



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 • Web Site: www.idwr.idaho.gov

March 9, 2012

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

Thomas Hellen, PE
City of Hailey
115 South Main St
Hailey, ID 83333

Re: City of Hailey Assessment form the Upper Wood Rivers Water Measurement District

Dear Mr. Hellen,

Thank you for your letter dated January 20, 2012 providing some clarification about the number of wells and water rights owned by the City of Hailey. In response to your letter, I have verbally communicated with you twice in an effort to arrive at what I think should be a correct assessment to the City's ground water rights and wells from the Upper Wood Rivers Water Measurement District (UWRWMD).

We confirmed in our original conversation that the City currently uses six wells. We also confirmed that the City jointly owns water right 37-22019 with the Hailey Cemetery Maintenance District (this was also confirmed by your letter of January 20). You suggested that the Cemetery District should pay the assessment for 37-22019 because the City does not use the well. The UWRWMD included right 37-22019 on the City's assessment because the City is a joint owner of the right and as a matter of convenience because of the additional rights and wells owned and used by the City. The UWRWMD does not know how right 37-22019 should be proportionately split between the City and the Cemetery District. IDWR suggests that the City work out details with the Cemetery District regarding payment of the assessment that covers the Cemetery District's proportionate ownership of the right and well. IDWR further advises that City or the Cemetery District file an ownership change or water right transfer that properly splits the water right and describes the appropriate points of diversion and places of uses for the respective parties.

My last conversation with you concerned water right 37-20831 which was also referenced in your letter of January 20. Although you indicate that the well described under the right is no longer used, the UWRWMD must assess the \$50 well charge until such time as the City either abandons the water right or files a water right transfer that properly describes the well or wells associated with the right.

As per our last phone call, I have advised the treasurer of the UWRWMD to adjust the City of Hailey's assessment based on eight separate wells, including the well and authorized diversion rate for right 37-20831 and the well and authorized diversion rate for right 37-22019. The total rate of diversion under all the City's water rights is 21.43 cfs.

Regards,

Tim Luke

Water Compliance Bureau

c. Cyndi McCowan, UWRWMD Treasurer
Rob Struthers, UWRWMD Hydrographer
Hailey Cemetery Maintenance District

APR 03 2012
SCANNED

WD 37

City of Hailey
City Engineer

115 South Main Street
Hailey ID, 83333

(208) 788-9830 ext. 14
(208) 788-2924 (fax)
www.haileycityhall.org

RECEIVED

JAN 24 2012

DEPARTMENT OF
WATER RESOURCES

January 20, 2012

Idaho Department of Water Resources
Attn: Tim Luke
322 East Front St
P O Box 83720
Boise, ID 83720

Re: City of Hailey Groundwater Assessment

Dear Tim:

Following our conversation of January 18, 2012 I have investigated our groundwater rights and have enclosed the attached documents for your review. My research shows we have six active wells with total water rights of 12.48 cfs. We have an additional water right, 37-20831 for .21 cfs, for which we do not have an active well. This water right was received from a developer as a part of an annexation and was transferred to a site near the Wood River Middle School but has not been put into use.

An additional water right, 37-22019, shows joint ownership between the City of Hailey and the Hailey Cemetery Maintenance District for 9.37 cfs. As the City of Hailey does not have any operational control over this well I believe that assessment should go to the Cemetery District.

Please call me if we need to discuss this information.

Sincerely,



Thomas Hellen, PE
City Engineer

Cc: Upper Wood Rivers Water Measurement District
P O Box 676
Picabo, ID 83348

Statement

UPPR WOOD RIVERS WATER MEAS. DIST.

PO BOX 676

PICABO, ID 83348

Date

1/3/2012

(208) 788-4613

To:

CITY OF HAILEY
115 S MAIN ST #H
HAILEY, ID 83333

Account #

10187

				Amount Due	Amount Enc.
				\$1,255.33	
Date	Transaction			Amount	Balance
12/20/2011	Balance forward				0.00
01/03/2012	Due 01/31/2012,			600.00	600.00
	--- WELLS, 12 @ \$50.00 = 600.00				
01/03/2012	Due 01/31/2012.			655.33	1,255.33
	--- CFS Pro Rata, 21.43 @ \$30.58 = 655.33				
Every effort has been made to send this assessment to the current owner of property to which the ground water rights (s) are appurtenant. If you are not certain that you have the current owner of the water rights (s) identified in this assessment please contact either Rob Struthers, District Hydrographer at 208-788-4613 or Cyndi McCowan, District Secretary/Treasurer at 208-315-1049. Additional questions about water rights may be addressed to the Idaho Department of Water Resources.					
CURRENT	1-30 DAYS PAST DUE	31-60 DAYS PAST DUE	61-90 DAYS PAST DUE	OVER 90 DAYS PAST DUE	Amount Due
1,255.33	0.00	0.00	0.00	0.00	\$1,255.33

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JAN 20 2010

DEPARTMENT OF
WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 37-8837

1. Owner: City of Hailey Phone No. (208) 788-4221

Current Address: 115 S. Main St., Hailey, ID 83333

2. Accompanied by: Reese Dibble EXAM DATE : December 08, 2009

Address: same as above Phone No same

Relationship to Permit Holder: Water Manager

3. Source: Ground Water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-2698, 37-2699, 37-7305, 37-296A, 37-717, 37-1216

2. Other water rights with the same point of diversion: 37-2698, 37-2699, 37-7305

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec.	Twp.	Rng.	County	Method of Determination/Remarks
1		NW	SE	SW	4	2N	18E	Blaine	GPS, USGS Quad
2		NW	SE	SW	4	2N	18E	Blaine	GPS, USGS Quad
3		NW	SE	SW	4	2N	18E	Blaine	GPS, USGS Quad
4		SE	SE	NW	9	2N	18E	Blaine	GPS, USGS Quad
5		NE	SE	SE	9	2N	18E	Blaine	GPS, USGS Quad
6		NW	SW	SE	10	2N	18E	Blaine	GPS, USGS Quad

2. Place(s) of Use:

Indicate Method of Determination: Existing service area unchanged

Place of use is within the service area of the City of Hailey municipal water supply system as provided for under Idaho Law.

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
1 (Northridge Well A)	Hitachi	50	Unknown	National Pump Company	Unknown SN. 6" discharge size. Model H10HC, rated 800 gpm at 170 ft TDH.
2 (Northridge Well B)	Hitachi	50	Unknown	National Pump Company	Unknown SN. 6" discharge size. Model H10HC, rated 800 gpm at 170 ft TDH.
3 (Northridge Well C)	Unknown (submersible)	30	Unknown	National Pump Company	Unknown SN and discharge size. Model S8HC, rated 500 gpm at 170 ft TDH.
4 (River Street)	General Electric	75	GNJ727330	Verti-Line / Aurora	3X270992 (model 12 RM, rated 1,000 gpm at 240 ft TDH).
5 (Third Avenue)	General Electric	125	HY343039	Verti-Line / Aurora	86 70201 (model 12 RH, rated 1,500 gpm at 235 ft TDH)
6 (Woodside)	US Motors	40	6229A / 2062136R087R-16	Verti-Line / Aurora	SN 89255 (model 2RLM, rated 1,100 gpm at 100 ft TDH); 8-inch discharge head

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date

2. Measurements: No flow measurements made at time of exam.

E. NARRATIVE/REMARKS/COMMENTS

Six wells are used to compliment a spring source to supply municipal water to the city's interconnected delivery system. Three wells are located at the Northridge site, two of which are equipped with 50-hp submersible pumps designed and rated for 800 gpm (1.78 cfs) at 170 feet TDH each while the third is equipped with a 30-hp submersible pump designed and rated for 500 gpm (1.11 cfs) at 170 feet TDH for a total diversion capacity of 4.68 cfs from the well pumps. The wells discharge into a buried tank where two boosters divert to the municipal supply system. These boosters are 75-hp submersible National Pump Company model E12HC, each designed and rated for 1,050 gpm at 150 ft TDH for a total booster capacity of 2,100 gpm (4.68 cfs). Therefore, total diversion capacity developed for delivery into the municipal system at the Northridge site is 4.68 cfs.

The River Street well is equipped with a 75-hp vertical turbine Aurora/Verti-Line pump rated at 1,000 gpm (2.23 cfs) at 240 ft TDH that discharges directly into the municipal supply system (no tank or boosters).

The Third Avenue well is equipped with a 125-hp vertical turbine Aurora/Verti-Line pump rated at 1,500 gpm (3.34 cfs) at 235 ft TDH that discharges directly into the municipal supply system (no tank or boosters).

The Woodside well is equipped with a 40-hp vertical turbine Aurora/Verti-Line pump rated at 1,100 gpm (2.45 cfs) at 100 ft TDH that discharges into a buried tank where two boosters divert to the municipal supply system. One booster is 100-hp vertical turbine Layne Verti-Line model 12RL with a rated capacity of 1,003 gpm (2.23 cfs) at 262 ft TDH. The second is 7.5-hp with a rated capacity of 70 gpm, but this smaller booster is not typically used for delivery to the municipal system. Therefore, total diversion capacity at the Woodside site is 2.23 cfs based on the 100-hp booster capacity.

Measuring devices are installed at each pumping site. A SCADA system is used to monitor and control system operation.

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 37-08837

Priority: September 10, 2001

Maximum Diversion Rate: 4.67 CFS

It is hereby certified that CITY OF HAILEY
115 S MAIN ST #H
HAILEY ID 83333 has complied with the terms and conditions of the
permit, issued pursuant to Application for Permit dated November 04, 1994; and has submitted Proof of
Beneficial Use on September 10, 2001. An examination indicates that the workshave a diversion
capacity of 12.69 cfs of water 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

4.67 CFS

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	SE1/4SW1/4	Sec. 4, Twp 02N, Rge 18E, B.M.
BLAINE County		
GROUND WATER	SE1/4NW1/4	Sec. 9, Twp 02N, Rge 18E, B.M.
BLAINE County		
GROUND WATER	SE1/4SE1/4	Sec. 9, Twp 02N, Rge 18E, B.M.
BLAINE County		
GROUND WATER	SE1/4SW1/4	Sec. 4, Twp 02N, Rge 18E, B.M.
BLAINE County		
GROUND WATER	SE1/4SW1/4	Sec. 4, Twp 02N, Rge 18E, B.M.
BLAINE County		
GROUND WATER	SW1/4SE1/4	Sec. 10, Twp 02N, Rge 18E, B.M.
BLAINE County		

CONDITIONS OF APPROVAL

1. 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.
2. The maximum combined diversion rate from the three points of diversion located in Township 2 North, Range 18 East, Section 4, SESW, shall not exceed 4.67 cfs.
3. Irrigation of large projects such as parks, golf courses, or sports activities fields is not authorized under this right.

SCANNED

JUL 16 2010

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 37-08837

Proposed Priority: November 4, 1994 Maximum Diversion Rate: 4.67 CFS

This is to certify, that CITY OF HAILEY
PO BOX 945
HAILEY ID 83333-0945
has applied for a permit to appropriate water from: GROUNDWATER

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
MUNICIPAL	01/01 to 12/31	4.67 CFS

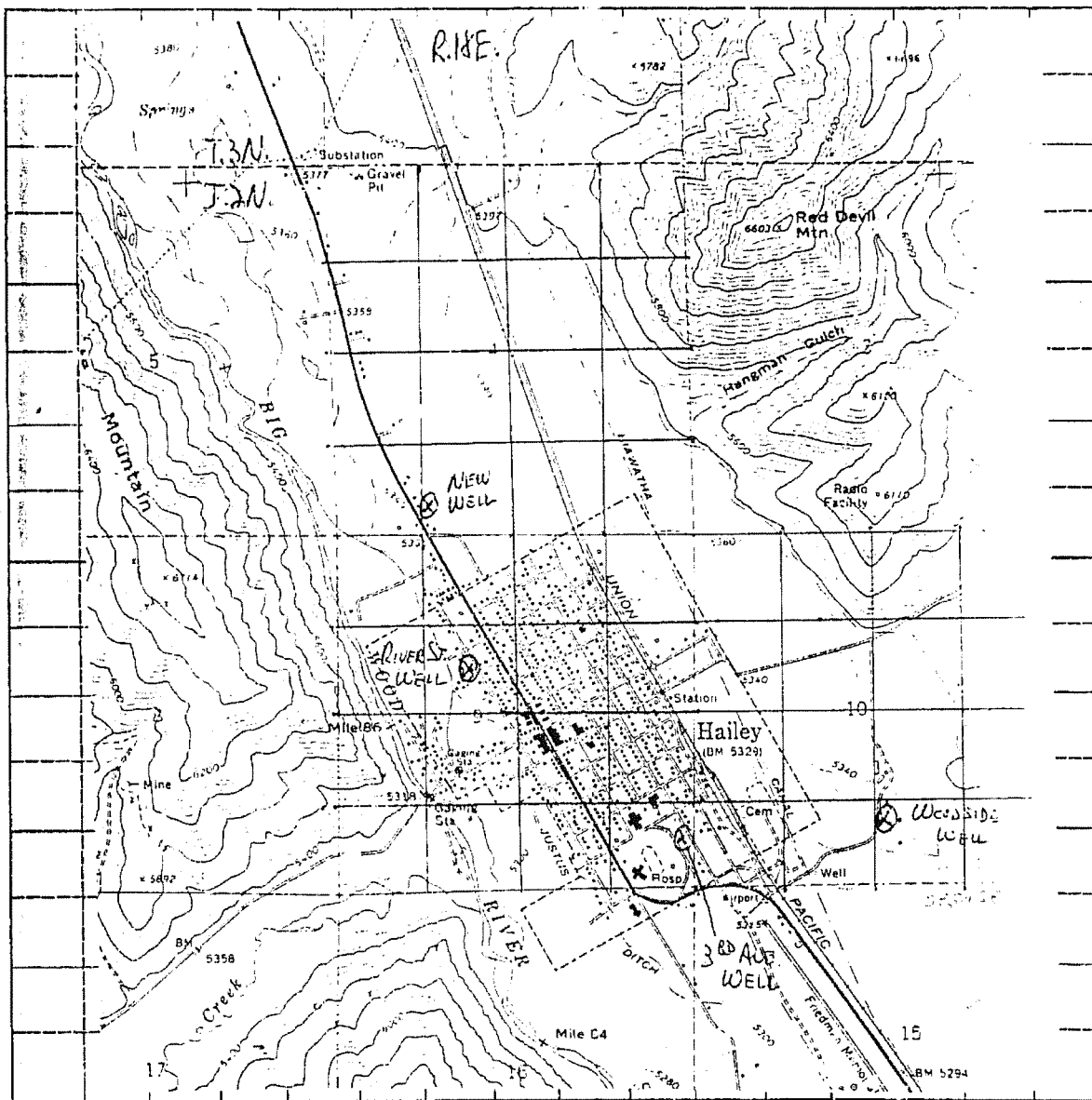
LOCATION OF POINT(S) OF DIVERSION:
SWSESW , Sec. 4, Township 02N, Range 18E
SESENW , Sec. 9, Township 02N, Range 18E
NEGESE , Sec. 9, Township 02N, Range 18E
NWSWSE , Sec. 10, Township 02N, Range 18E
BLAINE County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before June 1, 2000.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
5. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
6. Construction of the well must comply with Idaho well construction standards.
7. 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.
8. Place of use is within the city limits of City of Hailey and surrounding service area.
9. Irrigation of large projects such as parks, golf courses, or sports activities fields is not authorized under this permit.

13. Map of proposed project: show clearly the proposed point of diversion place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Edwin Harper
(Applicant)