

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8234
Exam Date: 07/08/2020

1. Current Owner:
CITY OF JEROME 152 E AVE A JEROME ID 83338
2. Accompanied by:
Phone No: Dan Bowman & Ken Tse
Address: 152 E Ave A, Jerome ID 83338
Relationship to permit Holder: Dan Bowman – Water Department Manager for City of Jerome
Ken Tse – Water System Maintenance for City of Jerome

3. SOURCE: GROUND WATER

Method of Determination: On-site inspection

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
36-2526	Ground Water	Municipal	Decreed

Comments:

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
36-7619			See Narrative

Comments:

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER NW¼ NW¼, Sec. 14, Twp 09S, Rge 17E, B.M. JEROME County
GROUND WATER NW¼ NW¼, Sec. 14, Twp 09S, Rge 17E, B.M. JEROME County

Method of Determination: On-site inspection

PLACE OF USE: IRRIGATION

[illegible]

Total Acres: 4.3

PLACE OF USE: COMMERCIAL

[illegible]

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S	17E	14							X										

Method of Determination: On-site inspection and aerial imagery

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

☒ Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

☒☒ Aerial Photo Attached (required for irrigation of 10+ acres).☒☒ Photo of Diversion and System Attached☒

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
A0004284	Unknown				
A0004694	Unknown				

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Ultrasonic	Portaflow	Fuji	FLCS1011			

2. Measurements: North well A0004284, WMIS #401533 was measured by Corbin Knowles on 2/13/2006 at 1648.00 gpm which is equivalent to 3.67 cfs. The South well A0004694, WMIS # 400868 was measured on 6/12/2003 at 1256.05 gpm which is equivalent to 2.79 cfs (See attached WMIS records). Both wells demonstrated that they are capable of producing more than the permitted rate of 1.23 cfs.

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.3 \text{ acres} \times 4.0 \text{ acre foot per acre} = 17.2 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.13 \text{ cfs} \times 246 \text{ days} \times 1.9835 = 63.43 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 17.2 \text{ AF}$$

2. Volume Calculations for Other Uses: Overall volume was based on the highest volume reported in the WMIS data which was 139.6 reported in 2007 (see attached WMIS records reported from the south well WMIS #400868).

G. NARRATIVE/REMARKS/COMMENTS

This permit has a long history starting back in 1983. There were multiple extensions filed during the development period, with proof of beneficial use ultimately filed on 5/12/1994. For more information regarding the permit's history see attached timeline and/or the Department's backfile for this right.

The original permit was filed and approved for the following uses:

0.17 cfs Recreation (two swimming pools & a jacuzzi)

0.28 cfs Irrigation (14 acres of irrigation)

0.50 cfs Domestic (336 unit motel & trailer park)

0.28 cfs Commercial (109,000 sf commercial business; 70,000 sf retail business)

Total: 1.23 cfs

On 7/8/2020, I met with Dan Bowman, Water Department Manager for the City of Jerome and Ken Tse, Water System Maintenance for the City of Jerome, to conduct a field exam. After completing the exam, I realized from the Department's perspective, at least in regards to beneficial use, things have evolved/changed since the 80s. Based on my findings of what was actually developed over the years, I have updated some the beneficial uses on the license amendment. I have changed the 0.17 cfs Recreation to commercial and 0.46 Domestic to commercial as well. The logic behind this is that the pool and Jacuzzi are part of the 336 unit motel that was developed. A motel with a pool and Jacuzzi, is a commercial for profit venture and clearly is not a domestic use. While the recreation use may be debatable, I see it as part of the commercial operation.

While a trailer park (listed as part of the 0.50 cfs domestic use on the permit) was never developed, there is a permanent residence, a mobile home at the Idaho Farm and Ranch Museum (IFARM) in the SWNW of Section 14 that, according to Linda Helms, the museum curator, has been provided water under this permit over the years. Therefore, 0.04 cfs and 0.6 af domestic use was retained on the license for the home at the museum. I have added the SWNW of Section 14 where the domicile and part of the IFARM are located to the license amendment under domestic and irrigation uses, as the domicile is there and there is irrigation that has been provided from this system in that quarter-quarter. I have also included all of the parcel that the museum sits on (SWNW and SENW of Section 14) in the commercial place of use on the license amendment, as Linda Helms also indicated in a phone conversation we had in late July, that water is provided to the paying guests and is utilized to clean farm equipment in use on the property.

The rest of what has been developed on the permitted site is a large truck stop facility with showers, a convenience store, a restaurant, a truck wash, truck scales and the motel. For a brief period (possibly 2-3 years) in the 1980s, there was a manufactured home sales operation on the west side of highway 93

(NENE Section 15) that may have been provided water for restrooms and drinking water. I could not locate anyone that could give me any information in regards to the facility and there is no diversion and/or volume data available from that period. Everything that has been developed in the NENE of Section 15 since then, other than irrigation adjacent to the truck stop on the east side of Highway 93, has been provided ground water either from the City of Jerome's municipal water system or from water right 36-8484, owned by ABC Agra LLC. It should also be noted that this water right overlaps the City of Jerome's municipal service area except for the ground at the IFARM facility.

According to Dan Bowman, Jerome's water department manager, since 2009 the city's municipal system was tied into this system and all of the water has been supplied from the municipal system from that point forward. Both wells in this system currently are idled and serve as backup wells for the city of Jerome and WMIS data seems to verify that information. Originally, the south well was permitted on a competing permit, 36-7619 (commercial, recreation and fire protection), owned by Keith Sligar (deceased) who was also originally a co-owner of this right. However, the south well was tied into this system and according to Dan, serves as a backup for the system developed under this right. Therefore, I have added the south well to the license amendment. During my field exam on the morning of 7/8/2020, neither well was pumping or indicated any flowrate on the meters even though lawn areas were being irrigated, the truck wash was in full operation, the truck stop was busy and the hotel appeared to be at about two-thirds of capacity based on the number of cars in the parking lot.

The flow rate and volume used to license this water right are based on data reported in the Department's WMIS database (see WMIS attachments). Irrigation acreage was determined on-site during this field exam by measuring lawn areas around the truck stop, hotel and truck wash.

Recommend licensing as reflected in this Report and the License Amendment.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	03/15 to 11/15	0.13 CFS	17.2 AF
COMMERCIAL	01/01 to 12/31	1.10 CFS	122.4 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF

Totals: 1.23 CFS 139.6 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☒ Add P.D. as reflected above ☐ None

☐ Change P.U. as reflected above ☒ Add P.U. as reflected above ☐ None

I. AUTHENTICATION

Bill Mills - Water Resource Agent, Senior

Field Examiner's Name Bill Mills Date 7-24-2020

Reviewer _____ Date _____



Figure 1: Lawn area on south end of truck stop



Figure 2: Motel



Figure 3: Lawn on southwest end of motel



Figure 4: North end and exit at truck wash



Figure 5: Irrigation at truck wash



Figure 6: Zero flow on meter at north well, which was the same on south well

System Diagram

**Field Exam 36-8234**

36-8234 Timeline:

10/26/1983: David Millard, Ronald Stanley & Keith Sligar file an Application for permit with the Department proposing to appropriate ground water for the following uses:

0.17 cfs Recreation (two swimming pools & a jacuzzi)

0.28 cfs Irrigation (14 acres of irrigation)

0.50 cfs Domestic (336 unit motel & trailer park)

0.28 cfs Commercial (109,000 sf commercial business; 70,000 sf retail business)

Total: 1.23 cfs

04/30/1986: Permit approved by IDWR

02/28/1990: Request for Extension of Time filed along with letter of explanation from Brockway Engineering

05/07/1991: Request for Extension of Time filed along with letter of explanation from Brockway Engineering

03/28/1994: Application for drilling permit filed with Department

03/30/1994: Request for Extension of Time filed along with letter of explanation from Brockway Engineering

05/12/1994: Proof of Beneficial Use filed with the Department

05/18/1994: Well Drillers Report filed

06/18/2002: ESPA curtailment letter sent to applicants

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Flow Meter Calibrations

You are viewing 401533; A0004284

Calibration Date/Time:	03/14/2018	Factor:	1.00
Installed Meter Data:		Standard Meter Data:	
Installed Meter Flow:	0.00	Standard Meter Flow:	0.00
Rate Unit:	GPM	Rate Unit:	GPM
Rate Multiplier:	1.0000	Pipe Material:	
Volume Multiplier:	1.0000	Outside Diameter (inches):	0.00
Volume Unit:	GAL	Wall Thickness (inches):	0.00
Location:		Downstream Distance (feet):	0.00
Comments:		Upstream Distance (feet):	0.00
		Calibration Confidence:	
Installed Meter Information:		Installation Date:	12/01/2017
Manufacturer:	BADGER	Serial Number:	44226485
Model Number:	M5000	Other Well:	
Meter Type:	MAGNETIC, FULL PROFILE		
Calibration Date/Time:	02/13/2006	Factor:	0.94
Installed Meter Data:		Standard Meter Data:	
Installed Meter Flow:	1756.00	Standard Meter Flow:	1648.00
Rate Unit:	GPM	Rate Unit:	GPM
Rate Multiplier:	1.0000	Pipe Material:	DUCTILE IRON
Volume Multiplier:	1000.0000	Outside Diameter (inches):	13.17
Volume Unit:	GAL	Wall Thickness (inches):	0.44
Location:	EXCL	Downstream Distance (feet):	0.50
Comments:		Upstream Distance (feet):	0.50
Calibration done at the time of License exam. CRK 2/13/06		Calibration Confidence:	FAIR
Installed Meter Information:		Installation Date:	
Manufacturer:	MCCROMETER	Serial Number:	95 582212
Model Number:		Other Well:	
Meter Type:	PROPELLER		
Calibration Date/Time:	02/08/1998	Factor:	1.05
Installed Meter Data:		Standard Meter Data:	
Installed Meter Flow:		Standard Meter Flow:	
Rate Unit:	GPM	Rate Unit:	
Rate Multiplier:	1.0000	Pipe Material:	
Volume Multiplier:	1000.0000	Outside Diameter (inches):	

Field Exam 36-8234

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Flow Meter Calibrations

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Calibration Date/Time:	03/14/2018	Factor:	1.00
Installed Meter Data:		Standard Meter Data:	
Installed Meter Flow:	0.00	Standard Meter Flow:	0.00
Rate Unit:	GPM	Rate Unit:	GPM
Rate Multiplier:	1.0000	Pipe Material:	
Volume Multiplier:	1.0000	Outside Diameter (inches):	0.00
Volume Unit:	GAL	Wall Thickness (inches):	0.00
Location:		Downstream Distance (feet):	0.00
Comments:		Upstream Distance (feet):	0.00
		Calibration Confidence:	
Installed Meter Information:		Installation Date:	12/01/2017
Manufacturer:	BADGER	Serial Number:	46951443
Model Number:	M2000	Other Well:	
Meter Type:	MAGNETIC, FULL PROFILE		
Calibration Date/Time:	06/12/2013	Factor:	1.05
Installed Meter Data:		Standard Meter Data:	
Installed Meter Flow:	1197.66	Standard Meter Flow:	1256.05
Rate Unit:	GPM	Rate Unit:	GPM
Rate Multiplier:	1.0000	Pipe Material:	CAST IRON
Volume Multiplier:	100.0000	Outside Diameter (inches):	9.00
Volume Unit:	GAL	Wall Thickness (inches):	0.26
Location:		Downstream Distance (feet):	10.00
Comments:		Upstream Distance (feet):	
		Calibration Confidence:	GOOD
Installed Meter Information:		Installation Date:	
Manufacturer:	MCCROMETER	Serial Number:	
Model Number:		Other Well:	
Meter Type:	PROPELLER		
Calibration Date/Time:	12/22/2009	Factor:	1.05
Installed Meter Data:		Standard Meter Data:	
Installed Meter Flow:	992.00	Standard Meter Flow:	1038.00
Rate Unit:	GPM	Rate Unit:	GPM
Rate Multiplier:	1.0000	Pipe Material:	CAST IRON
Volume Multiplier:	100.0000	Outside Diameter (inches):	9.05

Field Exam 36-8234

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Flow Meter Water Usage

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Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2019	0.00	123.97		ARF says meter reset jan 1 due to ground and vibration. arm
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
	40396616.00	123.97		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	3/14/2018 12:00:00 AM	No Monthly Recordings FM		
Factor	1.00			
Vol. Multiplier:	1.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2018	236827000.00	1533.50		10.02.2018 reading 4946.115
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
	736517000.00	1533.50		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	3/14/2018 12:00:00 AM	No Monthly Recordings FM		
Factor	1.00			
Vol. Multiplier:	1.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2017	2302600.00	20.15		ARF
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
	2368270.00	21.16		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	6/12/2013 12:00:00 AM	No Monthly Recordings FM		
Factor	1.05			
Vol. Multiplier:	100.0000			

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Vol. Unit	GAL			
<hr/>				
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2016	1938480.00	111.74		ARF
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
	2302600.00	117.33		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	6/12/2013 12:00:00 AM	No Monthly Recordings FM		
Factor	1.05			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
<hr/>				
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2015	189890.00	1.21		ARF
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
	193848.00	1.27		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	6/12/2013 12:00:00 AM	No Monthly Recordings FM		
Factor	1.05			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
<hr/>				
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2014	91219.19	30.28		ARF. Annual Report Form readings were beginning 91,219,188 and end 189,890,000. Do not know if this is gallons or if multiplier is included or what. Assume that it includes multiplier and changed readings accordingly. arm
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
	189890.00	31.79		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	6/12/2013 12:00:00 AM	No Monthly Recordings FM		
Factor	1.05			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
<hr/>				
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2012	810036.00	0.00		
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
	810036.00	0.00		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	12/22/2009 12:00:00 AM	Zero Pumpage	FM	
Factor	1.05			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
<hr/>				
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2011	382022.00	131.35		this record missing. Extrapolated from adjacent years. cy
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Not Validated	810036.00	137.92		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	6/12/2013 12:00:00 AM			

Factor 1.05 No Monthly Recordings FM
 Vol. Multiplier: 100.0000
 Vol. Unit GAL

Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2010	999536.00	117.38		Readings from Annual Report Form. - Will add this well to the end of season totalizer check list. jdh -- start totalizer does not sync. used end of year 2009 and added rollover X 1. cy
Validated	Totalizer End 1382022.00	Adjusted Acre Feet 123.25	Adjusted Max Flow Rate	
Calibration Data				
Date:	12/22/2009 12:00:00 AM	Acre Feet Qualifier	Preferred Method	
Factor	1.05	No Monthly Recordings FM		
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			

Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2009	631903.00	112.82		Used Totalizer end from 2008 for Totalizer start 2009. Totalizer End from Annual Report Form. - removed rollover factor from 2007 cy
Validated	Totalizer End 999536.00	Adjusted Acre Feet 118.46	Adjusted Max Flow Rate	
Calibration Data				
Date:	12/22/2009 12:00:00 AM	Acre Feet Qualifier	Preferred Method	
Factor	1.05	Monthly Recordings	FM	
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			

Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2008	291942.00	104.33		Used ending 2007 for beginning reading. Used ending reading from ARF. -- removed rollover factors from 2007 cy
Validated	Totalizer End 631903.00	Adjusted Acre Feet 102.24	Adjusted Max Flow Rate	
Calibration Data				
Date:	2/13/2006 12:00:00 AM	Acre Feet Qualifier	Preferred Method	
Factor	0.98	Monthly Recordings		
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			

Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2007	827866.00	142.42		Used readings as submitted. - rollover X1
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	1291942.00	139.57		
Calibration Data				
Date:	2/13/2006 12:00:00 AM	Acre Feet Qualifier	Preferred Method	
Factor	0.98	Monthly Recordings	FM	
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			

Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2006	461375.00	112.47		Audit 832260 (mr)
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	827866.00	110.22		

Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/13/2006 12:00:00 AM	Monthly Recordings	FM	
Factor	0.98			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2005	74394.00	118.76		start total adjusted to match 2004, end audit 452454 (cy)
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by Water Master	461375.00	116.39		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/13/2006 12:00:00 AM	Monthly Recordings		
Factor	0.98			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2004	795007.00	85.74		audit = 84850, end totalizer reflects meter rollover, start totalizer adjusted to match end 2003 (cy)
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	1074394.00	87.45		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2003	508057.00	88.06		Brockway reported for this user, December of 03 reading was taken on 1/19/04. Used DWR audit for end reading, CRK 1/26/04
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	795007.00	89.82		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2002	245109.00	80.70		end odometer from DWR audit
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	508057.00	82.31		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	No Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2001	941656.00	93.13		
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	

Validated by IDWR 1245109.00		94.99	Read by Brockway Eng. Meter Did roll over in 2001 (5/2001) CRK 2/4/02	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2000	663489.00	85.37		
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	941656.00	87.08		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
1999	355567.00	94.50	2.23	
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	663489.00	96.39	2.27	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
1998		80.10	0.00	Looks OK Arnie 2/1/99
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR		81.70	0.00	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
1997		54.30	0.00	READINGS LOOK ACCEPTABLE DAN 4-1-98
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR		55.40	0.00	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments

1996		59.20	0.00	MISSING SOME MONTHLY RECORDINGS
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR		59.20	0.00	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Monthly Recordings		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
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Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
1995		114.50	0.00	
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR		114.50	0.00	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	2/18/1998 12:00:00 AM	Full Year Estimate		
Factor	1.02			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
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