **APPLICABILITY.** These terms and conditions shall apply to all contracts resulting from a signed proposal from Brent Stewart, P.E.. If Buyer objects to any of the terms and conditions, these objections must be submitted in writing and subsequently accepted in writing by an authorized representative of Brent Stewart, P.E..
2. **TITLE.** All programs, drawings and designs furnished by Brent Stewart, P.E. remain the property of Brent Stewart, P.E., unless stated otherwise. Buyer shall not disclose any information, programs, or documentation to others without the prior written consent of Brent Stewart, P.E..
3. **TERMS.** Unless stated otherwise, Net 10 days. Delinquent accounts are subject to a finance charge of 1.5% per month.
4. **CHANGES.** Buyer may, at any time, request a change in specifications or scheduling. If these changes result in increased costs, Brent Stewart, P.E. shall submit a proposal identifying price and schedule for the changes. Buyer's acceptance of proposal shall constitute a change in contract.
5. **DELAYS AND CANCELLATION.** If a delay or cancellation is requested by the Buyer, payment shall become due immediately for work already completed.
6. **WARRANTY.** Brent Stewart, P.E. warrants that drawings and designs shall be free from defects in workmanship for a period of one (1) year from shipment (or installation, if performed by Brent Stewart, P.E.). Service calls within the warranty period shall be billed at customary rates if, in the sole opinion of Brent Stewart, P.E., the problem did not originate from defects in design or programming supplied by Brent Stewart, P.E..
7. **LIMITATION OF LIABILITY.** Brent Stewart, P.E.'s maximum liability for any reason shall not exceed the contract price. Brent Stewart, P.E. takes every reasonable precaution to ensure accuracy of its designs. However, Brent Stewart, P.E. shall not be held liable for losses of any kind arising from errors or omissions.

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RIVER PINES PUBLIC UTILITY DISTRICT

RESOLUTION NO. 2016-01

**Accepting the Proposal from the District's Consulting Engineer,
Brent Stewart, P.E. to Upgrade the Sprinkler Control
at the Wastewater Treatment Plant**

WHEREAS, the River Pines Public Utility District's existing Wastewater Treatment Plant Sprinkler Controls are piecemealed together, and individual components are obsolete. In the event of component failure, the District would likely have to run the plant manually with jumper wires.

WHEREAS, the River Pines Public Utility District's Chief Plant Operator and Consulting Engineer propose upgrading the Wastewater Treatment Plant Sprinkler Controls to circumvent component failure.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE RIVER PINES PUBLIC UTILITY DISTRICT, hereby accept the proposal from the District's Consulting Engineer, Brent Stewart, P.E. in the amount of \$ _____ to upgrade the Wastewater Treatment Plant Sprinkler Controls.

The foregoing Resolution was duly passed and adopted by the Board of Directors of the River Pines Public Utility District at a regular meeting held on the 13th day of **January, 2016** by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

Candi Bingham, General Manager

Cathy Landgraf, Chairman