

River Pines Public Utility District



REGULAR MEETING

Wednesday, August 9, 2017

ACTION MINUTES

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

2. ROLL CALL/MEMBERS PRESENT:

Director Cathy Landgraf
 Director Rene' Walden-Qualls
 Director Anita Ebbinghausen
 Director Michael Gardner
 Director Richard Miller

Candi Bingham, General Manager
 Gisele Wurzburger, Board Clerk

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

4. AGENDA:

Motion by Board Member Gardner, seconded by Board Member Miller, and carried by a 5 to 0 vote to approve the Regular Agenda dated August 9, 2017 as present. Motion passed by the following vote:

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

5. PUBLIC COMMENT FOR MATTERS NOT ON THE AGENDA:

Nancy Endy inquired if the Board was still seeking the Amador Water Agency to take over the River Pines Public Utility District and if there had been meetings with them to discuss this matter.

Chairman Landgraf recapped there has been no further discussions with the Amador Water Agency and

6. MINUTES:

A. July 5, 2017 Regular Meeting

Motion by Board Member Gardner, seconded by Board Member Miller, and carried by a 5 to 0 vote to approve the Minutes dated July 5, 2017 as presented. Motion passed by the following vote:

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

7. MONTHLY FINANCIAL STATEMENTS - Period Ending July 31, 2017.

Director Walden-Qualls Rene provided a copy of the revised Expenditure Report for the record.

Motion by Board Member Gardner, seconded by Board Member Ebbinghausen, and carried by a 5 to 0 vote to approve the Financial Statements ending July 31, 2017 as amended. Motion passed by the following vote:

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

8. EXPENDITURE REPORT: Submitted Check Approval through July 31, 2017.

Motion by Board Member Miller, seconded by Board Member Ebbinghausen, and carried by a 5 to 0 vote to approve the Expenditure Report ending July 31, 2017 as presented. Motion passed by the following vote:

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

9. MONTHLY OPERATIONS REPORT: Discussion.

A. Monthly Operations Report.

The report included updates from AWA staff, construction, wastewater and water – see report for complete details.

July Water Production/Sold Information:

| | |
|---------------------------|------------------------------------|
| Well 2 - 722,000 gallons | Total Produced - 1,490,266 gallons |
| Well 3R - 737,800 gallons | Total Sold - 1,060,011 gallons |
| Well 6R - 30,466 gallons | Total Lost - 28% |

B. Monthly General Manager Report.

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

10. BOARD MATTERS:

For the record: Action minutes provide the necessary documentation of Board actions audio recordings are retained for those desiring more detail on agenda item discussion. These audio recordings provide an accurate and comprehensive backup of the Board deliberations and citizen discussion.

For the record: Several members of the public spoke and signed in, however due to the illegible signatures only those names that were legible names were included.

a. Purchase meter boxes for those meters that do not have one - discussion/action.

After considerable discussion among the Board and staff, staff was instructed to get an estimate for cost and installation labor for the purchase of 4 to 5 Plastic and Concrete Meter Boxes as recommended by Amador Water Agency.

b. PG&E street light replacement - discussion/action.

PG&E owns and maintains the lighting in River Pines. The River Pines Public Utility pays the cost of the electricity for this lighting. PG&E contacted General Manager Bingham to upgrade these street lights from cobra-head high pressure sodium vapor to more efficient LED fixtures. They request input as to whether the District wants to take advantage of the “no cost” upgrade and whether to upgrade all locations or just specific locations.

Note to record: Kristen Silva’s email provided in the agenda packet, states PG&E would complete an inventory of all streetlights in the service territory and would provide this list and map of the District’s lights for review prior to rolling this program out.

Chairman Landgraf opened the public discussion. The following individuals spoke Rocky Raymond, Hal Jones, Brent Stewart and Nancy Endy. Hearing no further comments from the public, Chairman Landgraf closed the public discussion.

After considerable discussion among the Board and staff, staff was instructed to follow up with PG&E with regards to the information provided in the email from Kristen Silva, LCE Electric Outreach.

c. Cancel Worker's Comp Policy - discussion/action.

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

After considerable discussion among the Board and staff the following motion was made:

Motion by Board Member Gardner, seconded by Board Member Miller, and carried by a 5 to 0 vote to cancel the Worker's Comp Policy. Motion passed by the following vote:

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

d. Continued Item - Structuring of the River Pines Garden Club - discussion/action.

John Reneit, River Pines Garden Club requested this item be continued pending further review of the River Pines Community Garden – Rules & Responsibilities that was provided for discussion.

Chairman Landgraf continued this item to a future agenda pending the River Pines Garden Club’s review of the provided document.

e. District to purchase and maintain their own SCADA system - discussion/action.

Information for 10e. was not included in the Agenda Packet. For transparency, the Minutes includes detailed information and rational for the purchase and maintain of District owned SCDA system provided by General Manager Bingham and Damon Wyckoff, Amador Water Agency.

General Manager Bingham reported that the Amador Water Agency (AWA) had informed staff that the SCADA work performed by Brent Stewart was incomplete. On September 14, 2016, a check was issued to Brent Stewart in the amount of \$9,992.00 for invoice 3012, which was for the completion of the Waste Plant Sprinkler Control Upgrade. Mr. Stewart was informed by a letter dated August 7, 2017 that it had been brought to the attention of the District the Waste Plant Sprinkler Control Upgrade was never completed. That the District had been invoiced and that he had been paid in full for the completion of the Waste Plant Sprinkler Control Upgrade in accordance of the proposal.

The following items from said proposal have not been provided to the District:

1. Alarm text to Operator if the flow rate drops below setpoint.
2. Rain Sensor – Dry delay hours.
3. Daily Start Time Setpoint
4. Pumps 1 and 2 Manual/Off/Automatic Mode Switches.
5. Gallons per zone setting.
6. Total Gallons sprayed for the current month.
7. SCADA monthly report, gallons per day and monthly gallons per current month.

The letter also stated the River Pines Public Utility District was requesting that these items be completed upon receipt of said notice dated August 7, 2017. If not completed the District would request reimbursement for invoice 3012 immediately. Also upon completion it was requested that Mr. Stewart contact Patrick Purnell with the AWA to confirm the completion per his proposal dated January 6, 2016.

General Manager Bingham provided the following cost breakdown from Damon Wyckoff, AWA to facilitate a complete transition away from Brent Stewart and Rocky Ridge Services. Total Cost: \$25,200

1. Site Radios (Tank Sites, Lift Stations, etc.) \$10,000.
2. Master Radio and Licensing (Wireless Internet to River Pines Sites – mounted on the Mt. Aukum Tower). \$10,000.
3. Ray Morgan Pro IT (Secure Firewall) \$3,000.
4. Wonderware SCADA integration services (to integrate SCADA into AWA's System at Tanner) \$2,500.
5. Purchase of existing computer that houses SCADA from Brent Stewart (should he be willing to sell \$200).

Motherlode Internet would install the radios and maintain the wireless internet connection for free which would eliminate the \$1,000 monthly charge for Internet services. In exchange, Motherlode will also use wireless internet to provide service to any potential customers. SCADA would then be housed at the AWA Tanner site. Should the District decide to sever ties with AWA at some point in the future, the District would need to purchase a computer to house SCADA at the District's office. AWA is posed to transition to this mode of providing SCADA services and internet access to RPPUD from the Tanner site should RPPUD no longer have a relationship with Brent Stewart. The Agency requests RPPUD provide a 30-day transition timeline to allow for a smooth transition.

General Manager Bingham reported that the Wonderware SCADA license used by Mr. Stewart for the RPPUD SCADA system since 2009 belonged to the Amador Water Agency. AWA requests Mr. Stewart turn over the Wonderware SCADA system to the District.

Brent Stewart stated these are serious allegations and agreed he should have contacted AWA regarding the use of their Wonderware SCADA password key. He noted he owns two copies of Wonderware and his key did not work and because he worked for AWA years ago he used their key. He stated this situation was an oversight on his part he did not know Waste Plant Sprinkler Control Upgrade had not been completed and asked for forgiveness. He stated if this upgrade is completed could this matter be settled out of court. He stated he would turn over the Wonderware SCADA system at a fair market value in the amount of \$10,000, which does not include the radios.

Chairman Landgraf reiterated the Wonderware SCADA license used by Mr. Stewart for the RPPUD SCADA system belonged to the Amador Water Agency. AWA has requests Mr. Stewart turn over the Wonderware SCADA system to the District.

Chairman Landgraf opened the public discussion. The following individuals spoke Shirley Jones, Nancy Endy and other members of the public. Hearing no further comments from the public, Chairman Landgraf closed the public discussion.

After considerable discussion among the Board and staff the following motion was made:

Motion by Board Member Gardner, seconded by Board Member Ebbinghausen, and carried by a 5 to 0 vote to approve AWA Proposal in the amount of \$25,200 which includes the following items:

1. **Site Radios (Tank Sites, Lift Stations, etc.) \$10,000.**
2. **Master Radio and Licensing (Wireless Internet to River Pines Sites – mounted on the Mt. Aukum Tower). \$10,000.**
3. **Ray Morgan Pro IT (Secure Firewall) \$3,000.**
4. **Wonderware SCADA integration services (to integrate SCADA into AWA's System at Tanner) \$2,500.**
5. **Purchase of existing computer that houses SCADA from Brent Stewart (should he be willing to sell \$200.**

Motion passed by the following vote:

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

f. Update on Waste Plant Water Balance Study – Discussion

General Manager Bingham reported the District received a citation following the 2017 winter storms due to excessive discharge from the sewer ponds. The excessive discharge took place because the sewer ponds were not lowered to proper levels prior to November 2016 as required by the WDR's. Part of the citation required that RPPUD hire an engineer to conduct a Balance Water Report. Following submission of the Water Balance Study the Central Valley Regional Water Quality Control Board (CVRWQCB) is requiring that the District install monitoring wells. Currently they are only requiring a written plan on how the District will complete this task.

Damon Wyckoff, Amador Water Agency and Engineer Jesse Shaw will be working together to create this plan and submittal to CVRWQCB. The plan will most likely be written to have once monitoring well installed yearly over the next five years or so. It is estimated there will be a need for approximately 3 or 4 monitoring well for approximately \$20,000 per well. An engineer will be needed to conduct a study as to how many wells and their locations. The estimated budget impact is \$60,000 - \$90,000 over a five-year period.

The Board was provided a copy of the following documents:

1. Engineer Jesse Shaw's email regarding the Pilot Study/Monitoring Wells.
2. Kenny Croyle's email regarding the Pilot Study/Monitoring Well Installation Plan.
3. Water Balance Report dated June 2017.
4. Work Plan and Operation & Maintenance Plan dated July 14, 2017.

No action taken informational only.

g. Update on Bylaws – Discussion.

Director Walden-Qualls reported she continues to work on the update of the Bylaws and Administrative Policies. Board Clerk noted that special districts adopt policies and a good reference would be the California Special District Association. Reviewing the District's Ordinances and Resolution should provide additional assistance. No action taken information only.

h. Account # 65-010 is asking board to waive charges for stolen water - discussion/action.

General Manager Bingham reported Account #651010 requested this item to be place on the agenda for consideration to waive charges for stolen water. A copy of this account's usage from April 2015 thru July 2017.

Chairman Landgraf opened the public discussion. The following individual spoke Nancy Endy against this waiver. Hearing no further comments from the public, Chairman Landgraf closed the public discussion.

After considerable discussion among the Board and staff the following motion was made:

Motion by Board Member Gardner, seconded by Board Member Landgraf, and carried by a 5 to 0 vote to deny Account #65-010's request to waive charges for stolen water. Motion passed by the following vote:

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

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

A. Capital Improvements and general repairs necessary at the District. No comments this item continued.

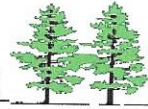
12. COMMITTEE COMMENTS/REPORTS: None

13. FUTURE AGENDA TOPICS: Nine.

14. ADJOURNMENT: The meeting adjourned at 7:50 p.m.

Respectively submitted,
Gisele Wurzburger, Board Clerk

River Pines Public Utility District
SPECIAL MEETING



Wednesday, August 9, 2017
ACTION MINUTES

1. CALL TO ORDER: The meeting was called to order by Chairman Landgraf at 4:30 p.m.

2. ROLL CALL/MEMBERS PRESENT:

Director Cathy Landgraf
Director Rene' Walden-Qualls
Director Michael Gardner
Director Richard Miller

Candi Bingham, General Manager
Gisele Wurzburger, Board Clerk

Director Anita Ebbinghausen arrived late.

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

4. AGENDA:

Director Walden-Qualls Rene requested the agenda be revised to include the following statement:

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.

Motion by Board Member Gardner, seconded by Board Member Walden-Qualls, and carried by a 5 to 0 vote to approve Agenda dated August 9, 2017 as amended. Motion passed with the following vote

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

5. CLOSED SESSION:

A. Conference regarding Personnel Matters - General Manager (pursuant to Government Code section 54957.6.)

Closed session closed 5:20 p.m. Board Chair Landgraf reconvened to open session. The following action was taken:

Motion by Board Member Miller, seconded by Board Member Gardner, and carried by a 5 to 0 vote to approve the General Manager's proposal to continue to do all the projects and office work by telecommuting from her home office as presented less \$150.00 (cost AWA pickup payments). Motion passed with the following vote:

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

6. ADJOURNMENT 5:20 pm

River Pines Public Utility District
Balance Sheet
As of August 31, 2017

| | Aug 31, 17 |
|-----------------------------------|---------------------|
| ASSETS | |
| Current Assets | |
| Checking/Savings | |
| Bank Accounts | |
| El Dorado Checking | 40,338.12 |
| El Dorado Checking-5866 SRAFPF | 0.46 |
| El Dorado Checking - 3101 Laif | 813.14 |
| El Dorado Savings - Deposits | 28,832.33 |
| El Dorado Savings - DWSRF 7714 | 53.67 |
| Total Bank Accounts | 70,037.72 |
| California Bank & Trust - Water | 18,657.44 |
| Change Till | 75.00 |
| LAIF Investment Fund - Sewer | 296,817.07 |
| Total Checking/Savings | 385,587.23 |
| Accounts Receivable | |
| 11000 · Accounts Receivable | 64,774.44 |
| Total Accounts Receivable | 64,774.44 |
| Other Current Assets | |
| 12000 · Undeposited Funds | -4,643.44 |
| Total Other Current Assets | -4,643.44 |
| Total Current Assets | 445,718.23 |
| Fixed Assets | |
| Accumulated Depreciation | -1,015,908.00 |
| Fixed Assets | |
| Building - Sewer | 3,139.93 |
| Building - Water | 80,441.78 |
| Equipment - Sewer | 42,219.85 |
| Equipment - Water | 104,650.92 |
| Land - Sewer | 1,952.12 |
| Land - Water | 13,310.51 |
| Office Equipment - Sewer | 4,676.99 |
| Office Equipment - Water | 5,115.26 |
| System - Sewer | 603,941.83 |
| System - Water | 792,643.61 |
| Total Fixed Assets | 1,652,092.80 |
| Work In Progress - SRAFPF | 28,253.57 |
| Total Fixed Assets | 664,438.37 |
| Other Assets | |
| Utility Encroachment - Deposit | 828.18 |
| Total Other Assets | 828.18 |
| TOTAL ASSETS | 1,110,984.78 |
| LIABILITIES & EQUITY | |
| Liabilities | |
| Current Liabilities | |
| Accounts Payable | |
| 20000 · Accounts Payable | 3,273.33 |
| Total Accounts Payable | 3,273.33 |
| Other Current Liabilities | |
| Payroll Taxes | -6,352.38 |
| Security Deposits - 50/50 W/S | 3,533.15 |

River Pines Public Utility District
Balance Sheet
As of August 31, 2017

| | <u>Aug 31, 17</u> |
|---------------------------------------|---------------------|
| Total Other Current Liabilities | -2,819.23 |
| Total Current Liabilities | 454.10 |
| Long Term Liabilities | |
| Bank & Trust - Water | 85,500.00 |
| Deferred Grant Income | 28,252.50 |
| Total Long Term Liabilities | 113,752.50 |
| Total Liabilities | 114,206.60 |
| Equity | |
| 32000 · Retained Earnings | 1,000,531.84 |
| Net Income | -3,753.66 |
| Total Equity | 996,778.18 |
| TOTAL LIABILITIES & EQUITY | 1,110,984.78 |

River Pines Public Utility District
Profit & Loss by Class
August 2017

| | Sewer | Water | TOTAL |
|--|-----------|-----------|-----------|
| Ordinary Income/Expense | | | |
| Income | | | |
| Amador County Auditor's Warrant | | | |
| Direct Charges - Tax Roll | 3,998.36 | 3,998.37 | 7,996.73 |
| Secured Appointment | 0.00 | 3.50 | 3.50 |
| Total Amador County Auditor's Warrant | 3,998.36 | 4,001.87 | 8,000.23 |
| Base Fee Income | | | |
| Sewer | 10,896.41 | 0.00 | 10,896.41 |
| Stanby | 355.00 | 355.00 | 710.00 |
| Voluntary Lock-Off | 140.00 | 140.00 | 280.00 |
| Water | 0.00 | 10,342.23 | 10,342.23 |
| Total Base Fee Income | 11,391.41 | 10,837.23 | 22,228.64 |
| Interest Income | 0.73 | 1.83 | 2.56 |
| Town Hall Rental | 95.00 | 95.00 | 190.00 |
| Variable Income | | | |
| Door Hanger Fee | 0.00 | 119.00 | 119.00 |
| Late Fees | 322.70 | 322.70 | 645.40 |
| Reconnection Fee | 0.00 | 60.00 | 60.00 |
| Service Connection Fee | 32.86 | 32.89 | 65.75 |
| Water - Usage | 0.00 | 5,188.94 | 5,188.94 |
| Total Variable Income | 355.56 | 5,723.53 | 6,079.09 |
| Total Income | 15,841.06 | 20,659.46 | 36,500.52 |
| Gross Profit | 15,841.06 | 20,659.46 | 36,500.52 |
| Expense | | | |
| Board Members | | | |
| Stipends | 300.00 | 300.00 | 600.00 |
| Total Board Members | 300.00 | 300.00 | 600.00 |
| 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 |
| Employees | | | |
| Amador Water - Weekend Coverage | 726.00 | 726.00 | 1,452.00 |
| Medical Insurance | | | |
| Field | 463.89 | 463.89 | 927.78 |
| Total Medical Insurance | 463.89 | 463.89 | 927.78 |
| Total Employees | 1,189.89 | 1,189.89 | 2,379.78 |
| Sewer Expenses | | | |
| Alarm Monitoring | 700.00 | 0.00 | 700.00 |
| Electricity - Sewer | 1,630.57 | 0.00 | 1,630.57 |
| Sewer - Parts/Supplies | 380.27 | 0.00 | 380.27 |
| Sm. Tools | 357.47 | 0.00 | 357.47 |
| Testing - Sewer | 136.00 | 0.00 | 136.00 |
| Total Sewer Expenses | 3,204.31 | 0.00 | 3,204.31 |
| Town Hall Expenses | | | |
| Janitorial | 80.00 | 80.00 | 160.00 |
| Total Town Hall Expenses | 80.00 | 80.00 | 160.00 |
| Water Expenses | | | |
| Alarm Monitoring | 0.00 | 300.00 | 300.00 |
| Consulting - Engineer | 1,485.00 | 0.00 | 1,485.00 |
| Electricity - Water | 0.00 | 1,529.10 | 1,529.10 |

River Pines Public Utility District
Profit & Loss by Class
August 2017

| | Sewer | Water | TOTAL |
|--|------------------|------------------|------------------|
| Water Testing | 0.00 | 345.00 | 345.00 |
| Total Water Expenses | 1,485.00 | 2,174.10 | 3,659.10 |
| 64900 · Office Expenses | | | |
| Postage/Shipping | 73.50 | 73.50 | 147.00 |
| Software | 7.49 | 7.50 | 14.99 |
| Total 64900 · Office Expenses | 80.99 | 81.00 | 161.99 |
| 66700 · Professional Fees | | | |
| Legal Fees | 699.00 | 699.00 | 1,398.00 |
| Security Service/Maintenance | 140.00 | 140.00 | 280.00 |
| Total 66700 · Professional Fees | 839.00 | 839.00 | 1,678.00 |
| 68600 · Utilities | | | |
| Disposal | 40.06 | 40.06 | 80.12 |
| Electricity - Office | 0.00 | 23.62 | 23.62 |
| Electricity - Town Hall | 23.61 | 0.00 | 23.61 |
| Electricity - Street Lights | 84.64 | 84.65 | 169.29 |
| Internet | 85.00 | 85.00 | 170.00 |
| 68100 · Telephone - Office | 30.18 | 30.19 | 60.37 |
| Total 68600 · Utilities | 263.49 | 263.52 | 527.01 |
| Total Expense | 10,009.34 | 7,494.19 | 17,503.53 |
| Net Ordinary Income | 5,831.72 | 13,165.27 | 18,996.99 |
| Other Income/Expense | | | |
| Other Income | | | |
| Wireless Site Lease | 250.00 | 250.00 | 500.00 |
| Total Other Income | 250.00 | 250.00 | 500.00 |
| Net Other Income | 250.00 | 250.00 | 500.00 |
| Net Income | 6,081.72 | 13,415.27 | 19,496.99 |

River Pines Public Utility District
Account QuickReport-Board Meetings
 As of September 1, 2017

AGENDA ITEM 9

| Type | Date | Num | Name | Memo | Amount | Balance |
|---------------------------|------------|-------|---------------------------|--|-----------|-----------|
| Bank Accounts | | | | | | |
| El Dorado Checking | | | | | | |
| Bill Pmt -Check | 07/31/2017 | 12753 | AT&T - Sewer | 209 245-3984 701 9 | | 30,513.69 |
| Bill Pmt -Check | 07/31/2017 | 12754 | Brent Stewart, P.E. | Alarm Monitoring | -83.08 | 30,513.69 |
| Bill Pmt -Check | 07/31/2017 | 12755 | California Bank & Trust | 1030264749 | -1,000.00 | 30,430.61 |
| Bill Pmt -Check | 07/31/2017 | 12759 | Olvarez Madruga Lemieu... | June - Legal | -890.00 | 29,430.61 |
| Bill Pmt -Check | 07/31/2017 | 12760 | PG&E - Street Lights | 7368064062-7 | -199.00 | 28,540.61 |
| Bill Pmt -Check | 07/31/2017 | 12761 | Ragg Mopp Janitorial | July - Town Hall Services | -169.30 | 28,341.61 |
| Bill Pmt -Check | 07/31/2017 | 12764 | Staples | Print - Consumer Confidence Report... | -240.00 | 27,932.31 |
| Bill Pmt -Check | 07/31/2017 | 12765 | USA North 811 | 811 Dig | -99.04 | 27,833.27 |
| Bill Pmt -Check | 07/31/2017 | 12767 | AT&T - Water | 209 245-4011 722 0 | -155.60 | 27,677.67 |
| Check | 07/31/2017 | debit | Anthem Blue Cross | 208217 - Plant Operator Health Insu... | -927.78 | 27,592.10 |
| Deposit | 07/31/2017 | | | Interest | 0.62 | 26,664.94 |
| Bill Pmt -Check | 08/01/2017 | 12751 | Amador Water Agency | 30018 | -702.00 | 25,962.94 |
| Bill Pmt -Check | 08/01/2017 | 12752 | Anita Ebbinghausen | August 2017 - Stipend | -75.00 | 25,887.94 |
| Bill Pmt -Check | 08/01/2017 | 12756 | Candi Bingham | August Services | -2,416.67 | 23,471.27 |
| Bill Pmt -Check | 08/01/2017 | 12757 | Cathy Landgraf | August 2017 - Stipend | -75.00 | 23,396.27 |
| Bill Pmt -Check | 08/01/2017 | 12758 | Michael Gardner | August 2017 - Stipend | -75.00 | 23,321.27 |
| Bill Pmt -Check | 08/01/2017 | 12762 | Rene Walden-Qualls | August 2017 - Stipend | -75.00 | 23,246.27 |
| Bill Pmt -Check | 08/01/2017 | 12763 | Richard Miller | August 2017 - Stipend | -75.00 | 23,171.27 |
| Bill Pmt -Check | 08/01/2017 | 12766 | Amador Water Agency | 30018 | -9,657.30 | 13,513.97 |
| Bill Pmt -Check | 08/01/2017 | 12768 | Mission IT Solutions | Services for August 2017 | -280.00 | 13,233.97 |
| Check | 08/02/2017 | eft | Rocky Ridge Wireless | Office Internet | -170.00 | 13,063.97 |
| Check | 08/03/2017 | debit | Northern Tool & Equipment | Chain Hoist - For Sewer Pumps | -357.47 | 12,706.50 |
| Deposit | 08/04/2017 | | | Deposit | 236.00 | 12,942.50 |
| Check | 08/07/2017 | eft | Adobe PDF | Deposit | 127.16 | 13,069.66 |
| Deposit | 08/08/2017 | | | Deposit | -14.99 | 13,054.67 |
| Bill Pmt -Check | 08/09/2017 | 12769 | Aces Waste Services, Inc. | Deposit | 339.00 | 13,393.67 |
| Bill Pmt -Check | 08/09/2017 | 12770 | Anthem Blue Cross | 1175 | -80.12 | 13,313.55 |
| Bill Pmt -Check | 08/09/2017 | 12771 | Candi Bingham | 208217 | -927.78 | 12,385.77 |
| Bill Pmt -Check | 08/09/2017 | 12772 | Gisele L. Wurzbarger | August 2017 | -2,416.67 | 9,969.10 |
| Bill Pmt -Check | 08/09/2017 | 12773 | PG&E - Water 2 | Board Clerk - August 2017 | -300.00 | 9,669.10 |
| Bill Pmt -Check | 08/09/2017 | 12774 | PG&E - Sewer | 2458584137-2 | -1,222.41 | 8,446.69 |
| Bill Pmt -Check | 08/09/2017 | 12774 | PG&E - Sewer | 8721806002-5 | -1,630.57 | 6,816.12 |
| Bill Pmt -Check | 08/09/2017 | 12775 | PG&E - Water | 3357284549-4 | -306.69 | 6,509.43 |
| Bill Pmt -Check | 08/09/2017 | 12776 | PG&E - Office/Town Hall | 6898952032-2 | -47.23 | 6,462.20 |
| Check | 08/09/2017 | debit | Herold & Mielenz, Inc. | 1 Motor - Waste Water Treatment Pl... | -380.27 | 6,081.93 |
| Deposit | 08/09/2017 | | | Deposit | 691.00 | 6,772.93 |
| Deposit | 08/09/2017 | | | Deposit | 158.57 | 6,931.50 |
| Deposit | 08/10/2017 | | | Deposit | 21,201.58 | 28,133.08 |
| Deposit | 08/17/2017 | | | Deposit | 6,815.27 | 34,948.35 |
| Deposit | 08/21/2017 | | | Deposit | 559.37 | 35,507.72 |
| Deposit | 08/22/2017 | | | Deposit | 159.20 | 35,666.92 |
| Deposit | 08/23/2017 | | | Deposit | 503.33 | 36,170.25 |
| Deposit | 08/23/2017 | | | Deposit | 553.03 | 36,723.28 |
| Deposit | 08/23/2017 | | | Deposit | 132.70 | 36,855.98 |
| Deposit | 08/24/2017 | | | Deposit | 7,608.12 | 44,464.10 |
| Deposit | 08/28/2017 | | | Deposit | 452.46 | 44,916.56 |
| Check | 08/28/2017 | eft | RingCentral | Office Phone | -60.37 | 44,856.19 |

River Pines Public Utility District Account QuickReport-Board Meetings As of September 1, 2017

| Type | Date | Num | Name | Memo | Amount | Balance |
|--------------------------|------------|-------|--------------------------------|--|-----------------|------------------|
| Deposit | 08/30/2017 | | | Deposit | 252.84 | 45,109.03 |
| Bill Pmt -Check | 08/31/2017 | 12777 | Brent Stewart, P.E. | Monitoring - July 2017 | -1,000.00 | 44,109.03 |
| Bill Pmt -Check | 08/31/2017 | 12778 | california Laboratory Services | Testing - July 2017 | -481.00 | 43,628.03 |
| Bill Pmt -Check | 08/31/2017 | 12779 | Law Office of Wayne Lemi... | July 2017 Retainer | -199.00 | 43,429.03 |
| Bill Pmt -Check | 08/31/2017 | 12780 | Olivarez Madruga Lemieu... | | -199.00 | 43,230.03 |
| Bill Pmt -Check | 08/31/2017 | 12781 | PG&E - Street Lights | 7368064062-7 | -169.29 | 43,060.74 |
| Bill Pmt -Check | 08/31/2017 | 12782 | Ragg Mopp Janitorial | Final Invoice - Notice to End Service... | -160.00 | 42,900.74 |
| Bill Pmt -Check | 08/31/2017 | 12783 | Toma & Associates, Inc. | Re: Pilot Study/Monitoring Wells | -1,485.00 | 41,415.74 |
| Bill Pmt -Check | 08/31/2017 | 12791 | Jackson Lewis P.C | Legal - Deductible Personnel | -1,000.00 | 40,415.74 |
| Bill Pmt -Check | 08/31/2017 | 12792 | Amador Water Agency | 30018 | -750.00 | 39,665.74 |
| Bill Pmt -Check | 08/31/2017 | 12793 | Elisa Raffovi | Refund - Town Rental Cleaning Dep... | -100.00 | 39,565.74 |
| Deposit | 08/31/2017 | | | Deposit | 726.89 | 40,292.63 |
| Deposit | 08/31/2017 | | | Deposit | 191.92 | 40,484.55 |
| Check | 08/31/2017 | debit | USPS | Postage | -147.00 | 40,337.55 |
| Deposit | 08/31/2017 | | | Interest | 0.57 | 40,338.12 |
| Bill Pmt -Check | 09/01/2017 | 12784 | Anita Ebbinghausen | Sept. 2017 Stipend | -75.00 | 40,263.12 |
| Bill Pmt -Check | 09/01/2017 | 12785 | California Bank & Trust | 1030264749 | -890.00 | 39,373.12 |
| Bill Pmt -Check | 09/01/2017 | 12786 | Candi Bingham | September 2017 Services | -2,416.67 | 36,956.45 |
| Bill Pmt -Check | 09/01/2017 | 12787 | Cathy Landgraf | Sept. 2017 Stipend | -75.00 | 36,881.45 |
| Bill Pmt -Check | 09/01/2017 | 12788 | Michael Gardner | Sept. 2017 Stipend | -75.00 | 36,806.45 |
| Bill Pmt -Check | 09/01/2017 | 12789 | Rene Walden-Qualls | Sept. 2017 Stipend | -75.00 | 36,731.45 |
| Bill Pmt -Check | 09/01/2017 | 12790 | Richard Miller | Sept. 2017 Stipend | -75.00 | 36,656.45 |
| Total El Dorado Checking | | | | | 6,142.76 | 36,656.45 |
| Total Bank Accounts | | | | | 6,142.76 | 36,656.45 |
| TOTAL | | | | | 6,142.76 | 36,656.45 |

River Pines Dept. Report

August Water Production/Sold

| | |
|--------------------------|-----------------------------------|
| Well 2: 702,700 gallons | Total Produced: 1,325,756 gallons |
| Well 3R: 598,700 gallons | Total Sold: 960,633 gallons |
| Well 6R: 24,356 gallons | Total Lost: 27.6 % |

Admin Assist III-

- Completed August monthly reporting for water and wastewater.
- Attended annual inspection with Treatment operator and Division of Drinking Water Regulator.
- Completed and submitted response to annual inspection to Division of Drinking Water and River Pines PUD.
- Completed triennial lead and copper testing. Lead was non-detect and copper was 130 Ug/L which is way below the MCL of 1300 Ug/L.

Wastewater-

- Influent flow: 827,200 gallons Effluent Discharged: 630,000 gallons

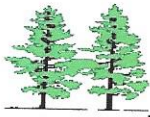
Water-

- Attended annual inspection of River Pines facilities
- Completed routine sampling for August
- Total rebuild of chlorine analyzer at Well 2/3R

Distribution- Dropped and picked up lead and copper bottles for triennial sampling

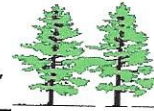
Electrical/Instrumentation-

- WWTP- Motor overload protectors failed. Installed new ones.
- WWTP- Emergency pump installed at sprayfield pond
- WWTP- Installed and wired new mixer motor at treatment pond
- WTP- Failed turbidimeter at Well 6R repaired
- Installed network firewall
- Worked on SCADA System



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



AGENDA ITEM 10B

GENERAL MANAGER'S REPORT

For the Month of: August 2017

1. Submitted monthly payment request for DWSRF Grant
2. Income Survey Update – Touched base with Kim Strong (RCAC) – still waiting to receive “Work Plan”
3. Submitted a request for an extension on DWSRF Grant – received extension from state. Grant extended six months – Work Completion Date March 2018
4. Conference Call with Pete Stamos, Jack Scroggs, Buphinder Sahota regarding the Distribution Plans – see Agenda Item 11b
5. Site Inspection – Dave Remick (State Water Resource Board) – Dave is now retired. River Pines state person is now Rakel Haribedian
6. Working on Office Manual
7. Order New Master Locks for facilities
8. Weekly Bank Deposits
9. Monthly Service Billing
10. Monthly Late Notices
11. Monthly 48 Hour Notices
12. Agenda & Packets

Prices include install

Multi-Use Shedrow (MUS)



9x21 MUS * 6' storage room standard feature



12x30 with optional stall divider and 3x3 window

Multi-Use Shedrow

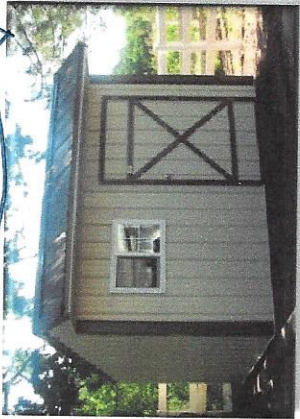
(In-Install)

| Sizes | Prices | Sizes | Prices |
|-------|---------|-------|---------|
| 9x12 | \$2,845 | 12x12 | \$3,575 |
| 9x15 | \$3,345 | 12x15 | \$4,195 |
| 9x18 | \$3,775 | 12x18 | \$4,695 |
| 9x21 | \$4,275 | 12x21 | \$5,225 |
| 9x24 | \$4,795 | 12x24 | \$5,715 |
| 9x27 | \$5,175 | 12x27 | \$6,345 |
| 9x30 | \$5,675 | 12x30 | \$6,995 |
| 9x36 | \$6,745 | 12x36 | \$8,245 |

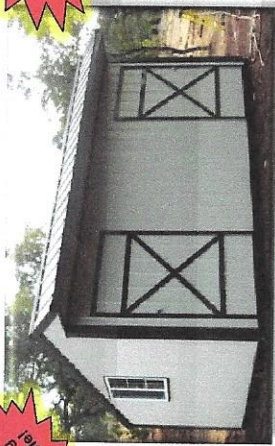
Smaller and larger sizes available

Our customers' storage and shelter demands can vary greatly, so we customize our basic structures to meet their needs. Our customers have extended the overhang, added double doors, Dutch doors, full enclosures, enlarged/removed the storage room in the MUS, put in hay hatches, gates, etc. Whether it's for a pump house, tree house, chicken coop, observatory or 36x36 barn, don't hesitate to inquire about a design that would work best for you. See our website for pictures of customized structures.

Saltbox Shed



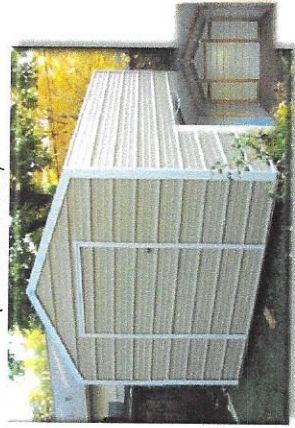
9x12 Saltbox * Window option not included



12x18 with optional 2nd door and 3x3 window

The Basic Shed

(10x12 shown)



BIG on space, EASY on the BUDGET!

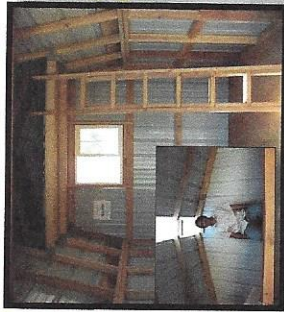
Only

\$1,995!

Gambrel Barn



9x12 Gambrel Barn



Interior of 9x12 Gambrel Barn with optional loft, ladder and window. Inset - loft in 12x

Saltbox Shed & Gambrel Barn

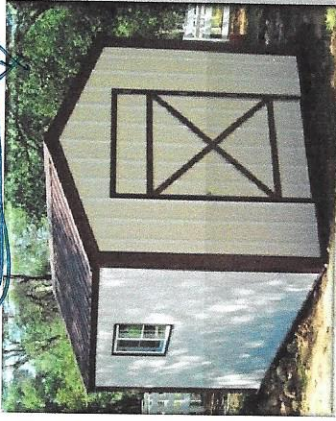
(In-Install)

| Sizes | Prices | Sizes | Prices |
|-------|---------|-------|---------|
| 9x8 | \$2,425 | 12x10 | \$4,395 |
| 9x10 | \$2,825 | 12x12 | \$4,695 |
| 9x12 | \$3,145 | 12x14 | \$4,995 |
| 9x14 | \$3,795 | 12x16 | \$5,195 |
| 9x16 | \$4,095 | 12x18 | \$5,695 |
| 9x18 | \$4,395 | 12x20 | \$6,095 |
| 9x20 | \$4,845 | 12x22 | \$6,595 |
| 9x22 | \$5,095 | 12x24 | \$7,025 |

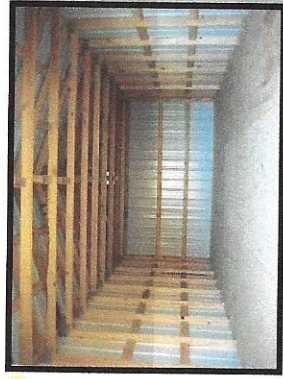
Smaller and larger sizes available

The design of the Gambrel roof maximizes storage volume with loft space (2' high in the 9x and 4' high in the 12x's.)

Gable Shed



9x12 Gable Shed * Window option not included



Interior of 12x20 Gable Shed with optional snow load truss

Gable Shed

(In-Install)

| Sizes | Prices | Sizes | Prices |
|-------|---------|-------|---------|
| 9x8 | \$2,145 | 12x10 | \$3,275 |
| 9x10 | \$2,475 | 12x12 | \$3,645 |
| 9x12 | \$2,695 | 12x14 | \$4,025 |
| 9x14 | \$3,075 | 12x16 | \$4,295 |
| 9x16 | \$3,395 | 12x18 | \$4,695 |
| 9x18 | \$3,695 | 12x20 | \$4,995 |
| 9x20 | \$3,945 | 12x22 | \$5,395 |
| 9x22 | \$4,195 | 12x24 | \$5,645 |

Smaller and larger sizes available

The Gable Shed's taller walls accommodate multiple shelves and/or hanging equipment.

(+ window = 275) 2,970

Financing available!

Financing available!

Financing available!

Financing available!

Construction Specifications

Multi-Use (MUS); Gambrel Barn (Barn); Gable Shed (Shed)

Floors:

- 3 or 4 - 4x6 pressure-treated skids leveled on concrete blocks
- 2x4 joists, 2' on center
- 3/4" exterior-grade plywood (not OSB)

Walls:

- Barn & Shed: 2x4 studs, 2' on center
- MUS: 2x4 studs, 3' on center; 3/4" plywood stall walls

Roof:

- Barn & Shed: 2x4, 2' on center
- MUS: 2x6, 3' on center, supported by 4x6 header
- All trusses connected with steel plates for superior strength
- Pitch: Shed 4:12; MUS 3:12

Doors:

- Steel-plated, kiln-dried, 2x4 frame
- Barn & Shed: 4'4" x 6'3"
- MUS: 3' x 6'9"

Roofing & Siding, Your Choice of:

- Dimensional shingles with a **limited-lifetime warranty**.
- 29-gauge steel coated in zinc and aluminum and baked enamel paint with a **limited-lifetime warranty** against rust, corrosion, chipping and peeling. This feature translates to an **attractive, maintenance-free and fire-resistant** storage option.
- Pre-primed 5/8" Duratemp siding with a tough hardboard face that won't split, crack or check and true **plywood inner core**. **50-year warranty**.

Our goal is your complete satisfaction through respectful customer relations, top-notch workmanship and value-pricing. I hope we get the opportunity to build you a great shed!



530-333-3690

www.ShedsandShelters.com

7/6/17



Disclosures:

- Prepared **LOCALLY** and built on your site.
- Limited Lifetime warranty on metal siding and shingles; 50-year warranty on wood siding.
- UNRIVALED 12-YEAR warranty** on other materials and workmanship.
- Free delivery within area.
- Prices include installation but not sales tax.
- Customer is responsible for ensuring that the installation site is level and for addressing building codes, permits, covenants and regulations.
- Due to variability in material costs, prices are subject to change without notice.
- Documents for permits available for additional fee.

The BENEFITS of Foothill Country Sheds:

- **Local Source**
- **Weatherproof**
- **Maintenance free**
- **Fire resistant**
- **Durable**
- **Worry free**
- **Total Satisfaction!**



OPTIONS available include:

| | | |
|---------|-----------|----------------|
| Ramps | Overhangs | Dutch doors |
| Gates | Ridgeline | Sliding doors |
| Shelves | Pier work | Double doors |
| Hatches | Skylights | Roll-up doors |
| Grilles | Windows | Stall dividers |

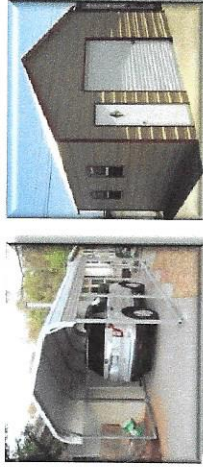
Please call for questions or to place an order.

530-333-3690

www.ShedsandShelters.com



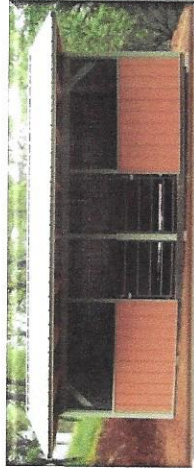
"Premium Quality That Lasts!"



Metal buildings: Carports, RV covers, Garages



36x24 Raised-aisle barn; sliders; Dutch-doors inset - interior of barn. \$20,000 installed



2 12x12 stalls; 6' overhang; 4' gates. \$8,200 installed



24x36 Barn (12x24 storage; 2 12x12 stalls; 12x24 overhang; stall enclosures and sliders. \$20,000 installed)

www.ShedsandShelters.com

Augie Rosas, Owner

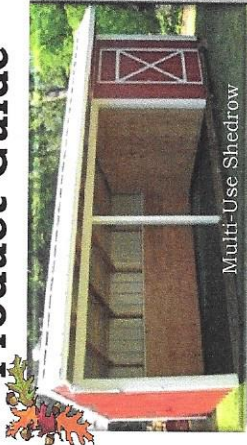
530-333-3690

Psalm 5:11



Your LOCAL source of "Premium Quality That Lasts!"

Product Guide



Multi-Use Shedrow



Gambrel Barns



Gable Sheds



Custom Barns

530-333-3690

ShedsandShelters.com

Display locations:

3931 and 4026 Durock Rd


Sales Office: 3948 Durock Rd


Shingle Springs, CA



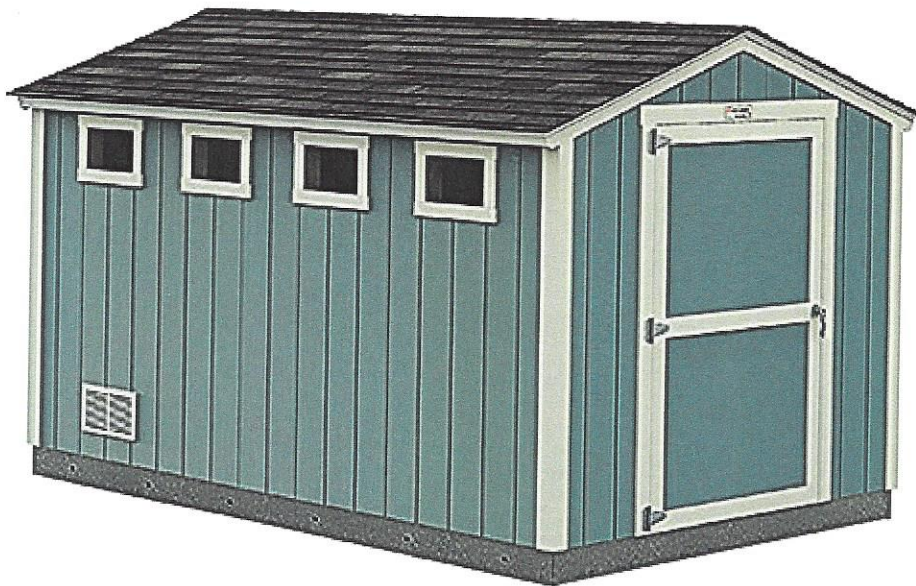


Your Store: **Placerville #1085**

 [Use Current Location](#) or [find store \(\)](#)

 [VIEW ALL \(/PRODUCTS/#/\)](#)

Sundance SR-600



Step up to a Sundance Series® SR-600. After many years, the design of The SR-600 hasn't changed much, and it's no wonder why. Simply put, the SR-600 is our most popular storage building, combining great features and a range of sizes that can fit in virtually any backyard. The building includes 6-foot sidewalls with endwall door placement and the TUFF SHED 5-Year Limited Warranty on workmanship and materials.



Building shown here with optional paint and 2'x2' window upgrades.

DESIGN & PRICE

Sizes & Prices ()

Paint & Shingle Colors ()

Specifications ()

Warranty ()

Display Clearance Sale ()

Sizes & Prices

| W x L x H | BASE PRICE | PAINTED PRICE |
|------------------|------------|---------------|
| 6' x 8' x 7'6" | \$1,345.00 | \$1,490.00 |
| 6' x 10' x 7'6" | \$1,541.00 | \$1,686.00 |
| 6' x 12' x 7'6" | \$1,736.00 | \$1,881.00 |
| 8' x 8' x 7'10" | \$1,572.00 | \$1,772.00 |
| 8' x 10' x 7'10" | \$1,798.00 | \$1,998.00 |
| 8' x 12' x 7'10" | \$2,024.00 | \$2,224.00 |
| 8' x 14' x 7'10" | \$2,239.00 | \$2,439.00 |
| 8' x 16' x 7'10" | \$2,465.00 | \$2,665.00 |
| 10' x 10' x 8'2" | \$2,085.00 | \$2,370.00 |
| 10' x 12' x 8'2" | \$2,352.00 | \$2,637.00 |
| 10' x 16' x 8'2" | \$2,856.00 | \$3,141.00 |
| 10' x 20' x 8'2" | \$3,493.00 | \$3,778.00 |
| 12' x 12' x 8'6" | \$2,692.00 | \$3,052.00 |
| 12' x 16' x 8'6" | \$3,318.00 | \$3,678.00 |
| 12' x 20' x 8'6" | \$3,925.00 | \$4,285.00 |
| 12' x 24' x 8'6" | \$4,510.00 | \$4,870.00 |

Building shown here with optional paint and 2'x2' window upgrades.

DESIGN & PRICE

Sizes & Prices ()

Paint & Shingle Colors ()

Specifications ()

Warranty ()

Display Clearance Sale ()

Standard Specifications

| FEATURE | SPECIFICATIONS |
|--------------------------------|--|
| Warranty | 5-year |
| Floor Joist System | 6" tall galvanized steel |
| Floor Decking | 3/4" interlocking sturdi-floor premium OSB floor decking |
| Aluminum threshold at door | Included |
| Door Hardware | Patented 6" locking handle and 3 ultra heavy-duty hinges |
| Steel-Reinforced Door Size | 4' x 6' placed on endwall |
| Interior Clear Sidewall Height | 5' 8" |
| Wall Framing | 2 x 4 studs spaced 16" on-center |
| 2 x 4 Wall Top Plates | 2 plates on sidewalls only |
| Siding Type | LP® SmartSide w/50-Year warranty |
| Trim Type | LP® SmartTrim w/50-Year warranty |
| Roof Decking | 7/16" premium OSB roof decking |
| Rafters and Trusses | 2 x 4 rafters joined w/ steel plates |
| Colored Baked Enamel Drip Edge | Included on perimeter of roof |
| Roofing Felt Paper | 15# felt included |
| Owens Corning Shingles | 25-year 3-tab composition shingles |
| Eave Type | 4" block eave on sidewall |
| Roof pitch at peak | (4/12) |
| On-Site Installation Included | Yes |

[See
Order
Details](#)
+



Your Store: **Placerville #1085**
📍 [Use Current Location](#) or [find store \(\)](#)

[Shed Configuration & Options \(\)](#)

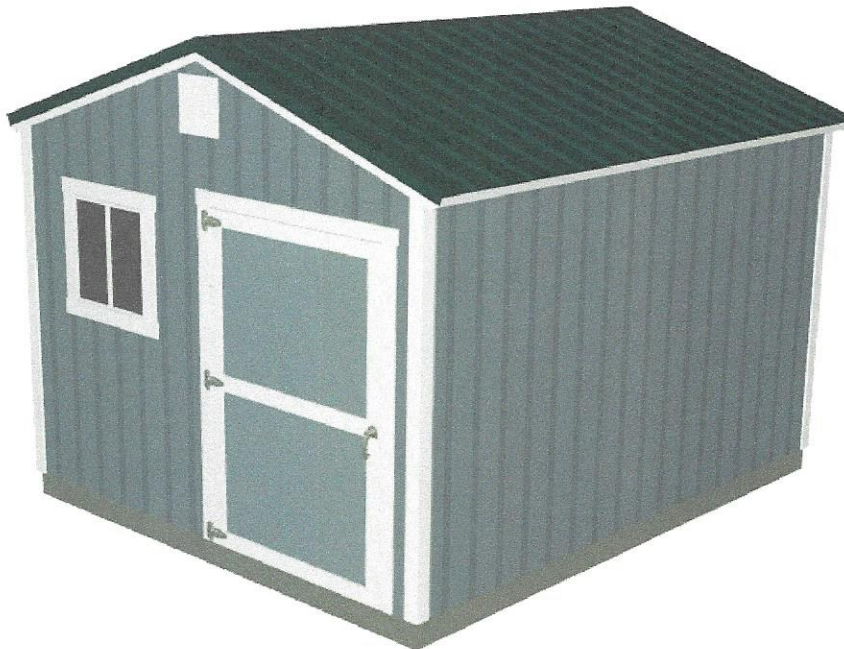
[Order Review \(\)](#)

[Payment & Billing \(\)](#)

Sundance TR-700 - 10' wide by 12' long by 9'2" high

Model: Sundance TR-700
Size: 10 ft x 12 ft
Base Price: \$2,661.00
[Promotional Savings: \(\)](#) -\$266.10

Total: \$3,320.90* ()





Reset



Rotate



Zoom

> BUILDING TYPE & STYLE ()

> SIZE () \$2,661.00

> DOORS & WINDOWS () \$264.00

> ROOF SELECTIONS () \$300.00

> SIDING & COLOR SELECTIONS () \$330.00

> OTHER OPTIONS & UPGRADES () \$32.00

> CHECKOUT OR SAVE YOUR QUOTE ()

13300 – METERS

AGENDA ITEM 11B

PART 1 - GENERAL

1.01 - Summary

Furnish and install water meters at the locations shown on the Plans, as described in these Specifications and as required to provide metered service to RPPUD water customers. The Contractor should note that not all of the new District meter boxes installed will be furnished with meters. As noted on the Plans, in some locations, (vacant lots for example), water service piping will be extended to a new meter box but no meter installed.

1.02 - Related Work Specified in Other Sections

- Section 01115 – AWA Standard Design and Construction Specifications for Treated Water Systems.
- Section 15040 – Piping
- Section 15100 – Water and Appurtenances

1.03 - Submittals

Contractor submittals shall submit information and shop drawings in accordance with Section 01300 of these Technical Specifications, indicating compliance with material specifications and showing dimensional layout. Specific submittals shall include the following:

1. Meter dimensions, fittings and accessories
2. Meter couplings and connectors
3. Meter electronic and TouchPad accessories

1.04 – Quality Assurance

- A. Materials and equipment furnished under this Section shall be of manufacturers who have been regularly engaged in the design and manufacture of residential and commercial meters for a period of at least 5 years. Demonstrate to the satisfaction of the District that the quality is equal to the materials and equipment made by the manufacturers specifically named herein, if alternate manufacturer is proposed.

KASL

- B. Factory quality control: The Contractor shall test all meter products as noted herein and by the reference specifications.
- C. All meters shall comply with AWA Standard Design and Construction Specifications for Treated Water Systems.
- D. All meters furnished and installed as part of this Section of these Specifications shall be tested in accordance with District Standards. Any meter that fails to perform as specified in the District Standards shall be replaced or repaired, as necessary, and retested. The cost to reconstruct, or repair and to retest meter systems to comply with District Standards shall be borne by the Contractor.
- E. Meters shall conform to American Water Works Standard C-707 as most recently revised. Meter devices shall comply with Part 15 of FCC Rules.

1.05 – Appurtenances

Furnish and install meter with all necessary fittings, connections, valves, meter stop and valve box.

1.06 – Operating and Maintenance Instruments

Operating and maintenance manual shall be furnished for the meters specified in this section in accordance with Section 01400 “Operating and Maintenance Instruction” of these Technical Specifications.

PART 2 - PRODUCTS

2.01 – Water Meters

Meters shall be $\frac{3}{4}$ (DN 20mm) size, and meet the requirements of NSF Standard 61, Annex F and G and comply with ANSI/AWWA Standard C700-latest revisions. Each meter shall be tested to insure compliance with AWWA Standards.

Meter shall be low lead type suitable for residential service. Meter shall consist of three basic components: maincase, measuring chamber and sealed register. Maincase shall be made of Bismuth alloy or brass with externally-threaded spools. Registers shall be housed in a bonnet of

KASL

synthetic polymer. Measuring chambers shall be a corrosion resistant, tailored thermoplastic material formulated for long-term performance and especially suitable for aggressive water conditions.

Registers shall be magnetic drive design. Standard register shall include a straight-reading, odometer type totalization display; a 360° test circle with center sweep hand; and a low flow (leak) detector. Gears shall be self-lubricating, molded plastic for long life and minimum friction.

Meter shall include tamperproof locking systems which will prevent removal or obtaining free water

The register must be of the straight reading type. It shall read in cubic feet or gallons and may be capable of direct visual reading both at the meter and by remote reading utilizing a visual interrogation device that connects though to the water meter via a TouchPad located external to the meter. The direct read numeral wheel assembly shall be located in the middle of the dial face with reading obtained from left to right using standard notation. All components shall be contained in a permanently hermetically sealed, tamperproof enclosure made of a corrosion resistant material, covered with a heat tempered glass lens.

The meter register shall have three terminal connections. The connection between the meter register and the remote pitlid (meter box cover) module shall be accomplished with the use of all three terminal connections by using a 3-conductor cable. This will permit the register to be converted to Automatic Meter Reading (AMR) in the future. The register shall transmit the register data directly to the pitlid when interrogated by the interrogation device. To ensure a reliable interrogation system in the moisture environment of a meter pit or vault, the pitlid-mounted module shall be housed in a separate enclosure with factory sealed connections consisting of an environmentally approved epoxy at both the pitlid module and register terminal connections. This shall be vendor provided to prevent moisture penetration and eliminate the need for field sealing requirements.

The register output data format shall be 7-bit ASCII (American Standard Code for Information Interchange) digital, plus an even parity bit. Upon interrogation with a TouchPad or AMR/AMI product, the register will transmit an odometer reading containing from 4 to 8 digits (field programmable) and a user defined alphanumeric identification of up to 12 characters (field programmable). Encoders with a mechanical brush contact or "optical-sensing" technology with the odometer wheel will not be acceptable.

The pitlid module shall be of a sturdy and tamperproof construction. The module shall allow for ease of installation on any meter valve box by cutting an appropriately placed 1-3/4" diameter hole in the lid. The entire pitlid module shall be constructed of a suitable synthetic polymer for long service life under normal operating conditions and be suitable for installation in vehicle traffic areas. The module shall be compatible with the TouchProbe, TouchGun, SmartGun, or AutoGun or similar connected to a handheld or visual reader and be capable of reading when placed in any position on the pitlid module (i.e. without special alignment). The meter shall be capable of being interrogated through the pitlid module when the module is submerged in water or covered with up to 3/16" of debris.

The meter shall be suitable for normal operating flow ranges of 2 to 30 gpm with a low flow register capable of metering flows at 1/2 gpm. Maximum allowable pressure loss shall be 9.0 psi at 30 gpm. Meter shall be suitable for operating pressures up to 150 psi.

Meters shall be Sensus II SR with TouchRead or equivalent Badger or Neptune Meter. All meters furnished and installed shall be the same manufacturer and model.

2.02 – Meter Appurtenances

A. Meter Box

Meter boxes shall be Christy B16 Utility Box with B16G lid with round hole for touch read port, lid shall be marked "Water".

B. Angle Stops

Angle meter stops shall have a locking wing. Components that are in contact with the water shall be made of lead-free brass alloy (e.g. UNS C89833, C89550 or C28500). Components not in contact with the water may be 85-5-5- bronze (UNS C83600) as manufactured by Mueller, James Jones, or Ford. Inlet shall be copper tube size compression or Mueller "Insta-Tite," with a meter coupling nut outlet.

C. Brass Check Valve

Lead free brass check valve shall be Smith-Cooper International, CV 30L Series or approved equal, NSF approved for potable water service.

D. Brass Gate Valve

Surfaces of gate valves that are in contact with water shall be constructed of lead-free brass (e.g. UNS C28500 C89550 or C89833). The valves shall be hand wheel operated, non-rising stem, two hundred (200) PSI WOG.

E. Piping

All piping from water main to meter box shall be 1" diameter Type "K" soft copper. All pipe connections shall be compression type: Mueller "C-110"; Ford "Pack Joint"; or equal. Meter boxes and pipe shall not be placed in driveways or areas with vehicle traffic.

PART 3 - EXECUTION

3.01 – Installation

- A. Meters and appurtenances specified herein shall be installed according to AWA Standard Design and Construction Specifications for Treated Water Systems, the details shown on the Plans and as specified by the manufacturer.
- B. Install meters and accessories such that all parts are easily accessible for maintenance and operation.
- C. Where meter valve handwheels are shown on the Plans, valve orientation shall be as shown. Where valve handwheels are not shown, orient valves to permit easy access to the handwheels or handles and to avoid interferences
- D. Meters shall be installed in accordance with manufacturer's requirements.
- E. Each meter shall be tested with satisfactory test results provided to the District prior to installation.

3.02 – Warranty and Guarantees

The meter and meter appurtenance equipment manufacturers shall warrant the meter and meter appurtenances and associated equipment

KASL

being supplied to the District against defects in workmanship and material for a period of 1 year from the date of completion of the RPPUD Water System Improvement Project, not to exceed 18 months from date of shipment. In the event that a meter or meter appurtenance fail to perform as specified, the manufacturer shall promptly repair or replace the defective equipment without any cost to the District, including handling and shipping costs.

- END OF SECTION -

**ENGINEER'S ESTIMATE OF QUANTITIES AND CONSTRUCTION COSTS
RIVER PINES PUBLIC UTILITY DISTRICT
WATER SYSTEM IMPROVEMENT PROJECT
DWSRF PROJECT NO. 0310006-002P**

| ITEM NO. | DESCRIPTION | UNIT COST | UNIT | ESTIMATED QUANTITY | ESTIMATED ITEM COST |
|----------|--|------------|------|--------------------|---------------------|
| 1 | Mobilization, Bonds and Insurance | \$ 100,000 | LS | 1 | \$ 100,000 |
| 2 | Erosion Control and Environmental Protection Measures | \$ 25,000 | LS | 1 | \$ 25,000 |
| 3 | Sheeting and Shoring | \$ 15,000 | LS | 1 | \$ 15,000 |
| 4 | Clearing and Grubbing | \$ 85,000 | LS | 1 | \$ 85,000 |
| 5 | Construct 4 inch Diameter Water Supply Line | \$ 100 | LF | 3,960 | \$ 396,000 |
| 6 | Construct 6 inch Diameter Water Mains | \$ 125 | LF | 10,390 | \$ 1,298,750 |
| 7 | Construct 8 inch Diameter Water Mains | \$ 150 | LF | 2,190 | \$ 328,500 |
| 8 | Furnish and Install Fire Hydrants Fire Hydrant Leads and Fire Hydrant Isolation Valves | \$ 5,000 | EA | 65 | \$ 325,000 |
| 9 | Furnish and Install Resilient Wedge Gate Valves and Valve Boxes | \$ 1,500 | EA | 86 | \$ 129,000 |
| 10 | Furnish and Install Water Supply Line Check Valves and Valve Boxes | \$ 2,500 | EA | 2 | \$ 5,000 |
| 11 | Furnish and Install Pressure Reducing Station Valves, Piping, Appurtenances, Vaults and Covers | \$ 30,000 | EA | 2 | \$ 60,000 |
| 12 | Furnish and Install Combination Air and Vacuum Relief Valves | \$ 3,000 | EA | 12 | \$ 36,000 |
| 13 | Construct 12 inch Diameter Storm Drain | \$ 200 | LF | 20 | \$ 4,000 |
| 14 | Complete Jaybird Lane Tank Piping, Coating and Repair Improvements | \$ 150,000 | LS | 1 | \$ 150,000 |
| 15 | Circle Avenue Tank Site Excavation | \$ 20 | CY | 3500 | \$ 70,000 |
| 16 | Circle Avenue Tank Site Embankment | \$ 20 | CY | 3,500 | \$ 70,000 |

**ENGINEER'S ESTIMATE OF QUANTITIES AND CONSTRUCTION COSTS
RIVER PINES PUBLIC UTILITY DISTRICT
WATER SYSTEM IMPROVEMENT PROJECT
DWSRF PROJECT NO. 0310006-002P**

| ITEM NO. | DESCRIPTION | UNIT COST | UNIT | ESTIMATED QUANTITY | ESTIMATED ITEM COST |
|----------|--|------------|------|--------------------|---------------------|
| 17 | Construct Circle Avenue Tank Improvements Including Foundation, Tank, Inlet, Outlet, Drain, Overflow Piping and Tank Appurtenances | \$ 900,000 | LS | 1 | \$ 900,000 |
| 18 | Construct Circle Avenue Tank Site Improvements Including Fencing, Gate, Surfacing | \$ 20,000 | LS | 1 | \$ 20,000 |
| 19 | Demolition of Existing Circle Avenue Tank and Chlorine Contact Basin | \$ 25,000 | LS | 1 | \$ 25,000 |
| 20 | Furnish and Install Asphalt Concrete Pavement | \$ 200 | TONS | 1,600 | \$ 320,000 |
| 21 | Furnish and Install Aggregate Base Surfacing | \$ 100 | TONS | 350 | \$ 35,000 |
| 22 | Raise Manholes to Finish Grade | \$ 1,000 | EA | 32 | \$ 32,000 |
| 23 | Raise Valve Boxes to Finish Grade | \$ 750 | EA | 8 | \$ 6,000 |
| 24 | Raise Sanitary Sewer Cleanout to Finish Grade | \$ 750 | EA | 6 | \$ 4,500 |
| 25 | Furnish and Install Water Service Piping, Water Service Boxes and Water Service Appurtenances | \$ 1,500 | EA | 221 | \$ 331,500 |
| 26 | Furnish and Install 3/4" Water Service Meters | \$ 3,500 | EA | 219 | \$ 766,500 |
| 27 | Connect New Water Service Meters to Existing Water Services | \$ 500 | EA | 216 | \$ 108,000 |
| 28 | Install Water Quality Sampling Stations | \$ 3,500 | EA | 5 | <u>\$ 17,500</u> |

ESTIMATED CONSTRUCTION COST \$ 5,663,250

10% CONTINGENCY \$ 566,325

ESTIMATED CONSTRUCTION COST WITH CONTINGENCY \$ 6,229,575



FW: RPPUD Planset, Estimate, Manual

Stamas, Pete@Waterboards <Pete.Stamas@waterboards.ca.gov>

Fri, Aug 18, 2017 at 3:29 PM

To: Jack Scroggs <jscroggs@kasl.com>

Cc: River Pines PUD <rppud@rppud.org>, "Remick, David@Waterboards" <David.Remick@waterboards.ca.gov>

Hi Jack,

Thanks for providing a copy of the 90% plans for the project. Below are some comments, questions and concerns.

General comments/direction:

- If you haven't already done so, the dedicated supply line from Well 6R to the intersection of Pine Ave/Circle Ave, labeled **SL-A**, is to be removed from the plans. Additionally, the dedicated supply line from the SWTP to the intersection of Canyon Ave/Circle Ave, labeled **SL-B**, should be removed from the plans. These dedicated lines have been deemed ineligible for funding. This would remove approx. \$400,000 from the cost estimate.
- All related connections, wiring, or other improvements at both Well 6R and the SWTP should be completely removed from the plans, specs and cost estimate.
- The cost estimate should include at least a 15% contingency, perhaps even 20%, due to the unknowns that will unavoidably be encountered during this project. You'd indicated that the cost estimate is conservatively high, so 15% may be sufficient. I'm open to discussion on this but 10% seems low considering the circumstances.

General questions:

- I do not see construction management, labor compliance services, land appraisal/acquisition costs, legal costs, permitting costs, on-site engineering costs, or any other soft costs within the estimate. These all count towards the \$5M construction grant maximum and should be included.
- Please describe the difference in quantities between items 25-27 (specifically, 221, 219, and 216).
- I understand there are approx. 30 properties where meters need to be relocated, and new service lines need to be placed. However you'd indicated below that item 27, with a quantity of 216, may not be fundable because they are new service connections. Please clarify these numbers – how many of these

include a waterline that needs to be relocated (i.e. from the meter to the premises)? And are these particular costs included in the estimate? If not, what do they total?

- How many properties are vacant which are getting a waterline and meter box but no meter; and how does that factor into the quantities of items 25-27?

Regarding the Circle Tank, KASL's Water Rehabilitation Study proposed 300,000 gallons of **total** storage for RPPUD using the following calculation:

Fire Storage Reserve (180,000 gallons) + System Peaking Storage (13,500 gallons) + Emergency Reserve (75,000 gallons) = 268,500 gallons. The report therefore proposes a tank capacity of +/- 300,000.

Tank questions:

- The project includes the rehabilitation of the Jaybird Tank, however it's capacity is not factored into this calculation. $268,500 - 75,000 = 193,500$ gallons. Please reevaluate the additional storage needs.
- Consider the possibility of sizing the tank at a lower capacity. Additionally, reconsider the possibility of replacing the tank at its existing site. The likelihood of success in utilizing the existing site could be much greater if the new tank's size was decreased. There could also be dramatic cost savings, if extensive geotechnical work and land acquisition is no longer necessary.
- We need a letter from the local fire protection authority indicating the required fire storage requirements.
- We also need to understand the basis of the emergency reserve amount – which standards/requirements were used to calculate it?

Final thoughts:

The maximum construction grant amount available (including construction management, or other services needed during construction) is \$5,000,000. My understanding is that the goal is to stay under that grant maximum, but currently I do not see how this will be achieved. In my questions above, you likely noticed that I've zeroed in on the new tank's construction because I believe it's the one major component which is not dependent on the others – in other words it seems the project can function without it. At the very least you may wish to consider identifying the new tank as an 'optional' item in the bid breakdown. You may wish to also list the Jaybird tank improvements as optional as well, though this is a much smaller component.

Whatever the case, I urge you to review other options that may be available. Perhaps it's possible to include only a slight expansion to the existing tank's diameter, in a southward direction towards the hillside, along with some other improvements to the Circle tank site without doing extensive tree clearing and other geotechnical work. This would also negate the need to extend power, to acquire additional property, and

would address telemetry concerns that were raised. Perhaps the tank can even be replaced with a steel tank of equal size, in the same location.

Ultimately however, it's up to RPPUD to determine which components should remain and how to keep construction costs under the grant cap. As we'd discussed in the past we do have 0% interest financing available for project costs above the \$5M maximum, should that be desired for components that remain in the project for which you do not have a funding source. However if the objective is to keep project costs under \$5M – I unfortunately do not see that in this plan set.

PS. I can review the contract documents / specifications (including DBE, Davis Bacon, and AIS) following your next submittal. These requirements can change over time and they'll eventually need to be reviewed again prior to bidding, but I can take a look.

Pete Stamas, P.E.

Sanitary Engineer / Project Manager

Office of Sustainable Water Solutions - Drinking Water

State Water Resources Control Board

(916) 552-9983 / pete.stamas@waterboards.ca.gov

From: Jack Scroggs [<mailto:jscroggs@kasl.com>]
Sent: Friday, August 11, 2017 11:08 AM
To: Stamas, Pete@Waterboards <Pete.Stamas@waterboards.ca.gov>
Cc: River Pines PUD <rppud@rppud.org>
Subject: FW: RPPUD Planset, Estimate, Manual

Pete,

[Quoted text hidden]



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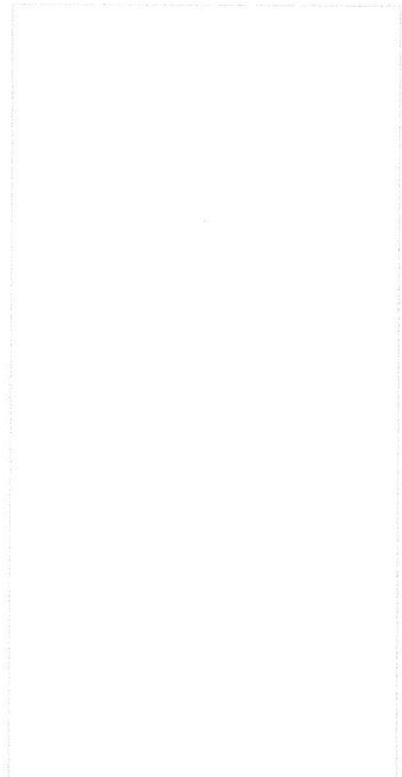
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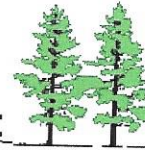
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River Pines Public Utility District



RESOLUTION NO. 2017-03

**A RESOLUTION OF THE BOARD OF DIRECTORS RIVER PINES
PUBLIC UTILITY DISTRICT
DECLARING EQUIPMENT SURPLUS AND AUTHORIZING THE SALE
OF SURPLUS DISTRICT PROPERTY**

WHEREAS, the Board of Directors of the River Pines Public Utility District desires to declare said property surplus and dispose of said property of the District, and

WHEREAS, NOW, THEREFORE BE IT RESOLVED The following described property is hereby declared to be surplus to the needs of the District:

Fixed Asset Item Description:

2002 TOYOTA TACAMA PICKUP TRUCK

The foregoing resolution was duly passed and adopted by the Board of Directors of the River Pines Public Utility District at a SPECIAL meeting on the 13th of September 13, 2017, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

River Pines Public Utility District

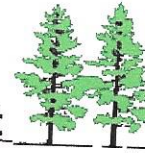
ATTEST:

Cathy Landgraf, Chairman

Gisele Wurzburger, Board Clerk



River Pines Public Utility District



RESOLUTION NO. 2017-04

**A RESOLUTION OF THE BOARD OF DIRECTORS RIVER PINES
PUBLIC UTILITY DISTRICT TO IMPLEMENT CHARGES
TO DISTRIBUTE 48 HOUR NOTICE TO CUSTOMERS WITH
PAST DUE ACCOUNTS**

WHEREAS, the Board of Directors of the River Pines Public Utility District to manually hand all 48-hour notices as a courtesy for customers who are pas due and in danger of disconnection; and

WHEREAS, NOW, this action can take hours to perform, and removes staff from their everyday tasks:

THEREFORE BE IT RESOLVED that the Board of Directors of the River Pines Public Utility District:

1. Approves the charge of \$10.00 per hanger every month that the RPPUD must notify all customers that their service is in danger of being terminated

The foregoing resolution was duly passed and adopted by the Board of Directors of the River Pines Public Utility District at a meeting on the 13th of September 13, 2017, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

River Pines Public Utility District

Cathy Landgraf, Chairman

ATTEST:

Gisele Wurzburger, Board Clerk