

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7672

Exam Date: 8/2/2012

1. Current Owner: THREE MILE WATER DISTRICT
PO BOX 906
BONNERS FERRY ID 83805
(208)267-5166

2. Accompanied by: *Bryon Regehr*
Phone No: 208-304-5627

Address: Same

Relationship to Permit Holder: System Operator

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 98-7325,98-7822,98-7672
2. Other water rights with the same point of diversion: 98-7820,98-7822,98-7672

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SW1/4SE1/4 Sec. 15, Twp 62N, Rge 02E, B.M. BOUNDARY County
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GROUND WATER SW1/4SE1/4 Sec. 15, Twp 62N, Rge 02E, B.M. BOUNDARY County

Method of Determination: GPS and Maps

2.

PLACE OF USE: MUNICIPAL

[illegible]

62N 02E 10										X							
62N 02E 15						X											
62N 02E 16	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
62N 02E 17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
62N 02E 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
						L1	L2			L3	L4						
62N 02E 19	X	X	X	X	X	X	X	X									
						L1	L2										
62N 02E 20	X	X	X		X	X	X	X	X					X	X		
62N 02E 21	X	X	X	X	X	X		X		X				X	X		X
			L1					L2							L4		
62N 02E 22		X	X		X	X	X			X	X	X		X	X		
															L9		
62N 02E 27					X												
63N 01E 26									X	X	X	X	X	X	X	X	X
63N 01E 27									X	X	X	X	X	X	X	X	X
63N 01E 28									X	X	X	X	X	X	X	X	X
63N 01E 29													X				X
63N 01E 32													X				X
63N 01E 33	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X
63N 01E 34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63N 01E 35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63N 01E 36						X		X	X	X	X			X	X	X	X

Method of Determination:

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

E. FLOW CALCULATIONS

Measured Method:
See data sheet

Pump Serial No. or Discharge

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 188.7 \times 3\text{AF} = 566.1$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 188.7\text{ac} \times 246 \text{ days} \times 1.9835 = 975.8 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 566.1$$

2. Volume Calculations for Other Uses: Domestic with ½ ac of irrigation 700 homes X 1.2 AF = 840.0 AF

G. NARRATIVE/REMARKS/COMMENTS

The amendment is to add points of diversions (wells) and to change the use from Domestic and irrigation to Municipal use. The irrigation can be added to the municipal use because no irrigation lots are over 3.0ac on the permit 98-7672. The tax lots can be over 3.0 acres and only the allotted portion of said lots can be irrigated on this water right 98-7672. This exam will only review the use of water that was used in the development of this water right between September 13, 1990 to the proof of beneficial use date of September 25, 1991. Do to the lack of knowledge on the number of home in the development time of this water right the volume is based off the 700 homes with irrigation of ½ ac. The confirmation of the irrigation on the water right is unrealistic because of the time that has passed.

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

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	2.000 CFS	840.0 AF
<u>Totals:</u>		2.000 CFS	

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 ☒ Other

I. AUTHENTICATION

Field Examiner's Name E. J. [Signature] Date 12-10-2015
 Reviewer Adam Fusholt Date 3-2-16

This AGREEMENT, made and entered this 7th day of December
2005

By and between CITY OF MOYIE SPRINGS, IDAHO, hereafter
Referred to as "City" and (THREE MILE WATER DISTRICT.) hereafter
referred to as "District."

WITNESSETH:

WHEREAS. City, a municipal corporation, provides water to its
citizens through its own established water system; and,

WHEREAS. District a duly organized water district
Established pursuant of Idaho Code Title 42, Chapter 32, provides
Water to residents within its boundaries through its own
Established water system: and,

WHEREAS, the two systems can interconnect by opening a valve
Located just west of the McClure Subdivision on the north side of
Old Highway #2,1 or by establishing another connection valve: and,

WHEREAS, it is anticipated that either system may, on
occasion, experience water shortages for limited periods: and,

WHEREAS, in the event of such shortage, it is desired by the
parties hereto that the party with the shortage obtain, to the
extent possible without creating another shortage, water from the
other party;

NOW, THEREFORE, in consideration of the mutual promises
contained herein, the parties agree as follows:

1. CONNECTING LINE: The parties agree, at their joint expense, to establish a connecting four-inch (4") line with shut off valve for the purpose of assisting each other in times of shortage. Such line shall be located be mutual agreement.

2. PROCEDURE: If one party shall have a shortage, it shall notify the other party. If the party notified does not have a shortage, it shall forthwith authorize above described valve or valves to be opened.

3. SHORTAGE: In the event the supplying party determines it is encountering a shortage, it shall so notify the other party.

4. NOTICE: Any notice given under this agreement shall be by telephone from clerk to secretary or secretary to clerk. The telephone call shall be complete notice as of the time of the call, however, within twenty-four hours if the call, written notice confirming the telephone call will be deposited in the mail by the calling party directed to the party called.

5. PAYMENT: Payment for the water used shall be at the rate of Two Dollars and Ten Cents(\$2.10) per thousand (1000) gallons, regardless of who is obtaining water from whom.

During the term of this agreement, a record of use shall be kept, and the net owing shall be due and payable annually.

6. TERM: This agreement shall automatically renew each December 7, unless cancelled by either party, in writing, with 30 day notice.

Attest: *[Signature]* By *[Signature]*
Clerk, City of Moyie Springs Mayor

Attest: *[Signature]* THREE MILE WATER DISTRICT
Secretary, Three Mile water Dist. *[Signature]*
Jack Tice

THREE MILE WATER DISTRICT

May 20th, 2013

Bee Line Water Association Inc.
PO Box 676
Bonners Ferry, Idaho 83805

Dear Bee Line Water Board,

In response to your request for a proposal for emergency use agreement between Three Mile Water District and Bee Line Water Association, please accept this letter as confirmation of verbal discussions held previously.

Three Mile Water District is willing to supply emergency use water to Bee Line Water Association on a case by case, as needed, basis. The cost to Bee Line for the use of water will be at actual cost, on a per usage basis, and can fluctuate based on actual electrical demand and current cost to produce water. A minimum \$3 per 1000 gallons minimum charge will be assessed. The district would like to have continued monitoring of Bee Line's well levels and usage will be at the discretion of the district to ensure no detrimental affect to district users.

If we can be of further assistance, please let us know.

Sincerely,

Three Mile Water District

CANYON WELLS -By The River

McCrometer prop meter 8" inlet inplant

McCrometer prop meter 10" outlet in plant

Pump volume	Well # 1	EO 005022	Drilled 11/1/1990	5/7/2015
Water right No.	IDWR		In use 2008	
Water permit No.	98-7672			
HP 50	gpm	380		

Pump volume	Well # 2	EO 005021	Drilled 11/1/1990	5/7/2015
Water right No.	IDWR		In use 2010	
Water permit No.	98-7672			
HP 50	gpm	370		

Pump volume	Well # 3	EO 005020	Drilled 11/1/1990	5/7/2015
Water right No.	IDWR		In use 2009	
Water permit No.	98-7672			
HP 60	gpm	440		

Pump volume	Well # 4	EO 005019	Drilled 5/1/1985	5/7/2015
Water right No.	IDWR	98-7325	In use 1985	
Water permit No.				
HP 50	gpm	380		

Pump volume	Well # 5	EO 005018	Drilled 5/1/1985	5/7/2015
Water right No.		98-7325	In use 1985	
Water permit No.				
HP 50	gpm	370		

Pump volume	Well # 6	EO 005017	Drilled 5/1/1985	5/7/2015
Water right No.		98-7325	In use 1985	
Water permit No.				
HP 20	gpm	225		

Filter Plant	Tag #	EO 005028	10/25/1995	
	#1			
HP 20	(2x50hp 2010)			

Total GPM

2165

4.823 Cfs

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>Three Mile Water Dist.</u> Address <u>PO Box 906 Bonners Ferry, ID</u> Owner's Permit No. <u>98-90-14-10 #1</u>	7. WATER LEVEL Static water level <u>2</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ <i>Describe artesian or temperature zones below.</i>																																
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td><u>NO TEST EST</u></td> <td><u>Per Bonners Ferry</u></td> <td><u>500</u></td> </tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>NO TEST EST</u>	<u>Per Bonners Ferry</u>	<u>500</u>																										
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3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td><u>10</u></td> <td><u>1</u></td> <td><u>45</u></td> <td><u>Gobble, Sand + Brn Clay</u></td> <td><u>-</u></td> <td><u>-</u></td> </tr> <tr> <td><u>10</u></td> <td><u>45</u></td> <td><u>50</u></td> <td><u>Brn Clay</u></td> <td><u>-</u></td> <td><u>-</u></td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	<u>10</u>	<u>1</u>	<u>45</u>	<u>Gobble, Sand + Brn Clay</u>	<u>-</u>	<u>-</u>	<u>10</u>	<u>45</u>	<u>50</u>	<u>Brn Clay</u>	<u>-</u>	<u>-</u>										
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	RECEIVED JAN - 4 1991 NORTHERN REGION I.D.W.R.																																
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>250</u> inches</td> <td><u>10</u> inches</td> <td><u>4</u> feet</td> <td><u>34</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun Size of perforation _____ inches by _____ inches <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Johnson</u> Type <u>slain less steel</u> Model No. _____ Diameter <u>10</u> Slot size <u>80</u> Set from <u>34</u> feet to <u>44</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>18</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>Well Cap</u>	Thickness	Diameter	From	To	<u>250</u> inches	<u>10</u> inches	<u>4</u> feet	<u>34</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	10. Work started <u>10-2-90</u> finished <u>11-12-90</u>
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6. LOCATION OF WELL Sketch map location must agree with well location. Subdivision Name _____ Lot No. _____ Block No. _____ County <u>BONNER</u> SW 1/4 SE 1/4 Sec. <u>15</u> T. <u>62</u> S. R. <u>2</u> W. <u>4</u>	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>BONNERS WATER WELL</u> Firm No. <u>360</u> Address <u>Box 1 SPINIFLANCE</u> Date <u>12-2-90</u> Signed by (Firm Official) <u>HD B</u> and _____ (Operator)																																

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

[illegible]

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IDEQ PUBLIC DRINKING WATER
CHEMICAL SAMPLING LOCATION

GPS SITE ID NO.

EC005020

DO NOT REMOVE

IDEQ PUBLIC DRINKING WATER
CHEMICAL SAMPLING LOCATION

GPS SITE ID NO.

EC005021

DO NOT REMOVE





