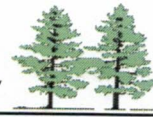


RIVER PINES PUBLIC UTILITY DISTRICT



22900 Canyon Avenue, P.O. Box 70, River Pines, CA. 95675
(209) 245-6723 Tel (209) 245-5710 Fax

www.rppud.org

REGULAR AGENDA

Wednesday, November 14, 2018 - 5:30 P.M.

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PLEDGE OF ALLEGIANCE**
4. **AGENDA:** Approval of agenda for this date; 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 now 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. October 10, 2018 Regular Meeting.
7. **CONSENT ITEMS:**
 - a. Monthly Financial Statements - Period Ending October 31, 2018.
 - b. Expenditure Report - Submitted Check Approval through October 31, 2018.
8. **MONTHLY OPERATIONS REPORT: Discussion.** Any matter requiring Action, will be placed on an upcoming agenda for consideration.
 - A. Monthly Operations Report.
 - B. Monthly General Manager Report.
9. **BOARD MATTERS:** Discussion / Action. / Direction to Staff.
 - a. Public Hearing – Proposition 218 Process Sewer Rate Increase. Discussion/Action.
 - b. Resolution #2018-15 Sewer Rate Increase. Discussion/Action.
 - c. First Reading amend Bylaws, Rules and Procedures. Discussion/Action.
 - d. First Reading amended Standby Fee Ordinance. Discussion/Action.
 - e. Review and select Bid for State Mandated installation of Monitoring Wells. Discussion/Action.
 - f. Resolution #2018-16 Accept Bid for Monitoring Well Installation. Discussion/Action.
 - g. Purchase Skid System for Well 2/3R. Discussion/Action.
 - h. Resolution to Change meeting time of District meetings. Discussion/Action.
 - i. AE Professional Camera Maintenance Plan Contract. Discussion/Action.
 - j. Firewood from District Park Update. Discussion/Action.
 - k. Evacuation Plan - Pilot Program Update. Presentation. Discussion/Action.
 - l. Bylaws - Improved description - Billing late notices/late charges calculation. Discussion/Action.

- m. LAFCO Annexation Mapping Amador Parcels update. Discussion/Action.
- n. Appoint Water and Wastewater Concerns Committee. Discussion/Action.
- o. Appoint Finance Committee. Discussion/Action.
- p. Appoint Personnel Committee. Discussion/Action.

10. BOARD OF DIRECTORS COMMENTS/REPORTS: Discussion Only.

- a. Capital Improvements and general repairs necessary at the District. Continued Item.

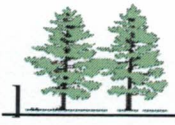
11. COMMITTEE COMMENTS/REPORTS: Continued Item.

- a. Town Hall Improvement Committee. Discussion/Possible Action.
- b. Solar Panel Committee. Discussion/Possible Action.
- c. Water Rights Committee. Discussion/Possible Action.

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 – December 12, 2018 at 5:30 p.m.

* * * * *



REGULAR MINUTES

**Wednesday, October 10, 2018
ACTION MINUTES**

1. CALL TO ORDER: The meeting was called to order by Vice-Chairman Raymond at 5:30 p.m.

2. ROLL CALL:

Director Rosce Raymond
Director Anita Ebbinghausen
Director Mark Etter
Director Patrick Henry
Director Richard Miller

Candi Bingham, General Manager – Via Phone
Gisele Wurzbarger, Board Clerk

ABSENT:

3. PLEDGE OF ALLEGIANCE: Chairman Miller led the Pledge of Allegiance.

4. AGENDA:

General Manager Bingham requested the following two items be added to the agenda for consideration.

1. Protection of District Facilities – Possible Vandalism Issues due to Coverage of District Camera at AA meeting.
2. Account 47-003 Request Consideration to Pay Half of Account Balance and Amortize Remaining Amount over Six Months.

Motion by Board Member Ebbinghausen, seconded by Board Member Etter, and carried by a 5 to 0 vote to approve the Regular Agenda dated October 10, 2018 as amended. Motion passed by the following vote:

AYES: Ebbinghausen, Etter, Henry, Miller, Raymond
NOES: None
ABSTAIN: None
ABSENT: None

5. PUBLIC COMMENT FOR MATTERS NOT ON THE AGENDA:

Franz Nadermann was present to voice his concerns regarding the Jaybird Water Tank, Circle Water Tank, Retire Slow Sand Filter, Sludge Ponds, Bookkeeping, Monitoring System and Wastewater facilities routine maintenance procedures.

General Manager Bingham explained she would be in the office October 22 through October 26 and could schedule a meeting with Franz Nadermann to discuss his concerns and procedures provided.

The Board requested this item be placed on the November 14 agenda for discussion and that a committee be appointed. They requested Franz Nadermann serve on the committee. Staff was directed to add appoint a

Water and Wastewater Concerns Committee and discussion item on the next agenda for consideration. Vice-Chairman Raymond requested more documentation be provided for this agenda item. Franz Nadermann provided a written report on the Wastewater facilities routine maintenance procedures.

Nell Raymond stated the District was fortunate to have Franz Nadermann's knowledge of the Water and Wastewater system for future saving for the District.

Nancy Endy was present to voice her concern on the water tanks and clarification various rumors regarding which customers would have to pay for a new meter hookup because of the new water distribution installation.

Board Member Ebbinghausen reiterated only 14 customers were identified that would have to pay for new meter hookup because of to the location of their current meter.

6. MINUTES: Discussion / Approval.

A. September 12, 2018 Regular Meeting.

Motion by Vice-Chairman Raymond, seconded by Board Member Etter, and carried by a 5 to 0 vote to approve the Minutes dated September 12, 2018 as amended. Motion passed by the following vote:

AYES: Ebbinghausen, Etter, Henry, Miller, Raymond
NOES: None
ABSTAIN: None
ABSENT: None

7. CONSENT ITEMS:

- a. Monthly Financial Statements - Period Ending September 30, 2018.
- b. Expenditure Report - Submitted Check Approval through September 30, 2018.

General Manager Bingham requested the AE Professional Camera Maintenance Plan Contract be place on the November 14 agenda for consideration.

Chairman Miller opened the public discussion. Hearing no comments from the public, Chairman Miller closed the public discussion.

Motion by Board Member Ebbinghausen, seconded by Board Member Etter, and carried by a 5 to 0 vote to approve the Consent Items - Period Ending September 30, 2018. Motion passed by the following vote:

AYES: Ebbinghausen, Etter, Henry, Miller, Raymond
NOES: None
ABSTAIN: None
ABSENT: None

8. MONTHLY OPERATIONS REPORT: Discussion. Any matter requiring action will be placed on an upcoming agenda for consideration.

A. Monthly Operations Report.

The report included updates from AWA staff, construction, wastewater and water – no report was submitted.

September Water Production/Sold Information:

Well 2 - 491,900 gallons Total Produced – 845,195 gallons
Well 3R - 337,400 gallons Total Sold – 887,439 gallons
Well 6R - 15,895 gallons Total Lost - 5%

September Wastewater Production:

Influent flow: 1,111,000 gallons Effluent 318,400 gallons

General Manager Bingham stated she would speak to the Amador Water Agency regarding the big difference in the Water Production Total Loss percentage number - total lost was 5%.

Chairman Miller opened the public discussion. Hearing no comments from the public, Chairman Miller closed the public discussion.

B. Monthly General Manager Report.

The Monthly General Manager Report included updates from the General Manager – see report for complete details.

Chairman Miller opened the public discussion. The following individuals spoke regarding the Monthly General Manager's Report: Karla Christensen, Nancy Endy and Gabriel Stewart. Hearing no further comments from the public, Chairman Miller closed the public discussion.

General Manager Bingham reported she would be at the office October 22 through October 26.

9. BOARD MATTERS: Discussion / Action / Direction to Staff.

a. First Reading amend Bylaws, Rules and Procedures. Discussion/Action.

Board Clerk Wurzburger explained this item would have to be continued to the November 14 Agenda due to Ordinance legal procedures. It was noted for the record this ordinance was publicized in accordance to the Ordinance legal procedures.

Board Clerk Wurzburger explained the Procedures for adoption of an Ordinance:

1. Publication of Public Notice to hold a public hearing to adopt an Ordinance must be publicized in local paper 10 day prior to public hearing.
2. Draft Ordinance for First Reading of Ordinance by title only must be prepared for submitted in Agenda Packet for discussion and possible amendment.
3. Final Ordinance for Second Reading of Ordinance submitted in the next meeting's Agenda Packet for discussion and possible adoption.
4. Adopted Ordinance is effective 30 days after adoption.

No action taken.

b. First Reading amended Standby Fee Ordinance Discussion/Action.

No written report was submitted on this item. General Manager Bingham provided Ordinance 2018-02 amending the District's Standby Fees for the First Reading.

Board Clerk Wurzburger stated for the record this ordinance was publicized in accordance to the Ordinance legal procedure. Tonight's action would be to approve the First Reading of the Ordinance 2018-02 by Title Only, discuss the provided Ordinance and if needed determine any amendments to be made for the second reading at the November 14 meeting. At the November 14 meeting the action would be to hold the Second Reading of the Final Ordinance and adopt it. The Ordinance becomes effective 30 days after the adoption.

Chairman Miller opened the public discussion. Karla Christensen spoke regarding the Ordinance 2018-02. Hearing no further comments from the public, Chairman Miller closed the public discussion.

Motion by Vice-Chairman Raymond, seconded by Chairman Miller, and carried by a 5 to 0 vote to approve the First Reading of Ordinance 2018-02 Amending Standby Fees as amended. Motion passed by the following vote:

AYES: Ebbinghausen, Etter, Henry, Miller, Raymond
NOES: None
ABSTAIN: None
ABSENT: None

c. Discuss District's Closed Meeting on August 19, 2018. Discussion/Action.

Vice-Chairman Raymond reported there was no written report was submitted on this item. At the September 12 meeting there was an item on the agenda to discuss the Sewer Ponds Relining/Monitoring Well Update. At that time General Manager Bingham reported there would be no discussion or action taken on this matter due to a legal issue. A Special Closed Session meeting was scheduled for Wednesday, September 19th at 4:00 p.m. Vice-Chairman Raymond, Board Member Ebbinghausen and Board Member Etter attended the Special Closed Session meeting. There was a discussion regarding the State's requirement regarding the District's Sewer Ponds Relining/Monitoring Well and staff was directed to put this out to Bid for consideration.

General Manager Bingham reported she sent out 7 bid packets to well drilling companies. The packets were sent to a list of qualified drillers provided by Patrick Henry and Pat Dunn. They were given 30 days to respond to the bid. Once the bids have been received they will be submitted on the Agenda for "Award of Bid" by the Board.

Chairman Miller opened the public discussion. Karla Christensen spoke regarding the Sewer Ponds Relining/Monitoring Well Update. Hearing no further comments from the public, Chairman Miller closed the public discussion.

No action taken.

d. Sale of Firewood from District Park. Discussion/Action.

General Manager Bingham reported Pacific Gas & Electric fell a tree on District property. Tonight's action would be to determine if the Board would like to offer this wood to River Pines residents only and if no residents want this wood it would be open to the Board Members.

Chairman Miller opened the public discussion. Hearing no comments from the public, Chairman Miller closed the public discussion.

The Board directed Vice-Chairman Raymond to post a public notice on the District's website and 2 local locations stating the following:

Recently, Pacific Gas & Electric fell a tree on District property. If you are interested in receiving some of this wood, please send your name, physical address and contact number to the River Pines District office no later than Sunday, October 21, 2018. You may mail your information to PO Box 70, River Pines, CA 95675, or drop off in the drop box at the River Pines Town Hall or email to rppud@riverpinespod.org. You will be notified no later than Tuesday, October 23, 2018 if the fire wood is available to you. NO firewood may be taken until you are notified.

No action taken.

e. Fire Marshal Evacuation Plan Presentation. Discussion/Action.

Vice-Chairman Raymond reported there was no written report was submitted on this item. He stated he and Nell Raymond attended a joint meeting with Amador County Fire Agency, Brian Oneto, Amador Sheriff Department and Amador County Public Works regarding the Evacuation Plan - Pilot Program. There will be another meeting with this group in a couple of weeks and all information will be provided to the Board.

Chairman Miller opened the public discussion. The following individuals spoke regarding the Evacuation Plan - Pilot Program: Nell Raymond, Gabriel Stewart and Nancy Endy. Hearing no further comments from the public, Chairman Miller closed the public discussion.

Staff was directed to add the Evacuation Plan - Pilot Program on the next agenda for discussion.

No action taken.

f. Follow-up Fire Hydrant Testing. Discussion/Action.

General Manager Bingham reported there was no written report was submitted on this item. She reported the Plymouth Fire Department completed the Fire Hydrant inspection on September 19. All fire hydrants were in good working order except one. They will notify Amador Water Agency about the one hydrant so that it can be repaired.

No action taken.

g. Change meeting time of District meetings. Discussion/Action.

General Manager Bingham reported there was no written report was submitted on this item. She noted for the record that the Amador Water Agency meets at 9:00 a.m. and the Amador Board of Supervisors meets at 10:00 a.m.

Chairman Miller opened the public discussion. The following individuals spoke regarding the Change meeting time of the District Meetings: Karla Christensen and Nancy Endy both agreed and suggested changing the meeting time to 6:30 and 7:00 p.m.

Board Clerk Wurzburger stated for the record that the meeting schedules is set forth by District Policy which must be amended by a Resolution not a Board Vote. Being that no Resolution was submitted for consideration no action can be taken on this item.

Nancy Endy rudely stated River Pines is not the City, but a small community and the Board could change the meeting schedule if they want to. Board Clerk Wurzburger stated the River Pines Public Utility District is a Public Utility and must adhere to Meeting Rules and Regulations and reiterated the Board could not change District Policies without a Resolution.

Due to public disagreement regarding the action to be taken on this item, Chairman Miller requested Nancy Endy leave the meeting. Nancy Endy refused to leave and displayed a rude gesture at Board Clerk Wurzburger.

Chairman Miller adjourned the meeting at 7:15 p.m.

h. Bylaws - Improved description - Billing late notices/late charges calculation. Discussion/Action.

No action taken – continued to the November 14 meeting.

i. Appoint Finance Committee. Discussion/Action.

No action taken – continued to the November 14 meeting.

j. Appoint Personnel Committee. Discussion/Action.

No action taken – continued to the November 14 meeting.

k. LAFCO Annexation Mapping Amador Parcels update. Discussion/Action.

No action taken – continued to the November 14 meeting.

l. Protection of District Facilities – Possible Vandalism Issues due to Coverage of District Camera at AA meeting.

No action taken – continued to the November 14 meeting.

m. Account 47-003 Request Consideration to Pay Half of Account Balance and Amortize Remaining Amount over Six Months.

No action taken – continued to the November 14 meeting.

10. BOARD OF DIRECTORS COMMENTS/REPORTS: Discussion Only.

A. Capital Improvements and general repairs necessary at the District. Continued Item.

No action taken – continued to the November 14 meeting.

11. COMMITTEE COMMENTS/REPORTS: Continued Item.

- a. Standby Fee Determination Committee. Discussion/Possible Action.
- b. Town Hall Improvement Committee. Discussion/Possible Action.
- c. Solar Panel Committee. Discussion/Possible Action.
- d. Water Rights Committee. Discussion/Possible Action.

No action taken – continued to the November 14 meeting.

a. FUTURE AGENDA TOPICS:

- a. Public Hearing – Proposition 218 Process Sewer Rate Increase.
- b. First Reading amend Bylaws, Rules and Procedures.
- c. First Reading amended Standby Fee Ordinance.
- d. Resolution to Change meeting time of District meetings.
- e. AE Professional Camera Maintenance Plan Contract.
- f. Sale of Firewood from District Park Update.
- g. Evacuation Plan - Pilot Program Update. Presentation.
- h. Bylaws - Improved description - Billing late notices/late charges calculation.
- i. LAFCO Annexation Mapping Amador Parcels update.
- j. Protection of District Facilities – Possible Vandalism Issues due to Coverage of District Camera at AA meeting.
- k. Account 47-003 Request Consideration to Pay Half of Account Balance and Amortize Remaining Amount over Six Month.
- l. Appoint Water and Wastewater Concerns Committee.
- m. Appoint Finance Committee.
- n. Appoint Personnel Committee.

o. ADJOURNMENT: The meeting adjourned at 7:15 p.m.

Respectively submitted,
Gisele Wurzbürger, Board Clerk

DRAFT

River Pines Public Utility District
Profit & Loss by Class
 October 2018

7A

	Sewer	Water	TOTAL
Ordinary Income/Expense			
Income			
Base Fee Income			
Maintenance Fees	350.00	350.00	700.00
Sewer	10,703.42	0.00	10,703.42
Voluntary Lock-Off	210.00	210.00	420.00
Water	0.00	12,108.56	12,108.56
Total Base Fee Income	11,263.42	12,668.56	23,931.98
Town Hall Rental	10.00	10.00	20.00
Variable Income			
Door Hanger Fee	0.00	120.00	120.00
Late Fees	325.91	334.29	660.20
Reconnection Fee	0.00	60.00	60.00
Service Connection Fee	32.86	32.89	65.75
Water - Usage	0.00	3,238.31	3,238.31
Total Variable Income	358.77	3,785.49	4,144.26
Total Income	11,632.19	16,464.05	28,096.24
Gross Profit	11,632.19	16,464.05	28,096.24
Expense			
Board Members			
Stipends	187.50	187.50	375.00
Total Board Members	187.50	187.50	375.00
Contracted Expenses			
Board Clerk	150.00	150.00	300.00
Manager	2,416.66	2,416.68	4,833.34
Total Contracted Expenses	2,566.66	2,566.68	5,133.34
Sewer Expenses			
Alarm Monitoring	700.00	0.00	700.00
Amador Water - After Hour ...	241.00	0.00	241.00
Amador Water - Routine Ser...	2,178.25	0.00	2,178.25
Amador Water Agency-Stat...	33.25	0.00	33.25
Amador Water Agency - Ele...	384.12	0.00	384.12
Electricity - Sewer	3,082.23	0.00	3,082.23
Sewer - Parts/Supplies	100.53	0.00	100.53
Telephone - Sewer	190.02	0.00	190.02
Total Sewer Expenses	6,909.40	0.00	6,909.40
Town Hall Expenses			
Janitorial	120.00	120.00	240.00
Total Town Hall Expenses	120.00	120.00	240.00
Water Expenses			
Alarm Monitoring	0.00	300.00	300.00
Amador Water - After Hour ...	0.00	482.00	482.00
Amador Water Agency-Elect...	0.00	144.04	144.04
Amador Water Agency-Mete...	0.00	595.82	595.82
Amador Water Agency-Prev...	0.00	785.83	785.83
Amador Water Agency-Rout...	0.00	2,285.03	2,285.03
Amador Water Agency-Stat...	0.00	99.77	99.77
Amador Water Agency - Re...	0.00	494.05	494.05
Electricity - Water	0.00	2,460.99	2,460.99
Permit Fees	0.00	200.00	200.00
Supplies	0.00	393.10	393.10
Telephone - Water	0.00	200.05	200.05
Total Water Expenses	0.00	8,440.68	8,440.68
64900 - Office Expenses			

River Pines Public Utility District
Profit & Loss by Class
October 2018

	Sewer	Water	TOTAL
Equipment	96.97	96.97	193.94
Membership Dues	677.00	677.00	1,354.00
Postage/Shipping	68.47	68.48	136.95
Printing	40.50	40.50	81.00
Software	19.99	20.00	39.99
Total 64900 · Office Expenses	902.93	902.95	1,805.88
66700 · Professional Fees			
Security Service/Maintenance	140.00	140.00	280.00
Total 66700 · Professional Fees	140.00	140.00	280.00
68600 · Utilities			
Disposal	82.23	82.23	164.46
Electricity - Office	0.00	27.21	27.21
Electricity - Town Hall	27.20	0.00	27.20
Electricity - Street Lights	136.42	136.42	272.84
68100 · Telephone - Office	30.57	30.58	61.15
Total 68600 · Utilities	276.42	276.44	552.86
Total Expense	11,102.91	12,634.25	23,737.16
Net Ordinary Income	529.28	3,829.80	4,359.08
Other Income/Expense			
Other Income			
Insurance Refund	1,536.11	1,536.12	3,072.23
Wireless Site Lease	250.00	250.00	500.00
Total Other Income	1,786.11	1,786.12	3,572.23
Net Other Income	1,786.11	1,786.12	3,572.23
Net Income	2,315.39	5,615.92	7,931.31

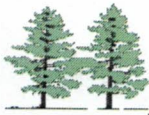
River Pines Public Utility District
Account QuickReport-Board Meetings
 As of October 31, 2018

Type	Date	Num	Name	Memo	Amount	Balance
Bank Accounts						
El Dorado Checking						
Deposit	10/01/2018			Deposit	2,419.36	34,882.67
Check	10/01/2018	eft	Google Services	Email Services	-25.00	37,302.03
Check	10/01/2018	debit	USPS	Postage	-106.70	37,170.33
Deposit	10/02/2018			Deposit	300.00	37,470.33
Check	10/03/2018	debit	Candi Bingham	Deposit	140.00	37,610.33
Deposit	10/03/2018			October Services	-2,416.67	35,193.66
Check	10/03/2018	debit	USPS	Deposit	411.79	35,605.45
Deposit	10/04/2018			Postage	152.95	35,758.40
Check	10/05/2018	debit	Adobe PDF	Deposit	-30.25	35,728.15
Deposit	10/08/2018			Deposit	150.00	35,878.15
Check	10/09/2018	eft		Deposit	615.81	36,493.96
Deposit	10/10/2018			Deposit	-14.99	36,478.97
Check	10/11/2018			Deposit	1,043.23	37,522.20
Deposit	10/11/2018			Deposit	86.10	37,608.30
Check	10/11/2018			Deposit	195.01	37,803.31
Deposit	10/12/2018			Deposit	427.71	38,231.02
Check	10/16/2018	debit	AT&T - Sewer	Deposit	446.59	38,677.61
Check	10/17/2018	debit	Candi Bingham	Deposit	3,573.31	42,250.92
Deposit	10/18/2018			209 245-3984 701 9	-95.01	42,155.91
Check	10/19/2018	debit	PG&E - Water 2	October Services	-2,416.67	39,739.24
Check	10/19/2018	debit	PG&E - Sewer	Deposit	123.00	39,862.24
Check	10/19/2018	debit	PG&E - Street Lights	Deposit	386.60	40,248.84
Check	10/19/2018	debit	PG&E - Office/Tow...	2458584137-2	-2,181.16	38,067.68
Check	10/19/2018	debit	PG&E - Water	8721806002-5	-3,082.23	34,985.45
Deposit	10/22/2018			7368064062-7	-272.84	34,712.61
Check	10/23/2018	debit	Aces Waste Servic...	6898952032-2	-54.41	34,658.20
Check	10/23/2018	debit	Amador Co. Surveyi...	3357284549-4	-279.83	34,378.37
Check	10/23/2018	debit	Amador Water Age...	Deposit	445.29	34,823.66
Check	10/23/2018	debit	Angelica Hernandez	1175	716.58	35,540.24
Check	10/23/2018	debit	Anita Ebbinghausen	1175	-164.46	35,375.78
Check	10/23/2018	debit	AT&T - Sewer	Amador Maps Filing Fee	-200.00	35,175.78
Check	10/23/2018	debit	C.S.D.A.	30018	-8,216.79	26,958.99
Check	10/23/2018	debit	California Bank & T...	Town Hall Services - October 20...	-240.00	26,718.99
Check	10/23/2018	debit	Gisele L. Wurzburger	Stipend - November 2018	-75.00	26,643.99
Check	10/23/2018	debit	Ledger Dispatch	209 245-3984 701 9	-95.01	26,548.98
Check	10/23/2018	debit	Mark Etter	Membership Renewal	-1,354.00	25,194.98
Check	10/23/2018	debit	Patrick Henry	1030264749	-890.00	24,304.98
Check	10/23/2018	debit	Richard Miller	October Board Clerk	-300.00	24,004.98
Check	10/23/2018	debit	Rocky Raymond	Stipend - November 2018	-75.00	23,923.98
Check	10/23/2018	debit	Staples	Stipend - November 2018	-75.00	23,848.98
Check	10/23/2018	debit	AT&T - Water	Stipend - November 2018	-75.00	23,773.98
Check	10/23/2018	debit	Brent Stewart, P. E.	Stipend - November 2018	-75.00	23,698.98
Check	10/23/2018	debit	Mission IT Solutions	Stipend - November 2018	-75.00	23,623.98
Check	10/23/2018	debit		Office Refrigerator	-193.94	23,430.04
Check	10/23/2018	debit		209 245-4011 722 0	-200.05	23,229.99
Check	10/23/2018	debit		Services for September 2018	-1,000.00	22,229.99
Check	10/23/2018	debit		Security Camera's	-280.00	21,949.99

7B

River Pines Public Utility District
Account QuickReport-Board Meetings
 As of October 31, 2018

Type	Date	Num	Name	Memo	Amount	Balance
Deposit	10/23/2018			Deposit	1,186.36	23,136.35
Deposit	10/24/2018			Deposit	12,052.12	35,188.47
Deposit	10/24/2018			Deposit	236.42	35,424.89
Deposit	10/24/2018			Deposit	1,175.84	36,600.73
Deposit	10/24/2018			Deposit	417.60	37,018.33
Deposit	10/25/2018			Deposit	3,182.44	40,200.77
Deposit	10/25/2018			Deposit	342.03	40,542.80
Check	10/26/2018			Deposit	491.24	41,034.04
Deposit	10/29/2018			Office Phone	-61.15	40,972.89
Check	10/29/2018	eft	RingCentral	Deposit	126.46	41,099.35
Deposit	10/29/2018			Deposit	132.00	41,231.35
Total El Dorado Checking					6,348.68	41,231.35
Total Bank Accounts					6,348.68	41,231.35
TOTAL					6,348.68	41,231.35



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.org



8A

GENERAL MANAGER'S REPORT For Water/Wastewater Operations October 2018

WATER:

- Flushed Hydrants
- Call-Out after hours for low cl2 alarm at Well 2/3R. Installed new bleeder valve and cleaned injections.
- Replaced cl2 line on backside of pump
- Weekly sample testing
- Unlocked meter and verified no leaks after long period of shut-off
- Completed annual backflow testing & reported to Regulatory Compliance
- Serviced Generator at Well 2/3R building. Oil, gas, etc. Electrician serviced so that it would do weekly run.
- Routine maintenance

SEWER:

- Routine Sewer checks
- Weekly Lift Station cleaning and checks
- Monthly Sewer Samples/Testing
- Wash down, scrape floats of grease and check alarms at lift stations
- Dispose of headworks screenings
- As directed by Board, ordered all six (6) hour meters. Will replace once received.
- Running Aerators on timers – should see results on PG&E bill
- Re-ditched and cleaned ditches to prepare for rain. Did one last weed eating. Plant ready for winter runoff/rains.
- Replaced light on sewer operation building. I instructed them to replace with a sensor light (on at dark/off during light). Light cost \$68 plus \$140 electrician installation.

Revised for
September

River Pines Dept. Report

September 1 – September 30, 2018

August Water Production/Sold

Well 2: 579,900 gallons	Total Produced: 981,795 gallons
Well 3R: 386,000 gallons	Total Sold: 887,439 gallons
Well 6R: 15,895 gallons	Unaccounted Loss: 10%

Regulatory Compliance Specialist-

- Completed August monthly reporting for water and wastewater. Including No Spill Report to CIWQS.

Wastewater-

- Influent flow 1,111,000 gallons. Effluent Discharged: 318,400 gallons.
- Continued to monitor and run the complete wastewater system from plant to collections.
- Checking known areas of concern and jetting monthly.
- Maintaining grounds and sprayfields and emptying storage pond by October 1st deadline.

Water-

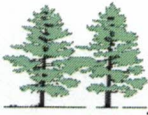
- Completed all regulatory sampling.
- Staff responded to a power failure and initiated generator start up and monitored and hauled fuel during extended outage.
- Routine operation and Maintenance

Distribution-

- Routine flushing

Prepared by: Andrea Hinton, Regulatory Specialist

Reviewed by: Damon Wyckoff, Operations Manager



AGENDA ITEM – 8B

GENERAL MANAGER’S REPORT

For the Month of: October 2018

1. Followed up with Matt Toma regarding to maps/descriptions for Amador parcels. Maps were sent to county on October 29th for approval. The maps/description for El Dorado have been approved and completed. KASL delivered required copies and documents to the county on November 2nd. Roseanne was following up on the status of the Amador maps.
2. Had a meeting with Bow, the District’s project manager with the State, on October 29th. Went over the entire Construction Application and the status. Earlier this year the State began to require an Environmental Alternative Analysis. Bow sent me the information as to what is required, and I forwarded it to Bruce Barraco for an estimate to complete. Bow asked me to inform her of the cost, as she may be able to work something out to get it covered. If not, the District can be reimbursed once the grant is funded.
3. Status of the Grant – the District is/was not slated to receive funds from the 2018 budget money. There was only \$35,000,000 available for these types of grants for 2018. We are in front for 2019 funding. The awards will be chosen based on how the project ranks. I have sent her the Income Survey and brought her up to speed on our project. If we are chosen, we will find out June/July 2019 and project would be ready to start August/September 2019.
4. Cal.Net is in the process of sending over an estimate for the internet. Spoke with Steve and he was under the impression that Rocky Ridge was not going to be doing business in the area. Not sure where they received that information, but I made it very clear to him that Rocky Ridge owns the tower and plans on continuing to utilize the tower. Cal.Net went to a conference and was approached by a company that has new technology that does not require towers. They are offering it to Cal.Net for a great price and Cal.Net (Steve) has said that River Pines would be a great community to use this technology. I have asked him to make us their

“trial run” once they receive this equipment since we have been waiting so long!

5. Filed six (6) new liens on delinquent properties totaling \$8,128.58. Liens are collected when property sells, or owner pays. Cost the District \$72 to file the liens. Customers are billed that charge (it is added to the lien).
6. Reached out to CDF for spray fields. AWA also reached and said they would be contacting me to schedule clearing. Keeping the spray fields somewhat clear helps with the maintenance and longevity of the equipment.
7. Met with Amador Water Agency Operation Supervisors on October 24th regarding Damon leaving the agency. I wanted to provide them with my concerns regarding operations and find out who my point of contact would be (please see attached for items covered at the meeting). His position has not been filled.
8. Weekly Bank Deposits
9. Monthly Service Billing
10. Monthly Late Notices
11. Monthly 48 Hour Notices
12. Updated Website
13. Agenda & Packets

Will be in the River Pines Office – November 14th through November 21st
(exclude weekend).

AWA Meeting October 23, 2018

River Pines District Projects/Concerns

Water –

- Chlorine Barrels – why are they being stored in the Well 2/3R building? Currently one empty and approx. 5/6 full??
- Can we run Wells during Off Peak Hours – 12:30 a.m. to 8:30 a.m.?
- Leaky pipe/chlorine in Well 2/3R building. Rotting area. After touching I could not smell chlorine like usual, but dripping water. What can we do about this?
- Generator – should ALWAYS be online and ready to go. Well 2/3R is our main well and should power go out, generator should always kick on.
 - Generator should also always cycle weekly
 - Gas, oil and filters should have a maintenance schedule to check/change or treat (gas)
- Well 6 R – looks good. How many filters does it take each change? Why is a ladder still up to the top of the blending tank (looks like a hazard if nothing else)?
- I like the complete daily logs that have been done more recently. It helps me to see what has been done if I or the Board have any questions.
- Are there routine site visits to Jaybird and Circle Tank? If nothing else, to just check for leaks etc.
- SCADA
- Is there anything needed from the District? Any foreseen upcoming expenses?

Distribution –

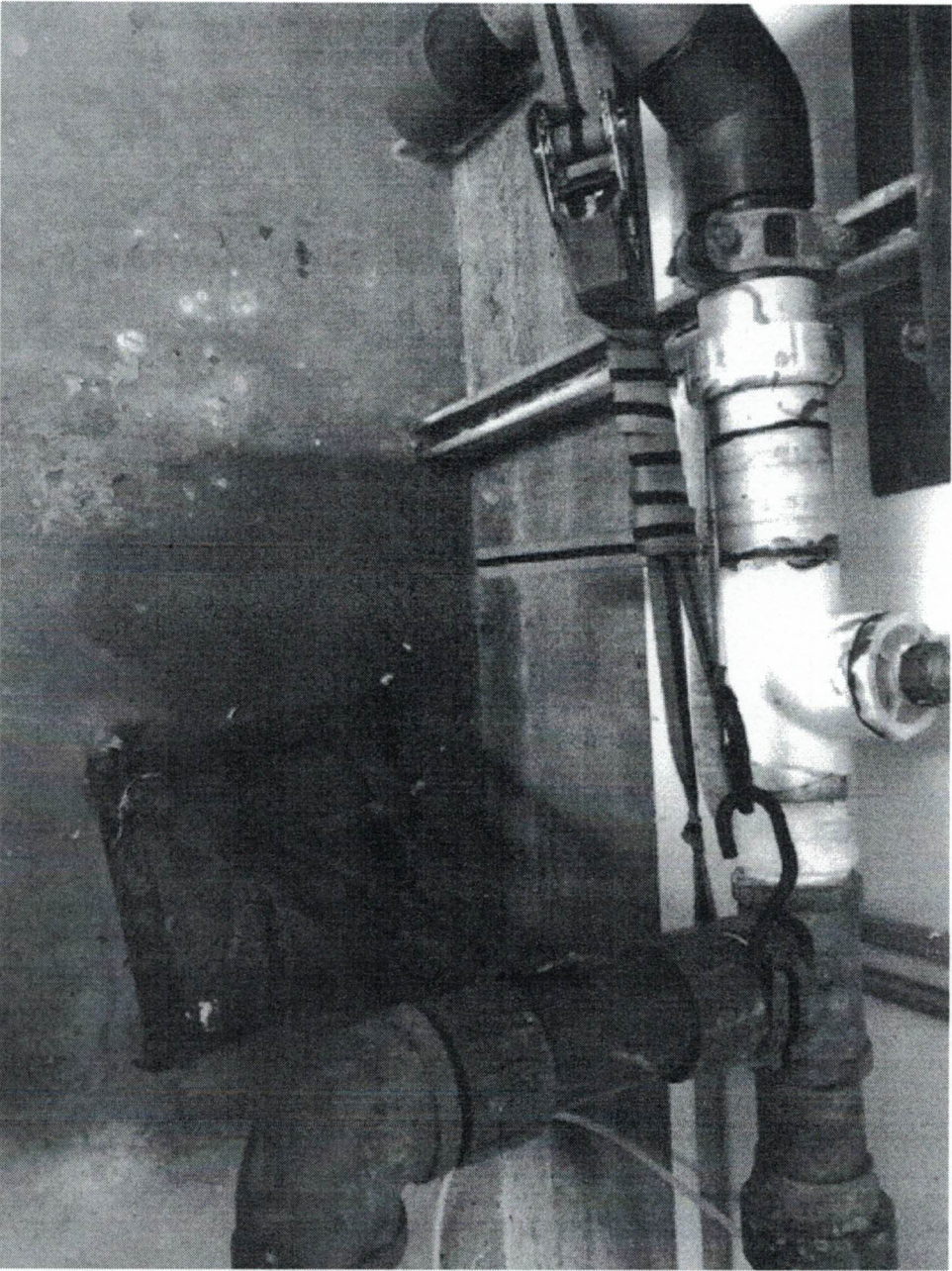
- It would be appreciated if the W. O. could stipulate if AWA did a service call/fix a repair that was on the customer's side.
- It would be appreciated if when a service call has been requested that a response is given as to when AWA will respond. This would help me know that 1. You received my message 2. I can give the customer a callback as to when AWA will arrive.
- If there are any big leaks that AWA responded to that did come from the office, office is informed (we have been very fortunate and have not had many)

Sewer –

- Is there a routine maintenance schedule for the sprinkler heads, etc.?
- Can spray fields operate during Off Peak Hours – 12:30 a.m. to 8:30 a.m.? Are there any regulations that stipulate has to be done during the day to avoid condensation, etc.
- Spray Fields – what can we do for weed control/better access? Should I contact the CDF work crew? Or do we need something more permanent or at least would last longer?
- SCADA
- Is there anything needed from the District? Any foreseen upcoming expenses?

Weed Abatement –

- Would it be possible for AWA to put this in their River Pines spring/summer schedule to take care of without a work order from RP? If so, places to weed abate:
 - * Slow Sand Filter field (can use John Deere tractor mower)
 - * Island of weeds near highway by Slow Sand Filter
 - * Town Hall – around immediate building (county recreation does the whole park area)
 - * Hill by Town Hall parking lot just the length of the parking lot
 - * Around the Well 2 and Well 3R building
 - * Well 6R
 - * Circle Tank (except where Brent's tower is located – his responsibility)
 - * Jaybird Tank
 - * Fire Hydrants
 - * East Side Lift Station
 - * Slate Creek Lift Station
 - * Sewer Pond – inside fenced area
 - * Pedestals



RESOLUTION NO. 2018-15

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
RIVER PINES PUBLIC UTILITY DISTRICT ADOPTING CHANGES
TO THE RIVER PINES PUBLIC UTILITY DISTRICT RATE AND FEE SCHEDULE**

WHEREAS, the Board of Directors of the River Pines Public Utility District (RPPUD) desires to operate the water treatment and distribution and wastewater (sewer) treatment and collection systems in the most efficient and cost-effective manner while protecting public health; and

WHEREAS, cumulative increases in the cost of testing, professional services, supplies, repairs, adherence to regulations, etc. required in the operation of the systems necessitates that rates be adjusted accordingly from time to time, pursuant to Section 2.01.010, Section 1.05.101 and Section 3.01.240 of the RPPUD Bylaws, Rules and Procedures; and

WHEREAS, the RPPUD Rate and Fee Schedule was evaluated and it was determined that increases were necessary to meet financial requirements of the District; and

WHEREAS, in accordance with Article XIID, Section 6 of the California Constitution, the District provided written notice by mail to the record owner of each serviced property upon which Rate and Fee Schedule changes would be imposed; and

WHEREAS, not less than 45 days after mailing the notice described above, the District held a public hearing to consider the proposed Rate and Fee Schedule changes, to consider public input and to determine whether a majority of affected rate payers protested the proposed rate changes, and determined that no such majority protest was made; and

WHEREAS, the RPPUD Rate and Fee Schedule will reflect an approximate 25% increase in sewer base rate for residential and commercial residents; and

NOW THEREFORE, BE IT RESOLVED, by the Board of Directors of the River Pines Public Utility District hereby adopts and sets the following changes to the RPPUD Rate and Fee Schedule which will take effect January 1, 2019:

Parcel Rates – Increase – Beginning January 1, 2019

The proposed change to the RPPUD Rate and Fee Schedule:

SEWER RATES:

Residential Monthly Base Service Rate	\$82.75
Commercial Monthly Base Service Rate	\$91.70

1. If any section, subsection, sentence, clause or phrase in this Resolution or the application thereof to any person or circumstances is for any reason held invalid, the validity of the remainder of this Resolution or the application of such provisions to other persons or circumstances shall not be affected thereby. The Board of Directors hereby declares that it would have passed this Resolution and each section, subsection, sentence, clause or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses, or phrases of the application thereof to any person or circumstance by held invalid.

The foregoing resolution was duly passed and adopted by the Board of Directors of the River Pines Public Utility District at a Regular meeting on the 14th of November 2018, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

River Pines Public Utility District

Rick Miller, Chairman

ATTEST:

Candi Bingham, Acting Board Clerk

**RIVER PINES PUBLIC UTILITY DISTRICT
ORDINANCE NO. 2018-01**

**AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE RIVER PINES PUBLIC
UTILITY DISTRICT AMENDING ITS BYLAWS, RULES AND PROCEDURES**

Whereas, the River Pines Public Utility District (District) operates pursuant to, the California Public Utilities and Government Codes, its ordinances, resolutions and bylaws;

Whereas, the District wishes to comply with revisions to state law and developments in water and sewer treatment;

Whereas, the District wishes to bring together its various pronouncements of operating policy and procedure into a comprehensive document.

Whereas, the District wishes to repeal its earlier dated Ordinances, Resolutions, Bylaws and replace them with Ordinance 2018-01

**BE IT ENACTED BY THE BOARD OF DIRECTORS OF THE RIVER PINES
PUBLIC UTILITY DISTRICT THAT:**

1. All ordinances, resolutions and bylaws previously adopted by the District are repealed.
2. River Pines Public Utility District "Bylaws, Rules and Procedures" are hereby replaced and adopted with Ordinance 2018-01

Effective date of this Ordinance shall be January 1, 2019.

The foregoing Ordinance was duly passed and adopted by the Board of Directors of the River Pines Public Utility District, upon second reading, on the 12th day of December 2018, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

River Pines Public Utility District
Board of Director

Rick Miller, Board Chairman

Attest:
River Pines Public Utility District

By:

Gisele Wurzbarger, Clerk of the Board

ORDINANCE 2018-02

ORDINANCE OF THE BOARD OF DIRECTORS OF THE RIVER PINES PUBLIC UTILITY DISTRICT ADOPTING CHANGES TO THE RIVER PINES PUBLIC UTILITY DISTRICT STANDBY FEE

BE IT ENACTED BY THE BOARD OF DIRECTORS OF THE RIVER PINES PUBLIC UTILITY DISTRICT THAT:

1. Standby Fee shall be changed to Maintenance Fee on the District's Rate and Fee Schedule.
2. Maintenance Fee shall be collected on all parcels within the District that are not now on metered service and have no water or sewer connection to the property.
3. The Maintenance Fee shall be placed in a CAPITAL IMPROVEMENT ACCOUNT.
4. The Fee shall be used for planning and construction of physical improvements, repairs and replacement of equipment and facilities in the water and wastewater system which are of general benefit to the District. The improvements include development and construction of new sources of water supply, water treatment facilities, water storage facilities, water transmission and distribution facilities, and all wastewater related operations.
5. The Base Rate to be charged to each parcel not now on metered service and no water or wastewater connections will be \$10.00 per month.
6. This Fee is due the first of each month and will be delinquent if not paid by the 20th of each month. A Late Fee of 10% per month will be charged to each delinquent account after 30 days and a 1.5% Late Fee per month will be charged for balance more than 30 days delinquent.
7. If the Fee is not paid the District will cause the total amount that is due plus Late Fees to be assessed against the property. The total will then become part of the secured Tax Roll to be collected by the County of Amador annually. The District will also place a Lien on the property for the amount due plus Late Fees. Should the property be sold, the new owner will then be responsible for the payment of the Fee.
8. The said Fee is to remain a permanent assessment against the property. Should the property be sold, the new owner will then be responsible for the payment of the Fee.
9. The Fee will terminate whenever the property is equipped with regular water and/or wastewater connection(s). All Fees paid since May 1985 Resolution and Ordinance #90-001, dated July 26, 1990 shall be credited up to a maximum of \$1,000 to be applied toward the Impact Fee of \$7,500 water and/or Impact of \$7,748 wastewater paid at the time of construction.
10. Exemption to the Fee:
 - Certain parcels within the District that will not be buildable as set forth in the county codes.
 - It will be the responsibility of the property owner to illustrate parcel is not buildable as set forth in the county codes.

11. A property owner who owns a parcel that abuts the parcel on which their owner-occupied residence is located and is on metered service, may submit a request for decrement if buildable of the Fee on no more than one parcel for privacy. Any Fee, so deferred, shall become a lien on the parcel and will be payable from escrow upon sale. The property owner will be sent a notice of fees accrued to date every six months.
12. Effective date of this Ordinance shall be January 1, 2019.

THIS ORDINANCE WAS PASSED AND ADOPTED AT A REGULAR MEETING ON THE 12TH DAY OF December 2018.

AYES:
NOES:
ABSTAIN:
ABSENT:

RIVER PINES PUBLIC UTILITY DISTRICT
Board of Director

Rick Miller, Board Chairman

Attest:

I Gisele Wurzburger, Clerk of the River Pines Public Utility District hereby certify and attest under penalty of perjury under the laws of the State of California that the foregoing is a full, true and correct copy of Ordinance 2018-02, passed by the Board of Directors of the River Pines Public Utility District at a regular meeting held the 12th day of December 2018, and duly signed by its Chairman, Rick Miller in my presence.

RIVER PINES PUBLIC UTILITY DISTRICT

By:

Gisele Wurzburger, Board Clerk

9E



Account Name	River Pines Public Utility District	Bid Date	10/12/2018
Address		Quote Number	00038239
Contact Name	Candi Bingham	Quote Revision Date	10/12/2018 10:38 AM
Email	rppud@riverpinespud.org	Opportunity/Project Name	River Pines PUD-Amador County-Air Rotary
Phone	(209) 245-6723	Work Site	Plymouth, CA 95669

Cascade Rep Contact Information

Prepared By	Ralph McGahey	Email	rmcgahey@cascade-env.com
-------------	---------------	-------	--------------------------

Scope of Work

Drill three (3) nominal 6" BH x 135' max TD; install 2" SCH 40 PVC well materials and annular fill, and surface completions. Well development.

No cuttings / development water containment

Difficult access

PW rates

Standard warranty work is good for 1 year and covers Cascade's time and materials to complete the work. Standard warranty does not include client's time or additional cost. Cascade can offer extended warranty to include such cost if requested during the bidding process and will be a separate line item for additional cost based on amount of additional coverage. Warranties can be void due to well development by others and damages out of the control of Cascade. All warranty work will be addressed on a case by case basis.

Quantity	Product	Product Description	Unit	Sales Price	Optional	Subtotal
1.00	Mob/Demob	Mobilization/Demobilization	Each	\$12,000.00	<input type="checkbox"/>	\$12,000.00
405.00	Other	2" SCH 40 PVC and annular materials	LF	\$15.00	<input type="checkbox"/>	\$6,075.00
3.00	Other	Above-grade well protector w/ bollards	EA	\$550.00	<input type="checkbox"/>	\$1,650.00
13.00	Other	Crew Travel / Per Diem	DY	\$600.00	<input type="checkbox"/>	\$7,800.00
13.00	Other	Air Rotary Rig (up to 10 hrs onsite)	DY	\$6,500.00	<input type="checkbox"/>	\$84,500.00
1.00	Other	ATV Support Equipment	WK	\$2,425.00	<input type="checkbox"/>	\$2,425.00
1.00	Other	BH Abandonment	FT	\$4.00	<input checked="" type="checkbox"/>	\$0.00
1.00	Other	Surcharge--OT / Weekend Work	HR	\$230.00	<input checked="" type="checkbox"/>	\$0.00

Pre-Tax Total	\$114,450.00
Tax Percentage	0.000%
Taxes	\$0.00
Quote Total	\$114,450.00

This quote is based on information provided by you and is valid for 45 days from the bid date. Your firm is responsible for 1) Obtaining any site specific permits, 2) Locating and clearly marking underground installations or utilities, 3) Furnishing dig Alert numbers at least three working days prior to scheduled start date and proof of private locating services, 4) Obtaining access to site with no overhead wires within 20' of the holes. On-site soil disposal, unless Cascade expressly assumes responsibility in writing. Cascade shall not be responsible for damages to



underground improvements not clearly and accurately marked.

If bedrock, cobbles, flowing sands or other adverse or unsafe drilling conditions are encountered, drilling may continue on a time and materials basis or be terminated at the discretion of Cascade. Additional costs may apply if scope is significantly changed. Prices assume standard labor rates and no work hour restrictions. Proposal is subject to final review of terms and conditions.

Signature of Client/ Owner Authorized Representative

Signature of Authorized Cascade Representative

Name & Title of Authorized Representative and Company

Name & Title of Authorized Cascade Representative

Date

Date

Cascade provides management of investigation derived waste. Call us today for information on a full range of additional options to meet your drilling needs.

Resolution No. 2018-15

**A Resolution of the Board of Directors of the
River Pines Public Utility District
To Approve Proposal Bid from Cascade Drilling to
Drill three (3) Mandated Monitoring Wells**

Whereas, the District has requested bids for drilling of three (3) monitoring wells that have been mandated by the Regional Water Quality Control Board (RWQCB) for the monitoring of ground water near sewer ponds.

Whereas, the District distributed seven (7) bid packets to various drilling companies requesting their bid for drilling of three (3) monitoring wells per the Monitoring Well Installation Work Plan (Geologic/Hydrogeologic Study and Sampling Plan) approved by RWQCB.

Whereas, Cascade Drilling Technical Services was the sole drilling company to submit a bid for the drilling of three (3) monitoring wells that have been mandated by RWQCB.

Whereas, RWQCB is requiring River Pines Public Utility District, no later than November 1, 2018, to submit the Monitoring Well Installation and Hydrogeologic Study Report. Due to the short time frame, River Pines Public Utility District hereby must accept bid currently received.

Now, Therefore, Be It Resolved, that the Board of Directors of the River Pines Public Utility District does hereby accept the proposal from Cascade Drilling Technical Services to drill three (3) monitoring wells mandated by RWQCB in the amount not to exceed \$114,450.

The foregoing resolution was duly passed adopted by the Board of Directors of the River Pines Public Utility District as a Regular Meeting on the 14th day of November 2018, by the following vote:

- AYES:**
- NOES:**
- ABSENT:**
- ABSTAIN:**

River Pines Public Utility District

Rick Miller, Chairman

ATTEST:

Candi Bingham, acting Clerk of the Board



90

Quote Summary: with section totals and quote total

#	Section	Ext. Net
1	Section 1	\$4,357.79

Grand Total Net:	\$4,357.79
-------------------------	-------------------

Price

Pricing & Product Details: with complete product descriptions and full pricing for each item

#	Material #	Description	Qty	Net	Ext. Net
1		ProMinent Fluid Controls S1 Skid System			\$4,357.79
1.1	BT5B1008NPE9000UD010A00	beta/ 5®,version b The ProMinent® beta/5b is a microprocessor-based solenoid-driven diaphragm pump. Stroke length adjustment from 0 - 100%, at a ratio of 10:1. Stroke frequency adjustment in 10% increments, from 0 – 180 strokes per minute. Remote on/off and contact pulse 1:1 are standard. Three LED lights indicate operational status. Fiberglass-reinforced, PPE plastic housing with an IP65 enclosure rating. ProMinent Control Cable is required for external control. Capacity: * 1.66GPH; 6.3L/H * 145PSI; 10BAR Selected Options: * dosing head material: Acrylic * seals: EPDM seals * Liquid end version: with auto-degassing * Connection: Standard (per specifications) * Labeling: standard housing * Logo: with ProMinent logo * Electronic connection: universal 100-240 V * cable and plug: 2m USA 115 V * Relay: without relay * supplies: with accessory kit * control system type: without lock * control version: External analog 0-20mA/4-20mA	1	\$1,161.15	\$1,161.15
1.2	1001302	Universal control cable, 5-pin round plug; 5-wire 30 ft. (10 m)	1	\$78.69	\$78.69



1.3	7749049	SS1-D_FLOOR_050_PVC\EPDM-DEGAS._PD-FM	1	\$3,117.95	\$3,117.95
<p>1/2" PVC/EPDM Dosing System (Auto degassing) PP/PE skid for solenoid driven pumps, (20"W x 18"D x 40"H) 1/2" PVC/EPDM socket weld pipe and fittings Wye strainer 500ml PVC calibration column flow monitors 164ml CPVC/EPDM pulsation dampeners Pressure relief valves Pressure gauge with isolator Back pressure valve Plumbing and components rated at 150 PSI regardless of pump pressure.</p>					

gamma/ X Series

X-tremely clever!

ALL NEW



ProMinent®

The new **gamma/ X** solenoid diaphragm metering pump is an intuitive device for feeding accurate dosages of chemical into water and wastewater processes.

The dynamic control of the solenoid allows both the suction and discharge volumes to be regulated independent of fluid hydraulics and flow.

The **gamma/ X** will automatically measure system backpressure to protect the pump and system piping from overload situations

Features & Benefits

- No manual stroke length adjustment
- Volume adjustment in gph
- Analog, Contact and Batch modes optional
- Integrated system pressure measurement
- Bus interfaces such as Profibus and CANbus
- Bluetooth technology available (consult factory)
- Improved visibility of LED-indicator lights
- Larger illuminated display
- Analog output for stroke length and stroke rate transmission
- Removable base for quick and easy installation

gamma/ X Series

Technical data

Capacity Data												
Pump Version	Capacity at Maximum Backpressure					Max. Stroking Rate Strokes/min	Tubing Connectors O.D. x I.D. in	Suction Lift **		SS Liquid end connections FNPT in	Shipping Weight lbs	
	psig	(bar)	GPH*	(l/h)	ml/stroke			ft	(m)		NP/PV	SS
gamma/ X with standard liquid ends												
1602	232	(16)	0.61	(2.3)	0.19	200	1/4 x 3/16	19.6	(6)	1/4	7.9	9
1604	232	(16)	0.95	(3.6)	0.30	200	1/4 x 3/16	19.6	(6)	1/4	7.9	9
0708	102	(7)	2.0	(7.6)	0.63	200	1/2 x 3/8	19.6	(6)	1/4	8.1	11
0414	58	(4)	3.56	(13.5)	1.17	200	1/2 x 3/8	19.6	(6)	1/4	8.1	11
0220	29	(2)	5.2	(19.7)	1.64	200	1/2 x 3/8	19.6	(6)	3/8	8.1	11
2504	363	(25)	1.0	(3.8)	0.32	200	(8 x 4mm)	19.6	(6)	1/4	10.8	12.1
1009	145	(10)	2.38	(9.0)	0.75	200	1/2 x 3/8	19.6	(6)	1/4	11.2	14.3
0715	102	(7)	3.83	(14.5)	1.21	200	1/2 x 3/8	9.8	(3)	1/4	11.2	14.3
0424	58	(4)	6.34	(24)	2.00	200	1/2 x 3/8	6.5	(2)	3/8	11.2	14.3
0245	29	(2)	11.9	(45)	3.70	200	1/2 x 3/8	6.5	(2)	3/8	11.5	15.4

gamma/ X with auto-degassing liquid ends NPB9/ NPE9												
1602	232	(16)	0.34	(1.30)	0.11	200	1/4 x 3/16	6.9	(2.1)	-	7.9	-
1604	232	(16)	0.63	(2.40)	0.21	200	1/4 x 3/16	8.9	(2.7)	-	7.9	-
0708	101	(7)	1.8	(6.80)	0.57	200	1/2 x 3/8	6.5	(2)	-	8.1	-
0414	58	(4)	3.17	(12)	1.00	200	1/2 x 3/8	6.5	(2)	-	8.1	-
0220	29	(2)	4.75	(18)	1.5	200	1/2 x 3/8	6.5	(2)	-	8.1	-
1009	145	(10)	2.11	(8)	0.67	200	1/2 x 3/8	9.8	(3)	-	11.2	-
0715	101	(7)	3.56	(13.5)	1.00	200	1/2 x 3/8	8.2	(2.5)	-	11.2	-
0424	58	(4)	5.28	(20)	1.67	200	1/2 x 3/8	8.2	(2.5)	-	11.2	-

gamma/ X with auto-degassing liquid ends PVT7												
1602	232	(16)	0.24	(0.9)	0.075	200	1/4 x 3/16	6	(1.8)	-	7.9	-
1604	232	(16)	0.41	(1.55)	0.13	200	1/4 x 3/16	6	(1.8)	-	7.9	-
0708	101	(7)	1.50	(5.7)	0.48	200	1/2 x 3/8	6	(1.8)	-	8.1	-
0414	58	(4)	3.17	(12)	1.00	200	1/2 x 3/8	6	(1.8)	-	8.1	-
0220	29	(2)	4.60	(17.4)	1.45	200	1/2 x 3/8	6	(1.8)	-	8.1	-
1009	145	(10)	1.58	(6.0)	0.50	200	1/2 x 3/8	6	(1.8)	-	11.2	-
0715	101	(7)	3.40	(12.9)	1.08	200	1/2 x 3/8	6	(1.8)	-	11.2	-
0424	58	(4)	5.07	(19.2)	1.60	200	1/2 x 3/8	6	(1.8)	-	11.2	-

gamma/ X metering pumps with high viscosity liquid ends (PVT 4) have a 10 - 20 % lower capacity rating and are not self-priming.

Positive suction is recommended and pumps supplied with 1/2" MNPT connections.

* The given performance data represents guaranteed minimum values, tested using water as the medium at room temperature.

** Suction lift with suction line and dosing head filled, for auto degassing liquid ends with air in the suction line

All data refers to water at 68 °F.

Liquid end materials in contact with media					
	Pump Head	Suction/ discharge valve	Ball seat	Seals	Balls
NPE	Clear acrylic	PVC	EPDM	EPDM	Ceramic
NPB	Clear acrylic	PVC	FKM	FKM	Ceramic
PVT	PVDF	PVDF	PVDF	PTFE	Ceramic
SST	Stainless Steel	Stainless Steel	Ceramic	PTFE	Ceramic

Auto degassing liquid ends in NP with a valve spring of Hastelloy C and PVDF valve insert. PVT7 versions with PVDF / PTFE wetted parts.

Diaphragm with PTFE face.

Permissible ambient temperature: 14 °F to 113 °F | Average power consumption: 25 / 30 W | Degree of protection: IP 65

FKM = fluorine rubber

ProMinent® ProMinent Fluid Controls, Inc.
136 Industry Drive • Pittsburgh, PA 15275 USA
(412) 787-2484 • Fax: (412) 787-0704
email: sales@prominent.us • www.prominent.us

© 2015 ProMinent Fluid Controls, Inc.
All Rights Reserved.

PN: 7750227
gamma_X.indd rev0 12/18/2015

Pre-engineered Systems Single Pump

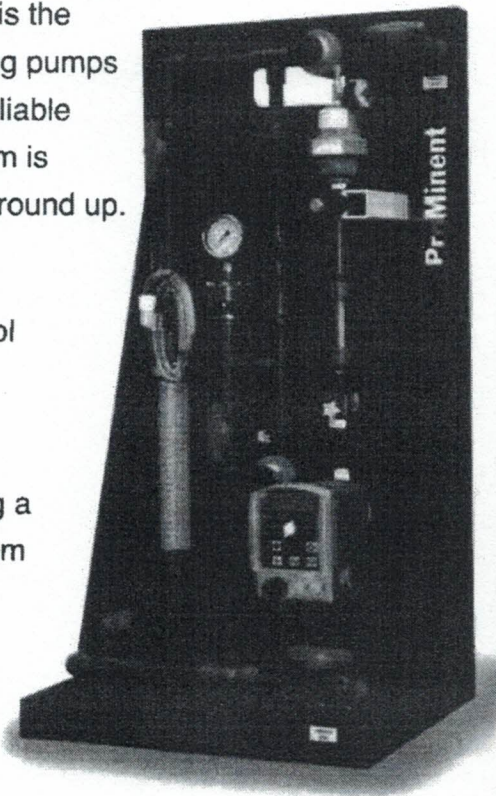
Pre-engineered solutions!

ProMinent® is your sole source provider for complete chemical metering systems. The heart of every system is the metering pump. **ProMinent®** metering pumps are the best engineered and most reliable in the world. In addition, every system is engineered and designed from the ground up.

ProMinent® offers a variety of pre-engineered chemical feed and control systems.

Pre-engineered systems are fully assembled and tested. Guaranteeing a fully functional and high quality system package upon delivery.

Single pump designs accommodate **beta®**, **gamma/ L**, **delta®**, and **sigma series** pumps. Feed rates up to 264 gph (1000 l/h).



Features & Benefits

- Plug & Play for quick and easy installations
- Lead times as short as 1 week
- Designs for handling off-gassing chemicals
- Easy access to pump liquid end for on-site repair and retrofitting
- Optional UL listed and labelled control panels (US)
- Proven design based on 10+ years of experience

ProMinent®

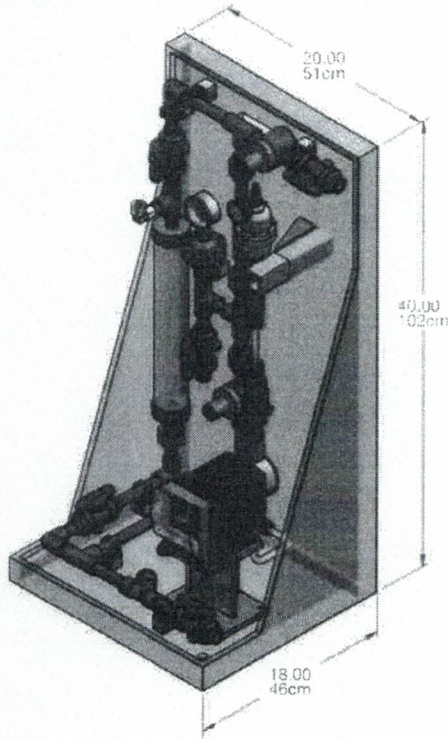
Visit our XTRANET <www.prominentxtranet.com> to:
• sign up for our electronic newsletter
• download literature and manuals
• validate your product warranty

PFS_Single_2010.indd rev1 7/1/2010 (pn: 7750400)

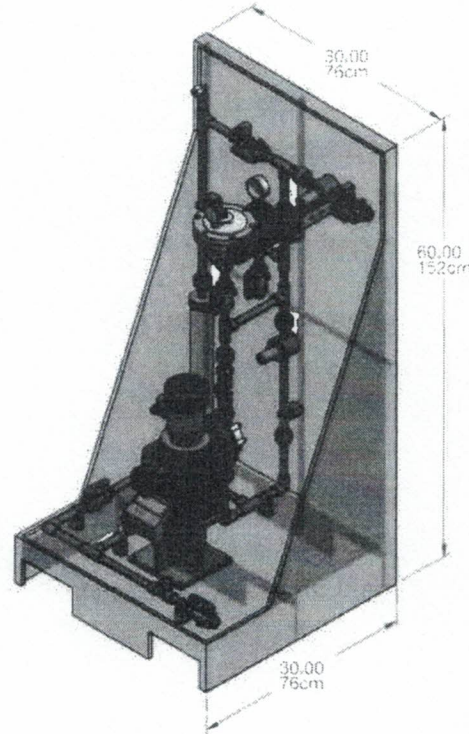
ProMinent®

Pre-engineered Systems Single Pump

Solutions That Work!



SS1: for beta®, gamma/ L, and delta® series pumps
 Drawings depict item #4 described below



MS1: for Sigma/ 1, Sigma/ 2 and Sigma/ 3 series pumps

Standard Skid Packages, Sizes and Material Cnfigurations

Standard Skid Packages:

1. Wye Strainer, Calibration Column, Backpressure Valve, Pressure Relief Valve, Pressure Gauge (motor skids must have dampener)
2. ALL OF THE ABOVE + Flow Monitor
3. ALL OF THE ABOVE + Pulsation Dampener
4. ALL OF THE ABOVE + Flow Monitor & Pulsation Dampeners

Sizes:

- SS2: 1/2" MNPT
- MS2: 1/2" MNPT
3/4" MNPT
1" MNPT
1-1/2" MNPT

Materials:

- PVC/Viton® (socket welded)
- PVC/EPDM (socket welded)
- CPVC/Viton®/Vented (socket welded)
- PVDF/PTFE (fusion welded)

ProMinent®

ProMinent Fluid Controls, Inc. (US)
 136 Industry Drive
 Pittsburgh, PA 15275-1014
 Tel: (412) 787-2484
 Fax: (412) 787-0704
 eMail: sales@prominent.us
 www.prominent.us

ProMinent Fluid Controls Ltd. (Canada)
 490 Southgate Drive
 Guelph, ON N1G 4P5
 Tel: 1-888-709-9933 | (519) 836-5692
 Fax: (519) 836-5226
 eMail: sales@prominent.ca
 www.prominent.ca