

WATERMASTER'S REPORT

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MAR 09 2020
Department of Water Resources
Eastern Region

From March 1st, 2019 To February 29th, 2020

Water District No. 34

Name of Watermaster Lucas Yockey

Mailing Address P.O. Box 53 / Mackay, ID 83251

AFFIDAVIT OF WATERMASTER

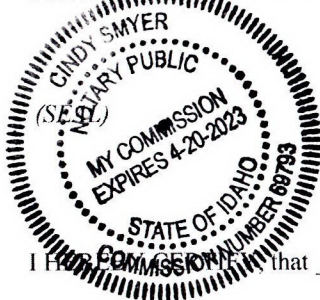
STATE OF IDAHO)
) ss.
COUNTY OF Butte & Custer)

Lucas Yockey, being first duly sworn, deposes and says that he/she is Watermaster of Water District #34, having been lawfully appointed by Gary Spackman, Director, Idaho Department of Water Resources, and that the volumes of water, as stated in this report and prorated by him/her to the water right holders of the district are correct.



(Deputy) Watermaster District No. #34

Subscribed and sworn to before me, this 28th day of January, 2020



Cindy Smyer

Notary Public

My Commission expires 4/20/2023

Boise, Idaho _____, 20____

I have _____ that _____ was lawfully appointed by me as Watermaster of Water District No. _____, and that the information contained in this report, as herein sworn to, is, to the best of my knowledge and belief, correct.

Director, Department of Water Resources

By _____

SCANNED

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2019 Watermaster Report

Water District 34 Water Right Accounting 2019

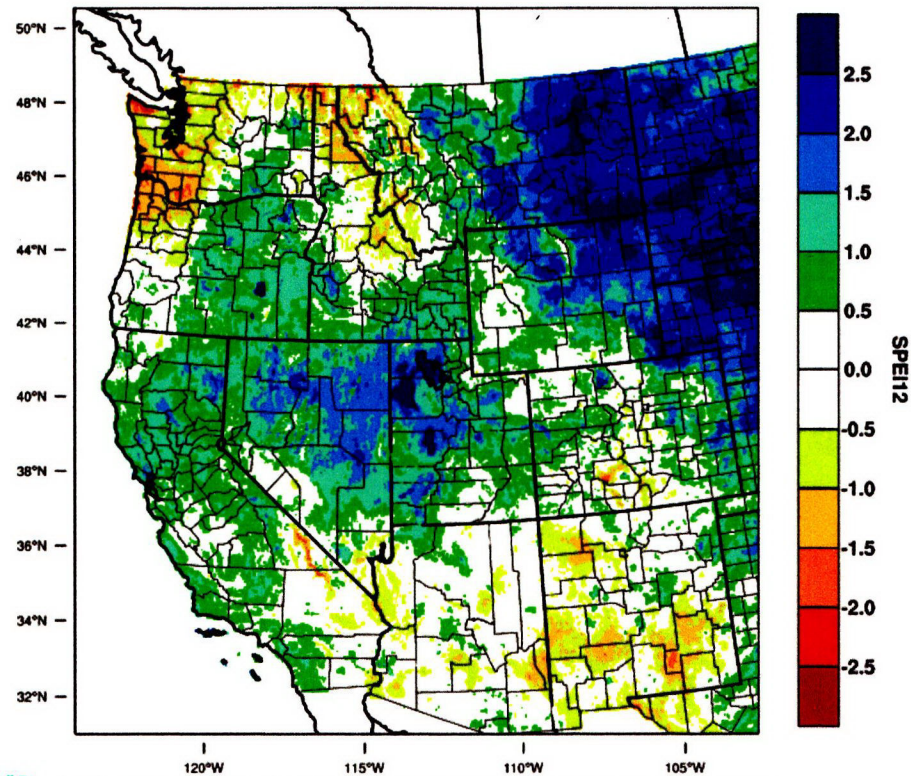
David Hoekema, Hydrologist, IDWR
March 2, 2020

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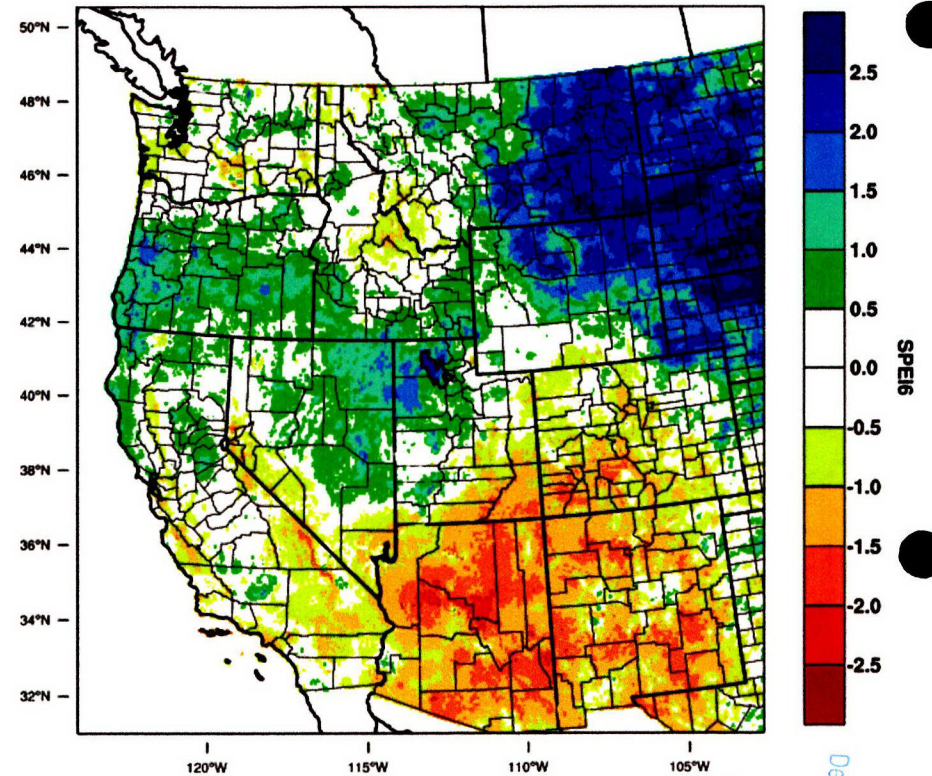
Water Year 2019

Western United States - 12 month SPEI
September 2019



WestWide Drought Tracker, U Idaho/WRCC Data Source: PRISM (Prelim), created 16 OCT 2019

Western United States - 6 month SPEI
September 2019



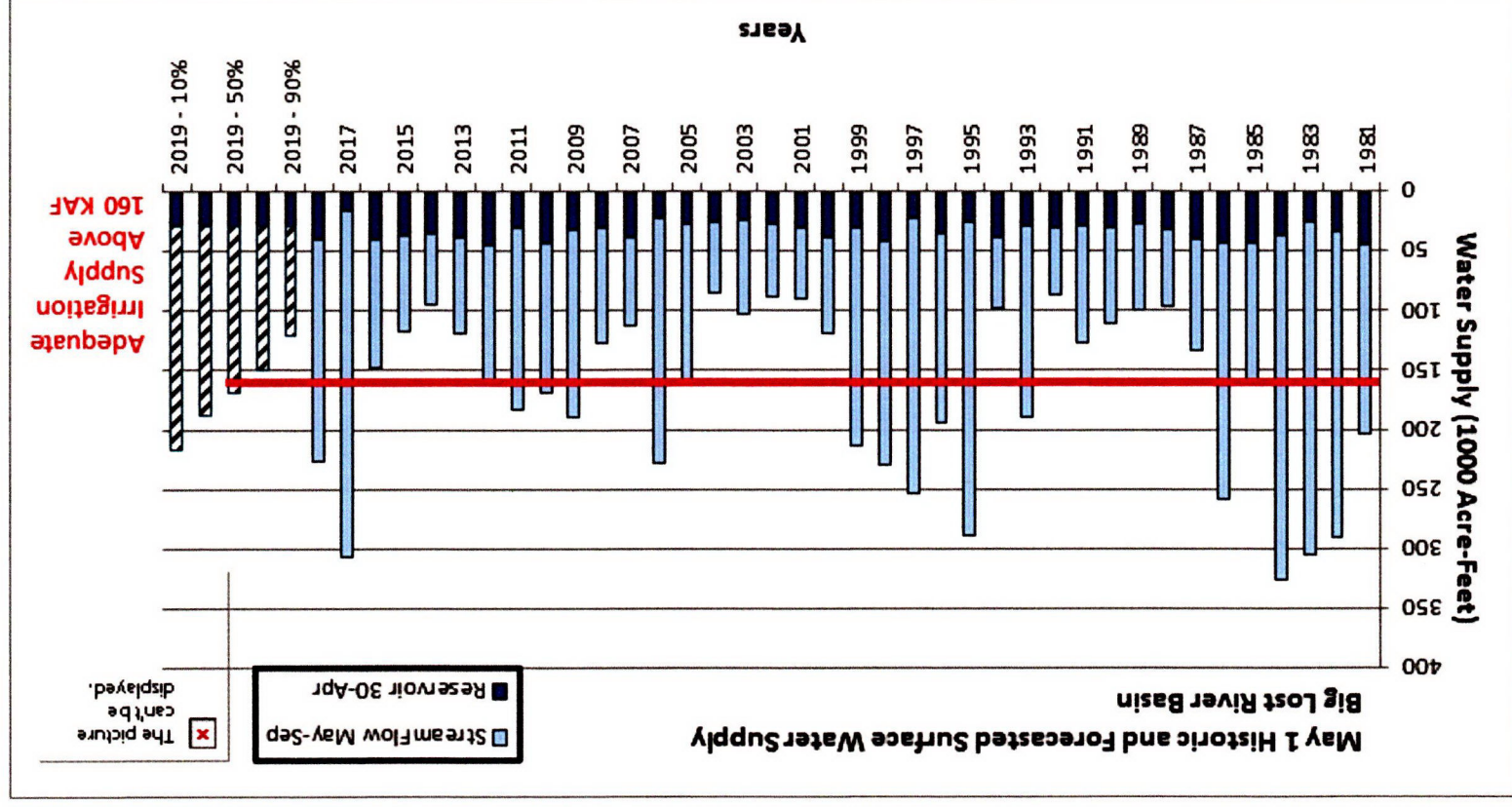
WestWide Drought Tracker, U Idaho/WRCC Data Source: PRISM (Prelim), created 16 OCT 2019

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May 1: Forecast & Reservoir Content



May 1: Forecast & Reservoir Content

Big Lost River Basin SWSI		Adequate Water Supply Greater than -0.1 SWSI or 160 KAF					
Station ID	Station Name	Period	Data Type	Years	# of Years		
13127000	Big Lost R b/w Mackay Reservoir	May-Sep	strm	1981-2018	38	Units KAF	
13126000	Mackay Reservoir	30-Apr	resv	1981-2018	38	Units KAF	
ENSO Classification							
SE Strong El Nino - EN Mild El Nino - N Neutral - LN Mild La Nina - SL Strong La Nina							
Rank	Year	Enso	Stream Flow May-Sep	Reservoir 30-Apr	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	1984	N	290	37	327	97%	4.0
2	2017	LN	291	17	307	95%	3.7
3	1983	SE	280	25	305	92%	3.5
4	1982	N	256	34	291	90%	3.3
5	1995	SE	264	26	289	87%	3.1
6	1986	N	215	44	259	85%	2.9
7	1997	N	232	23	254	82%	2.7
8	1998	SE	188	42	230	79%	2.5
9	2006	N	206	23	229	77%	2.2
10	2018	N	187	40	227	74%	2.0
2019 10% Chance Exceedance Forecast							
11	1999	SL	183	30	214	72%	1.8
12	1981	N	159	45	204	69%	1.6
13	1996	N	158	36	194	67%	1.4
14	1993	EN	161	29	190	64%	1.2
15	2009	N	158	32	189	62%	1.0
2019 30% Chance Exceedance Forecast							
16	2011	SL	152	31	183	59%	0.7
2019 50% Chance Exceedance Forecast							
17	2010	EN	125	44	168	56%	0.5
18	2005	EN	134	27	161	54%	0.3
19	2012	LN	116	44	160	51%	0.1
20	1985	N	116	43	159	49%	-0.1
2019 70% Chance Exceedance Forecast							
21	2016	SE	108	40	148	46%	-0.3
22	1987	N	92	41	133	44%	-0.5
23	2008	N	97	31	127	41%	-0.7
24	1991	N	98	29	126	38%	-1.0
2019 90% Chance Exceedance Forecast							
25	2013	N	80	39	119	36%	-1.2
26	2000	N	79	39	118	33%	-1.4
27	2015	EN	81	37	118	31%	-1.6
28	2007	EN	74	39	113	28%	-1.8
29	1990	N	80	30	110	26%	-2.0
30	2003	EN	79	24	103	23%	-2.2
31	1989	SL	72	28	100	21%	-2.5
32	1994	SE	60	39	98	18%	-2.7
33	1988	SE	64	32	96	15%	-2.9
34	2014	N	60	35	94	13%	-3.1
35	2001	LN	59	31	90	10%	-3.3
36	2002	N	61	27	88	8%	-3.5
37	1992	EN	56	31	87	5%	-3.7
38	2004	N	59	26	85	3%	-4.0

Exceedance Probability Forecast

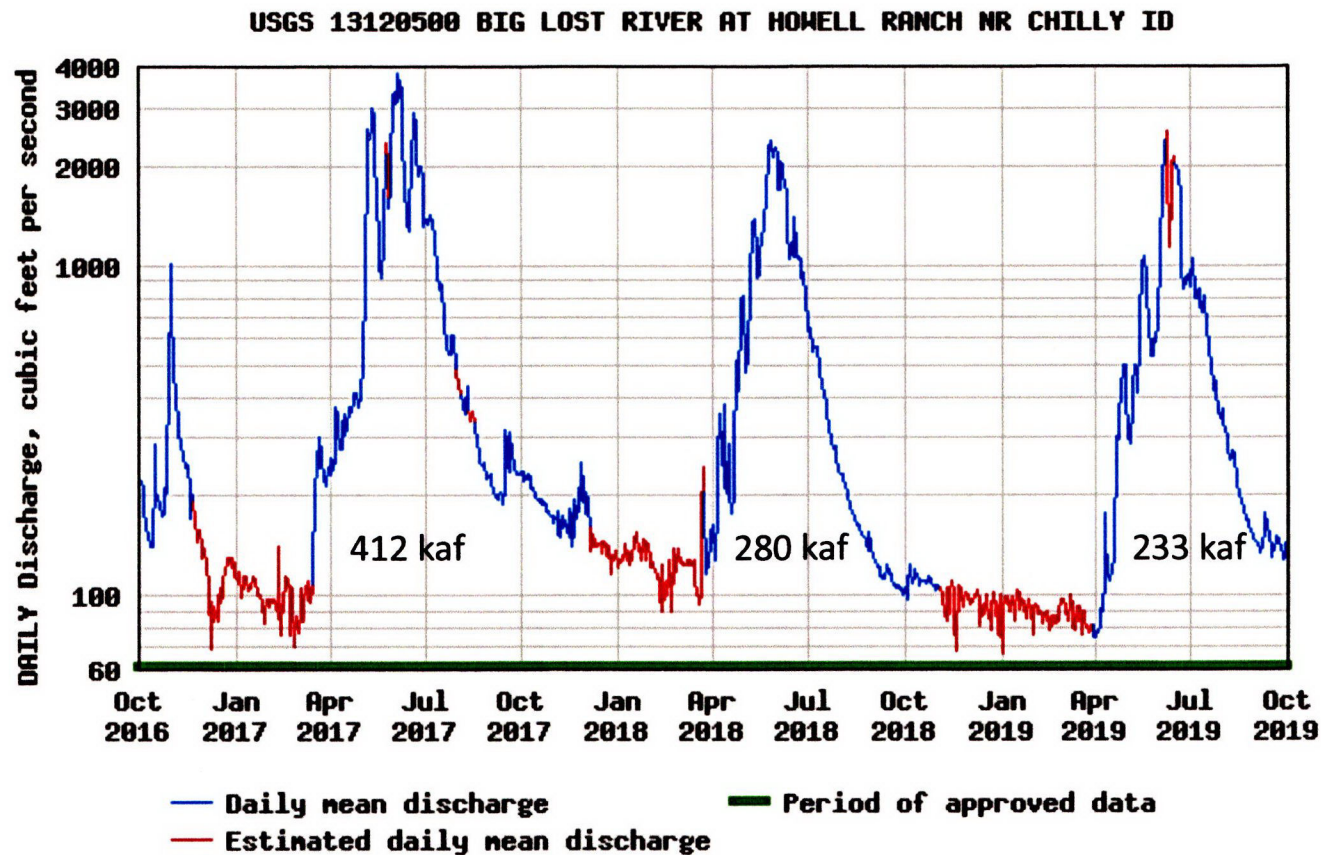
10%	188 kaf
30%	160 kaf
50%	140 kaf
70%	121 kaf
90%	92 kaf

Actual **159.8 kaf** –63th percentile

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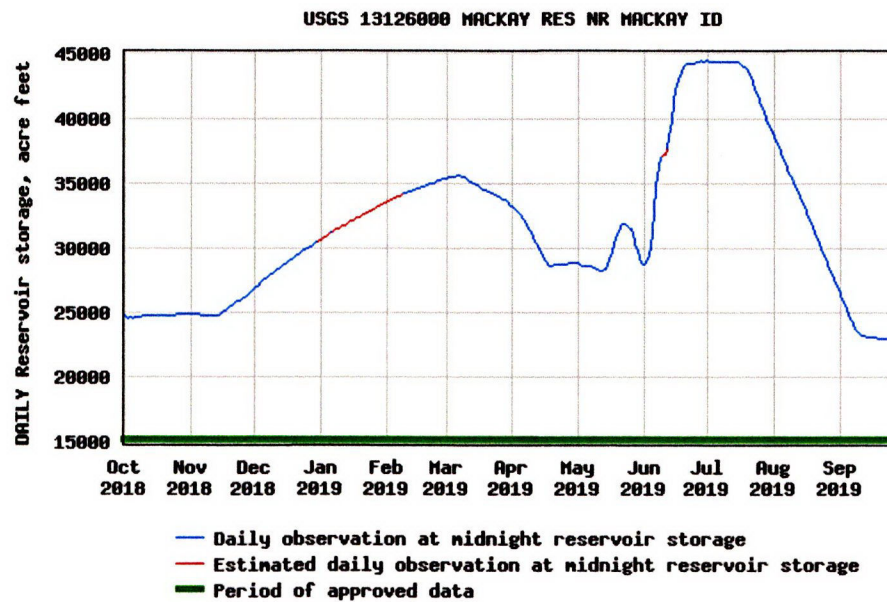
Water Years 2017, 2018, 2019: Streamflow



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Mackay Reservoir 2019 Water-Year



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Basin Water Balance: above Reservoir

Above Chilly Reach (May 1 to October 15)		
Howell Gage	185,921	ac-ft
Diversions	29,528	ac-ft
Reach Gain	-36,389	ac-ft
Chilly Bridge	120,005	ac-ft

Warm Springs Reach		
Nielsen Injection	866	ac-ft
Diversions	5,368	ac-ft
Reach Gain	14,945	ac-ft
Shoupe Gage	10,443	ac-ft

Chilly to Reservoir Reach		
Chilly Bridge	120,005	ac-ft
Thousand Springs Gage	7,013	ac-ft
Shoupe Gage	10,443	ac-ft
Diversions	6,583	ac-ft
Reach Gain	37,450	ac-ft
Calculated Res. Inflow	168,328	ac-ft

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Basin Water Balance: below Reservoir

			Inflow	Diversion	Decree	Storage	Groundwater IN	Groundwater OUT	Reach Gain	Outflow	% Conveyance
Reservoir to 2B Gage			174,605	2,421	2,340	81	0	0	0	172,184	
2B Gage to Leslie Bridge			172,184	44,198	33,632	10,566	0	0	6,614	134,600	4%
Leslie Bridge to blw Moore			134,600	50,164	37,102	13,062	0	0	-19,566	64,870	-15%
blw Moore to Sunset Bridge			64,870	17,640	11,831	3,252	3,284	2,558	-14,251	32,979	-22%
Sunset Bridge to Arco Gage			32,979	625	519	106			-3,882	28,472	-12%
			174,605	115,048	85,424	27,066			-31,084	28,472	-18%
								78%		Shrink	82%

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Water Right Accounting: July 20th to Oct. 15th

Saturday, July 20, 2019

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	67740.3
Total Storage Loss	-41493.6
Total Storage Deliver	-10062.3
Total Evaporation	-1404.2
Accounting Balance	43650.2
Current Reservoir Content	43650.0
Storage Balance Error	0.2

Tuesday, October 15, 2019

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/30)	28870.0
Allocated Storage	76916
Total Storage Loss	-54186.7
Total Storage Deliver	-26030.3
Total Evaporation	-2765.7
Accounting Balance	22803.3
Current Reservoir Content	22800.0
Storage Balance Error	3.3

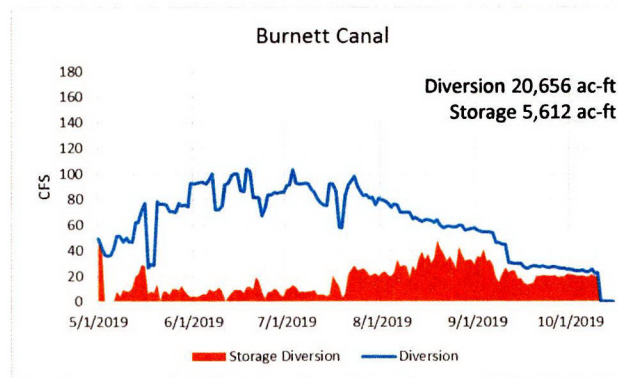
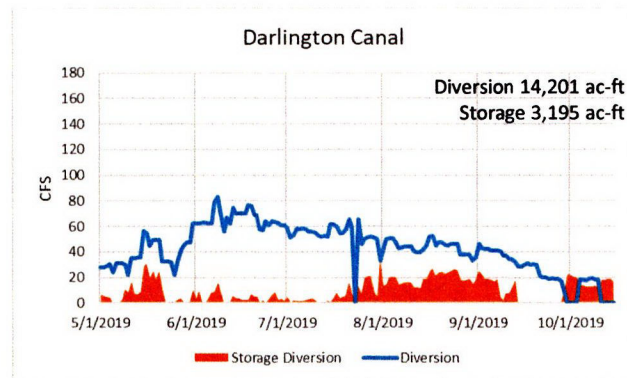
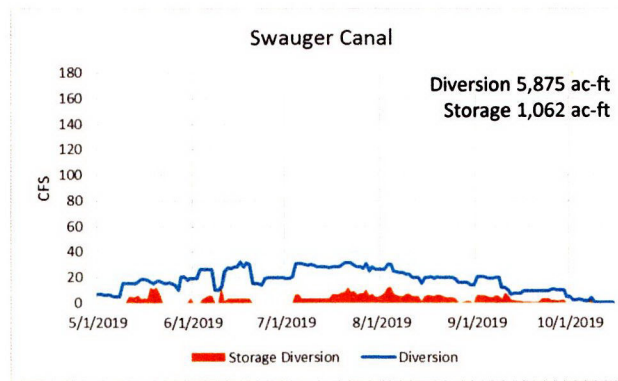
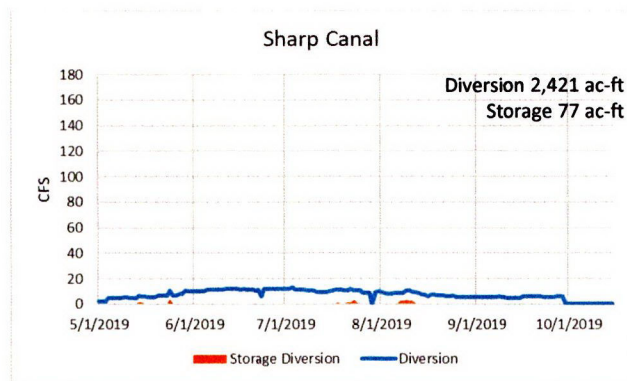
Change from July 20th to October 15th
RESERVOIR BALANCE CALCULATION (AF)

Storage morning July 20th	43650.0
Allocated Storage	9175.7
Total Storage Loss	-12693.1
Total Storage Deliver	-15968.0
Total Evaporation	-1361.5
Accounting Balance	22803.1
Current Reservoir Content	22800.0
Storage Balance Error	3.1
Storage Shrink	56%

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Canal Deliveries below the Reservoir



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Canal Deliveries below the Reservoir

Beck Diversion

Diversion 2,855 ac-ft
Storage 271 ac-ft

Pehrson Diversion

Diversion 611 ac-ft
Storage 0.9 ac-ft

UC Canal Diversion

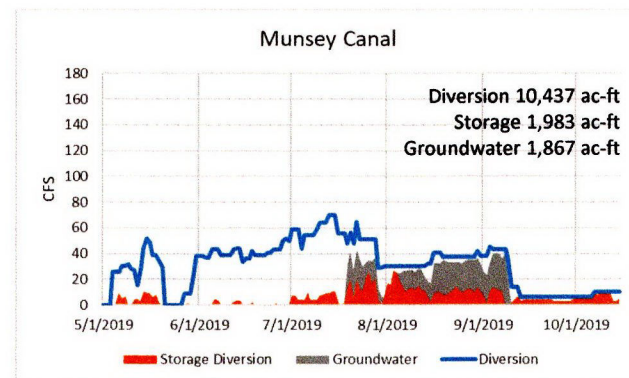
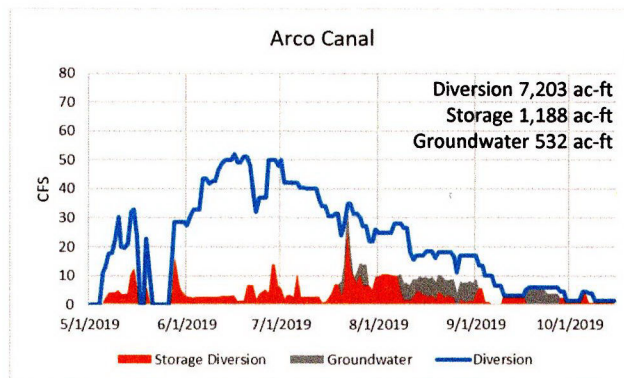
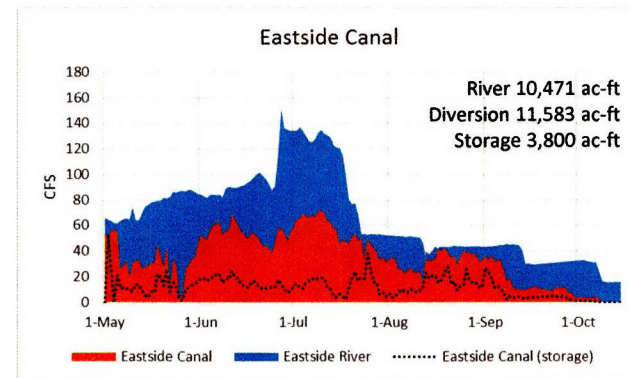
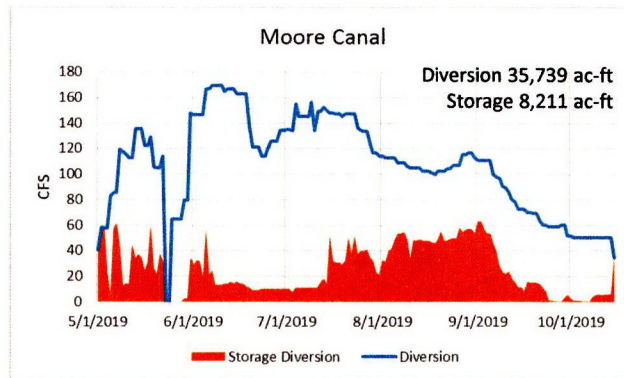
Diversion 744 ac-ft
Storage 417 ac-ft

3 in 1 Canal

Diversion 1,720 ac-ft
Storage 152 ac-ft

Crawford Pump

Diversion 393 ac-ft
Storage 59 ac-ft



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Storage Use Corrections

Storage Use below Mackay Reservoir			
Canal	Storage with error	Storage corrected	Difference
Sharp	78	77	-1
Swauger	1,062	1,062	0
Darlington	3,205	3,195	-10
Burnett	5,644	5,612	-32
Beck	280	271	-9
Pehrson	1	1	0
UC Canal	417	417	0
3 in 1	153	152	0
Crawford Pump	59	59	0
Moore	8,242	8,211	-31
Eastside	3,810	3,800	-10
Arco	1,146	1,188	42
Munsey	1,964	1,984	20
Quist	159	158	0
Total	26,218	26,188	30

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Bureau of Water

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MAR 09 2020

Contact Information

David Hoekema
Idaho Department of Water Resources
322 E. Front Street
Boise, ID 83706

(208) 287-4830 (desk)
(714) 697-3203 (cell)

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Eastern Region

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BARTON FLATS AREA – Jake Johnson

The area South of the Bartlet Point Road and downstream of the intersection of the Chilly Slough and the Big Lost River to the Mackay Reservoir.

MOORE AREA – Vacant

The area downstream of the Moore Diversion being south of County Road 3450 North to 3400 West then north to 3500 North turning East to the Moore substation then to the Moore Diversion. From the Moore Diversion East on a straight line to the Lost River Electrics switch yard on the east side of the valley,
And East of Highway 93 down to the Arco Diversion.

LOST RIVER AREA – Darrell Lee McDonald

That area South of Antelope Point and West of and following Highway 93 down to the Arco Diversion then West following the section line (county road 2600 North) to the point it intersects the Old Highway. Then North West on the Old Highway to the Big Lost River and continuing North West up the Big Lost River channel to the point it meets the Lower Blaine Canal then Westerly following the Lower Blaine Canal to the point it reach's the end of the Moore Canal and connects with the Blaine Canal (Timber Dome).

SCANNED
APR 04 2019

State of Idaho
Department of Water Resources
Certificate of Appointment

*This is to certify that I have on this day appointed Michael King as
Assistant Watermaster of Water District 34 from this day until the 2020 annual
meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section
42-607, at such rate of compensation as established by applicable law.*



*This certificate has been issued and the seal of the
Director fixed at Boise, Idaho, this 4th
day of April, 2019.*

Gary Spackman

Director - IDWR

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

RECEIVED
APR 04 2019
Department of Water Resources
Eastern Region

State of Idaho)
)
County of Custer & Butte) ss

Official Oath

I do solemnly swear or affirm that I will support the Constitution of the United States, the Constitution and laws of the State of Idaho, specifically including the provisions of Section 42-605 and 42-607, Idaho Code, and that I will faithfully discharge all duties as Assistant Watermaster of District #34 according to the best of my ability. So help me God.

Michael King
Assistant Watermaster

SUBSCRIBED AND SWORN TO before me this 8 day of March, 2019

[Signature]
Notary Public
Residing At Leslie ID
Commission Expires 4-20-23

SEAL



Michael King

SCANNED
APR 04 2019

SCANNED

State of Idaho
Department of Water Resources
Certificate of Appointment

*This is to certify that I have on this day appointed Kelsey Broadie as
Assistant Watermaster of Water District 34 from this day until the 2020 annual
meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section
42-607, at such rate of compensation as established by applicable law.*



*This certificate has been issued and the seal of the
Director fixed at Boise, Idaho, this 4th
day of April, 2019.*

Gary Spackman

Director - IDWR

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

RECEIVED
APR 04 2019
Department of Water Resources
Eastern Region

State of Idaho)
County of Custer & Butte) ss

Official Oath

I do solemnly swear or affirm that I will support the Constitution of the United States, the Constitution and laws of the State of Idaho, specifically including the provisions of Section 42-605 and 42-607, Idaho Code, and that I will faithfully discharge all duties as Assistant Watermaster of District #34 according to the best of my ability. So help me God.

Kelsey Broadie
Assistant Watermaster

SUBSCRIBED AND SWORN TO before me this 29 day of March 2019



[Signature]
Notary Public
Residing At Leslie, ID
Commission Expires 4-20-23

Kelsey Broadie

SCANNED
APR 04 2019



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700

Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

March 28, 2019

Lucas Yockey
Water District 34
PO Box 53
Mackay, ID 83251-0053

RE: 2019 Watermaster Appointment and Related Watermaster Instructions

Dear Mr. Yockey,

Enclosed is your Water District 34 watermaster certificate of appointment for the ensuing year. I understand staff from the Idaho Department of Water Resources ("Department") has discussed with you concerns about potential conflicts of interest related to your employment as both the Water District 34 watermaster and the Big Lost River Irrigation District ("BLRID") general manager. I further understand Department staff commented on this concern at the Water District 34 annual meeting earlier this month and staff advised that the Director may appoint you as watermaster with specific guidance to avoid conflicts of interest.

Prior to your appointment, you signed an oath to perform watermaster duties as described in Idaho Code §§ 42-605 and 42-607. In essence, you are an extension of the Department, and are bound by similar obligations as an employee of the Department to perform the watermaster duties, as instructed by the Department, to the exclusion of any other water related interests you may have. Principles of ethical behavior demand that you avoid direct conflicts of interest and the appearance of conflicts. Therefore, the Director will expect the following actions in both your roles as watermaster and BLRID general manager:

1. In your day-to-day activity as the BLRID general manager, you must identify any possible conflict between the BLRID activity and your watermaster responsibility. You cannot excuse yourself from your watermaster duties when there is a conflict. As a result, you must openly identify the conflict to avoid the appearance of conflict and recuse yourself from the BLRID activity when it conflicts or may conflict with your watermaster duties.

2. The rules for distribution of water in Water District 34 require that, when there is a dispute in canals and laterals, the watermaster may investigate the dispute to resolve the conflict. Because of the inherent conflict in delivery of water through BLRID conveyance works and oversight by BLRID ditch riders and your watermaster duties, this function should be performed by the advisory committee of Water District 34.

3. In addition to the water rights accounting program maintained by the Department, the watermaster may calculate the water rights priority delivery dates or priority “decree call” on the Big Lost River and tributaries. The watermaster’s priority “decree call” is typically a projected water rights priority calculation whereas the priority delivery date from the Department’s accounting program is an “after the fact” priority date calculation (the priority call is determined for each day but results for each day lag by at least one day.) The priority date determinations from the watermasters projected calculation and the Department’s accounting program have some inherent differences which can raise questions or suspicion about possible data manipulation or inappropriate water delivery. To promote consistency and accuracy, and to avoid the appearance of manipulation, the Department requires you in your capacity as watermaster to implement the following actions:

- i. Keep a daily record of the projected priority “decree call” calculations, including the values used for the calculations, and submit those records to the Department weekly; and
- ii. You must use the Department's accounting program for final determinations of priority “decree calls” as well as final determinations of natural flow and storage water deliveries and allocation of losses between storage water and natural flow.

4. If, in your capacity as either watermaster or BLRID general manager, you believe the BLRID ditch rider logs or storage balance worksheets are in significant error (greater than $\pm 10\%$), you shall present the error to the BLRID and obtain approval from the BLRID Board prior to making revisions.

5. In your capacity as watermaster, rotation of water rights into storage must be in accordance with the Department’s *Final Order Regarding Instructions to the Water District 34 Watermaster in the Matter of the Administration and Accounting of Rotating Natural Flow Water Rights into Mackay Reservoir for Storage, July 18, 2016*.

6. Administration of water in the following areas may only be implemented following consultation with Department staff: (1) Delivery of water above Mackay Reservoir separately from the remainder of the Big Lost River; (2) Determinations of whether a call for delivery of water is futile; (3) Delivery of the water district’s recharge rights; and (4) Any other decision that would place the rights of BLRID in conflict with other water rights.

7. Idaho Code § 42-605(8) authorizes the director of the Department to remove a watermaster upon complaint of a water user and a determination that the watermaster has failed to perform his duty. One of your duties is to ensure at all times that you have properly disclosed potential conflicts or the appearance of conflicts to the Department and the water users and that you avoid all actual conflicts. As a result, when the Department receives any complaint from a water user alleging a conflict between BLRID general manager and watermaster responsibilities, you must overcome a Department presumption that the allegation is true. As a result, the Department will forward a copy of the complaint to you, and you must respond, in a detailed written narrative, why the action in the complaint is not a conflict of interest or a violation of ethics. The written response must be filed with the Department within seven days of your receipt

of a copy of the complaint. Failure to adequately explain that the action is not a conflict could result in your removal.

Note that the requirements listed above are intended to address potential conflict of interest issues that may arise. However, as we cannot foresee the specific conflicts you will face, these requirements may be subject to change. As the season progresses, I may choose to refine these requirements to more adequately address issues as they arise. Note also, that these requirements can be withdrawn from your duties if the conflict of interest is no longer present.

Congratulations on your appointment. Please contact me if you have any further questions or concerns on this matter.

Sincerely,



Gary Spackman
Director

cc: Water District 34 Advisory Committee
BLRID Board of Directors
Kent Fletcher, Attorney, BLRID
Tim Luke, IDWR Water Compliance Bureau
David Hokema, IDWR Hydrology Section
IDWR Eastern Region



State of Idaho

Department of Water Resources

322 East Front St, PO Box 83720, Boise, ID 83720-0098 • 208-287-4800 • www.idwr.idaho.gov

Certificate of Appointment

This is to certify that I have appointed Lucas Yockey as *Watermaster* of *Water District* 34, from this day until the 2020 annual meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section 42-605, at such rate of compensation as established by applicable law.



This certificate has been issued and the seal of the Director fixed at Boise, Idaho, this day, March 28, 2019.

Gary Spackman
IDWR Director

MAR 28 2019

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State of Idaho
Department of Water Resources

322 East Front St, PO Box 83720, Boise, ID 83720-0098 • 208-287-4800 • www.idwr.idaho.gov

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MAR 28 2019

Certificate of Appointment

This is to certify that I have appointed Lucas Yockey as **Watermaster** of **Water District** 34, from this day until the 2020 annual meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section 42-605, at such rate of compensation as established by applicable law.



This certificate has been issued and the seal of the Director fixed at Boise, Idaho, this day, March 28, 2019.

Gary Spackman
IDWR Director

SCANNED
MAR 28 2019

State of Idaho
Department of Water Resources
Certificate of Appointment

*This is to certify that I have on this day appointed Kenny Buckwalter as
Assistant Watermaster of Water District 34 from this day until the 2020 annual
meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section
42-607, at such rate of compensation as established by applicable law.*



*This certificate has been issued and the seal of the
Director fixed at Boise, Idaho, this 28th
day of March, 2019.*

Gary Spackman

Director - IDWR

SCANNED
MAR 28 2019

State of Idaho
Department of Water Resources
Certificate of Appointment

*This is to certify that I have on this day appointed Wayne Westguard as
Assistant Watermaster of Water District 34 from this day until the 2020 annual
meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section
42-607, at such rate of compensation as established by applicable law.*



*This certificate has been issued and the seal of the
Director fixed at Boise, Idaho, this 28th
day of March, 2019.*

Gary Spackman

Director - IDWR

SCANNED

MAR 28 2019

State of Idaho
Department of Water Resources
Certificate of Appointment

This is to certify that I have on this day appointed Preston Marcroft *as*
Assistant Watermaster of Water District 34 *from this day until the 2020 annual*
meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section
42-607, at such rate of compensation as established by applicable law.



This certificate has been issued and the seal of the
Director fixed at Boise, Idaho, this 28th *—*
day of March *, 2019.*

Gary Spackman

Director - IDWR

State of Idaho
Department of Water Resources
Certificate of Appointment

SCANNED

28 2019

*This is to certify that I have on this day appointed Cindy Smyer as
Treasurer of Water District 34 from this day until the 2020 annual
meeting or until his/her successor is appointed and qualified under the provisions of Idaho Code Section
42-619, at such rate of compensation as established by applicable law.*



*This certificate has been issued and the seal of the
Director fixed at Boise, Idaho, this 28th
day of March, 2019.*

Gary Spackman

Director - IDWR

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

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MAR 11 2019

Department of Water Resources
Eastern Region

State of Idaho)
County of Custer & Butte) ss

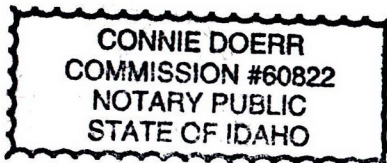
Official Oath

I do solemnly swear or affirm that I will support the Constitution of the United States, and the Constitution and laws of the State of Idaho, specifically including the provisions of Sec. 42-619, Idaho Code, and that I will faithfully discharge all the duties of the office of treasurer of District #34 for the calendar year of 2019-2020 according to the best of my ability. So help me God.

[Signature]
Treasurer

SUBSCRIBED AND SWORN TO before me this 5th day of March, 2019

Seal



Connie Doerr
Notary Public

Residing at Mackay ID

Commission Expires 12-17-2024

SCANNED

MAR 28 2019

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

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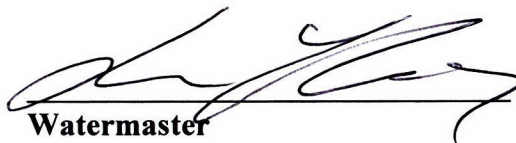
MAR 11 2019

Department of Water Resources
Eastern Region


State of Idaho)
) ss
County of Custer & Butte)

Official Oath

I do solemnly swear or affirm that I will support the Constitution of the United States, the Constitution and laws of the State of Idaho, specifically including the provisions of Section 42-605 and 42-607, Idaho Code, and that I will faithfully discharge all the duties of the office of Watermaster of District #34 according to the best of my ability. So help me God.


Watermaster

SUBSCRIBED AND SWORN TO before me this 6th day of March, 2019.


Notary Public
Residing At Leslie, ID 83251
Commission Expires 04-20-2023



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Department of Water Resources
Eastern Region


State of Idaho)
) ss
County of Custer & Butte)

Official Oath

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Assistant Watermaster

SUBSCRIBED AND SWORN TO before me this 5 day of March, 2019



Notary Public

Residing At Leslie, ID

Commission Expires 4-20-23

SEAL



Kenny Buckwalter

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Department of Water Resources
Eastern Region

State of Idaho)
County of Custer & Butte) ss

Official Oath

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Wayne A. Westguard
Assistant Watermaster

SUBSCRIBED AND SWORN TO before me this 4 day of march 2019

Cindy Smyer
Notary Public
Residing At Leslie, Id
Commission Expires 4-20-23

SEAL



Wayne Westguard

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BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

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Department of Water Resources
Eastern Region

State of Idaho)
County of Custer & Butte) ss

Official Oath

I do solemnly swear or affirm that I will support the Constitution of the United States, the Constitution and laws of the State of Idaho, specifically including the provisions of Section 42-605 and 42-607, Idaho Code, and that I will faithfully discharge all duties as Assistant Watermaster of District #34 according to the best of my ability. So help me God.

Preston Marcroft
Assistant Watermaster

SUBSCRIBED AND SWORN TO before me this 6 day of March, 2019

Cindy Smyer
Notary Public
Residing At Leslie ID
Commission Expires 4-20-2023



Preston Marcroft

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Department of Water Resources
Eastern Region

PETITION FOR WATERMASTER'S SERVICES

mackay - ^{ArCo} Idaho
march 4, 2019

RE: Water District No. 34
Stream: Big Lost River
TO: IDAHO DEPARTMENT OF WATER RESOURCES

I, the undersigned, owner or manager of ditches or person controlling ditches in Water District No. 34, hereby request the services of a watermaster for the reason that there is a necessity for the use and control of the waters of the District.

NAME OF WATERMASTER: Lucas Yockey
ADDRESS OF WATERMASTER: P.O. Box 53 mackay ID 83251
PHONE NUMBER: 208-588-3137 / 208-589-3138

Date watermaster is to start: 3-5-2019

If known, the date services of watermaster are to terminate: march 2, 2020

[Signature] P.O. Box 53 mackay 208-588-3137
signature address telephone

WARNING: Watermaster cannot begin services until ALL conditions of appointment have been fulfilled.



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700

Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

March 28, 2019

Lucas Yockey
Water District 34
PO Box 53
Mackay, ID 83251-0053

RE: 2019 Watermaster Appointment and Related Watermaster Instructions

Dear Mr. Yockey,

Enclosed is your Water District 34 watermaster certificate of appointment for the ensuing year. I understand staff from the Idaho Department of Water Resources ("Department") has discussed with you concerns about potential conflicts of interest related to your employment as both the Water District 34 watermaster and the Big Lost River Irrigation District ("BLRID") general manager. I further understand Department staff commented on this concern at the Water District 34 annual meeting earlier this month and staff advised that the Director may appoint you as watermaster with specific guidance to avoid conflicts of interest.

Prior to your appointment, you signed an oath to perform watermaster duties as described in Idaho Code §§ 42-605 and 42-607. In essence, you are an extension of the Department, and are bound by similar obligations as an employee of the Department to perform the watermaster duties, as instructed by the Department, to the exclusion of any other water related interests you may have. Principles of ethical behavior demand that you avoid direct conflicts of interest and the appearance of conflicts. Therefore, the Director will expect the following actions in both your roles as watermaster and BLRID general manager:

1. In your day-to-day activity as the BLRID general manager, you must identify any possible conflict between the BLRID activity and your watermaster responsibility. You cannot excuse yourself from your watermaster duties when there is a conflict. As a result, you must openly identify the conflict to avoid the appearance of conflict and recuse yourself from the BLRID activity when it conflicts or may conflict with your watermaster duties.

2. The rules for distribution of water in Water District 34 require that, when there is a dispute in canals and laterals, the watermaster may investigate the dispute to resolve the conflict. Because of the inherent conflict in delivery of water through BLRID conveyance works and oversight by BLRID ditch riders and your watermaster duties, this function should be performed by the advisory committee of Water District 34.

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3. In addition to the water rights accounting program maintained by the Department, the watermaster may calculate the water rights priority delivery dates or priority "decree call" on the Big Lost River and tributaries. The watermaster's priority "decree call" is typically a projected water rights priority calculation whereas the priority delivery date from the Department's accounting program is an "after the fact" priority date calculation (the priority call is determined for each day but results for each day lag by at least one day.) The priority date determinations from the watermasters projected calculation and the Department's accounting program have some inherent differences which can raise questions or suspicion about possible data manipulation or inappropriate water delivery. To promote consistency and accuracy, and to avoid the appearance of manipulation, the Department requires you in your capacity as watermaster to implement the following actions:

- i. Keep a daily record of the projected priority "decree call" calculations, including the values used for the calculations, and submit those records to the Department weekly; and
- ii. You must use the Department's accounting program for final determinations of priority "decree calls" as well as final determinations of natural flow and storage water deliveries and allocation of losses between storage water and natural flow.

4. If, in your capacity as either watermaster or BLRID general manager, you believe the BLRID ditch rider logs or storage balance worksheets are in significant error (greater than $\pm 10\%$), you shall present the error to the BLRID and obtain approval from the BLRID Board prior to making revisions.

5. In your capacity as watermaster, rotation of water rights into storage must be in accordance with the Department's *Final Order Regarding Instructions to the Water District 34 Watermaster in the Matter of the Administration and Accounting of Rotating Natural Flow Water Rights into Mackay Reservoir for Storage, July 18, 2016*.

6. Administration of water in the following areas may only be implemented following consultation with Department staff: (1) Delivery of water above Mackay Reservoir separately from the remainder of the Big Lost River; (2) Determinations of whether a call for delivery of water is futile; (3) Delivery of the water district's recharge rights; and (4) Any other decision that would place the rights of BLRID in conflict with other water rights.

7. Idaho Code § 42-605(8) authorizes the director of the Department to remove a watermaster upon complaint of a water user and a determination that the watermaster has failed to perform his duty. One of your duties is to ensure at all times that you have properly disclosed potential conflicts or the appearance of conflicts to the Department and the water users and that you avoid all actual conflicts. As a result, when the Department receives any complaint from a water user alleging a conflict between BLRID general manager and watermaster responsibilities, you must overcome a Department presumption that the allegation is true. As a result, the Department will forward a copy of the complaint to you, and you must respond, in a detailed written narrative, why the action in the complaint is not a conflict of interest or a violation of ethics. The written response must be filed with the Department within seven days of your receipt

Lucas Yockey
March 28, 2019

of a copy of the complaint. Failure to adequately explain that the action is not a conflict could result in your removal.

Note that the requirements listed above are intended to address potential conflict of interest issues that may arise. However, as we cannot foresee the specific conflicts you will face, these requirements may be subject to change. As the season progresses, I may choose to refine these requirements to more adequately address issues as they arise. Note also, that these requirements can be withdrawn from your duties if the conflict of interest is no longer present.

Congratulations on your appointment. Please contact me if you have any further questions or concerns on this matter.

Sincerely,

A handwritten signature in blue ink that reads "Gary Spackman". The signature is fluid and cursive, with the first name "Gary" and last name "Spackman" clearly legible.

Gary Spackman
Director

cc: Water District 34 Advisory Committee
BLRID Board of Directors
Kent Fletcher, Attorney, BLRID
Tim Luke, IDWR Water Compliance Bureau
David Hokema, IDWR Hydrology Section
IDWR Eastern Region

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Department of Water Resources
Eastern Region

WATER DISTRICT INFORMATION SHEET

2019

Year

34 / Big Lost River

Water District # / Stream Name

Lucas E. Yockey

Watermaster Name

P.O. Box 53 Mackay, ID 83251

Address

208-588-3137 - 208-589-3138 Watermaster 34@atcnet.net

Phone Number, Home / Cell

E-Mail Address

N/A

Assistant Watermaster Name

Address

Phone Number, Home / Cell

E-Mail Address

Bob Simmons / office Cindy Smyer

Secretary Name

P.O. Box 53 Mackay Id 83251 P.O. Box 43 Mackay, ID 83251

Address

208-588-3137 / 208-541-1962 Water Dist 34@atcnet.net

Phone Number, Home / Cell

E-Mail Address

Please print in the blank information above and return it to the Idaho Department of Water Resources. Your cooperation on this matter would be greatly appreciated. If you have any questions, please feel free to contact me.

Respectfully Submitted,

Sharla Cox
Administrative Assistant

SCANNED

MAR 28 2019

**MEETING AGENDA
WATER DISTRICT 34
2019 ANNUAL MEETING
Monday, March 4, 2019 2:00 PM
Moore Community Center
Moore, ID**

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Eastern Region

Call Meeting to Order – VerNon Roche

Select Annual 2019 meeting chairman -

Select meeting Secretary -

Approve 2018 meeting minutes

Snow Report – Sno Tel is at 135% as of 03-01-2019- Lucas E. Yockey

Recharge Report – Lucas E. Yockey

Water Master Report - Lucas E. Yockey

- a. Total Recharge was 30,627 cfs
- b. Total surface water delivered was 111,190 cfs
- c. Total groundwater delivered was 29,077 cfs
- e. River flow at the 2B gage is 135 cfs as of 03-01-2019
Mackay Dam is at 35,090 AF and 80% full as of 02-28-2019
River flow at the Arco Gauge is “ice” as of 03-01-2019

Response of Big Lost Aquifer to 2019 Water Supply- Dennis Owsley

Financial Report, Proposed Budget, - Water Master (Lucas E. Yockey)

IDWR:

Water Right Accounting Review- David Hoekema

Other Business: Chairman

- A. Appointment or Continuance of Treasurer
- B. Nomination & Election of Water Master
- C. Nomination & Election of Advisory Committee Chairman 2019-2020
- D. Approve 2020 Credentials Committee & Appoint a Chairman
- E. Set time and location for 2020 meeting (March 2, 2020) Mackay High School Auditorium
- F. Proposed Resolutions
- G. Election of Advisory Committee member for (Antelope) Current member Shawn Anderson
(Moore) Vacant / (No Current member) / (Era Flats) Vacant / (No Current member)
- H. Water Master Results

Adjourn Meeting – Chairman

Water District #34 Website: www.waterdistrict34.com

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MAR 28 2019

Proposed resolution

Original

Annual meetings of Water District 34 shall be held on the first Monday in March of each year at a time and location determined at the previous annual meeting. The annual meetings shall be held at a location in Arco during odd-numbered years, and shall be held in Mackay during even-numbered years.

Proposed options (choose one)

Option 1.

1. Annual meetings of Water District 34 shall be held during the first week in March of each year at a time and location determined at the previous annual meeting. The annual meetings shall be held at a location in Arco during odd-numbered years, and shall be held in Mackay during even-numbered years.

Option 2.

2. Annual meetings of Water District 34 shall be held on the first Monday in March of each year at a time and location determined at the previous annual meeting. The annual meetings shall be held at a location in Moore during odd-numbered years, and shall be held in Mackay during even-numbered years.

Option 3.

3. Annual meetings of Water District 34 shall be held on the first Monday in March of each year at a time and location determined at the previous annual meeting. The annual meetings shall be held at a location in Arco during odd-numbered years, and shall be held in Mackay during even-numbered years. (Keep this resolution but change time of meeting)

Option 4.

4. Annual meetings of Water District 34 shall be held on the first Monday in March of each year at a time determined at the previous annual meeting. The annual meetings shall be held at a location in Moore.

Water District No. 34
Annual Meeting Minutes

March 4, 2019
Moore Community Center
Moore, Idaho

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Department of Water Resources
Eastern Region

1.) Call Meeting to Order

VerNon Roche called the meeting to order at 2:01p.m. and welcomed IDWR guests Tim Luke, David Hoekema & Dennis Owsley.

2.) Select 2019 Annual Meeting Chairman:

VerNon Roche was nominated by Larry Quist to serve as the Annual Meeting Chairman, seconded by Max Bingham, there were no other nominations, VerNon was elected by unanimous voting.

3.) Select Meeting Secretary:

Bob Simmons was nominated by Jake Johnson to serve as meeting secretary, seconded by Byron Pehrson, there were no other nominations, and Bob was elected by unanimous voting.

4.) Approval of 2017 Meeting Minutes: (see attached copy)

Dwight Simmons motion to pass over the minutes, Seconded by Byron Pehrson, motion passed unanimously.

5.) Snow Report:

Watermaster Lucas Yockey reported the current Sno Tel data indicates the snow pack in Basin 34 is at 135% of normal.

6.) Recharge Report:

Lucas began the recharge report by stating the Big Lost River is currently flowing past the Arco Gaging Station and water is going into the Arco Desert. This indicates there still remains plenty of opportunity to improve and develop managed recharge projects within the valley. The proposed budget will address the funding needs for those sites.

7.) Water Master Report:

- a. Total Recharge for 2018: 30,627 cfs
- b. Total Surface Water Delivered: 111,190 cfs
- c. Total Ground Water Delivered: 29,077 cfs
- e. River flow at the 2B Gage is 135 cfs as of 03-01-2019
Mackay Reservoir 35,090 AF and 80% full as of 02-28-2019
River flow at the Arco Gage is "ice" as of 03-01-2019

9.) Response of Big Lost Aquifer to 2019 Water Supply:

There was no presentation this year

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MAR 28 2019

8.) Financial Report and Proposed Budget:

Lucas reviewed the proposed budget line by line as shown on the attached handout. The Cost factor is \$1.4658983 per cfs of usage in 2018. The 2018 Cost Factor is the result of "rolling back" \$25,681 from the 2018 Budget into the proposed \$201,917 2019-2020 Budget for an actual \$176,236 of new Watermaster tax.

Jay Jensen moved to approve the 2019-2020 Budget as proposed, seconded by Byron Pehrson motion passed unanimously.

9. Big Lost Projects

Dennis Owsley gave a slide presentation (see attached copy) As part of this report, Dennis told water users the Department has a Grant that would provide money for additional monitoring wells in the valley where data gaps currently exist. Landowners who have property along the river were encouraged to contact the Department if they are interested in providing monitoring sites. The sites would be used to monitor shallow and deep aquifer levels adjacent to the river.

10.) IDWR Water Right Accounting Review:

David Hoekema gave the presentation (see attachment) regarding the WR Accounting System for 2018 usage. The system tracks surface water usage and river loss/gains by reach.

11.) Other Business:

a.) Water District 34 Treasurer

Herb Whitworth moved Cindy Smyer be appointed as WD34 Treasurer, seconded by Jake Johnson, voting was unanimously in favor.

b.) Water District 34 Watermaster

Jake Johnson moved Lucas Yockey be elected as WD34 Watermaster, seconded by Mike Telford, there were no other nominations, Lucas was elected by unanimous voting.

c.) Water District 34 Advisory Committee Chairman

Jake Johnson moved VerNon Roche be nominated as WD34 Advisory Committee Chairman, seconded by Chance Pehrson, voting was unanimously in favor.

d.) Water District 34 Credential Committee Chairman

Chance Pehrson moved to retain Holly Seefried as the Credential Committee Chairman, seconded by Ryan McAfee, voting was unanimously in favor.

e.) Proposed Resolutions #1 - #4 Meeting Time & Location

Lucas reviewed all of the proposed resolutions with district water users and explained their need and purposes. A copy of the resolutions were included in the meeting handouts (see attachment)

Mike Telford moved for Resolution (Option #4) seconded by Terry Smith (28 Votes)

Chance Pehrson moved for Resolution (Option #2) seconded by Jake Johnson (15 Votes)

Resolution (Option#4) was passed by majority vote.

Option # 4.

1. Annual meetings of Water District 34 shall be held on the first Monday in March of each year at a time determined at the previous annual meeting. The annual meetings shall be held at a location in Moore.

f.) 2019 Water District 34 Annual Meeting

Rick Mauthe moved to set the next Annual Water District 34 Meeting for March 2, 2020, for 2:00 pm. at the Moore Community Center, seconded by Joel Andersen, voting was unanimously in favor.

g.) Water District 34 Advisory Committee members for (Antelope, Moore and Era Flats) Areas

Trilby McAfee nominated Shawn Andersen to represent the Antelope Area, voting was unanimously in favor.

No nominations to represent the Moore Area, Seat will remain Vacant till next Annual Meeting.

Gary Rogers nominated Jared Telford to represent the Era Flats Area, voting was unanimously in favor. This nominee's placement on the board is pending confirmation by the water district that he meets the qualifications.

12. IDWR:

Tim Luke from the Department Of Idaho Resources in Boise spoke to the Advisory Board concerning potential conflicts of interest between Water District #34 and Big Lost River Irrigation District with Lucas as Watermaster for Water District #34 and also serving as the General Manager for Big Lost River Irrigation District, there was no concern of the Advisory Board or Water Users in District #34. Tim also took questions from water users about the protocol in place for resolving issues within the water district in which he responded that the department would try to improve since this isn't always followed. Tim also responded to a question about diversion rates for ground water diversions and stated that diversion rates should be enforced since it is an element of the water right.

13. Adjournment:

Byron Pehrson moved for adjournment, seconded by Ryan McAfee , motion passed.
Chairman VerNon Roche adjourned the meeting at 3:05 pm.

(63 Attendees)



Bob Simmons

WD34 Annual Meeting Secretary

Water District #34
Mackay, ID 83251
Budget FY 2018-2019
Proposed Budget 2019-2020

	2018-2019 Actual Expenses	2018 Adopted Budget	2019-2020 Proposed Budget
1 Watermaster	37,475	37,475	37,475
2 Water Master Mileage	13,918	15,000	15,000
3 Clerical / Treasure	13,257	16,000	16,000
4 Clerical Extra Help	4,198	5,000	5,000
5 Deputy's	13,404	16,000	16,000
6 Deputy's Mileage	7,736	10,000	10,000
7 Watermaster Misc, Supplies Etc	839	1,000	1,000
8 BLRID / Contract Services	3,600	3,600	3,600
9 Open Channel Monitoring	7,625	8,000	8,000
10 Retirement	4,808	5,000	5,000
11 FICA & Medicare	5,496	7,500	6,500
12 Rent & Utilities	5,771	7,500	7,500
13 Phone	2,121	2,500	2,500
14 Office Furniture	211	300	300
15 Office Supplies, Postage, Misc.	2,081	2,500	2,500
16 Workers Comp. / State Ins. Fund	3,863	5,000	5,000
17 Stream Flow Meters / Repairs & Calibrations	0	1,000	1,000
18 Computer (Intuit)	888	1,500	1,500
19 Audit	4,000	4,200	4,200
20 Recharge Spent / Recharge Account	35,760	40,000	28,500
21 Contingency Fund	5,000	10,000	10,000
22 Gauges / USGS (5% to 15% increase)	8,976	12,305	10,322
23 Blaine Station / Leslie (3% increase)	4,874	4,874	5,020
	185,900	216,254	201,917
24 Budget Surplus (Deficit)			25,681
25 2019-2020 Watermaster Tax			176,236

Cost Factor per CFS for 2018-2019 was \$1.39996

Proposed cost factor per CFS for 2019-2020 is estimated at: 1.4658983

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MAR 28 2019

Advisory Committee and Districts Water District #34

TERM	COMMITTEE MEMBER	District	Area	Phone	E-Mail
18-23	Shane Rosenkrance	#1	Chilly	589-3110 / 588-3086	shanemsr588@aol.com
15-20	Jake Johnson	#2	Barton Flat	339-3087	jakej3087@gmail.com
16-21	Max Bingham	#3	Mackay	588-2080 / 681-3311	bngmax@aol.com
17-22	Brett Williams	#4	Leslie	588-3317 / 589-1324	Bretttrudy@gmail.com
19-24	Shawn Anderson	#5	Antelope	208-406-6474	brendaskidsbooks@gmail.com
18-23	Vacent /	#6	Moore		
16-21	Larry Quist	#7	Arco	541-6339	No E-Mail
17-22	Jared Telford	#8	Era Flats	208-431-3072	jaredptelford@gmail.com
15-20	Darrell Lee McDonald	#9	Lost River	201-3744	No E-Mail
Annual	VerNon Roche	Chairman		588-2806 / 339-1262	vernroch@mackayschools.org
BLRID	Lucas Yockey	Blrid	Manager	588-2231 / 390-1447	blrid@atcnet.net

VerNon Roche
5411 Old Chilly Rd.
Mackay, ID 83251

Shane Rosenkrance
5532 Barton Flat Rd.
Mackay, ID 83251

Max Bingham
3861 No. Hwy 93
Moore, ID 83255

Brett Williams
3962 No. 3580 West
Moore, ID 83255

Shawn Anderson
3650 No. 3650 West
Moore, ID 83255

Jake Johnson
4847 N. 5480 W.
Mackay, ID 83251

Larry Quist
2272 North 2900 West
Arco, ID 83213

Lucas Yockey
P.O. Box 53
Mackay, ID 83251

Darrell Lee McDonald
P.O. Box 246
Arco, ID 83213

Jared Telford
3198 W. 2200 No.
Arco, ID 83213



**Water Dist. 34
P. O. Box 53
Mackay, ID
83251
208-588-3137**

FAX TRANSMITTAL

ATTN: Sarah

Date: March 28, 2019

3 pages including cover page

Fax to: 208-287-6700

Annual Water District Meeting Checklist

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Department of Water Resources
Eastern Region

Per Idaho Code Title 42 Chapter 6 (Distribution of Water Among Appropriators), annual water district meetings must include (at a minimum) the actions listed below.

IDWR wants to ensure each water district is meeting these minimum standards. **Please return this completed checklist to the appropriate IDWR regional office with the annual meeting minutes (this list does not replace meeting minutes) and ensure that all of these actions are clearly addressed in the meeting minutes.**

Water District Number and Name: Water District #34

Meeting Date: march 4, 2019 @ 2pm moore, Id

- ☒ Election of meeting chairman
- ☒ Election of water district watermaster (and assistant watermaster (optional)
- ☒ Election of water district secretary and / or treasurer
- ☒ Approval of adopted budget
- ☒ Minutes, make sure date, time, place and roster of attendees are included in minutes.
- ☒ Make sure the secretary or authorized person sign the Minutes.
- ☒ Next year's meeting date, location, and time

march 2, 2020 @ 2pm, moore Community Center
Meeting Date, Time of Meeting and Location (next year) moore, ID

Preparation Checklist after Annual Meeting

- ☒ Idaho Statutes 42-605 states, "Within five (5) days after meeting...the meeting secretary shall forward a certified copy of the minutes to the department. Along with the Minutes, the Adopted Budget, Oath, Petition of Watermaster and Information sheet should be submitted to IDWR before the irrigation season starts. IDWR needs to send the "Certificate of Appointment" of Watermaster and Treasurer prior to irrigation season.
- ☒ Idaho Statutes 42-606 states, "All watermasters shall make an annual report to the department" This report should be submitted to the Department by December 31 of each year.

By signing below I verify that all required actions have been addressed at the water district annual meeting

Completed by:

Cindy Smyer
Water District Representative

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