

**CENTRAL OREGON IRRIGATION  
DISTRICT BOARD OF DIRECTORS**

**October 9, 2018**

**9:00 a.m.**

**District Office**

**AGENDA**

**GENERAL BOARD MEETING**

1. Open Forum
2. Minutes
3. Transfers/Inclusions
4. Reports – Q & A
  - Water
  - Field Operations & Maintenance
  - Capital Projects
  - Hydro
  - Internal Operations & Communications
  - Finance
  - Manager
5. Billings & Payroll
6. Old Business
  - Merkley PL 566
    - 30% Design Update
    - Black Rock Contract
  - Union Contract Negotiations
  - Siphon Power Project Power Purchase Agreement Rate Option for 2021-2025
  - COID Redmond Historic Section – Kiosk
  - Board of Directors Election
7. New Business
  - FCS Group
  - Stock-Water Run Schedule
8. Board Comments

Executive Session

- ORS 192.660(2)(e) to conduct deliberations with persons designated by the governing body to negotiate real property transactions
- ORS 192.660(2)(h) to consult with counsel concerning the legal rights and duties of a public body with regards to current litigation or litigation likely to be filed.

**CENTRAL OREGON IRRIGATION DISTRICT  
BOARD OF DIRECTORS' MEETING  
GENERAL SESSION**

**September 11, 2018**

The regular meeting of the Board of Directors of the Central Oregon Irrigation District (COID) was called to order by Carroll Penhollow, Chairman, at 9:02 AM on September 11, 2018 in the District office.

Directors present were Carroll Penhollow, Terry Blackwell, Paul Kasberger, Tom Burke, and Robert Borlen. Also attending were Craig Horrell, Secretary - Managing Director; Shon Rae, Deputy Managing Director; Cary Penhollow, Water Master; Kelley Hamby, Operations and Maintenance Director; Leslie Clark, Director of Water Rights; Joshua Peed, Hydro Director; Jenny Hartzell-Hill, Executive Assistant; Brian Meece, Realtor of Record; Matt Singer, Legal Counsel. Visitors Present, See Exhibit "A".

**1. OPEN FORUM:**

Susan Grund, Patron off Bear Creek Road in Bend. She requested from the Board a follow-up regarding the Historic Nomination on the Central Oregon Canal that is between Ward and Gosney in Bend. Craig Horrell provided an update and explained that the nomination is being reviewed to make sure that it meets the intent of the Programmatic Agreement. Communications will be sent to Pat Kliewer to get the appropriate changes. COID will be making comments and submitting them to SHPO. COID will also provide notice of support to Deschutes County Historical Committee for their next meeting.

Keith Middleton, Patron from Alfalfa. Introduced himself to the forum and expressed his interested in running for the open position in the upcoming election.

Jack Abbas submitted a letter to the Board for consideration, Exhibit B. Leslie Clark provided additional information regarding the property and water rights. Mr. Abbas is partitioning his property and selling a portion and he has some water rights that have non-use. The Board will discuss the request during the Business section of the meeting.

**2. MINUTES:**

A motion to approve the minutes for the August 14, 2018 Board meeting was made by Terry Blackwell. Following a second by Robert Borlen the motion passed unanimously. A motion to approve the Special Meeting on August 22, 2018 was made by Tom Burke. Following a second by Robert Borlen the motion passed unanimously. A motion to approve the Special Meeting on August 29, 2018 was made by Tom Burke. Following a second by Robert Borlen the motion passed unanimously.

**3. TRANSFERS / INCLUSIONS:**

A water management report was provided to the Board prior to the meeting, Exhibit "C". Carroll Penhollow read the transfers report and made a motion to approve transfers as presented. Following a second by Robert Borlen the motion was approved unanimously.

#### 4. **REPORTS:**

- A. Watermaster Report –  
A written report (Exhibit “D”) was provided to the Board prior to the meeting. Craig Horrell provided a verbal update to the Board.
- B. Operations and Maintenance Report –  
A written report (Exhibit “E”) was provided to the Board prior to the meeting. Kelley Hamby gave a verbal follow-up regarding current projects. He also informed the Board of potential options for managing aquatic vegetation control. The board is in favor of staff exploring applications/treatment to control the moss and aquatic growth in our canal system.
- Staff has pulled a lot of trees on the COID 9<sup>th</sup> street property and inquiries are coming into to the office requesting permission to cut wood on the property. Staff was advised to work with legal counsel regarding these requests.
- Kelley informed the board that the gate installation off Hwy 126 on COID land does not meet ODOT standards. It was determined that COID will abandon that access at this time and only use the Antler Street entrance.
- C. Capital Projects –  
Craig updated the Board that the RFP for 30% Design has gone out and the RFP meeting and tour is scheduled for tomorrow. It looks like there are potentially 40 people planning to attend.
- D. Hydro Report -  
A written report (Exhibit “F”) was provided to the Board prior to the meeting. Joshua provided a verbal report on current production. Testing on the concrete piers reveals that the concrete support below the cross beam has a life expectancy of 77 to 99 years. The temporary repairs are holding up well. Engineering of the repairs falls within the current approved capital budget. Joshua will provide the Board with the expected cost for the work to be done. FERC communication regarding the piers and the temporary repairs is ongoing and staff is keeping them updated on the progress of the repairs. Joshua explained to the Board that he has researched and vetted the tractor. The Board gave consent to go forward with purchasing the tractor.
- E. Internal Operations & Communications-  
A written report (Exhibit “G”) was provided to the Board prior to the meeting. Shon Rae reminded the Board that the Strategic Planning Session and asked for topics. Paul Kasberger suggested inviting Kyle Gorman with OWRD.
- F. Finance Report-  
Priscilla Ross provided a verbal summary of her review. Craig Horrell informed the Board that CIP Consulting Agreement Amendment needs renewed, Exhibit H. Robert Borlen made a motion to approve the Amendment and authorized Craig

Horrell to sign. Following a second by Tom Burke the amendment was approved unanimously.

G. **Manager Report-**

Craig Horrell updated the Board that the Land Use Technician and Accounting Position have been posted for hire. Craig asked if the Board would like to participate in the hiring process. It was determined that the Board would like to be involved in the hiring process for the accounting position. Craig also explained that there are plans for some restructuring within the District and Shon Rae is now handling the HR for the District.

Craig announced that an *all DBBC* board meeting has been scheduled for October 11<sup>th</sup>. Time and location will be announced.

Brian Meece, Realtor of Record, reported to the Board that the well on the Quince property needs to be abandon per the sale agreement, staff will take care of this. He also reported that the 9<sup>th</sup> Street and Antler property has had some interest in the last few weeks. He encouraged activity on the property such as the wood cutters and continued enforcement of zero occupancy.

5. **BILLINGS & PAYROLL:**

Tom Burke made a motion to approve the Billings and Payroll as presented for July and August. Following a second by Terry Blackwell the motion was approved.

6. **OLD BUSINESS:**

• **Merkley PL 566**

Craig Horrell updated the Board on the status of the Watershed Plan. Technical review is underway by staff. Steel pipe is being added into the Plan as an option. Once design is underway pipe material will be determined. It is projected that the project will be ready to start by next fall.

• **Union Contract Negotiations**

Craig Horrell updated the Board that we are waiting on the union.

• **Ryan Ranch**

The USFS is pushing to not measure water going into Ryan Ranch. The DBBC has submitted a letter that requests that they are required to measure water going into the project. This will be one of the issues that will be discussed with the Department of Interior when Mike Britton and Craig Horrell go to DC in October.

• **Siphon Power Project Power Purchase Agreement Rate Option for 2021-2025**

Staff is working with Legal Counsel on this Agreement. It is due by December 31, 2018.

• **Equal Pay Act**

Craig Horrell explained that the Equal Pay Act will go into effect January 1, 2019 and explained that it is necessary to have an audit of our wage structure to be evaluated to ensure we meet the requirements of the act, Exhibit "I". Tom Burke made a motion to

approve up to \$18,000 for the outside review of COID's wage structure to ensure that we are meeting the requirements. Following a second by Robert Borlen the motion passed unanimously.

- **COID Redmond Historic Section Kiosk**

More information will be brought to the Board for consideration at the October meeting.

- **End of Season Shut off**

Craig Horrell explained to the Board that he had sent notice to North Unit Irrigation District (NUID) last month that COID planned to use its stored water in September and October. When the stored water was requested from NUID we were informed that they do not know if they have the COID stored water. It was explained that Lone Pine Irrigation has used all their storage or will have by the end of this week. Board discussion followed. Craig refreshed the board on the Temporary Agreement that is in place. Upon the email to NUID last month it should have sparked an emergency Board meeting to discuss how to move forward, this did not happen. It has been announced that Central Oregon is in an Extreme Drought Year. The Board decided that shut off will be October 15, 2018. We will ramp down to 75% on 9/15 and will run live flow. On October 1<sup>st</sup> available water will be evaluated and determined at that time. Pending water availability, final shut off will be October 15<sup>th</sup>.

7. **NEW BUSINESS:**

- **Limited License**

With low flow rates and storage, we will not apply for a limited license this year.

- **Beneficial Use**

The current Confiscation Policy was sent to the Board prior to the Board meeting, Exhibit "J". This matter will be tabled until after Executive Session.

- **Alfalfa Fire District Agreement**

Leslie Clark refreshed the Board on the request from Alfalfa Fire District. She explained They cannot store water for any purpose other than firefighting and firefighter training. An Agreement has been drafted with Alfalfa Fire District. The Board agreed to allow Craig Horrell to sign the agreement.

8. **BOARD COMMENTS:**

None

At 10:26 AM the Board recessed the General Session and asked the Board to convene into Executive Session per:

- ORS 192.660(2)(e) to conduct deliberations with persons designated by the governing body to negotiate real property transactions.
- ORS 192.660(2)(h) to consult with counsel concerning the legal rights and duties of a public body with regards to current litigation or litigation likely to be filed.

Following the Executive Session, the Regular Session of the COID Board was reconvened at 12:55 P.M.

The Board considered the request by Jack Abbas and agreed to allow him to cancel and pay the exit fee on the 1.05 acres of water right.

Beneficial Use/Confiscation Policy decision: Robert Borlen made a motion to continue with Beneficial Use/Confiscation policy that is in place. Following a second by Terry Blackwell the motion passed unanimously.

The meeting was adjourned at 1:05 P.M. following a motion by Paul Kasberger that was seconded by Robert Borlen.

DRAFT

**CENTRAL OREGON IRRIGATION DISTRICT  
BOARD OF DIRECTORS' MEETING  
SPECIAL SESSION**

**August 25, 2018**

A Special Session of the Board of Directors of the Central Oregon Irrigation District (COID) was called to order by Mike Britton, North Unit Irrigation District Manager, at 10:09 AM on August 25, 2018 in the District office.

COID Directors present were Carroll Penhollow, Terry Blackwell, Paul Kasberger, and Tom Burke, Bob Borlen; North Unit Irrigation District (NUID) Directors present were Martin Richards, Phillip Fine, Michael Kirsch, and Richard Macy. Also attending were Craig Horrell, COID Secretary-Manager; Shon Rae, COID Deputy Managing Director; Mike Britton, NUID Manager; Marlene Lloyd, NUID Office Manager; Angie Sanchez, FCS.

The North Unit Irrigation District Board of Directors and the Central Oregon Irrigation District Board of Directors discussed the cost of water and next steps for analyzing the value of water.

A Board to Board meeting will be scheduled.

The meeting was adjourned at 12:00 PM following a motion by Tom Burke that was seconded by Paul Kasberger.

To: Board of Directors  
From: Leslie Clark  
Date: **October 2, 2018**  
Re: Water Management Report

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On October 9, 2018 Board Chair Carroll Penhollow will review the transfers and other water right issues to be presented to the Board of Directors.

Request approval of the following:

TRANSFERS

- Permanent transfer of 1.0 acre Irrigation on the COC
  - Permanent transfer of 3.50 acres Irrigation on the PBC
- 

PROJECT UPDATES

- Development of processes to utilize conserved water continues. Craig and I met with OWRD September 13<sup>th</sup> and discussed several options. The DOJ issued a paper 8/31/18 that may impact our immediate ability to transfer storage permanently instream. We are currently working on agreements to place water where it is needed.
- 9/27/18 I attended a water transfer workgroup meeting in Salem. Discussion was centered on DOJ paper and the determination OWRD does not have authority to transfer storage instream. Planning to address the issue is under discussion.
- Final review of water rights proposed for 2018 confiscation is nearly complete. As of this writing there is 25 certified letters going out in the mail on 10/3/18 informing patrons of confiscation process to remove a total of 31.59 acres of water. Patrons will have 30 days to request a meeting with Craig. Hearings before the Board will be held November 13, 2018.

PBC: 15 properties with 24.73 acres of irrigation

COC: 10 properties with 6.86 acres of irrigation

**CENTRAL OREGON IRRIGATION DISTRICT  
BOARD OF DIRECTORS' MEETING  
OCTOBER 9, 2018**

**TRANSFER LIST:**

**PBC PERMANENT 385 TRANSFERS**

Applicant: Bryan T. & Cindy A. Scholz 14-13-14 NWSW 00300 3.50 Acres OFF

Receiver: Bryan T. & Cindy A. Scholz 14-13-14 NWSW 00300 3.50 Acres ON T-2018-018

**COC PERMANENT 385 TRANSFERS**

Applicant: Daniel R. & Lynne L. Brown 15-14-23 SWNE 00100 1.0 Acres OFF

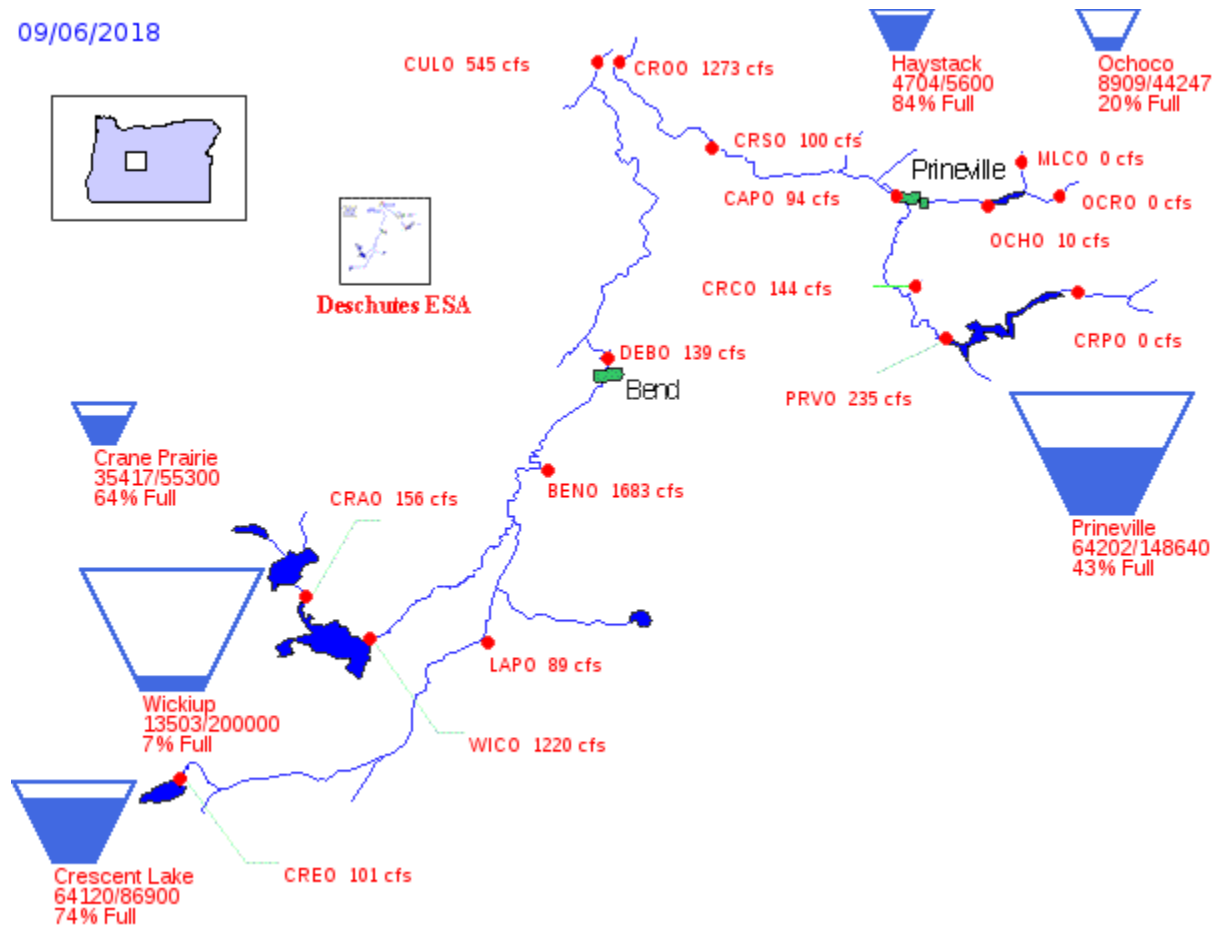
Receiver: Daniel R. & Lynne L. Brown 15-14-23 SWNE 00100 1.0 Acres ON T-2018-019

**OTHER ACTIVITY:**

NONE

# US Bureau of Reclamation, Pacific Northwest Region Major Storage Reservoirs in the Deschutes River Basin

09/06/2018



PROVISIONAL DATA - Subject to Change

WICO -- Deschutes River below Wickiup Reservoir

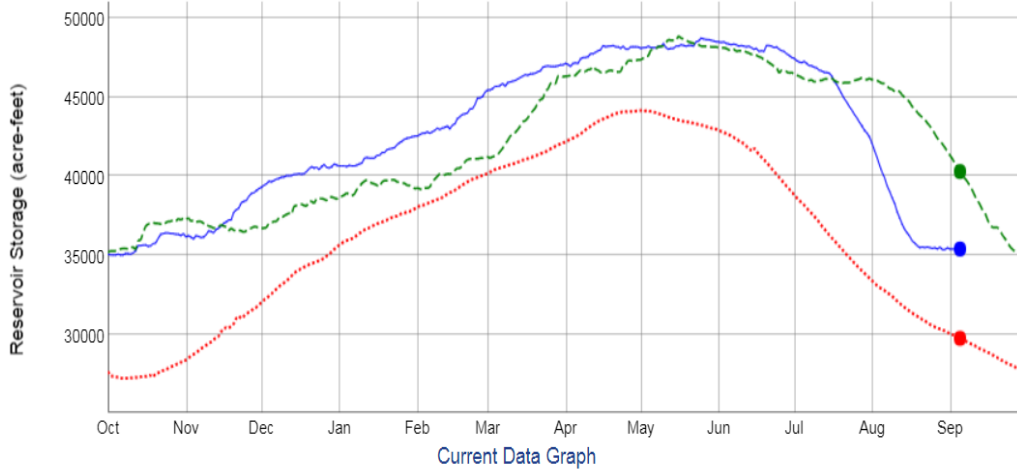
- BENO -- Deschutes River at Benham Falls
- CRA -- Crane Prairie Reservoir
- CRE -- Crescent Lake
- CROO -- Crooked Riv below Opal Springs nr Culver
- CULO -- Deschutes River near Culver, OR
- LAPO -- Little Deschutes River near LaPine
- OCHO -- Ochoco Creek below Ochoco Reservoir
- PRVO -- Crooked River near Prineville

- CRSO -- Crooked River at Smith Rocks
- CRAO -- Deschutes Riv below Crane Prairie Res
- CREO -- Crescent Creek at Crescent Lake
- CRPO -- Crooked Riv above Prineville Res nr Post
- CAPO -- Crooked River at Prineville
- DEBO -- Deschutes river below Bend
- HAY -- Haystack Reservoir
- OCH -- Ochoco Reservoir nr Prineville
- PRV -- Prineville Reservoir
- WIC -- Wickiup Reservoir

Average daily streamflows indicated in cubic feet per second.  
Reservoir levels current as of midnight on date indicated.

Sep:  
**Current Year:** 35417  
**Previous Year:** 40300  
**Average:** 29788.35

### Crane Prairie Reservoir nr. LaPine, OR

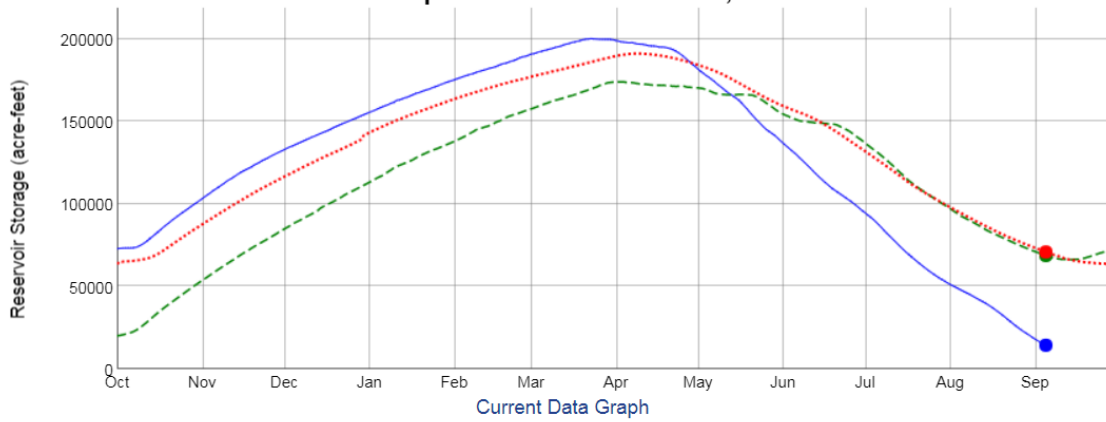


PROVISIONAL DATA - Subject to change

### Water Year Graph

Sep:  
**Current Year:** 14446  
**Previous Year:** 68805  
**Average:** 70984.31

### Wickiup Reservoir near LaPine, OR



PROVISIONAL DATA - Subject to change

## Oregon SNOTEL Snow/Precipitation Update Report

Based on Mountain Data from NRCS SNOTEL Sites

\*\*Provisional data, subject to revision\*\*

Data based on the first reading of the day (typically 00:00) for Thursday, October 04, 2018

Basin Site Name	Elev (ft)	Snow Water Equivalent			Water Year-to-Date Precipitation		
		Current (in)	Median (in)	Pct of Median	Current (in)	Average (in)	Pct of Average
<b>OWYHEE</b>							
Jack Creek Upper	7377	0.3	0.0	*	0.1	0.1	100
Fawn Creek	7031	0.0	0.0	*	0.1	0.2	50
Big Bend	6898	0.0	0.0	*	-M	0.1	*
Laurel Draw	6682	0.0	0.0	*	-M	0.1	*
South Mtn.	6500	0.0	0.0	*	0.0	0.1	0
Taylor Canyon	6325	0.3	0.0	*	0.2	0.1	200
Mud Flat	5730	0.2	0.0	*	0.4	0.0	*
Reynolds Creek	5600	-M	0.0 <sub>R</sub>	*	-M	0.1 <sub>R</sub>	*
<b>Basin Index (%)</b>				*			<b>160</b>
<b>MALHEUR</b>							
Blue Mountain Spring	5870	0.0	0.0	*	0.1	0.1	100
Rock Springs	5290	0.0	0.0	*	0.1	0.1	100
Lake Creek R.S.	5240	0.0	0.0	*	0.0	0.1	0
<b>Basin Index (%)</b>				*			<b>67</b>
<b>GRANDE RONDE, POWDER, BURNT, IMNAHA</b>							
Mt. Howard	7910	0.0	0.0	*	0.1	0.3	33
Aneroid Lake #2	7400	0.0	0.0	*	0.1	0.3	33
Bourne	5850	0.0	0.0	*	0.1	0.2	50
Moss Springs	5760	0.0	0.0	*	0.3	0.4	75
Taylor Green	5740	0.0	0.0	*	0.1	0.2	50
Spruce Springs	5700	0.0	0.0 <sub>C</sub>	*	0.0	0.3 <sub>C</sub>	0
Wolf Creek	5630	0.0	0.0	*	0.2	0.2	100
Milk Shakes	5580	0.0	N/A	*	0.5	N/A	*
Touchet	5530	0.1	0.0	*	0.1	0.5	20
Eilertson Meadows	5510	0.0	0.0	*	0.1	0.2	50
Gold Center	5410	0.0	0.0	*	0.1	0.1	100
Schneider Meadows	5400	0.0	0.0	*	0.3	0.2	150
Beaver Reservoir	5150	0.0	0.0	*	0.0	0.2	0
Tipton	5150	0.0	0.0	*	0.0	0.1	0
High Ridge	4920	0.0	0.0	*	0.0	0.3	0
County Line	4830	0.0	0.0	*	0.1	0.2	50
Bowman Springs	4530	0.0	0.0	*	0.0	0.2	0
<b>Basin Index (%)</b>				*			<b>41</b>

<b>UMATILLA, WALLA WALLA, WILLOW</b>							
Arbuckle Mtn	5770	0.0	0.0	*	0.0	0.2	0
Milk Shakes	5580	0.0	N/A	*	0.5	N/A	*
Touchet	5530	0.1	0.0	*	0.1	0.5	20
Madison Butte	5150	0.0	0.0	*	0.0	0.1	0
Lucky Strike	4970	0.0	0.0	*	0.1	0.2	50
High Ridge	4920	0.0	0.0	*	0.0	0.3	0
Bowman Springs	4530	0.0	0.0	*	0.0	0.2	0
Emigrant Springs	3800	0.0	0.0	*	0.0	0.2	0
<b>Basin Index (%)</b>				*			<b>12</b>
<b>JOHN DAY</b>							
Snow Mountain	6230	0.0	0.0	*	0.2	0.2	100
Blue Mountain Spring	5870	0.0	0.0	*	0.1	0.1	100
Bourne	5850	0.0	0.0	*	0.1	0.2	50
Derr.	5850	0.0	0.0	*	0.1	0.2	50
Arbuckle Mtn	5770	0.0	0.0	*	0.0	0.2	0
Ochoco Meadows	5430	0.0	0.0	*	0.0	0.2	0
Gold Center	5410	0.0	0.0	*	0.1	0.1	100
Starr Ridge	5250	0.0	0.0	*	0.1	0.1	100
Lake Creek R.S.	5240	0.0	0.0	*	0.0	0.1	0
Madison Butte	5150	0.0	0.0	*	0.0	0.1	0
Tipton	5150	0.0	0.0	*	0.0	0.1	0
Lucky Strike	4970	0.0	0.0	*	0.1	0.2	50
County Line	4830	0.0	0.0	*	0.1	0.2	50
<b>Basin Index (%)</b>				*			<b>45</b>
<b>UPPER DESCHUTES, CROOKED</b>							
Snow Mountain	6230	0.0	0.0	*	0.2	0.2	100
Derr.	5850	0.0	0.0	*	0.1	0.2	50
Three Creeks Meadow	5690	0.0	0.0	*	0.0	0.1	0
Summit Lake	5610	0.0	0.0	*	0.3	0.3	100
Irish Taylor	5540	0.0	0.0	*	0.3	0.3	100
Ochoco Meadows	5430	0.0	0.0	*	0.0	0.2	0
Cascade Summit	5100	0.0	0.0	*	0.5	0.2	250
Roaring River	4950	0.0	0.0	*	0.1	0.3	33
New Crescent Lake	4910	0.0	0.0	*	0.0	0.1	0
Chemult Alternate	4850	0.0	0.0	*	0.2	0.1	200
Mckenzie	4770	0.0	0.0	*	0.1	0.5	20
Hogg Pass	4790	0.0	0.0 <sub>R</sub>	*	0.0	0.7 <sub>R</sub>	0
Salt Creek Falls	4220	0.0	0.0	*	0.4	0.4	100
Santiam Jct.	3740	0.0	0.0	*	0.1	0.4	25
<b>Basin Index (%)</b>				*			<b>58</b>
<b>HOOD, SANDY, LOWER DESCHUTES</b>							
Mt Hood Test Site	5370	0.0	0.0	*	0.2	0.7	29
Red Hill	4410	0.0	0.0	*	-M	0.6	*
Mud Ridge	4070	0.0	0.0	*	0.0	0.4	0

Clear Lake	3810	0.0	0.0	*	-M	0.3	*
Blazed Alder	3650	0.0	0.0	*	0.2	0.9	22
Greenpoint	3310	0.0	0.0	*	0.0	0.5	0
North Fork	3060	0.0	0.0	*	-M	0.8	*
South Fork Bull Run	2690	0.0	0.0 <sub>C</sub>	*	0.4	1.1 <sub>C</sub>	36
<b>Basin Index (%)</b>				*			<b>22</b>
<b>COAST RANGE</b>							
Saddle Mountain	3110	0.0	N/A	*	-M	0.5	*
Seine Creek	2060	0.0	0.0	*	-M	0.4	*
<b>Basin Index (%)</b>				*			*
<b>WILLAMETTE</b>							
Summit Lake	5610	0.0	0.0	*	0.3	0.3	100
Irish Taylor	5540	0.0	0.0	*	0.3	0.3	100
Cascade Summit	5100	0.0	0.0	*	0.5	0.2	250
Roaring River	4950	0.0	0.0	*	0.1	0.3	33
Holland Meadows	4930	0.0	0.0	*	0.0	0.3	0
Hogg Pass	4790	0.0	0.0 <sub>R</sub>	*	0.0	0.7 <sub>R</sub>	0
Mckenzie	4770	0.0	0.0	*	0.1	0.5	20
Bear Grass	4720	0.0	N/A	*	0.0	N/A	*
Salt Creek Falls	4220	0.0	0.0	*	0.4	0.4	100
Mud Ridge	4070	0.0	0.0	*	0.0	0.4	0
Little Meadows	4020	0.0	0.0	*	0.0	0.6	0
Clear Lake	3810	0.0	0.0	*	-M	0.3	*
Santiam Jct.	3740	0.0	0.0	*	0.1	0.4	25
Daly Lake	3690	0.0	0.0	*	-M	0.5	*
Jump Off Joe	3520	0.0	0.0	*	0.1	0.4	25
Peavine Ridge	3420	0.0	0.0	*	-M	0.4	*
Clackamas Lake	3400	0.0	0.0	*	0.0	0.3	0
Smith Ridge	3270	0.0	N/A	*	0.0	N/A	*
Saddle Mountain	3110	0.0	N/A	*	-M	0.5	*
Railroad Overpass	2680	0.0	0.0	*	0.0	0.3	0
Marion Forks	2590	0.0	0.0	*	0.2	0.3	67
Seine Creek	2060	0.0	0.0	*	-M	0.4	*
Miller Woods	420	0.0	N/A	*	0.0	N/A	*
<b>Basin Index (%)</b>				*			<b>37</b>
<b>ROGUE, UMPQUA</b>							
Big Red Mountain	6050	0.0	0.0	*	0.2	0.2	100
Annie Springs	6010	0.0	0.0 <sub>C</sub>	*	0.2	0.4 <sub>C</sub>	50
Fourmile Lake	5970	0.0	0.0	*	0.4	0.1	400
Cold Springs Camp	5940	0.0	0.0	*	0.6	0.2	300
Sevenmile Marsh	5700	0.0	0.0	*	0.7	0.2	350
Summit Lake	5610	0.0	0.0	*	0.3	0.3	100
Diamond Lake	5280	0.0	0.0	*	0.4	0.2	200
Billie Creek Divide	5280	0.0	0.0	*	0.9	0.2	450
Bigelow Camp	5130	0.0	0.0	*	0.0	0.2	0
Fish Lk.	4660	0.0	0.0	*	1.0	0.2	500

King Mountain	4340	0.0	0.0	*	0.0	0.2	0
Toketee Airstrip	3240	0.0	0.0 <sub>R</sub>	*	0.2	0.4 <sub>R</sub>	50
<b>Basin Index (%)</b>				*			<b>175</b>
<b>KLAMATH</b>							
Summer Rim	7080	0.0	0.0	*	0.3	0.1	300
Swan Lake Mtn	6830	0.0	N/A	*	0.6	N/A	*
Crazyman Flat	6180	0.0	0.0 <sub>R</sub>	*	-M	0.4 <sub>R</sub>	*
Annie Springs	6010	0.0	0.0 <sub>C</sub>	*	0.2	0.4 <sub>C</sub>	50
Fourmile Lake	5970	0.0	0.0	*	0.4	0.1	400
Cold Springs Camp	5940	0.0	0.0	*	0.6	0.2	300
Strawberry	5770	0.0	0.0	*	0.3	0.1	300
Silver Creek	5740	0.0	0.0	*	0.3	0.1	300
Quartz Mountain	5720	0.0	0.0 <sub>C</sub>	*	0.2	0.1 <sub>C</sub>	200
Sevenmile Marsh	5700	0.0	0.0	*	0.7	0.2	350
Sun Pass	5400	0.0	N/A	*	0.4	N/A	*
Diamond Lake	5280	0.0	0.0	*	0.4	0.2	200
Billie Creek Divide	5280	0.0	0.0	*	0.9	0.2	450
Crowder Flat	5170	0.0	0.0 <sub>C</sub>	*	0.4	0.1 <sub>C</sub>	400
Taylor Butte	5030	0.0	0.0	*	0.2	0.1	200
Chemult Alternate	4850	0.0	0.0	*	0.2	0.1	200
Gerber Reservoir	4890	0.0	0.0 <sub>C</sub>	*	0.5	0.1 <sub>C</sub>	500
Fish Lk.	4660	0.0	0.0	*	1.0	0.2	500
<b>Basin Index (%)</b>				*			<b>287</b>
<b>LAKE COUNTY, GOOSE LAKE</b>							
Dismal Swamp	7360	0.0	0.0	*	0.3	0.2	150
Summer Rim	7080	0.0	0.0	*	0.3	0.1	300
Cedar Pass	7030	0.0	0.0	*	0.2	0.1	200
Crazyman Flat	6180	0.0	0.0 <sub>R</sub>	*	-M	0.4 <sub>R</sub>	*
Sheldon	5865	0.0	0.0 <sub>C</sub>	*	0.0	0.1	0
Strawberry	5770	0.0	0.0	*	0.3	0.1	300
Silver Creek	5740	0.0	0.0	*	0.3	0.1	300
Quartz Mountain	5720	0.0	0.0 <sub>C</sub>	*	0.2	0.1 <sub>C</sub>	200
Crowder Flat	5170	0.0	0.0 <sub>C</sub>	*	0.4	0.1 <sub>C</sub>	400
<b>Basin Index (%)</b>				*			<b>222</b>
<b>HARNEY</b>							
Fish Creek	7660	0.0	0.0	*	0.3	0.2	150
Silvies	6990	0.0	0.0	*	0.4	N/A	*
Disaster Peak	6260	0.0	0.0	*	0.0	0.1	0
Snow Mountain	6230	0.0	0.0	*	0.2	0.2	100
Blue Mountain Spring	5870	0.0	0.0	*	0.1	0.1	100
Sheldon	5865	0.0	0.0 <sub>C</sub>	*	0.0	0.1	0
Rock Springs	5290	0.0	0.0	*	0.1	0.1	100
Starr Ridge	5250	0.0	0.0	*	0.1	0.1	100
Lake Creek R.S.	5240	0.0	0.0	*	0.0	0.1	0

**Basin Index (%)**

\*

**80**

-M = Missing data.

\* = Analysis may not provide a valid measure of conditions.

N/A = Not available.

C = Conditional only 10-19 years of data available.

R = Rough less than 10 years of data available.

If the Basin Index (%) percent value is flagged as potentially invalid care should be taken to evaluate if the value is representative of conditions in the basin.

The SNOW WATER EQUIVALENT represents the depth of water in the snowpack if the snowpack were melted expressed in inches.

The WATER YEAR-TO-DATE-PRECIPIATION represents total precipitation since October 1st expressed in inches.

Contact your state water supply staff for assistance.

Medians and averages are calculated for the period 1981-2010.

Provisional data subject to revision.

\* Site -- Either: (a) the current value is missing; (b) the median or average for the day is not available or is zero; or (c) for snow water equivalent the median for the day is less than 10% of the maximum median value for the year.

\* Basin - More than half of the sites within the basin are flagged with \* preventing the calculation of a meaningful basin index.

The basin index is calculated as the sum of the valid current values divided by the sum of the corresponding medians (for snow water equivalent) or averages (for precipitation) and the resulting fraction multiplied by 100.

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## **Operations and Maintenance Report – October 2018 Board Meeting**

**General Maintenance:** We have continued with normal operational activities into the ramp down and are beginning to make preparations for maintenance season. Most of the work has been the continuation of mowing and ditch cleaning that continues throughout the season. We've had a chance to work on a few fab projects in the shop, restrung some fence on COID property, and made some final alterations to roads in and out of the Antler property, including restoring the bar ditch along Hwy. 126 as per ODOT request. We are just beginning a project to replace the existing gates and some fencing along the highway at Juniper Ridge.

We're in the process of organizing the winter maintenance lists from our ditch riders and will be scheduling a few small piping projects. Ideally these will start shortly after we turn off for the season.

**Larkview:** After consistent daily monitoring of the crawlspace under Kim Tippet's home adjacent to A-26 piping we were unable to reproduce conditions that would lead to flooding. For a number of hours we over-pressured the pipe by sending excess water through the system. After over-pressuring the pipe, we found no change in the crawlspace. We have installed a shop-made float meter that can be observed through a foundation vent that will show if there is water entering a certain section of the crawlspace. The plan moving forward will be for daily monitoring of pipe levels and periodic monitoring of the crawlspace in hopes of finding some other correlations that might lead to the water infiltration.

**Crane Prairie Dam:** Despite additional contact with BOR we still have not received technical recommendations for the repairs slated for the structure at Crane Prairie. I will continue to communicate with BOR regarding the needed repairs. From an operational perspective, we had a great year. There was no weed load to speak of and operations required a minimum number of trips this season.

**Badlands Wilderness:** I have just recently heard back from BLM regarding our access road along the wilderness boundary. Hopefully we will have a final resolution on that matter in the coming weeks. The latest contact indicates that there may be some internal disagreement within BLM regarding our road as it is built, and we may be able to continue using it as it lays, even as parts of it trespass into the wilderness boundary.

**Patron Conflict:** We have two contentious situations between patrons on the PB-4 beat. Both may require that COID step in and make improvements past the point of delivery. I will be in meetings with both sets of patrons in the coming days in hopes of talking through some alternatives to COID involvement. Both issues are based in the inability of patrons to get along with one another and both involve easement issues beyond the POD.

**Misc.:** We had maintenance personnel cover a ditch rider for extended leave so that the ditch rider could complete a military reserve training and had a couple of vacation days filled here and there.

### **Facility and Fleet Maintenance: By Allen Goodman**

- Regular maintenance and repairs.
- Shumway radial waste gate repaired.



# COID Hydro-Electric Operations Report

Update for September, 2018

**October 4, 2018**

**By: Joshua Peed**

## **Production:**

### **SPP:**

Siphon generated electricity throughout the month of September totaling roughly 2,167,700 kW-hrs for the month.

### **JR:**

Juniper Ridge also generated electricity throughout the month of September generating close to 1,967,890 kW-hrs for the month.

## **Operations:**

### **SPP:**

Based on the concrete test results of the Siphon pipe concrete piers KPFF is moving forward with engineering cross-beam replacements for the "T" shaped piers. Included with this report is a quick sketch of two different options, one being a structural steel option and the other being a concrete option. Discussing with KPFF there are pros and cons to both and it is hard to completely vet the two options out without knowing some accurate pricing for the two options. KPFF is going to detail out both options and from there COID can acquire bids in order to make a final decision.

### **JR:**

The new cooling water strainer has arrived, due to some piping layout issues we won't be able to install it until Juniper Ridge is off-line. Hydro staff will install the new cooling water strainer after the end of water season.

**Attached:** KPFF Pier Replacement Options, SPP Production Spreadsheet; JR Production Spreadsheet; Potential Projects List



Project Siphon Power Property Pipeline Repair

Location Bend, OR

Client Central Oregon Irrigation District

By K. Metz

Date 10/01/2018

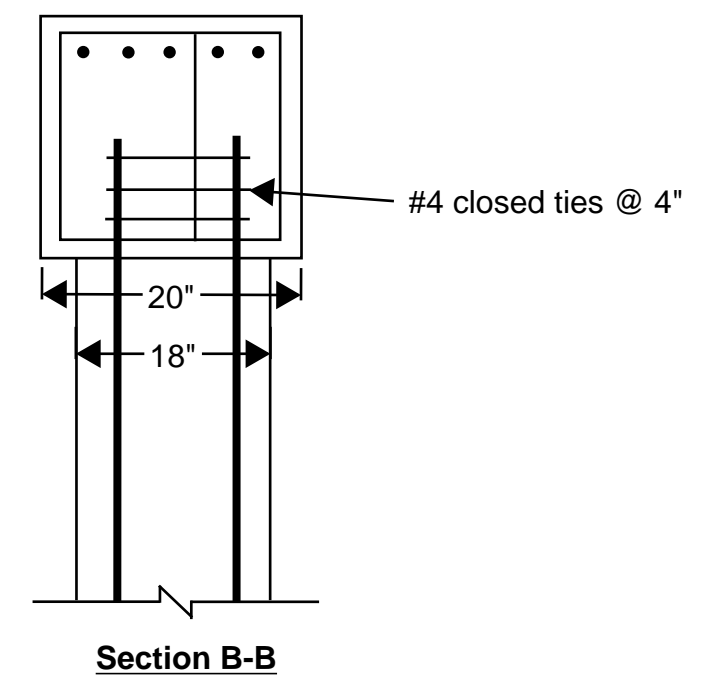
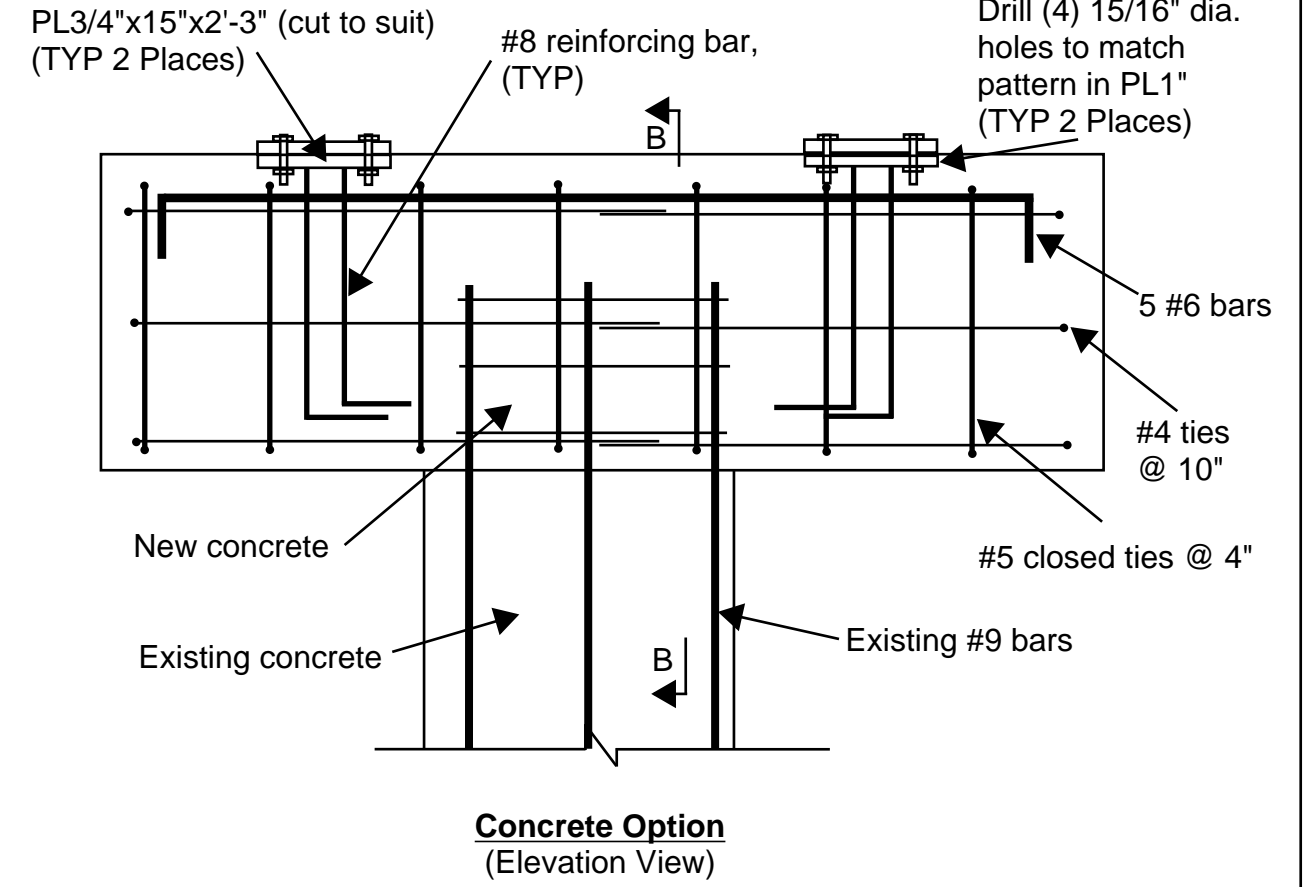
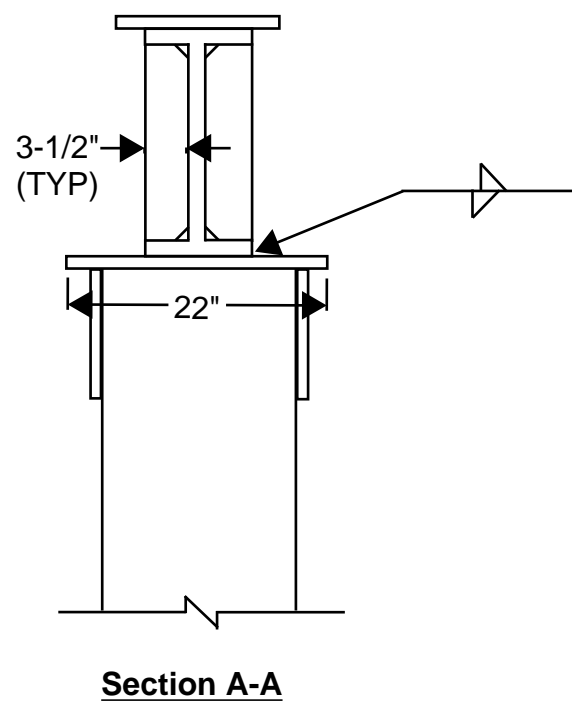
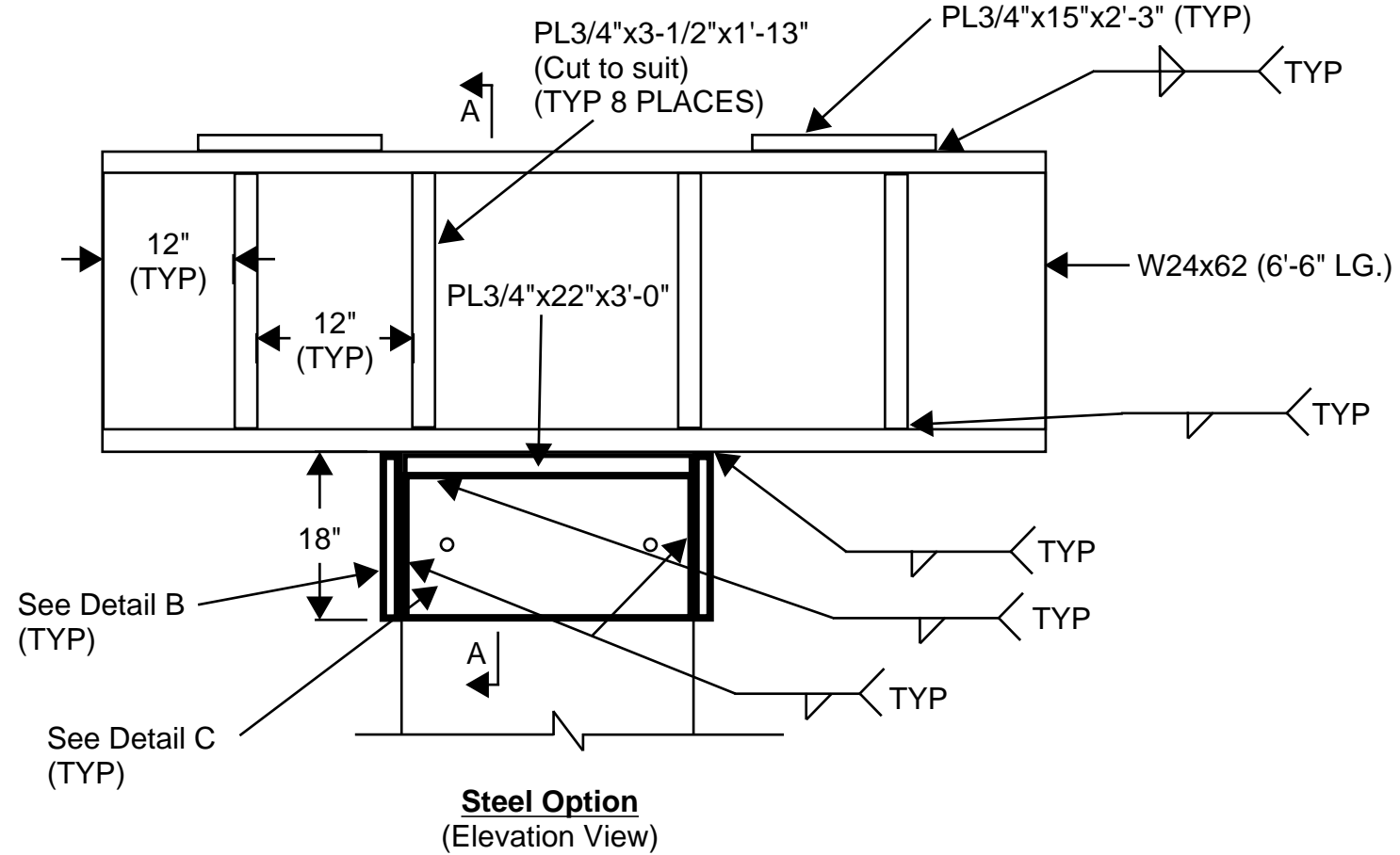
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Date

Sheet No.  
1 of 1

Job No.  
10101800220

### Pier Replacement Options



## Siphon Power Project 2018 Power Production & Payments

Month	Monthly kW-hrs	Yr to Date kW-hrs	Average kW's Mo	Average kW's Yr	Capacity kW's	Capacity Pymnt (\$8.58/kW)	Energy Payment (\$0.1244/kW-hr)	Total Payment	Budget
January	2,266,120	2,266,120	3,046	3,046	4,635	\$ 39,768.30	\$ 281,905.33	\$ 321,673.63	\$ 155,598.00
February	1,943,475	4,209,595	2,892	2,923	4,757	\$ 40,815.06	\$ 241,768.29	\$ 282,583.35	\$ 181,294.00
March	1,404,144	5,613,739	1,887	2,570	4,536	\$ 38,918.88	\$ 174,675.51	\$ 213,594.39	\$ 126,466.00
April	3,231,083	8,844,822	4,488	3,046	4,502	\$ 38,627.16	\$ 401,946.73	\$ 440,573.89	\$ 327,094.00
May	2,587,918	11,432,740	3,478	3,134	4,470	\$ 38,352.60	\$ 321,937.00	\$ 360,289.60	\$ 372,172.00
June	2,256,466	13,689,206	3,134	3,134	4,457	\$ 38,241.06	\$ 280,704.37	\$ 318,945.43	\$ 349,438.00
July	2,338,011	16,027,217	3,142	3,135	4,485	\$ 38,481.30	\$ 290,848.57	\$ 329,329.87	\$ 334,184.00
August	2,300,768	18,327,985	3,092	3,130	4,438	\$ 38,078.04	\$ 286,215.54	\$ 324,293.58	\$ 328,834.00
September	2,167,700	20,495,685	3,011	3,117	4,400	\$ 37,752.00	\$ 269,661.88	\$ 307,413.88	\$ 330,968.00
October	-	-	-	-	-	\$ -	\$ -	\$ -	\$ 311,907.00
November	-	-	-	-	-	\$ -	\$ -	\$ -	\$ 191,318.00
December	-	-	-	-	-	\$ -	\$ -	\$ -	\$ 30,000.00
<b>Totals</b>		<b>20,495,685</b>				<b>\$ 349,034.40</b>	<b>\$ 2,549,663.21</b>	<b>\$ 2,898,697.61</b>	<b>\$ 2,506,048.00</b>

\* Values may be off by up to 1%

Yr to Date Payment vs Budget \$ 392,649.61

Year	Avg Production Same Month	Avg Revenue Same Month
1990	2,516	\$ 199,917
1991	2,594	\$ 206,184
1992	2,426	\$ 194,413
1993	2,474	\$ 198,052
1994	2,395	\$ 192,977
1995	2,343	\$ 188,177
1996	2,367	\$ 192,540
1997	2,392	\$ 197,852
1998	2,356	\$ 198,266
1999	2,405	\$ 204,500
2000	2,399	\$ 206,319
2001	2,355	\$ 204,097
2002	2,341	\$ 203,267
2003	2,344	\$ 203,967
2004	2,341	\$ 204,240
2005	2,346	\$ 205,207
2006	2,351	\$ 206,816
2007	2,353	\$ 208,964
2008	2,368	\$ 211,807
2009	2,379	\$ 215,115
2010	2,384	\$ 217,706
2011	2,396	\$ 221,032
2012	2,401	\$ 224,622
2013	2,408	\$ 228,347
2014	2,423	\$ 232,308
2015	2,423	\$ 232,308
2016	2,425	\$ 238,036
2017	2,425	\$ 241,042
2018	2,416	\$ 243,330

## Siphon Power Project 2018 Production Compared to 2017

Month	2017 Monthly kW-hrs	2018 Monthly kW-hrs	2017 Yr to Date kW-hrs	2018 Yr to Date kW-hrs	2017 Capacity kW's	2018 Capacity kW's	2017 Total Monthly Pmnt	2018 Total Monthly Pmnt
January	220,544	2,266,120	220,544	2,266,120	3,913	4,635	\$ 60,016.77	\$ 321,673.63
February	1,193,184	1,943,475	1,413,728	4,209,595	2,983	4,757	\$ 144,958.94	\$ 282,583.35
March	2,756,106	1,404,144	4,169,834	5,613,739	3,731	4,536	\$ 362,469.09	\$ 213,594.39
April	3,781,539	3,231,083	7,951,373	8,844,822	3,827	4,502	\$ 486,242.19	\$ 440,573.89
May	2,788,107	2,587,918	10,739,480	11,432,740	3,839	4,470	\$ 367,232.65	\$ 360,289.60
June	2,332,804	2,256,466	13,072,284	13,689,206	3,779	4,457	\$ 312,127.02	\$ 318,945.43
July	2,165,681	2,338,011	15,237,965	16,027,217	3,683	4,485	\$ 291,265.29	\$ 329,329.87
August	2,589,448	2,300,768	17,827,413	18,327,985	3,653	4,438	\$ 341,817.56	\$ 324,293.58
September	2,426,202	2,167,700	20,253,615	20,495,685	3,646	4,400	\$ 322,184.30	\$ 307,413.88
October	2,051,478	-	22,305,093	-	3,770	-	\$ 278,318.81	\$ -
November	1,876,150	-	24,181,243	-	3,967	-	\$ 258,987.25	\$ -
December	2,192,461	-	26,373,704	-	4,301	-	\$ 299,778.65	\$ -
<b>Totals</b>			<b>20,253,615</b>	<b>20,495,685</b>			<b>\$ 2,688,313.80</b>	<b>\$ 2,898,697.61</b>

## Juniper Ridge 2018 Power Production & Energy Payments

Month	Monthly kW-hrs	Yr to Date kW-hrs	Average kW per Month	Average kW Yr to date	On-Peak kW-hrs	Off-Peak kW-hrs	On-Peak Payment 8.69¢ per kWh	Off-Peak Payment 6.66¢ per kWh	Total Payment	Budget
January	77,791	77,791	105	105	53,527	24,264	\$ 4,651.50	\$ 1,615.98	\$ 6,267.48	\$ 3,900.00
February	61,551	139,342	92	98	43,364	18,187	\$ 3,768.33	\$ 1,211.25	\$ 4,979.59	\$ 3,900.00
March	14,661	154,003	20	71	8,461	6,200	\$ 735.26	\$ 412.92	\$ 1,148.18	\$ 3,900.00
April	910,059	1,064,062	1,264	366	521,593	388,466	\$ 45,326.43	\$ 25,871.84	\$ 71,198.27	\$ 83,460.00
May	2,239,922	3,303,984	3,011	906	1,251,013	988,909	\$ 108,713.03	\$ 65,861.34	\$ 174,574.37	\$ 168,714.00
June	2,264,684	5,568,668	3,145	1,275	1,308,385	956,299	\$ 113,698.66	\$ 63,689.51	\$ 177,388.17	\$ 172,185.00
July	2,425,936	7,994,604	3,261	1,564	1,304,145	1,121,791	\$ 113,330.20	\$ 74,711.28	\$ 188,041.48	\$ 186,420.00
August	2,417,951	10,412,555	3,250	1,778	1,404,065	1,013,886	\$ 122,013.25	\$ 67,524.81	\$ 189,538.06	\$ 184,080.00
September	1,967,890	12,380,445	2,733	1,883	1,102,018	865,872	\$ 95,765.40	\$ 57,667.05	\$ 153,432.45	\$ 157,287.00
October	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ 43,680.00
November	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ 5,850.00
December	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Totals</b>		<b>12,380,445</b>			<b>6,996,571</b>	<b>5,383,874</b>	<b>\$ 608,002.05</b>	<b>\$ 358,565.98</b>	<b>\$ 966,568</b>	<b>\$ 963,846</b>

\* Values may be off by up to 1%

Budget Variance: \$ 2,722

## Juniper Ridge 2018 Production Compared to 2017 & Average Production

Month	Ave. Monthly kW-hrs	2017 Monthly kW-hrs	2018 Monthly kW-hrs	Ave. Yr to Date kW-hrs	2017 Yr to Date kW-hrs	2018 Yr to Date kW-hrs	2017 Total Payment	2018 Total Payment
January	33,562	-	77,791	33,562	-	77,791	\$ -	\$ 6,267.48
February	47,957	89,018	61,551	81,519	-	139,342	\$ -	\$ 4,979.59
March	75,310	86,538	14,661	156,829	-	154,003	\$ -	\$ 1,148.18
April	1,091,186	1,450,937	910,059	1,248,015	1,050,325	1,064,062	\$ 80,679.51	\$ 71,198.27
May	2,213,830	2,111,878	2,239,922	3,461,845	3,210,143	3,303,984	\$ 165,416.14	\$ 174,574.37
June	2,258,928	2,215,579	2,264,684	5,720,773	5,392,664	5,568,668	\$ 168,176.19	\$ 177,388.17
July	2,445,796	2,427,045	2,425,936	8,166,569	7,819,281	7,994,604	\$ 185,048.47	\$ 188,041.48
August	2,414,750	2,393,020	2,417,951	10,581,319	10,245,708	10,412,555	\$ 187,036.33	\$ 189,538.06
September	2,065,084	1,882,285	1,967,890	12,646,404	12,327,070	12,380,445	\$ 159,150.83	\$ 153,432.45
October	606,295	400,785	-	13,252,699	12,870,015	-	\$ 41,245.46	\$ -
November	66,187	51,965	-	13,311,462	12,950,592	-	\$ 6,393.05	\$ -
December	19,502	16,715	-	11,480,880	-	-	\$ -	\$ -
<b>Totals</b>	<b>12,646,404</b>	<b>12,656,300</b>	<b>12,380,445</b>				<b>\$ 945,507.47</b>	<b>\$ 966,568.04</b>





## September 2018 Communications Report

### Public outreach/education

- Designed and mailed open house invites to 1,056 patrons
- Hosted 53 CO1 patron open house at Mountain View High School on September 26, 2018
- Planning for patron open houses (all open houses will be held 6pm-7:30pm).
  - CO2, October 18: Mountain View High School
  - CO3 & 4, October 24: Powell Butte Farmers Club
- Hosted a meeting with Coalition for Deschutes for twenty members of the recreation community regarding the low levels at Wickiup Reservoir
- Coordinated a news story with Central Oregon Daily (will air in October)
- Coordinating design for Cline Falls signage

### Social Media/Facebook:

COID experienced a challenge on Facebook in September due to content being tagged as “political.” Political tags hurt the “Like” campaign and caused the page to be flagged. The problem has been resolved. COID’s Facebook page experienced declines in impressions, engagements and comments. The declines can be attributed to changes in people’s social media behavior as they adjust into Fall routine and due to content being tagged as political. The page saw increases in fans, reach and link clicks.

- Fans: 2058 (2% increase over prior month)
- Impressions: 50,000 (24% decrease over prior month)
- Reach: 16,000 (33% increase over prior month)
- Page Likes: 44 (47% decrease over prior month)
- Engagements: 1,255 (8% decrease over prior month)
- Comments: 137 (30% decrease over prior month)
- Average number of link clicks: 168 (163% increase over prior month)

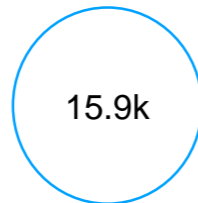
# COID | Modernization Digital Strategy + Key Metrics Overview - Sept 2018



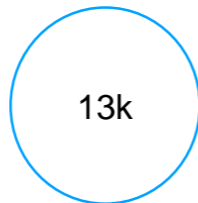
## Facebook

24 posts  
 1 Audience Growth Ad\*  
 6 Boosted Posts  
 \$143.17 Ad Spend  
 \*A user tagged COID as political content and have been working to clear that up

### Paid



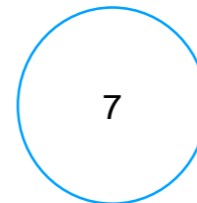
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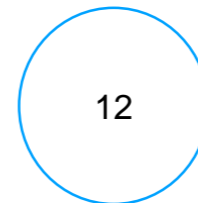
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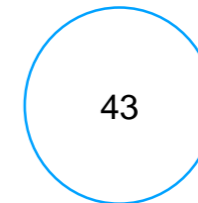
Engagements



Page Likes

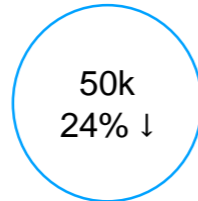


Comments

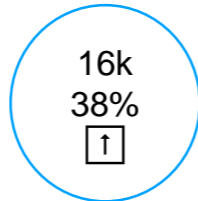


Link Clicks

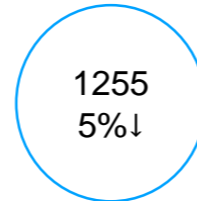
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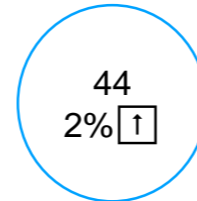
Impressions



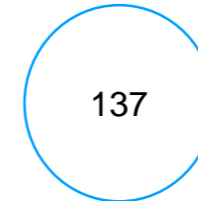
Reach



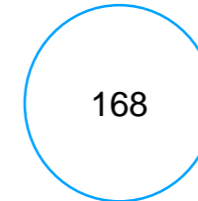
Engagements



Page Likes



Comments



Link Clicks



Total Fans

**Central Oregon Irrigation District**  
 Published by Shannon Hinderberger [?] · September 17 at 3:47 PM · 🌐

Today this dog got lucky! He fell into the canal in Redmond (by Home Depot) and was swept downstream and then up on to the metal rack. COID Staff, Bobby Baker witnessed the occurrence and called the Redmond Police Department. Officer B. Hamlin was able to retrieve the dog and took him to Brightside Animal Shelter in Redmond. Hopefully, he will be lucky enough to be reunited with his owners. Thanks, Bobby and Officer Hamlin for your efforts!



## Top Performing Posts



**Central Oregon Irrigation District: Celebrating 100 Years of COID...**  
 COID's Doug Watson talks about the system improvements happening as we turn a century old.

0:23 · Uploaded on 09/24/2018 · View Permalink 🌐

**Central Oregon Irrigation District**  
 Published by Shannon Hinderberger [?] · September 7 at 12:57 PM · 🌐

COID's 3,000-foot piping project in Bend from the Brookwood Bridge heading west was completed this spring. As part of the project, COID partnered with Bend Park & Recreation District to provide a trail connection at the Brookwood Boulevard. An undercrossing links the trail along the canal road and the now buried irrigation pipe to the Deschutes River Trail. Continued improvements will be made along the canal road including new trail surfacing and signs from Blakely Road to the Deschutes River Trail.





October 9, 2018

**To the Board of Directors:**

The following reports are attached for your review:

1) COID Cash Position at August 31, 2018

The first page is a summary report that lists the cash balances for each fund. Following that report are specific schedules for each fund that identify the Sources and Uses of cash. The Uses of cash have been summarized into broad categories. Some of those categories are self-explanatory such as Payroll and Fringe, Supplies, Professional Fees, Utilities and Travel. Others can be explained as follows:

Services – amounts paid for work done by outside agencies such as plumbers, electricians, etc. If that service is deemed to be professional (legal, architect, accountant, etc.), it is included in Professional Fees.

H/R – Amounts spent that benefit employees but are not considered payroll. For example, that line would include amounts spent for employee training, meals, etc.

Other notes - Clean Water Revolving Fund loan proceeds of \$3,113,311 were received on August 14, 2018. On October 1<sup>st</sup> \$3,500,000 was transferred to the LGIP.

2) COID Operating Statement as of August 31, 2018. Note that the highlighted column details the TOTAL 2018 budget. Therefore the Variance column lists budgeted amounts available for the balance of the year.

3) Hydro Operating Statement as of August 31, 2018.

Please let me know if you have any questions.

Priscilla

**COID Cash Position at August 31, 2018**

	BOTC Checking & MM Savings	LGIP 5190 (COID Ops Acct)	LGIP 5288 (ODFW Mitigation Reserve)	LGIP 4731 Small Scale Energy (SSE) Reserve)	ODOE JR Loan Reserve	Raymond James	Totals
<b>Cash Balances as of 8/31/18</b>	<b>6,159,684</b>	<b>1,876,253</b>	<b>336,391</b>	<b>546,385</b>	<b>681,006</b>	<b>658,583</b>	<b>9,599,719</b>
COID - Operations (10-1)	(244,216)	1,072,179	-	-	-	-	827,963
COID - Capital (10-2)	(548,120)	-	-	-	-	-	(548,120)
Endowment Fund (15)	-	-	-	-	-	658,583	-
SPP Fund (20)	6,837,056	-	336,391	546,385	-	-	7,719,831
JR Fund (25)	114,964	804,075	-	-	681,006	-	1,600,045
	<b>6,159,684</b>	<b>1,876,253</b>	<b>336,391</b>	<b>546,385</b>	<b>681,006</b>	<b>658,583</b>	<b>9,599,719</b>
Available Cash	6,159,684	1,876,253				658,583	8,694,520
LGIP Reserves for SPP & JR							
SPP ODFW Fund - Annual contribution of \$86,000 to this fund was paid SPP in Jan '18			336,174				
Required Maint. Reserve for SPP				500,000			
SPP interest earned Maint. Reserve				46,385			
DOE Required Loan Reserve for JR Plant Loan					652,400		
Interest earned to date on JR reserve required by DOE					28,606		

# COID Cash Flow: Operations

First Interstate Bank

at 12/31/17

(3,905,661)

LGIP 5190

at 12/31/17

3,202,970

Sources of Cash:

Transfers from LGIP

3,592,814

Sources of Cash:

First Interstate Bank loan funds

455,800

Assessment Income

1,945,382

Fee Income

150,027

**Total Sources**

**5,688,223**

**Total Sources**

**481,976**

Uses of Cash:

Payroll and Fringe

1,530,501

Uses of Cash:

Transfers to First Interstate

2,612,767

Services

172,419

Supplies

150,319

**Total Uses**

**2,612,767**

Professional Fees

132,744

at 8/31/18

**1,072,179**

Utilities

20,400

Travel

12,005

H/R

8,389

**Total Uses**

**2,026,778**

at 8/31/18

**(244,216)**

# COID Capital

## First Interstate Bank

at 12/31/17

Sources of Cash:

Interest Income

6,469

**Total Sources**

**6,469**

Uses of Cash:

Professional Fees

280,265

Building Debt Payment

139,113

Payroll

78,871

Supplies

21,286

Travel

17,154

COID Owned Water Costs

14,491

H/R

1,782

Fees

1,627

**Total Uses**

**554,589**

at 8/31/18

**(548,120)**

# COVID Endowment

Raymond James

at 12/31/17

515,370

Sources of Cash:

Land Sales

152,918

Raymond James Activity

(9,705)

**Total Sources**

**143,213**

Uses of Cash:

**Total Uses**

-

at 8/31/18

**658,583**

# COVID SPP Operations

**First Interstate Bank**

*at 12/31/17*

8,411,560

LGIP 5190

Sources of Cash:

Electricity Sales  
Loan Proceeds

Clean Water Revolving Fund Loan

BOR

First Interstate Bank Loan

Bend Parks

Transfer from LGIP 5190  
Transfer from LGIP 5288

REC Sales

Interest Income from LGIP 5288

Real Estate

**Total Sources**

Uses of Cash:

Funds Transfer

To Juniper Ridge

Pipe Project

Professional Services

Payroll

Fees

Insurance

Supplies

Services

Loan Payments

Utilities

Travel

H/R

**Total Uses**

*at 8/31/18*

2,609,656

3,113,311

1,473,370

1,096,937

287,146

1,612,767

23,329

17,120

1,696

6,000

**10,241,333**

*at 8/31/18*

LGIP 5288

*at 12/31/17*

Sources:

Interest Income

COVID Annual Contribution

**Total Sources**

Uses:

Withdrawal

**Total Uses**

*at 8/31/18*

*at 12/31/17*

*at 8/31/18*

LGIP 4731

*at 12/31/17*

Interest Income

*at 8/31/18*

Small Scale Energy Reserve

*at 12/31/17*

*at 8/31/18*

376

11,815,837

6,837,056

**Total Sources**

**Total Uses**

-

-

**ODF&W Reserve Account**

**270,692**

3,028

86,000

89,028

23,329

23,329

336,391

538,990

7,395

546,385

# COLD Juniper Ridge Operations

## First Interstate Bank

at 12/31/17

Sources of Cash:

Electricity Sales

REC Sales

Transfer from SPP

**Total Sources**

(5,115,665)

622,389

4,280

5,368,016

5,994,686

Uses of Cash:

Loan Payments

Payroll

Insurance

Professional Services

Supplies

Utilities

Services

Fees

Travel

**Total Uses**

558,368

111,346

62,977

17,895

6,688

5,150

1,095

280

259

764,057

at 8/31/18

114,964

## LGIP 5190

at 12/31/17

Total Sources

Uses of Cash:

Loan Payments

**Total Uses**

940,672

-

136,597

136,597

at 8/31/18

804,075

## LGIP 5288 ODF&W Reserve Account

at 12/31/17

Sources:

Interest Income

**Total Sources**

671,789

9,218

9,218

at 8/31/18

681,006

**CENTRAL OREGON IRRIGATION DISTRICT  
OPERATIONS  
For the Month Ending August 31, 2018**

	For the Month Ending August 31, 2018			Year to Date at August 31, 2018		
	August Actual	August Budget	Variance Fav(Unfav)	YTD Actual	2018 Budget	Variance Fav(Unfav)
<b>Operating Income</b>						
Assessment Income	13,000	13,000	-	1,998,112	1,964,116	33,996
Fee Income	9,157	5,875	3,282	151,342	156,700	(5,358)
Other Income	2,134	900	1,234	46,134	27,800	18,334
<b>Total Operating Income</b>	<b>24,291</b>	<b>19,775</b>	<b>4,516</b>	<b>2,195,588</b>	<b>2,148,616</b>	<b>46,972</b>
<b>Operating Expenses</b>						
Wages and Salaries						
Wages	108,138	112,776	4,638	884,056	1,410,302	526,245
Fringe	63,830	70,107	6,277	539,942	845,024	305,082
<b>Total Wages and Salaries</b>	<b>171,968</b>	<b>182,883</b>	<b>10,915</b>	<b>1,423,998</b>	<b>2,255,326</b>	<b>831,328</b>
<b>Contract Labor</b>						
Contract Labor	8,911	4,283	(4,628)	30,538	58,800	28,262
<b>Total Contract Labor</b>	<b>8,911</b>	<b>4,283</b>	<b>(4,628)</b>	<b>30,538</b>	<b>58,800</b>	<b>28,262</b>
<b>Materials and Supplies</b>						
Construction Materials	1,963	1,362	(601)	38,057	65,200	27,143
Equip/Sm Tool Purchases	369	200	(169)	7,142	7,000	(142)
Equipment Rental	735	680	(55)	4,755	13,160	8,405
Equipment Maintenance	7,001	3,850	(3,151)	26,249	48,500	22,251
Operating Supplies	1,668	2,505	837	16,064	32,260	16,196
Aerial Survey	12,660	-	(12,660)	12,660	13,000	340
Software	(557)	25	582	4,301	4,650	349
Fleet Supplies	12,373	7,834	(4,539)	50,697	94,000	43,303
<b>Total Materials and Supplies</b>	<b>36,212</b>	<b>16,456</b>	<b>(19,756)</b>	<b>159,925</b>	<b>277,770</b>	<b>117,845</b>
<b>Administrative Costs</b>						
Dues and Subscriptions	5,092	5,007	(85)	54,907	54,279	(628)
Postage	1,033	1,025	(8)	5,446	12,075	6,629
Fees	(1,376)	1,181	2,557	10,628	18,945	8,317
BOD Compensation	600	400	(200)	3,200	4,800	1,600
BOD Travel	145	90	(55)	739	1,500	761
Sponsorships	201	439	238	5,708	7,358	1,650
Conferences and Meetings	514	1,217	703	2,753	19,800	17,047
Continuing Education	134	-	(134)	887	5,000	4,113
Travel	2,084	2,225	141	16,490	28,700	12,210
Meals & Entertainment	1,264	1,344	80	10,798	17,295	6,497
Other Personnel	150	100	(50)	1,148	4,200	3,052
Patron Meetings	-	-	-	-	-	-
Other Patron Relations	-	-	-	-	-	-
<b>Total Administrative Costs</b>	<b>9,841</b>	<b>13,028</b>	<b>3,187</b>	<b>112,704</b>	<b>173,952</b>	<b>61,248</b>
<b>Occupancy Costs</b>						
Insurance	4,456	4,550	94	35,643	55,000	19,357
Utilities	1,836	1,473	(363)	13,123	19,600	6,477
Communications	1,341	2,730	1,389	23,232	37,560	14,328
Maintenance	3,855	1,050	(2,805)	15,813	12,300	(3,513)
<b>Total Occupancy Costs</b>	<b>11,488</b>	<b>9,803</b>	<b>(1,685)</b>	<b>87,811</b>	<b>124,460</b>	<b>36,649</b>
<b>Professional Fees</b>						
Legal	5,846	9,970	4,124	66,737	124,070	57,333
Engineering	-	-	-	-	-	-
Accounting	6,000	-	(6,000)	6,000	9,700	3,700
Other Professional	8,871	14,309	5,438	41,192	132,673	91,481
<b>Total Professional Fees</b>	<b>20,717</b>	<b>24,279</b>	<b>3,562</b>	<b>113,929</b>	<b>266,443</b>	<b>152,514</b>
<b>Total Operating Expenses</b>	<b>259,137</b>	<b>250,732</b>	<b>(8,405)</b>	<b>1,928,905</b>	<b>3,156,751</b>	<b>1,227,846</b>
<b>Gross Income</b>	<b>(234,846)</b>	<b>(230,957)</b>	<b>(3,889)</b>	<b>266,683</b>	<b>(1,008,135)</b>	<b>1,274,818</b>



IMPACT GRAPHIX & SIGNS, INC.  
 106 SE EVERGREEN AVE. SUITE M  
 REDMOND, OREGON 97756  
 541-548-8544

# Estimate

Date	Estimate #
9/11/2018	810

Name / Address
CENTRAL OREGON IRRIGATION DISTRICT 1055 SW LAKE COURT REDMOND, OR 97756

Project

Description	Qty	Cost	Total
HOMESTEAD KIOSK, WOOD STRUCTURE AND TWO 4'X8' SIGNS. DOES NOT INCLUDED CITY OF REDMOND PERMITS.	1	9,785.00	9,785.00
<b>Total</b>			\$9,785.00

Customer Signature \_\_\_\_\_

## **Proposed Winter-Stock Run Schedule**

Nov 26-30 (week after Thanksgiving)

Jan 7-11

Feb 18-22

Mar 25-29 or Apr 1-5

*This would be running both canals at same time if possible.*