

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 25-14226

Priority: June 17, 2008

Maximum Diversion Rate: 4.74 CFS

It is hereby certified that CITY OF UCON
PO BOX 98
UCON ID 83454

has complied with the terms and conditions of the permit,
issued pursuant to Application for Permit dated June 17, 2008; and has submitted Proof of Beneficial Use
on September 01, 2011. An examination confirms water is diverted from:

SOURCE

GROUND WATER

and a water right has been established as follows:

BENEFICIAL USE
MUNICIPAL

PERIOD OF USE
01/01 to 12/31

DIVERSION RATE
4.74 CFS

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SE1/4NE1/4 Sec. 14, Twp 03N, Rge 38E, B.M. BONNEVILLE County
GROUND WATER NW1/4NW1/4 Sec. 14, Twp 03N, Rge 38E, B.M. BONNEVILLE County

CONDITIONS OF APPROVAL

1. Place of use is within the service area of the City of Ucon municipal water supply system as provided for under Idaho Law.
2. A map depicting the place of use boundary for this water right at the time of this approval is attached to this document for illustration purposes.
3. This right does not grant any right-of-way or easement across the land of another.
4. The daily diversion volume for non-domestic uses under this municipal right shall not exceed 2,500 gallons per use and the daily diversion volume for domestic uses under this right shall not exceed 13,000 gallons per dwelling in accordance with Section 42-111, Idaho Code.
5. Irrigation of large projects such as parks, golf courses, or sports activities fields is not authorized under this right.
6. The right holder shall not provide water diverted under this right for the irrigation of land having appurtenant surface water rights as a primary source of irrigation water except when the surface water rights are not available for use. This condition applies to all land with appurtenant surface water rights, including land converted from irrigated agricultural use to other land uses but still requiring water to irrigate lawns and landscaping.
7. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.
8. The right holder shall maintain a measuring device and lockable controlling works of a type approved by the Department in a manner that will provide the watermaster suitable control of the diversion(s).

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WATER RIGHT NO. 25-14226

9. Rights 25-7000, 25-7007 and 25-14226 shall not exceed a total annual maximum diversion volume of 1143.9 af.
10. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.
11. The right holder shall (1) continue to participate in a mitigation plan, approved by the director, administered by a ground water district or other recognized organization, or (2) provide individual mitigation approved by the director.
12. Noncompliance with any condition of this right, including the requirement for mitigation, is cause for the director to issue a notice of violation, cancel or revoke the right, or, if the right is included in a water district, request that the watermaster curtail diversion and use of water.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

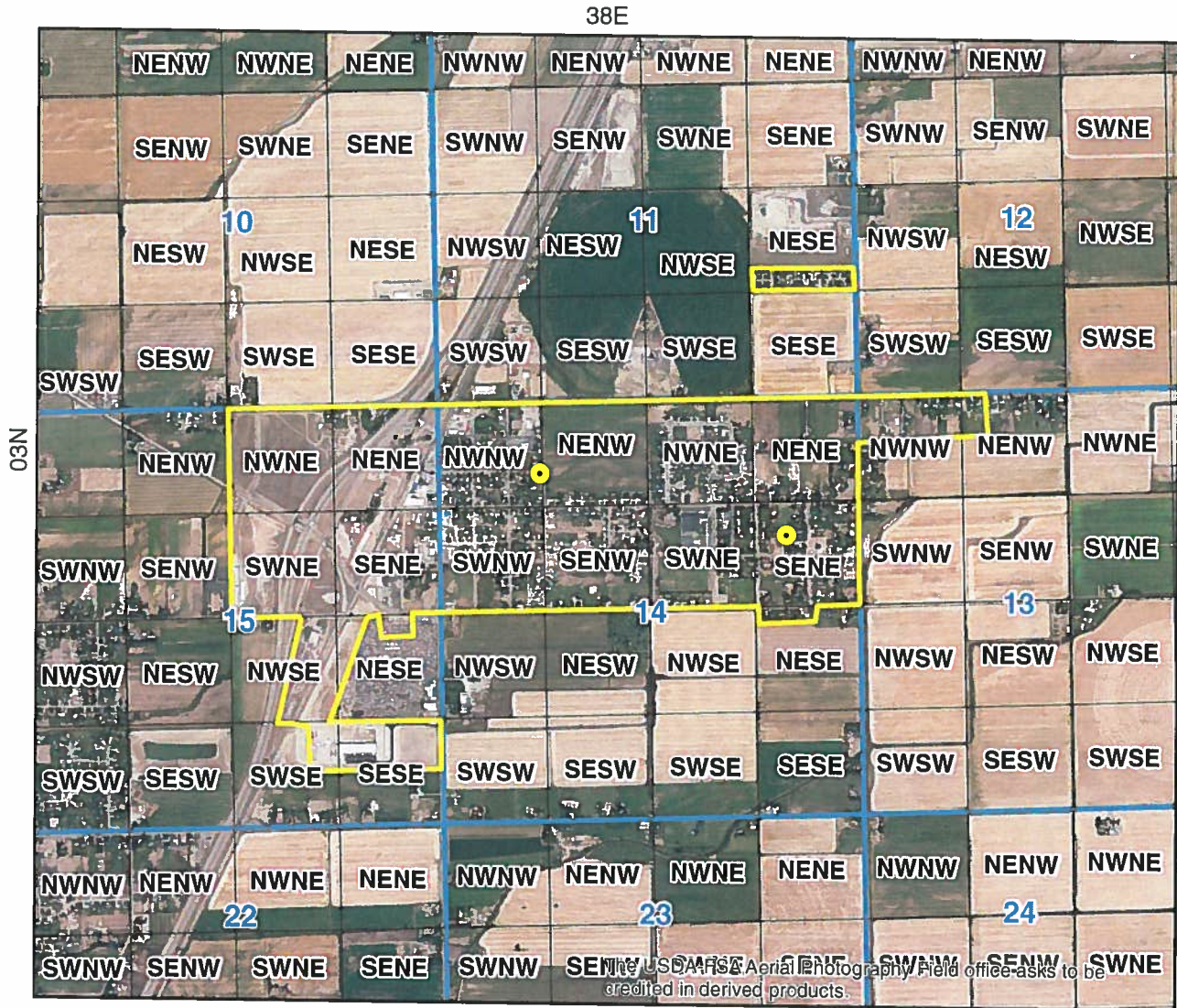
Signed this 29th day of April, 2015.


for GARY SPACKMAN
Director

Attachment To Water Right License

25-14226

This map depicts the MUNICIPAL place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



- Point of Diversion
- Water Service Area Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.275 0.55 1.1 Miles





State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 4, 2015

CITY OF UCON
PO BOX 98
UCON ID 83454

RE: License No. 25-14226

Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review the conditions of approval and remarks listed on your license.

The license is a PRELIMINARY ORDER issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-287-4951.

Sincerely,

Pamela Skaggs

Water Rights Supervisor

Enclosure(s)

cc: ROCKY MOUNTAIN ENVIRONMENTAL ASSOC
WATER DISTRICT #120

CERTIFICATE OF SERVICE

I hereby certify that on May 5, 2015, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved License) to the person(s) listed below:

RE: WATER RIGHT NO. 25-14226

**CITY OF UCON
PO BOX 98
UCON ID 83454**

**ROCKY MOUNTAIN ENVIRONMENTAL ASSOC
C/O ROGER WARNER
482 CONSTITUTION WAY STE 303
IDAHO FALLS ID 83402**

**WATER DISTRICT #120
JAMES CEFALO
900 N SKYLINE DR STE A
IDAHO FALLS ID 83402**



**Darla Block
Technical Records Specialist**

EXPLANATORY INFORMATION TO ACCOMPANY A PRELIMINARY ORDER

(To be used in connection with actions when a hearing was **not** held)

(Required by Rule of Procedure 730.02)

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action of the Department of Water Resources ("department") unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:**

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. **Note: the petition must be received by the department within this fourteen (14) day period.** The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after: (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the Department or the Water Resource Board is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the Department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its service date if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) The petition for reconsideration is disposed of; or
- (b) The petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

MEMORANDUM

TO: File 25-14226

FROM: Daniel Nelson – Staff Hydrologist

DATE: April 20, 2015

SUBJECT: Licensing Review for 25-14226

This is the licensing review of the certified field exam submitted by Keith Wilson of Rocky Mountain Environmental Association Inc. for permit 25-14226 for the City of Ucon (City). Sandy Hemenway formerly in our state office began the review of this field exam, but was not able to complete the review. The field exam was done in 2011. The system associated with this permit allowed water to be diverted from three wells. This permit was filed to add a third well to the system and replace their well #2. Well #2 is still tied into the system, but is only used as a backup well. This permit was filed to only add diversion rate to the system. A condition on the permit limited the diversion volume to 1143.9 af, which is the volume decreed under existing water rights 25-7000 and 25-7007.

Diversion Rate:

This permit was approved with a diversion rate of 4.85 cfs. The field examiner measured Well #1 at a diversion rate of 1,400 gpm (3.12 cfs) and Well # 3 at a diversion rate of 1975 gpm (4.40 cfs). The field examiner measured the wells using the installed flow meters for this system. I reviewed the Water Measurement Information System (WMIS) database that records the measurements for wells in Water District 120. The WMIS database showed that the wells were calibrated 2010 prior to the field examination. The calibration produced correction factors that need to be applied to the flow measurements calculated. I have attached a spreadsheet to this memo that adjusts the flow rates based on the correction factors. The corrected flow rate calculations were 840 gpm (1.87 cfs) for Well #1 and 1995 gpm (4.45 cfs) for well #3 for a total of 2835 gpm or 6.32 cfs for the two wells.

The field examiner did not discuss the role of Well #2 in the system. He simply stated the capacity of the system was flow from Well #1 and Well #3. I contacted the City and they informed me that that Well #2 is only used as a back up well, and is no longer operated unless one of the other two wells breaks down. Water rights 25-7000 and 25-7007 authorize diversion from both Well #1 and Well #2. This permit is the only authorization from Well #3.

I contacted the former water operator, Kris Criddle to determine if both of these wells operated at the same time. Mr. Criddle stated that he didn't think that they did operate at the same time, except when there was a need for fire flows to fight an existing fire. Mr. Criddle is no longer the water operator, so he asked me to contact the City to confirm. I called the City and they supplied a statement in an email that they do operate both wells at the same time. This seems reasonable, because they use the Well #1 to fill a water storage tank that covers peak flow events. Therefore, I am recommending the combination of both wells as the system capacity.

Water rights 25-7000 and 25-7007 provide a combined diversion rate of 1.58 cfs. With a system capacity of 6.32 cfs, this permit should be limited to a diversion rate of 4.74 cfs. This is below the permitted amount of 4.85 cfs, so it seems reasonable to recommend the 4.74 cfs. A combined diversion rate limitation will not be needed, since the all of the water rights add up to the system capacity of 6.32 cfs.

Diversion Volume:

This permit is for a municipal use for the City, so no volume will be assigned to this permit. However, the permit did have a condition that limited the annual diversion volume to 1143.9 af. The 1143.9 af is the volume implied by the diversion rates of water rights 25-7000 and 25-7007. The WMIS database records show that the maximum volume diverted through this system was 632.1 af in 2007, and the average volume diverted is 422.5 af. The City has complied with this condition, and has not exceeded the 1143.9 af limitation.

Points of Diversion and Place of Use:

The points of diversion have been GPS'ed and placed in the WMIS database records. These match the recommendation made by the field examiner. Ms. Hemenway sent an email to the City with a proposed place of use for the City's service area. The City replied with confirmation that the borders were correct.

Conditions:

Condition 1(26A) and condition 11 (046) were removed at licensing. Condition 9 (01J) was changed to R43. The remaining conditions on the permit were carried over to licensing. The confirmation that conditions 139 and 140 were met was verified through the March 27, 2015 email from Janice Boggs of the Bonneville Jefferson Ground Water District.

My review also determined that condition R55 was needed with a 20 year review period. This water right is just inside of the trust water borders. Evidently the condition was not included on the permit and should have been. The permit could be approved as a trust water right, since this system would not increase the volume of water diverted through the system beyond the existing water rights. However, this should be monitored to ensure that the increase of diversion rate would not affect the flows in the Snake River, even though they are not exceeding the volume already licensed. Therefore, I added condition R55.

Permit Number	25-14226
By	Dan Nelson
Date	20-Apr-15

Review of WMIS Volume Reporting

Year	Well #1	Well #2	Well #3	Total
1999	445.9			445.9
2000	470.8			470.8
2001	490.3			490.3
2002	444.2	158.9		603.1
2003	414.5	96.4		510.9
2004	216.4	117.9		334.3
2005	41.4	156.0		197.4
2006	232.3	153.5		385.8
2007	390.5	241.6		632.1
2008	350.5	142.4		492.9
2009	302.0	104.0		406.0
2010	239.1			239.1
2011	321.0		172.1	493.1
2012	246.1		178.0	424.0
2013			276.8	276.8
2014	157.3		200.6	357.9

Maximum Volume =	632.1
Average Volume =	422.5

Well	Field Exam Measurement (in gpm)	Calibration Correction Factor	Corrected Diversion Rate (in gpm)
Well #1	1,400	0.60	840
Well #3	1,975	1.01	1995
TOTALS	3,375		2835

Total Diversion Rate in CFS =	6.32
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Volume

A review of the yearly volume amounts suggest that the annual volume for this municipal use has actually decreased over time. The volume amount has never exceeded the annual volume limitation of 1143.9 af as required by the conditions of this permit.

Rate:

The field examiner read the existing flow meters to determine the flow rates in the field exam. These meters have been calibrated, and correction factors have been established for these flow meters. Therefore, the correction factors need to be used to determine the diversion rate for this system. The corrected diversion rate is 6.32 cfs.

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Point Of Diversion

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WMIS Number	1000536	Network Well	No
Reporting District	Water District 120	Access Power	No
Measurement Option	Flowmeter (8)	Water District	120
Metal Tag Number	D0054823	Tag Location	pump base
Followup Date	09/16/2019	Comments	New Well replaces old well number 2, standby well. Check mag meter in 5 years.
Diversion Name	Well 3		

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Water Right Number	Owner Type	Owner Name	Address	Phone	City/State/Zip	Email
25-7000	Current Owner	CITY OF UCON	PO BOX 98	(208) 523-3971	UCON, ID 83454	cityofucon@gmail.com
25-7007	Current Owner	CITY OF UCON	PO BOX 98	(208) 523-3971	UCON, ID 83454	cityofucon@gmail.com
25-14226	Current Owner	CITY OF UCON	PO BOX 98	(208) 523-3971	UCON, ID 83454	cityofucon@gmail.com

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1000536

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Flow Meter Water Usage

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Report Year 2014	Totalizer Start 252211.00	Acre Feet Volume 198.57	Max Flow Rate (CFS)	Comments
Validated Validated by IDWR	Totalizer End 316916.00	Adjusted Acre Feet 200.56	Adjusted Max Flow Rate	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	9/16/2010 12:00:00 AM	Full Year Estimate	FM	
Factor	1.01			
Vol. Multiplier:	1000.0000			
Vol. Unit	GAL			
Report Year 2013	Totalizer Start 162902.00	Acre Feet Volume 274.08	Max Flow Rate (CFS)	Comments Annual report.
Validated Validated by IDWR	Totalizer End 252211.00	Adjusted Acre Feet 276.82	Adjusted Max Flow Rate	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	9/16/2010 12:00:00 AM	Full Year Estimate	FM	
Factor	1.01			
Vol. Multiplier:	1000.0000			
Vol. Unit	GAL			
Report Year 2012	Totalizer Start 105492.00	Acre Feet Volume 176.19	Max Flow Rate (CFS)	Comments Annual report data.
Validated Validated by IDWR	Totalizer End 162902.00	Adjusted Acre Feet 177.95	Adjusted Max Flow Rate	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	9/16/2010 12:00:00 AM	Full Year Estimate	FM	
Factor	1.01			
Vol. Multiplier:	1000.0000			
Vol. Unit	GAL			
Report Year 2011	Totalizer Start 49972.00	Acre Feet Volume 170.39	Max Flow Rate (CFS) 0.00	Comments Annual report data.
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	

Validated by IDWR	105492.00	172.09	0.00
Calibration Data		Acre Feet Qualifier	Preferred Method
Date:	9/16/2010 12:00:00 AM	Monthly Recordings	FM
Factor	1.01		
Vol. Multiplier:	1000.0000		
Vol. Unit	GAL		

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Flow Meter Calibrations

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Calibration Date/Time:		09/16/2010		Factor:		1.01	
Installed Meter Data:				Standard Meter Data:			
Installed Meter Flow:		250.00		Standard Meter Flow:		252.00	
Rate Unit:		GPM		Rate Unit:		GPM	
Rate Multiplier:		1.0000		Pipe Material:		DUCTILE IRON	
Volume Multiplier:		1000.0000		Outside Diameter (Inches):		11.07	
Volume Unit:		GAL		Wall Thickness (Inches):		0.39	
Location:				Downstream Distance (feet):		3.00	
Comments:				Upstream Distance (feet):		13.00	
				Calibration Confidence:		EXCL	
Installed Meter Information:							
Manufacturer:		MCCROMETER		Installation Date:			
Model Number:		MX10-W		Serial Number:		MX09-0210	
Meter Type:		MAGNETIC, FULL PROFILE		Other Well:			

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Point Of Diversion

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WMIS Number	200221	Network Well	No
Reporting District	Water District 120	Access Power	Yes
Measurement Option	Flowmeter (8)	Water District	120
Metal Tag Number	E0007136	Tag Location	
Followup Date	06/01/2016	Comments	
Diversion Name	Main Well 1		

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Water Right Number	Owner Type	Owner Name	Address	Phone	City/State/Zip	Email
25-7000	Current Owner	CITY OF UCON	PO BOX 98	(208) 523-3971	UCON, ID 83454	cityofucon@gmail.com
25-7007	Current Owner	CITY OF UCON	PO BOX 98	(208) 523-3971	UCON, ID 83454	cityofucon@gmail.com
25-14226	Current Owner	CITY OF UCON	PO BOX 98	(208) 523-3971	UCON, ID 83454	cityofucon@gmail.com

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Site Visits

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Report Year	Visit Date	Examiner	Reason for Visit
2013	06/13/2013	DWR	Flowmeter Calibration
Comments Flow meter showed intermittent signal error on sonic. Flow rate was consistant at approximately 815 GPM average.			
Report Year	Visit Date	Examiner	Reason for Visit
2006	07/20/2006	GHANSEN	Timeclock Calibration
Comments FLOW METER SHOWED AN INTERMITTENT SIGNAL ERROR. THE FLOW RATE WAS CONSISTANT AT 1040 GPM AVERAGE. CITY DOES HAVE A FLOW METER INSTALLED. THE FLOW METER OSCILLATED BETWEEN 1200 GPM AND 1400 GPM AND IS NOT CONSISTENT AT ALL. THIS WELL AND THE CITY'S OTHER WELL IS TIED TOGETHER.			
Report Year	Visit Date	Examiner	Reason for Visit
2001	09/26/2001	MHOLLIDAY	Flowmeter Calibration
Comments HR METER READ 30983.4 AT TIME OF EXAM. INTERMITTENT SIGNAL ERROR MESSAGES ON SONIC. HOWEVER, FLOW SHOWN ON SCREEN WAS CONSISTENTLY AROUND 1450.			
Report Year	Visit Date	Examiner	Reason for Visit
1997	03/11/1997	DSIMPKINS	Inventory
Comments CITY WELL HAS INSTALLED METER METER HAS SEALED CAN OVER IT. POWER METER NOT SPECIFIC TO WELL PUMP. PUMP IS OPEN DISCHARGE TO 250,000 GAL. STORAGE TANK. INSTALLED FLOWMETER ,GOOD SETUP FOR HOUR METER.			

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Flow Meter Water Usage

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Report Year 2014	Totalizer Start 530771.00	Acre Feet Volume 262.19	Max Flow Rate (CFS)	Comments
Validated Validated by IDWR	Totalizer End 1385111.00	Adjusted Acre Feet 157.31	Adjusted Max Flow Rate	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date: 6/13/2013 12:00:00 AM		Full Year Estimate	FM	
Factor 0.60				
Vol. Multiplier: 100.0000				
Vol. Unit GAL				
Report Year 2004	Totalizer Start 579810.00	Acre Feet Volume 212.53	Max Flow Rate (CFS)	Comments flowmeter turned over during season
Validated Validated by IDWR	Totalizer End 1272340.00	Adjusted Acre Feet 221.03	Adjusted Max Flow Rate	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date: 9/26/2001 12:00:00 AM			Time Clock	
Factor 1.04				
Vol. Multiplier: 100.0000				
Vol. Unit GAL				
Report Year 2003	Totalizer Start 0.00	Acre Feet Volume 406.34	Max Flow Rate (CFS)	Comments Good reporting. QMTR turned over during season, calculated total consumption.
Validated Validated by IDWR	Totalizer End 1324049.00	Adjusted Acre Feet 422.59	Adjusted Max Flow Rate	
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date: 9/26/2001 12:00:00 AM			Time Clock	
Factor 1.04				
Vol. Multiplier: 100.0000				
Vol. Unit GAL				
Report Year 2002	Totalizer Start 805858.00	Acre Feet Volume 443.82	Max Flow Rate (CFS)	Comments GOOD REPORTING
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	

Validated by IDWR 2252048.00 461.57				
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	9/26/2001 12:00:00 AM	Monthly Recordings	Time Clock	
Factor	1.04			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2001	173549.00	500.94		
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	1805858.00	520.98		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	9/26/2001 12:00:00 AM	Monthly Recordings	Time Clock	
Factor	1.04			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
2000	534015.00	503.16		
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	2173549.00	523.29		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	9/26/2001 12:00:00 AM	Monthly Recordings	Time Clock	
Factor	1.04			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			
Report Year	Totalizer Start	Acre Feet Volume	Max Flow Rate (CFS)	Comments
1999	996460.00	471.86		
Validated	Totalizer End	Adjusted Acre Feet	Adjusted Max Flow Rate	
Validated by IDWR	2534015.00	490.73		
Calibration Data		Acre Feet Qualifier	Preferred Method	
Date:	9/26/2001 12:00:00 AM	Monthly Recordings	Time Clock	
Factor	1.04			
Vol. Multiplier:	100.0000			
Vol. Unit	GAL			

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Flow Meter Calibrations

You are viewing 200221; E0007136

Calibration Date/Time:		06/13/2013		Factor:		0.60
Installed Meter Data:				Standard Meter Data:		
Installed Meter Flow:	1364.96	Standard Meter Flow:	813.44			
Rate Unit:	GPM	Rate Unit:	GPM			
Rate Multiplier:	1.0000	Pipe Material:	DUCTILE IRON			
Volume Multiplier:	100.0000	Outside Diameter (inches):	9.05			
Volume Unit:	GAL	Wall Thickness (inches):	0.35			
Location:		Downstream Distance (feet):	1.00			
Comments:		Upstream Distance (feet):	4.00			
		Calibration Confidence:	POOR			
Installed Meter Information:						
Manufacturer:	MCCROMETER	Installation Date:				
Model Number:		Serial Number:	97 9084 8			
Meter Type:	PROPELLER	Other Well:				
Calibration Date/Time:		09/26/2001		Factor:		1.04
Installed Meter Data:				Standard Meter Data:		
Installed Meter Flow:	1397.00	Standard Meter Flow:	1451.00			
Rate Unit:	GPM	Rate Unit:	GPM			
Rate Multiplier:	1.0000	Pipe Material:	DUCTILE IRON			
Volume Multiplier:	100.0000	Outside Diameter (inches):	9.05			
Volume Unit:	GAL	Wall Thickness (inches):	0.35			
Location:	FAIR	Downstream Distance (feet):	1.00			
Comments:		Upstream Distance (feet):	4.00			
		Calibration Confidence:	GOOD			
Installed Meter Information:						
Manufacturer:	MCCROMETER	Installation Date:				
Model Number:		Serial Number:	97 9084 8			
Meter Type:	PROPELLER	Other Well:				

Idaho Department of Water Resources

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Water Management Information System



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Time Clock Data

You are viewing 200221; E0007136

Report Year 2012	Average GPM 1350.00	Average CFS 3.01	Acre Feet Volume 246.09	Acre Feet Qualifier Full Year Estimate
Flow Verification Date	Start Time 45510.00	End Time 46500.00	Operating Hours 990.00	Validated Validated by IDWR
Preferred Time Clock	Comments Annual report data.			
Report Year 2011	Average GPM	Average CFS	Acre Feet Volume 321.00	Acre Feet Qualifier No Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours	Validated Validated by IDWR
Preferred Time Clock	Comments No user report returned. Used the average of the past 5 years. Called and requested information on 2-23-12.			
Report Year 2010	Average GPM 1350.00	Average CFS 3.00	Acre Feet Volume 239.12	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time 43610.00	End Time 44572.00	Operating Hours 962.00	Validated Validated by IDWR
Preferred Time Clock	Comments Good Reporting			
Report Year 2009	Average GPM 1300.00	Average CFS 3.00	Acre Feet Volume 302.00	Acre Feet Qualifier Monthly Recordings
Flow Verification Date 07/20/2006	Start Time 42348.00	End Time 43610.00	Operating Hours 1262.00	Validated Validated by IDWR
Preferred	Comments			

Time Clock	Good reporting.			
Report Year 2008	Average GPM 1300.00	Average CFS 2.90	Acre Feet Volume 350.53	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time 40827.80	End Time 42292.20	Operating Hours 1464.40	Validated Validated by IDWR
Preferred Time Clock	Comments Good reporting.			
Report Year 2007	Average GPM 1300.00	Average CFS 2.90	Acre Feet Volume 390.45	Acre Feet Qualifier Monthly Recordings
Flow Verification Date 07/20/2006	Start Time 39182.60	End Time 40813.80	Operating Hours 1631.20	Validated Validated by IDWR
Preferred Time Clock	Comments Uses annual report form.			
Report Year 2006	Average GPM 1040.00	Average CFS 2.32	Acre Feet Volume 323.26	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time 37442.00	End Time 39130.10	Operating Hours 1688.10	Validated Validated by IDWR
Preferred Time Clock	Comments Good reporting.			
Report Year 2005	Average GPM 1451.00	Average CFS 3.23	Acre Feet Volume 401.37	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 1502.30	Validated Validated by IDWR
Preferred Time Clock	Comments Good Reporting.			
Report Year 2004	Average GPM 1451.00	Average CFS 3.23	Acre Feet Volume 216.43	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 810.10	Validated Validated by IDWR
Preferred Time Clock	Comments poor reporting; only cards from june and november returned			
Report Year 2003	Average GPM 1451.00	Average CFS 3.23	Acre Feet Volume 414.51	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 1551.50	Validated Validated by IDWR
Preferred Time Clock	Comments Good Reporting.			
Report Year 2002	Average GPM 1451.00	Average CFS 3.23	Acre Feet Volume 444.22	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 1662.70	Validated Validated by IDWR
Preferred	Comments			

Time Clock		GOOD REPORTING		
Report Year 2001	Average GPM 1451.00	Average CFS 3.23	Acre Feet Volume 490.26	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 1835.00	Validated Validated by IDWR
Preferred Time Clock	Comments			
Report Year 2000	Average GPM 1451.00	Average CFS 3.23	Acre Feet Volume 470.75	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 1762.00	Validated Validated by IDWR
Preferred Time Clock	Comments			
Report Year 1999	Average GPM 1451.00	Average CFS 3.23	Acre Feet Volume 445.91	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 1669.00	Validated Validated by IDWR
Preferred Time Clock	Comments			

Idaho Department of Water Resources

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WMIS Number

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Point Of Diversion

You are viewing 200222; E0007137

WMIS Number	200222	Network Well	No
Reporting District	Water District 120	Access Power	Yes
Measurement Option	Unused (6)	Water District	120
Metal Tag Number	E0007137	Tag Location	
Followup Date	01/01/2017	Comments	Well has been capped.
Diversion Name	Stand-By Pump 2		

[Search Water Rights](#)[Contacts](#) [PLSS](#) [Spatial Data](#) [Water Source](#) [Water Rights](#)

Water Right Number	Owner Type	Owner Name	Address	Phone	City/State/Zip	Email
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Time Clock Data

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Report Year 2010	Average GPM	Average CFS	Acre Feet Volume	Acre Feet Qualifier
Flow Verification Date	Start Time	End Time	Operating Hours	Validated
Preferred	Comments This well has been decommissioned per annual report. No use since August 2009 kjones			
Report Year 2009	Average GPM 245.00	Average CFS 1.00	Acre Feet Volume 104.00	Acre Feet Qualifier Monthly Recordings
Flow Verification Date 07/20/2006	Start Time 41613.00	End Time 43916.00	Operating Hours 2303.00	Validated Validated by IDWR
Preferred Time Clock	Comments Good reporting.			
Report Year 2008	Average GPM 245.00	Average CFS 0.55	Acre Feet Volume 142.38	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time 38462.80	End Time 41619.00	Operating Hours 3156.20	Validated Validated by IDWR
Preferred Time Clock	Comments Good reporting.			
Report Year 2007	Average GPM 245.00	Average CFS 0.55	Acre Feet Volume 241.61	Acre Feet Qualifier Monthly Recordings
Flow Verification Date 07/20/2006	Start Time 32505.90	End Time 37861.80	Operating Hours 5355.90	Validated Validated by IDWR
Preferred	Comments			

Time Clock		User reports using annual report form.		
Report Year 2006	Average GPM 245.00	Average CFS 0.55	Acre Feet Volume 153.50	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time 27131.00	End Time 30533.70	Operating Hours 3402.70	Validated Validated by IDWR
Preferred Time Clock	Comments			
Report Year 2005	Average GPM 202.00	Average CFS 0.45	Acre Feet Volume 156.01	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 4194.60	Validated Validated by IDWR
Preferred Time Clock	Comments			
Report Year 2004	Average GPM 202.00	Average CFS 0.45	Acre Feet Volume 117.86	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 3168.90	Validated Validated by IDWR
Preferred	Comments returned cards from only june and november			
Report Year 2003	Average GPM 202.00	Average CFS 0.45	Acre Feet Volume 96.37	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 2591.00	Validated Validated by IDWR
Preferred Time Clock	Comments Fair reporting.			
Report Year 2002	Average GPM 202.00	Average CFS 0.45	Acre Feet Volume 158.90	Acre Feet Qualifier Monthly Recordings
Flow Verification Date	Start Time	End Time	Operating Hours 4272.30	Validated Validated by IDWR
Preferred Time Clock	Comments GOOD REPORTING			

Idaho Department of Water Resources

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Site Visits

You are viewing 200222; E0007137

Report Year	Visit Date	Examiner	Reason for Visit
2014	07/14/2014	HBOHAC	Routine
Comments Could not find any evidence of well.			
Report Year	Visit Date	Examiner	Reason for Visit
2006	07/20/2006	GHANSEN	Timeclock Calibration
Comments A SUBMERSIBLE PUMP, PUMPS WATER TO A PRESSURE TANK LOCATED ACROSS THE ROAD FROM THE PUMP. THE PUMP WAS REPLACED IN 2005. THERE IS NO REASONABLE PLACE TO ATTACH A SONIC METER'S SENSORS WITHOUT DIGGING UP THE MAINLINE. USED THEORETICAL PUMP FLOW CALCULATIONS TO DETERMINE FLOW. SOME INFORMATION OBTAINED FROM THE CITY- A WATER STUDY-IS TIED TOGETHER. THIS WELL ONLY RUNS FOR SHORT PERIODS OF TIME TO KEEP WATER FRESH.			
Report Year	Visit Date	Examiner	Reason for Visit
2002	06/27/2002	MHOLLIDAY	Other
Comments RUNS PUMP PERIODICALLY JUST TO PERVENT STAGNATION IN TANK, PRESSURE RANGE IS SMALL. USE THEORETICAL CAPACITY OF PUMP AND HOUR METER READINGS FOR NOW. (202 GPM)			
Report Year	Visit Date	Examiner	Reason for Visit
2001	09/26/2001	MHOLLIDAY	Other
Comments BACKUP WELL IS RARELY USED. OPERATOR IS NEW AND IS NOT FAMILIAR WITH HOW THIS WELL OPERATES IN THE SYSTEM. HOUR METER IS INSTALLED. OPERATOR WILL CONTACT AFTER GAINING INFO ON WELL.			
Report Year	Visit Date	Examiner	Reason for Visit
1997	03/11/1997	DSIMPKINS	Inventory
Comments			

NO METER, HOUR METER MAY WORK PUMP IS SUBMERSIBLE- BACKUP ONLY. METER SPECIFIC TO PUMP BUT ALSO HAS BUILDING HEATER ON IT. NO FLOWMETER INSTALLED. 40 PSI MAX. WOULD WORK FOR HOUR METER? PUMP INTO DISTRIBUTION SYSTEM.

Nelson, Dan

From: Ronda Deason [cityofucon@gmail.com]
Sent: Thursday, April 02, 2015 2:14 PM
To: Nelson, Dan
Subject: City of Ucon

Hi Dan-

I checked with Mayor Blain he informed me that both Well #1 and Well #3 run at full capacity in the summer months and alternate in the winter months.

Please let me know if you need further information.

Respectfully,

--

Ronda Deason
Clerk/Treasurer
PO Box 98
Ucon, ID 83454
Office: (208) 523-3971
Fax: (208) 552-7081

Nelson, Dan

From: The Watkins Co [thewatkinsco@cs.com]
Sent: Friday, March 27, 2015 10:50 AM
To: Nelson, Dan
Cc: cityofucon@gmail.com
Subject: City of Ucon

Mr. Nelson,

Please accept this email as proof that the City of Ucon has joined the Bonneville-Jefferson Ground Water District.

If you are needing any other documentation, please let us know.

Sincerely,

Janice Boggs
BJGWD
208-523-0800
fax 208-523-0801

MEMORANDUM

TO: File 25-14226

FROM: Daniel Nelson – Staff Hydrologist

DATE: March 17, 2015

SUBJECT: Telephone Conversation with City of Ucon

On this date, I spoke with James Cefalo of our eastern region office concerning water right permit 25-14226. Mr. Cefalo is currently working with the City of Ucon (City) on a water right transfer is trying to acquire some of the same information that I need to license water right 25-14226. I informed Mr. Cefalo that I was going to write a letter to the City and he asked me to call them instead, since he had just written them for his information.

I called Ronda Deason on this date to speak to her about the information that was needed. I informed Ms. Deason that I would need written confirmation from the ground water district that they are using for mitigation purposes to show that they are an active member of the ground water district. Ms. Deason told me should would get that information.

I also spoke with the former water system operator, Kris Criddle, that informed me that the City only uses one well at a time unless there was a need for fire flows. Mr. Criddle is no longer the City's water system operator, so I asked Ms. Deason to supply the maximum flow water needed to operate the City's water system.

Ms. Deason stated she would get me this information as soon as possible. I informed her that I could give her 14 days to supply the information, before I would be required to send her a Notice of Intent to Void letter. Ms. Deason stated she would try to email me the needed information within 14 days.

Hemenway, Sandy

From: Hemenway, Sandy
Sent: Monday, February 03, 2014 12:21 PM
To: Kris Criddle
Cc: Cefalo, James; Hemenway, Sandy
Subject: City of Ucon, mitigation

Kris,

I just tried calling James Cefalo at the Eastern Water Resources Office @ (208)525-7161 and they said he would be back in the office after 2pm if you want to try calling him then. I have copied James on this email, to ensure that you connect. My interpretation is that we need something in writing from Bonneville Jefferson that you are part of the mitigation program through them. James will be able to better explain exactly what you need to submit to the department to meet the requirements of the condition on the permit (thank you James).

Thanks,

Sandy Hemenway





Well #1, buried 25,000 gallon storage tank, and booster station

Well #3

Hemenway, Sandy

From: Hemenway, Sandy
Sent: Monday, February 03, 2014 11:18 AM
To: Kris Criddle
Cc: Hemenway, Sandy
Subject: RE: New service area map for the City of Ucon

What was the date for your measurement for well #3 in 2012 (685,714 gpd)?

Do you know what the total af was for 2012?

From: Kris Criddle [<mailto:uconcitypw@gmail.com>]
Sent: Monday, February 03, 2014 8:49 AM
To: Hemenway, Sandy
Subject: RE: New service area map for the City of Ucon

Hi Sandy the map looks great the number of gallons used daily at well 3 for 2012 is 685,714. I started here late in 2011 and the record keeping was not kept. There had not been any major changes for a couple of years prior to 2012 so i believe the useage would be close to the same Thanks

From: Hemenway, Sandy [<mailto:Sandy.Hemenway@idwr.idaho.gov>]
Sent: Friday, January 31, 2014 6:20 AM
To: Ronda Deason; Kris Criddle
Cc: Hemenway, Sandy
Subject: New service area map for the City of Ucon
Importance: High

Please look at the attached map, and let me know if you agree with the shapefile I have drawn for the service area for the City of Ucon. I included the Cives Steel Plant and the portion of the Hoist Truck Parts that you had designated on the map.

Thanks so much,

Sandy

Hemenway, Sandy

Subject: FW: New service area map for the City of Ucon

From: Kris Criddle [<mailto:uconcitypw@gmail.com>]
Sent: Monday, February 03, 2014 11:40 AM
To: Hemenway, Sandy
Subject: RE: New service area map for the City of Ucon

7-16-12 through 7-23-12 was the week and the yearly total was 176.19 acre feet 2011 was 153.35 acre feet

450 gpm is the average

2200 gpm (4.9 cfs) with the hydrant open

From: Hemenway, Sandy [<mailto:Sandy.Hemenway@idwr.idaho.gov>]
Sent: Monday, February 03, 2014 11:18 AM
To: Kris Criddle
Cc: Hemenway, Sandy
Subject: RE: New service area map for the City of Ucon

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Cc: Hemenway, Sandy
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Importance: High

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Thanks so much,

Sandy

Hemenway, Sandy

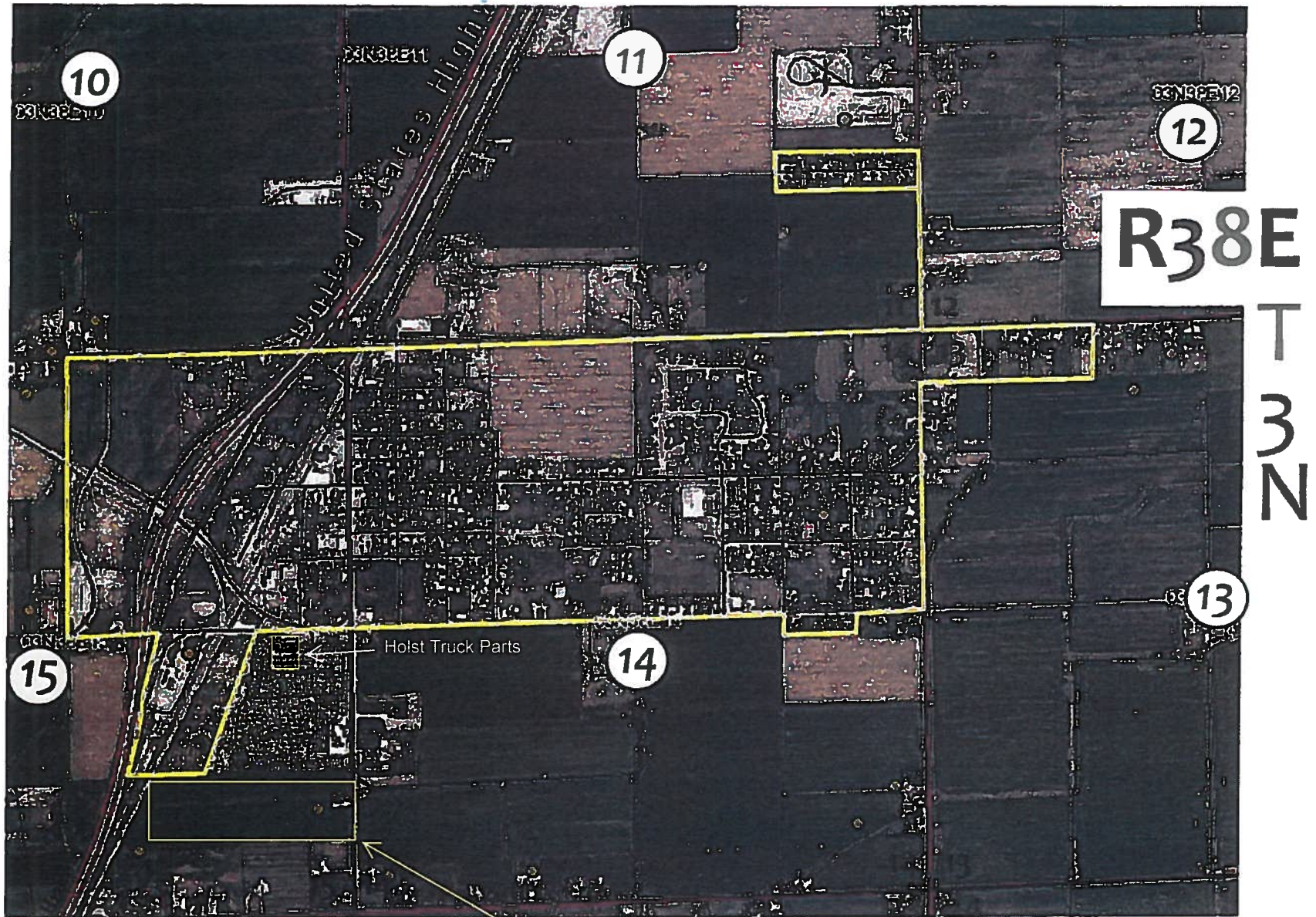
From: Hemenway, Sandy
Sent: Friday, January 31, 2014 6:20 AM
To: Ronda Deason; Kris Criddle
Cc: Hemenway, Sandy
Subject: New service area map for the City of Ucon
Attachments: 25-14226_40_885126.pdf

Importance: High

Please look at the attached map, and let me know if you agree with the shapefile I have drawn for the service area for the City of Ucon. I included the Cives Steel Plant and the portion of the Hoist Truck Parts that you had designated on the map.

Thanks so much,

Sandy



WATER DISTRICT 120
2011 ANNUAL ASSESSMENT NOTICE

25-Mar-11

Reporter No. 507

CITY OF UCON

PO BOX 98

UCON ID 83454

Record	Legal Location	Diversion Name	Site Tag No.	5 Year Average Water
NEW WELL	03N 38E 14 SENE			AF
200221	03N 38E 14 NWNW	MAIN WELL #1	E0007136	351.6 AF
200222	03N 38E 14 SENE	STAND-BY PUMP #	E0007137	173.4 AF
NEW WELL	03N 38E 14 SENWNW			AF

Total Acre-Foot Billing Rate: 524.9 AF

Cost factor = \$0.65 per acre-foot

(1) Assessed cost: \$341.19

Total number of diversions: 2

2) measurement fee = \$75.00 per diversion: \$150.00

Total 2011 assessment (1) + (2): \$491.19

PLEASE REMIT PAYMENT ON OR BEFORE MAY 1, 2011

All payments for assessments not received by May 1, 2011 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.

Please note that if a diversion has multiple owners, each owner will receive a copy of this bill. However, it only needs to be paid once.

If you have any questions about this bill or Water District 120 in general, please contact Kenda Jones, Secretary, or James Cefalo, Water District 120 Watermaster, at 208-525-7171, or 900 N. Skyline Dr, Ste. A, Idaho Falls, ID 83402. Please have a copy of the bill with you for reference when you call so that we may better serve you. Also, please contact the district with any new phone, email, or operator information. This will enable our water agents to have better success contacting you before an exam.

Additional information about Water District 120 is available on the Internet at http://www.idwr.state.id.us/water/districts/wd120_american_falls.htm.

(keep this portion for your records)

Historical uses of the City of Ucon indicate that they will not exceed the volume limit of 1143.9 af, as conditioned on the Permit:

<u>Historical Use for the City of Ucon:</u>							
<u>Water Right#:</u>	<u>Well:</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2011</u>		
25-7000	Main Well #1	401.25	323.26	312.36	351.5*		
25-7007	Abandoned Well #2	156.01	125.29	197.68	173.4*		
25-14226	Main Well #3	N/A	N/A	N/A	N/A		
	<u>TOTAL:</u>	557.38	448.85	510.04	524.9*		
			*From WD120 Annual Assessment Notice (copy attached)				

Hemenway, Sandy

To: cityofucon
Subject: FW: (2) Water right permit 25-14226 (well #3) City of Ucon, request for additional information
Attachments: DOC003.pdf
Importance: High

Answers were via a phone conversation on 1/30/2014, with the certified operator: Kris Cristel (208) 313-6887.

From: Hemenway, Sandy
Sent: Thursday, January 30, 2014 11:03 AM
To: Hemenway, Sandy; 'cityofucon@gmail.com'
Subject: (2) Water right permit 25-14226 (well #3) City of Ucon, request for additional information
Importance: High

Rhonda,

I found in another file that well #1 discharges to a 250,000 underground storage tank, and that the booster pumps are located there.

- (1) Does well #3 discharge directly to the distribution system or does it go to the storage tank? **Directly into the distribution**
- (2) Is this system a Demand system where it is controlled by the level of the water in the storage tank, regulating if well #1 is running, or both? **Independently, controlled by pressure (SCADA)**
- (3) Is the distribution for the City of Ucon interconnected or with separate areas? **interconnected**

Thanks,
Sandy

From: Hemenway, Sandy
Sent: Thursday, January 30, 2014 10:30 AM
To: cityofucon@gmail.com
Cc: Hemenway, Sandy
Subject: RE: Water right permit 25-14226 (well #3) City of Ucon, request for additional information
Importance: High

Rhonda,

Resending with correct email address.

Thanks,

Sandy Hemenway

From: Hemenway, Sandy
Sent: Thursday, January 30, 2014 8:17 AM
To: ucon98@ida.net
Cc: Hemenway, Sandy
Subject: Water right permit 25-14226 (well #3) City of Ucon, request for additional information
Importance: High

To whom it concerns,

I am completing the licensing process for water right permit 25-14226 (well #3), but need some additional information:

- (1) Please submit a copy of the Peak Demand for the City of Ucon (the highest gpm reading for wells #3). **Kris will send.**
- (2) During Peak Demand are both wells #1 and 3 running, or only one well? **Each well runs for 3 – 5 days, interchanging them.**
- (3) Which well is primary, and which is secondary? **Both primary wells, run 3-5 days each interchanging them**
- (4) What size and type main supplies water to the residents of Ucon? **4 inch, 6 inch and 12 inch PVC mains (replacing the smaller ones)**
- (5) Please submit daily flow records (cfs) for the entire Ucon system (wells #1 and #3) for 2011 and 2012. **Kris will find copies sent to IDEQ.**
- (6) Since the City of Ucon abandoned well #2, are you going to forfeit the diversion rate for well #2 or file a transfer, and include all 3 water rights showing wells 1 and 3 as the points of diversion? **He requested an Transfer application be email (one was sent w/maps).**
- (7) The shapefile submitted with the beneficial use field examination is different than the previous shapefile (service area boundary for the City of Ucon). Please confirm that this is the correct shapefile, and if not, please give me an updated shapefile that can be dropped into ArcMap. **Kris will send a correct shapefile.**
- (8) Are there any booster stations, or storage tanks included with the municipal system for the City of Ucon? **At well #1 only.** If so, can you submit a map indicating the location? **At well #1 only.** Can you describe each i.e. size pumps, size tank, etc? **In field exam.**
- (9) What pressure does the system of the City of Ucon municipal system run at? **70 psi**
- (10) Is the system on a SCADA or manually monitored? **SCADA and manually**
- (11) How many connections are now on the City of Ucon municipal system? **416 connections**
- (12) What is the name and phone number of the certified water operator? **Kris Cristel 208 313-6887**
- (13) Is the City of Ucon municipal water system used for any schools or industries, and if so which ones? **Schools (internal/external), potato house**
- (14) Is the City of Ucon municipal water system used to irrigate any parks? **Yes (groundwater)** If so, which ones? **City park.**
- (15) Is the City of Ucon municipal water system used for pressurized irrigation for the individual residents property, or is a separate system used (Harrison Canal and Irrigation Co)? **Half of the town irrigates off of Harrison Canal and Irrigation Co, the other half is on the City of Ucon system**

Please have the following information submitted by February 13, 2014, or the permit will be voided.

If you have any questions please give me a call.

Sandy Hemenway
Sr. Water Resource Agent
IDWR/State Office, Boise
(208)287-4920
Sandy.hemenway@idwr.idaho.gov