

Watermaster's Report

From 01 February, 2017 to 31 January, 2018

Water District No. 110

Name of Watermaster: James Cefalo

900 N. Skyline Dr. Ste. A, Idaho Falls, ID 83402

Affidavit of Watermaster

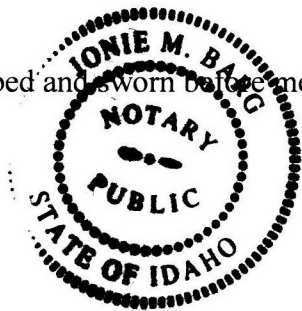
STATE OF IDAHO, COUNTY OF BONNEVILLE} ss.

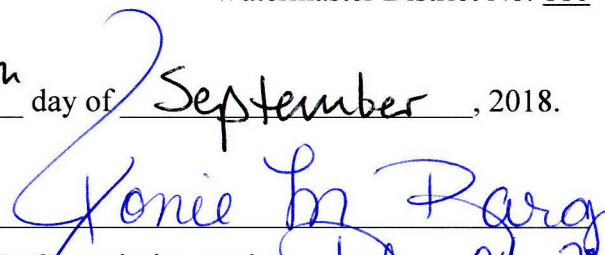
James Cefalo, being first duly sworn, deposes and says that he is Watermaster of Water District 110, having been lawfully appointed by the Director, Department of Water Resources Gary Spackman and that the volumes of water, stated in this report, prorated by him to the several users, are correct.



Watermaster District No. 110

Subscribed and sworn before me, this 17th day of September, 2018.




My Commission expires July 24, 2019
Idaho Falls, Idaho, September 17, 2018

I HEREBY CERTIFY, That James Cefalo was lawfully appointed by me Watermaster of District No. 110, and that his bill for services rendered prorated to the several users, as herein sworn to, is to the best of my knowledge and belief, correct.


Director, Department of Water Resources

By Dennis Dunn

SCANNED

FEB 07 2019

WATER DISTRICT 110

2017 WATERMASTER REPORT

Measurements were conducted by Water District 110 staff in accordance with the Water District 110 Resolutions and IDWR guidelines. Specific measurement information for the diversions within the district can be found in IDWR's WMIS database. Water district staff also took periodic ground water level measurements at wells scattered throughout the district. This data is stored in IDWR's file and is available to the public. In addition to measurement activities, water district staff reviewed aerial photos and diversion records to identify any enforcement issues within the district and contacted water users as necessary to address the apparent violations. Financial report, minutes, resolutions and assessment records are summarized and attached in separated documents. – James Cefalo

**Water District 110
2017 Resolutions**

1. That the watermaster perform the duties as required by Chapter 6, Title 42, Idaho Code and in accordance with:
 - 1) The duties described in the Final Order Creating Water District 110, signed by the Director of the Idaho Department of Water Resources (IDWR), April 17, 2006, including:
 - a) Measure, record and report diversions of ground water right included in Water District No. 110;
 - b) Administer and enforce water rights in Water District No. 110 in priority;
 - c) Curtail unauthorized or excessive diversions in Water District No. 110 (i.e., any diversion without a water right or in excess of the elements or conditions of a water right);
 - d) Curtail out-of-priority diversions under ground water rights in Water District No. 110 determined by the Director to be causing injury to senior priority water rights if not covered by a stipulated agreement or a mitigation plan approved by the Director;
 - e) Enforce the provisions of any stipulated agreements or mitigation plans approved by the Director and applicable in Water District No. 110.
 - 2) Direction and guidance provided by the Director of IDWR pursuant to Idaho Water Law.
 - 3) The annual water district resolutions as adopted herein.
2. James Cefalo is elected the watermaster for Water District 110. The Director of IDWR shall appoint James Cefalo, an employee of IDWR, to provide watermaster services for the ensuing year.
3. As provided in Idaho Code § 42-608(4), the watermaster shall serve until the next annual meeting of the water district after election at this meeting and upon appointment by the Director.
4. The water users of Water District 110 hereby empower the elected advisory committee to enter into a Memorandum of Understanding between the Water District and the Director of IDWR that will provide for the following:
 - a) Water District 110 will provide compensation of the watermaster for all administrative watermaster duties (all duties other than measurement and reporting) for the term of service as specified in item 3 of these resolutions.

- b) The 2017 budget for Water District No. 110 includes expenses related to measurement and reporting, and will be set at this annual meeting in accordance with item 7 of these resolutions.
 - c) Water District No. 110 will provide compensation to IDWR for clerical and financial account support services.
 - d) The watermaster shall maintain an office for the ensuing year within the IDWR Eastern Regional Office, located in Idaho Falls, Idaho.
 - e) IDWR will provide office space, vehicles and the use of all necessary office and field equipment in exchange for compensation as set in the budget for the ensuing year. This arrangement shall not give Water District No. 110 any ownership interest in any IDWR office space and equipment. However, any equipment purchased by Water District 110 will remain owned by water district 110.
5. Water District No. 110 includes one or more canal companies, government entities, or other water delivery entities. The following canal companies and government entities had cooperative agreements or other arrangements with the North Water Measurement District to annually measure and report diversions on their own and to the measurement district in order to promote efficiency in the administration of water rights and water management. But will pay a pro rata portion of the Watermaster salary.
- 1) Montevew Canal Company
 - 2) Producers Canal Company
 - 3) Jefferson Irrigation Company
 - 4) United States Fish & Wildlife Service Camas National Wildlife Refuge
6. The entities designated above may have employees who measure and report diversions to the watermaster of Water District No. 110. The watermaster of Water District No. 110 may therefore appoint employees or agents of these entities as assistant watermasters for purposes of measuring and reporting water use to the watermaster of Water District No. 110. The water district watermaster and the Director of IDWR will provide direction and guidance to assistant watermasters for measuring and reporting of diversions in these entities, including but not limited to the following:
- a) Each entity responsible for data collection shall provide an annual report of diversion data to the water district watermaster in accordance with Idaho Code § 42-606, § 42-708, § 42-709, and the direction provided by the Director of IDWR.
 - b) Assistant watermasters shall cooperate and coordinate with the water district watermaster and IDWR in sharing water use information.
 - c) The regulation of diversions, including curtailment of diversions and other water right enforcement actions, shall be the primary responsibility of the water district watermaster and IDWR.

- d) The designated districts will first be given the opportunity to resolve unauthorized diversions, or other enforcement matters before action is taken by the watermaster or IDWR.
 - e) To the extent that assistant watermasters may otherwise be involved in the regulation or enforcement of diversions, such involvement will be under the instruction of the watermaster and the Director of IDWR.
7. The budget of Water District No. 110 for the fiscal year 2017 beginning February 1, 2017, and ending on January 31, 2018, be as follows:

See attached Budget

8. Assessment basis for measurement & reporting expenses: Diversions in Water District 110 that are not already measured by one of the canal companies or government entities identified in item 5 of these resolutions, and also have a diversion rate allowed by their water right in excess of 0.24 cfs and/or irrigation of more than five acres shall be measured directly by the water district in the ensuing year and assessed for measuring and reporting at the following rate;
- a) \$25 per diversion, and;
 - b) A pro-rata share of the total expense for measuring and reporting, minus the total amount charged for all the diversions in the district required to measure, determined by the fraction of the recorded diversion rate for each water right is to the total recorded diversion rate of all water rights being measured in the district.
9. Kirk Jacobs be elected Water District No. 110 Treasurer. The duties of the treasurer will be to approve the expenses and disburse water district funds, and to prepare or oversee preparation of a written statement of the financial affairs of the district at the end of each fiscal year, in accordance with Idaho Code, Section 42-619. James Cefalo will also be a designated authorized signature for banking purposes.
10. An advisory committee shall be elected at each regular annual session to represent the interests of the water users and to provide input to the watermaster and the Director of IDWR. The advisory committee will consist of at least 5 members, including at least one water user from Hamer, one water user from Montevue, and one from Mud Lake/Terreton Area.
11. WHEREAS Idaho Code 42-605 provides for voting by water users and election of an advisory committee, the water users of Water District No. 110 hereby resolve that the credentials for voting in any district meeting and for serving on the district advisory committee will be as follows:
- a) Must be a water user of the district as evidenced by a valid water right or
 - b) Must have paid all assessments owed to the water district.

12. The annual Water District No. 110 meeting shall hereafter be held on the second Wednesday of February, of each year unless the Director of IDWR or the Water District No. 110 advisory committee should find it necessary to change the meeting date or unless changed by resolution of the district at any annual meeting.
13. Copies of the minutes of the annual meeting, the budget as approved, all resolutions approved, and the report prepared in accordance with Idaho Code § 42-615, shall be filed with the director of the Department of Water Resources in accordance with Idaho Code § 42-617.
14. The watermaster of Water District No. 110 shall be responsible for submitting to IDWR annual reports showing water use and such other information that may be deemed necessary by the Director of IDWR in accordance with Idaho Code § 42-606, § 42-708, and § 42-709.
15. The watermaster and assistant watermasters are authorized under Idaho Code § 42-1701(5) to make reasonable entry on lands within the district to carry out the duties of the watermaster as instructed by IDWR. These duties include but are not limited to:
 - a) Monitoring diversion and measuring rate and volume of water diverted from ground water and other public water sources.
 - b) Measuring the depth to water in wells.
 - c) Monitoring the place, period, and nature of use of water to identify unauthorized diversion and use and to determine compliance with mitigation provisions required by agreement or order of IDWR.
16. All payments for assessments not received by May 1, 2017 shall accrue penalties in the amount of 10% of the charge and interest in the amount of 1% per month, as provided pursuant to Idaho Code § 42-617.
17. Be it also resolved, that the Watermaster is authorized pursuant to Idaho Code § 42-618, to withhold or suspend deliveries of water to any water users who have not paid their assessment charge by January 1 of the year following the billing date.

**Water District 110
Proposed
2017 Advisory Committee**

Keith Shuldberg
1785 N 1800 E
Hamer, ID 83425

Kirk Jacobs
PO Box 119
Hamer, ID 83425

Mike Cope
2565 N 800 E
Monteview, ID 83435

Daren Bitter
1344 N 1900 E
Terreton, ID 83450

Lynn Burtenshaw
1758 N 1000 E
Terreton, ID 83450

Scott Clawson (At Large)
2754 W 3000N
Rexburg, ID 83440

Don Parker (At Large)
2032 W 4200 S
Rexburg, ID 83440



Water District 110 Annual Meeting
February 8, 2017
West Jefferson High School, 1256 E 1500 N
Terreton, ID

The meeting was called to order at 1:25 pm by Kirk Jacobs. The advisory committee in attendance was Kirk Jacobs, Keith Shuldberg, Mike Cope, Daren Bitter, Scott Clawson, and Don Parker. The attached sign-in sheets list the attendees.

Kirk Jacobs called for nominations for the Committee Chairman and Secretary. Lynn Burtenshaw moved that Kirk Jacobs be elected Chairman and Wendy Murphy be elected Secretary. Keith Shuldberg seconded the motion. The motion passed unanimously.

Kirk Jacobs asked for a motion to read or approve the minutes from the Water District 110 Annual Meeting on February 10, 2016. Lynn Burtenshaw moved to accept the minutes as written and Keith Shuldberg seconded. The motion passed unanimously.

Wendy Murphy presented the financial report. The balance sheet showed a comparison with the previous year. The January 2017 checking account balance was \$58,876.83. This was down \$24,548.56 from the year prior. There was a \$17,175.91 balance in accounts payable and a \$41,547.39 in the total equity. The net loss for the year was \$37,519.33. The profit and loss report showed the total income of \$52,249.88, the total expense of \$89,769.21, and a net loss of \$37,519.33.

Wendy said that prior to the meeting a water user asked her about the difference between WD110 and the Jefferson Clark GWD. She explained that WD110 was primarily involved with measurements and regulation of water rights. Although Jefferson Clark GWD shares most of the same boundaries, the main reason for their formation was to help with legal battles in protecting water rights that the water district can't do. Also, most of the assessments are sent out through the GWD.

Chairman Kirk Jacobs introduced James Cefalo. Kirk expressed his appreciation of James in his role of the watermaster and of the Idaho Department of Water Resources (IDWR). James explained that the overage in the budget was mostly due to the significantly reduced budget of the previous year. Although fewer measurement were conducted, there was an unexpected, significant amount of time working with individual water users to review their diversion and power data. Therefore, the total hours spent on WD110 work did not change from 2015 to 2016. The reduction was made in expectation that the Department would be doing less PCC measurements for the district. James introduced Bob Peck, Amanda Weber, and Karen Durfee as new employees of IDWR. He also introduced Brian Ragan from the State office in Boise. Brian is overseeing the statewide implementation of the Surface Water Coalition (SWC) and the Idaho Ground Water Appropriator's Inc. (IGWA) settlement agreement. Brian's role is to see that the agreement is consistently applied throughout the Eastern Snake Plain Aquifer (ESPA).

Amanda provided a presentation of Department's activities and endeavors in district. The Department completed: 51 PCC calibrations; 26 routine/other reasons; 15 flow meter inspections/checks; 3 flow meter calibrations; 4 site inventory checks; and numerous well depth measurements throughout the district. The Department goals for 2107 are to continue the flow meter inspections and readings, complete PCC measurements on simple systems, and continue well depth measurements. Amanda presented depth to water measurements in WD110 Northwest,

WD110 Southeast, USGS Northeast, USGS Central, USGS Hamer, USGS Southeast area wells. She explained that flow meters need to be installed by the beginning of the 2018 irrigation season for irrigation diversions. For non-irrigation diversions, the flow meters need to be installed by January 1, 2018. Diversions for domestic use, stockwater use, irrigation \leq five acres, and non-irrigation wells diverting \leq 0.24 cfs (108 gallons per minute) are exempt from the installation order. The installation of the flow meters need to meet both the manufacturer and the Department's guidelines. A list of the approved flow meters and guidelines are listed on the IDWR website at <https://idwr.idaho.gov/water-data/water-measurement/>. Amanda stated that one of the hurdles to approving the installation is due to the placement of the meter. The Department requires a minimum straight pipe length free of disturbers. The pipe must be free of disturbers three times the pipe diameter upstream and two times the pipe diameter downstream. A disturber is anything that disrupts flow in the pipe. They can include pump discharges, elbows, check or chemigation valves, butterfly or gate valves, and pipe reducers. Amanda and James answered some question about chemigation valves and what was considered a disturber. Amanda stated that another hurdle to getting the installation approved is when the flow meter is missing the grounding wires. She concluded her presentation by thanking those in attendance.

James Cefalo addressed questions about PCC measurements. He said that if water users think that their PCC numbers are inaccurate, then what needs to happen is to get one year of valid flow meter data and compare that with the power data for the same time period. With this data we can go back and evaluate the accuracy of the calculated five year PCC average. James spoke about an instance in 2016 where PCC and flow meter data for a simple system was tracked for a year. There was only a 1% difference in the results. Also, James encourage the users to take steps to protect their meters. Even if you cover the meter with a bucket, it can protect the control panel from the harsh elements. James encouraged those that plan on installing meters prior to the 2017 season (March or April) to call the Department beforehand and agent will come out and get beginning reading. Each year the Department will be doing beginning and ending year readings, and a certain percentage of mid-season readings as well.

Brian Ragan took the floor and encouraged those that have questions to contact him at the State office. Please call if you need help determining if you have a simple system or need help with the variance application. The application form is called a *Request for Variance of IDWR-Approved Flow Meter Requirement* and can be found online at <http://www.idwr.idaho.gov/forms/water-measurement.html>. At the time, a formal decision had not been made about whether removing the end gun would constitute a simple system. Brian stated that more guidance about flow meter installation is forthcoming. A water users asked if photos are required with the variance applications. Brian replied that the visual would be very helpful to all parties involved when discussing the flow meter and application.

Wendy Murphy reviewed the changes to the Resolutions for Water District 110. The major changes were date changes, the proposed budget updates in resolution #7, the change from Don Parker to James Cefalo as a backup designated authorized signature in resolution #9, and adding the words "at least" 5 board members in resolution #10. Lynn Burtenshaw made a motion to approve the resolutions and budget and Mike Cope seconded. The motion passed unanimously.

Lee Burtenshaw moved to elect the 2017 advisory committee as presented. The committee will be Kirk Jacobs, Keith Shuldborg, Mike Cope, Daren Bitter, Lynn Burtenshaw (At Large), Scott Clawson, and Don Parker. Byron Wood seconded the motion and it passed unanimously.

The meeting adjourned at 2:50pm.

Water District 110 Annual Meeting - 02/08/2017

[illegible]

Water District 110 Annual Meeting - 02/08/2017

[illegible]

[illegible]

WD110 Direct Measured	293,642.9	293,642.9
Jefferson Irrigation	28,506.8	
Monteview	19,360.5	
Producers	11,904.5	59,771.9
WD31	89,812.8	89,812.8
	443,227.6	443,227.6

0.119	0.127
34,943.5	37,292.65
3,392.3	3,620.36
2,303.9	2,458.79
1,416.6	1,511.88
10,687.7	
52,744.1	44,883.81

JAXON HIGGS DATA		AF USE
WD110 Direct Measured	288,978.0	288,978.0
Jefferson Irrigation	28,506.8	
Monteview	19,360.5	
Producers	11,904.5	59,771.8
WD31	89,884.0	89,884.0
	438,633.8	438,633.8

0.119	0.127
34,388.4	36,700.21
3,392.3	3,620.36
2,303.9	2,458.78
1,416.6	1,511.87
10,696.2	
52,197.4	44,291.35

	ACRES	CFS
WD110 Direct Measured	130,841.6	2,175.8
Jefferson Irrigation	10,740.0	252.1
Monteview	4,455.0	134.7
Producers	2,169.5	61.0
Mud Lake WU	24,261.3	
Independent	4,138.5	
	176,605.9	2,623.5

1928
1932-1934

[illegible]



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N Skyline Dr., Ste A, Idaho Falls, Idaho 83402-1718

Phone: (208) 525-7161 FAX: (208) 525-7177 www.idwr.idaho.gov

November 14, 2016

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director



Water District 110
Wendy Murphy
900 N Skyline Dr Ste A
Idaho Falls ID 83402

Re: Annual Water District Meeting Information Form

Please **complete this annual water district meeting information form and return it to IDWR** (contact information below). Upon receipt of the completed form, IDWR sends meeting notices to each water user and interested party in the district. Notices must be mailed no later than three weeks prior to the meeting day. Therefore, to provide IDWR adequate time to create and mail the notices, please **return the completed form to IDWR by as soon as possible.**

Meeting Location

Facility Name West ~~Terreton~~ High School
Room Name/Number Auditorium (Old Church)
Street Address 1260 E 1500 N
City Terreton, ID 83450

Meeting Time/Day

Date (month, day, year) February 8, 2017
Day of Week Wednesday
Time 1:00 pm

Wendy J. Murphy
Signature, Water District Representative

Secretary
Title

208-525-7161
Representative Phone Number

wendy.murphy@idwr.idaho.gov
Representative Email Address

Return this form via mail, fax, or email, attention: Sharla Cox, sharla.cox@idwr.idaho.gov or to the address above.

Thank you,

Sharla Cox
Sharla Cox
Administrative Assistant