

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 67-15030
Exam Date: 5/8/2017

1. Current Owner:

TOMMY L GROSSEN PO BOX 72 INDIAN VALLEY ID 83632-0072 2082564419 And/Or

NORMA R GROSSEN PO BOX 72 INDIAN VALLEY ID 83632-0072 2082564419

2. Accompanied by:

Phone No: TOMMY L GROSSEN

Address: 2245 OGLE LANE, INDIAN VALLEY, ID 83632

Relationship to Permit Holder: OWNER

TRIBUTARY:3. **SOURCE:**

LITTLE WEISER RIVER

WEISER RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES, 67-7866 and 67-8011

2. Other water rights with the same point-of-diversion: YES, 67-7866. See attached analysis outlining all other rights that divert water out of Grey's Creek Ditch.

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

LITTLE WEISER RIVER NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23, Twp 14N, Rge 01W, B.M. ADAMS County

Method of Determination: Aerial imagery and field exam.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	01W	2						31.0 L 4											31.0
14N	01W	3	3.0 L 1																3.0
15N	01W	34																32.0	32.0
15N	01W	35											40.0	38.0					78.0

Total Acres: 144.0

Method of Determination: Aerial imagery and field exam.

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	Model No.	Pump Make	Pump Serial No. or Discharge Size
Pump 1		25	3RB-25-4	Cornell Pump Co.	158407 12.50
Pump 2		25	3RB-25-3-4	Cornell Pump Co.	158408 12.50
Pump 3		25	3RB-25-4	Cornell Pump Co.	117107 12.50
Pump 4		25	3RB-25-4	Cornell Pump Co.	105549 12.50

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Velocimeter	Acoustic Doppler	SonTek Flow Tracker	NA	NA	NA	NA

2. Measurements:

A flow tracker was used to measure ditch flow above and below the 8.66" pipe that was discharging into the ditch. The measuring point was located at 44°35'9.97"N, 116°26'7.21"W. The pipe has a tee on the north bank side of the ditch (right bank). A cap was removed so water could discharge into the ditch. The pipe feeds both pivots as outlined in the attached system diagram.

E. FLOW CALCULATIONS

Measured Method:

The upstream measurement obtained a flow of 4.079 cfs, while the downstream flow totaled 7.818 cfs. The 8.66" pipe was estimated to be adding 3.739 cfs into the ditch (7.818 cfs – 4.079 cfs). **The recommended rate for this right is 1.79 cfs as permitted.**

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA – Irrigation from natural stream per IDAPA 37.03.02.035.j.viii
2. Volume Calculations for Other Uses: NA

G. NARRATIVE/REMARKS/COMMENTS

Permit No. 67-15030 authorizes a diversion rate of 1.79 cfs and assumes a volume limit of 600.0 AF (150 acres X 4 H.G.R.) for irrigation purposes. A field exam was conducted by WRAs Patrick Kelly and Aaron Skinner on May 8, 2017, who were accompanied by Tom Grossen, the permit holder.

BACKGROUND:

The purpose of this right was to maximize the appropriation of the Little Weiser River water for irrigation purposes using the same system and acreage as WR No. 67-7866. At the time of licensing WR No. 67-7866, the diversion rate was limited to the capacity of the flume used by the Little Weiser Irrigation District. A 12" cipolletti weir has since been installed allowing a total diversion rate of 3.0 cfs to the proposed 150 acres.

System Description:

Little Weiser River water is conveyed to the Grossen's property via Gray's Creek Ditch. A large wheel gate is at the mouth of Gray's Creek Ditch as shown in the attached system diagram that diverts water from the Little Weiser River. 0.3 miles upstream of the wheel gate is a 12" cipolletti weir that is used as the system's measuring device in which several users receive water from this diversion. At the corner of Ogle Lane and Indian Valley Road, water arrives to Mr. Grossen's property. Water is pumped from the ditch through a 10" pipe using 2 – 25 hp pumps. Water is carried through the pipe underground to the ditch that runs parallel to Grey's Creek Road. A second set of 25 hp pumps are used to pump water across the fields to the north and over to the pivots. The pipe line is 8.66" inches in diameter and buried. Two pivots are used to irrigate the land and the corner sections are irrigated by hand lines according to Mr. Grossen's comments during the field exam. 3" aluminum hand lines were present along the ditch during the exam.

Diversion Rate and Volume:

The permitted rate and assumed volume for this right is 1.79 cfs and 600 AF respectively. These calculations were based on 150 acres and an attempt to receive a total diversion of 3.0 cfs from the Little Weiser River. WR No. 67-7866 is an overlapping right using the same delivery system and acreage. WR No. 67-7866 has a licensed diversion rate of 1.21 cfs (this permit 1.79 cfs + WR No. 67-7866's rate 1.21 cfs = 3.0 cfs). Irrigation had not started at the time of the initial exam. On June 22, 2017, I returned to obtain a flow measurement. Mr. Grossen had range cows on the acreage and was not irrigating, but said water was available to measure. The pipe that feeds the pivots was uncapped, which allowed water to flow into a ditch. A flow measurement above and below the discharge point was taken; labeled Grossen and Grossen2 respectively. Although condition were not ideal (high vegetation affecting SNR), the measurements are not limiting factors, so will only be used as a verification tool. The rate was calculated to be 3.74 cfs as shown in Section E of this report. Therefore, a rate of 1.79 cfs will be recommended to licensing with combination use conditions.

Volume calculations used 144.0 acres instead of the permitted 150 acres. Aerial imagery from 2009 was used to calculate the place of use. More recent imagery was difficult to see much irrigation as Mr. Grossen stated water availability has been limited and he has been unable to irrigate what he intended (beyond groundwater WR No. 67-8011). When water is available, the noted acreage can and has been irrigated. Volume recommendations from a natural stream are not required for licensing per IDAPA 37.03.02.035.j.viii. As a result, only a **rate to 1.79 cfs for irrigation of 144 acres will be recommended for licensing.**

Ownership:

Current Adams County taxlot data was used to verify land ownership and confirmed that Tom and Norma Grossen own the land associated to this right.

Overlap:

An overlap analysis was completed for the Point of Diversion (POD) and Place of Use (POU). There are several water rights that use Gray's Creek Ditch as a conveyance. Please see the attached spreadsheet outlining all the other WRs that divert water from Grey's Creek Ditch. Specific to this permit, WR No. 67-7866 has the same POD and POU. WR No. 67-8011 has the same POU, but is a groundwater right. Because these two WRs overlap with this permit, a combine use limits of 3.0 cfs and 576.0 AF and conditions not to exceed 0.02 cfs/acre and 4.0 AF/acre will be recommended for licensing. Mr. Grossen confirmed that no Little Weiser Irrigation District water is delivered to the POU, therefore, no overlap is pertinent relative to Little Weiser Irrigation District as outlined in the overlap analysis included in this file.

Conditions:

Condition 26A was removed and not forwarded to licensing. Condition 004, 086, and 087 are recommended for licensing. Condition R05 was updated with current language and recommended for licensing. Condition 121 was updated to 103 and recommended to licensing. Condition 01J was updated to R43 and recommended for licensing. Condition R64 and X35 were recommended for licensing relative to surface water combine use limits.

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>
IRRIGATION	03/15 to 10/31	1.79 CFS	
<u>Totals:</u>		1.790 CFS	

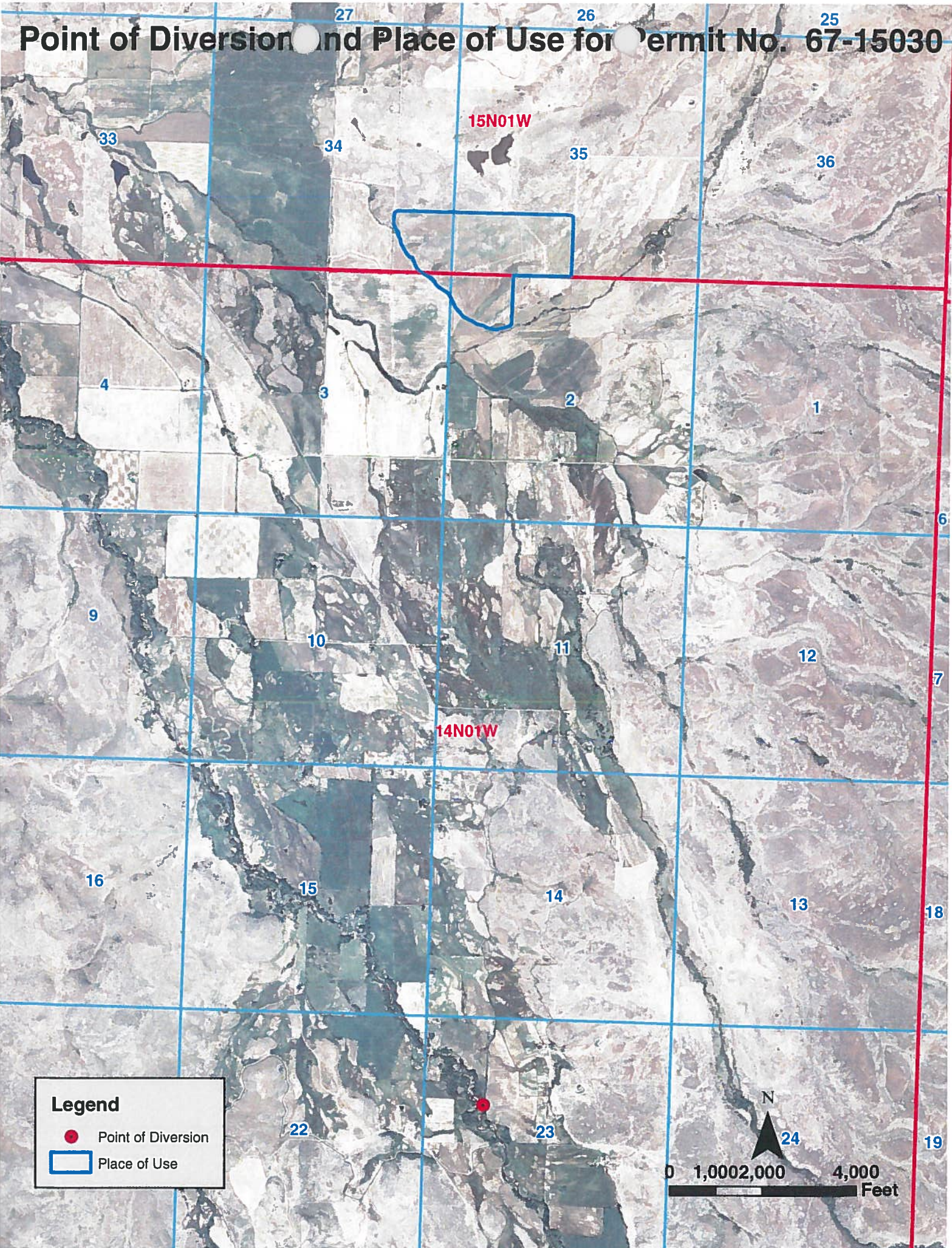
2. Recommended Amendments

☐ 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 ☒ None

I. AUTHENTICATION

Field Examiner's Name Aaron Skinner Date 7/16/2017
 Reviewer Angel M. Quinn Date 9/12/17

Point of Diversion and Place of Use for Permit No. 67-15030



Place Use for Permit No. 07-15030

NESE

SWNW

SESW

NWSW

NESW

15N01W

35

34

SESE

SWSW

SESW

NENE 1

NWNW 4

NENW 3

3

14N01W

2

SENE

SWNW

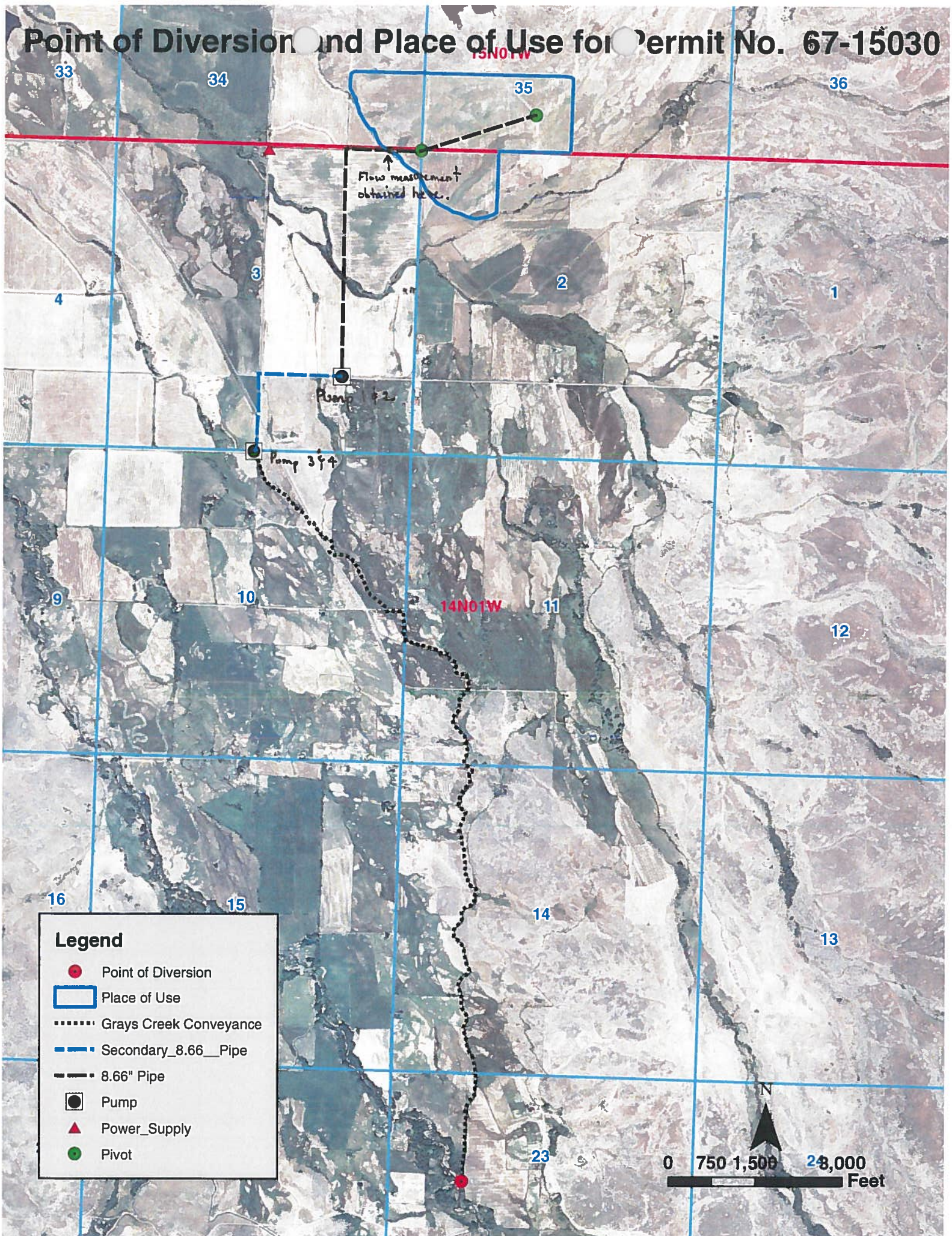
SESW

Legend

Place of Use



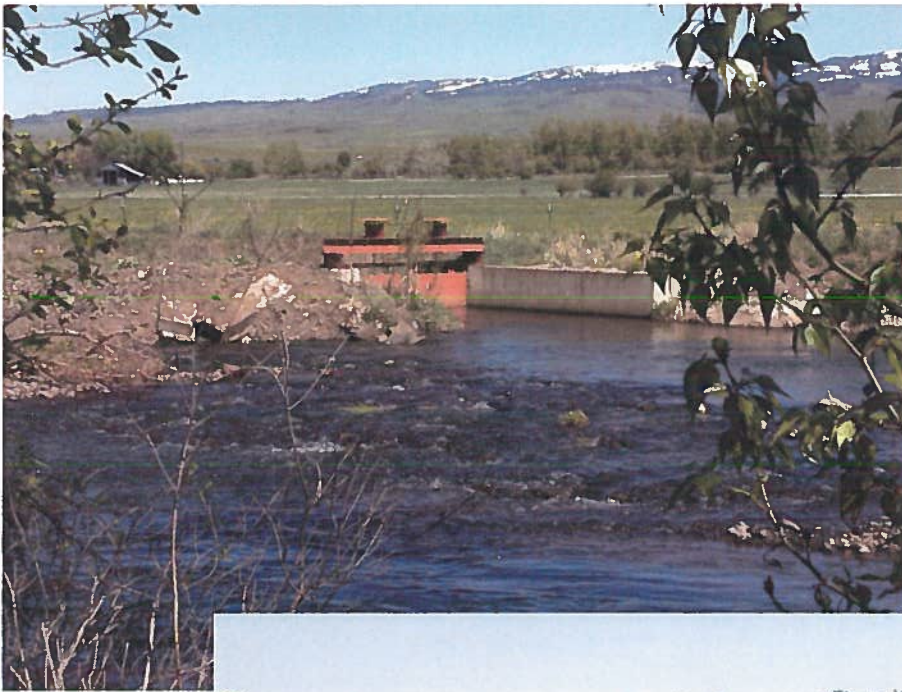
Point of Diversion and Place of Use for Permit No. 67-15030



Grays Creek

Large wheel gate delivers water to some 20+ users. River is dammed late in season to deliver water into ditch.

A 12' cipolletti weir is in place 0.3 miles from gate. Ventilation concerns exist at this measuring site. It was discussed to raise the blade, so long that it does not create flood issues in adjacent fields.



Discharge Measurement Summary

Date Generated: Mon Jul 17 2017

File Information

File Name GROSSEN.WAD
Start Date and Time 2017/06/22 12:12:39

Site Details

Site Name UPSTREAM
Operator(s) AS

System Information

Sensor Type FlowTracker
Serial # P4553
CPU Firmware Version 3.7
Software Ver 2.30
Mounting Correction 0.0%

Units (English Units)

Distance ft
Velocity ft/s
Area ft²
Discharge cfs

Discharge Uncertainty

Category	ISO	Stats
Accuracy	1.0%	1.0%
Depth	0.2%	2.8%
Velocity	1.6%	9.2%
Width	0.2%	0.2%
Method	1.6%	-
# Stations	5.1%	-
Overall	5.7%	9.7%

Summary

Averaging Int. 20 # Stations 10
Start Edge REW Total Width 4.200
Mean SNR 52.8 dB Total Area 4.230
Mean Temp 61.51 °F Mean Depth 1.007
Disch. Equation Mid-Section Mean Velocity 0.9643
Total Discharge 4.0790

Measurement Results

St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	12:12	1.30	None	0.650	0.0	0.0	0.0000	1.00	0.1526	0.065	0.0099	0.2
1	12:18	1.50	0.6	0.900	0.6	0.360	0.1526	1.00	0.1526	0.315	0.0481	1.2
2	12:20	2.00	0.2/0.8	1.000	0.2	0.800	0.2211	1.00	0.3054	0.500	0.1527	3.7
2	12:23	2.00	0.2/0.8	1.000	0.8	0.200	0.3898					
3	12:26	2.50	0.8/0.2	1.200	0.2	0.960	1.2844	1.00	1.2533	0.600	0.7521	18.4
3	12:25	2.50	0.8/0.2	1.200	0.8	0.240	1.2221					
4	12:27	3.00	0.2/0.8	1.300	0.2	1.040	1.8320	1.00	1.7680	0.650	1.1491	28.2
4	12:27	3.00	0.2/0.8	1.300	0.8	0.260	1.7041					
5	12:29	3.50	0.2/0.6/0.8	1.300	0.2	1.040	1.8543	1.00	1.8739	0.650	1.2179	29.9
5	12:30	3.50	0.2/0.6/0.8	1.300	0.6	0.520	1.8619					
5	12:28	3.50	0.2/0.6/0.8	1.300	0.8	0.260	1.9173					
6	12:37	4.00	0.8/0.6/0.2	1.000	0.2	0.800	1.1637	1.00	0.9500	0.500	0.4750	11.6
6	12:36	4.00	0.8/0.6/0.2	1.000	0.6	0.400	1.0272					
6	12:35	4.00	0.8/0.6/0.2	1.000	0.8	0.200	0.5817					
7	12:39	4.50	0.6	0.900	0.6	0.360	0.4882	1.00	0.4882	0.450	0.2197	5.4
8	12:40	5.00	0.6	1.000	0.6	0.400	0.1093	1.00	0.1093	0.500	0.0546	1.3
9	12:40	5.50	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Discharge Measurement Summary

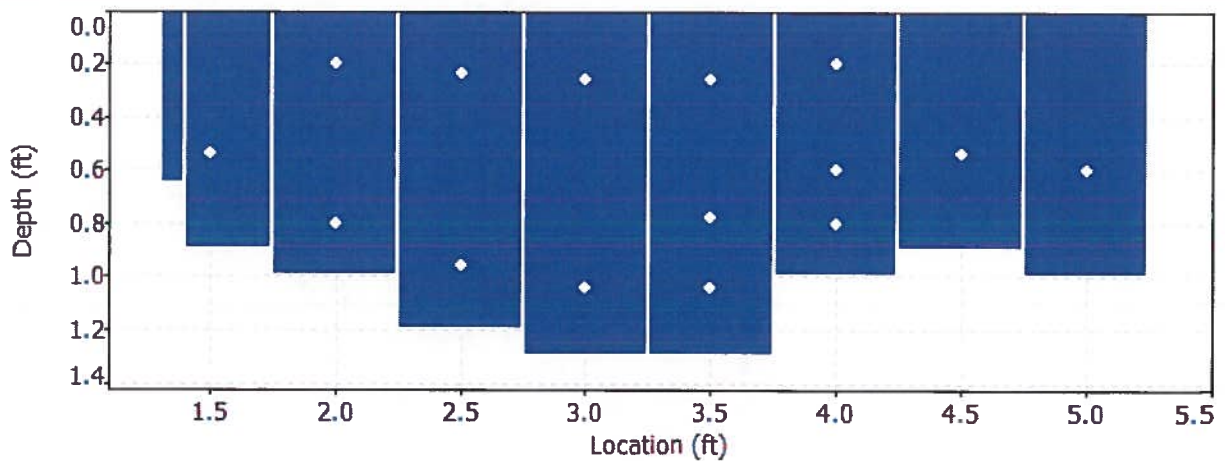
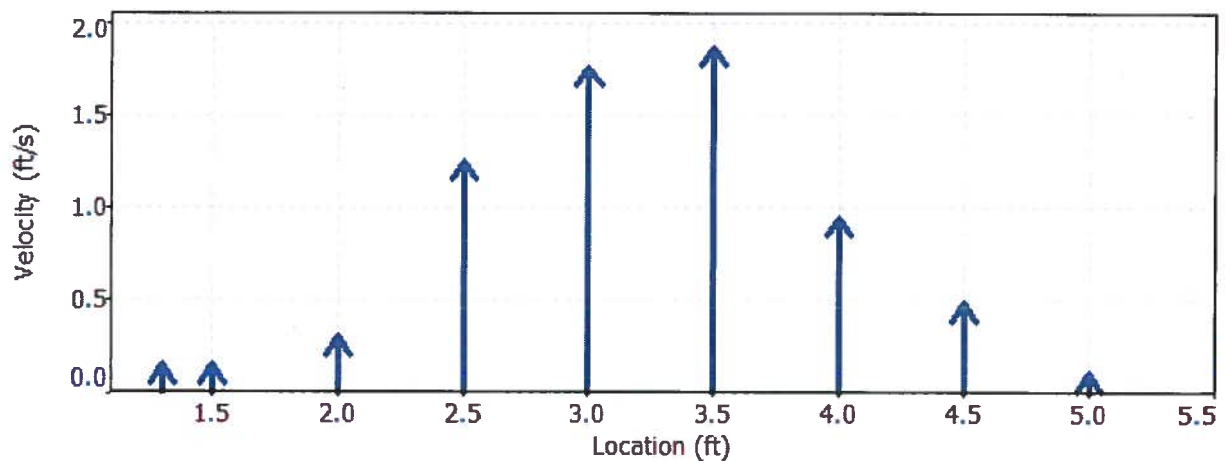
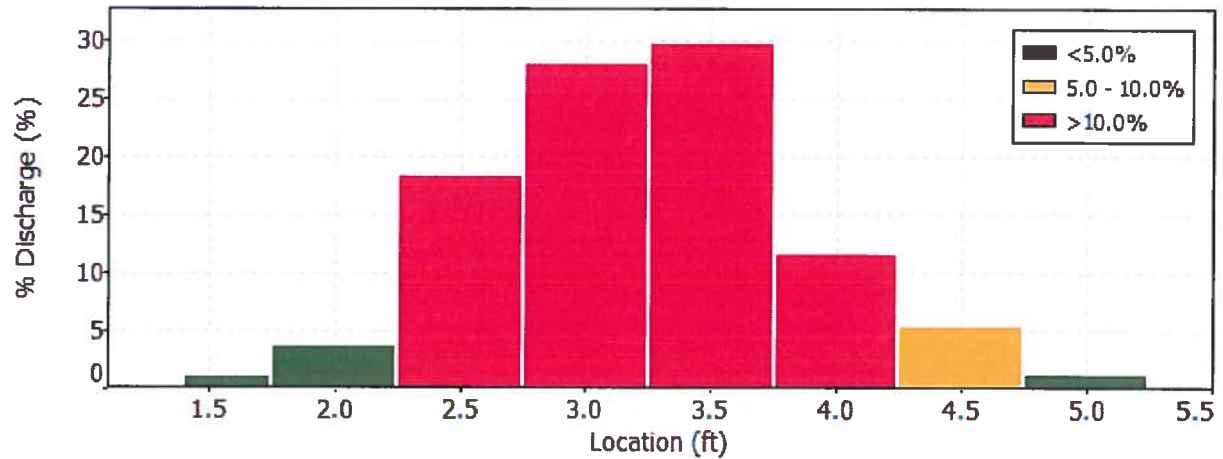
Date Generated: Mon Jul 17 2017

File Information

File Name GROSSEN.WAD
Start Date and Time 2017/06/22 12:12:39

Site Details

Site Name UPSTREAM
Operator(s) AS



Discharge Measurement Summary

Date Generated: Mon Jul 17 2017

File Information

File Name GROSSEN.WAD
Start Date and Time 2017/06/22 12:12:39

Site Details

Site Name UPSTREAM
Operator(s) AS

Quality Control

St	Loc	%Dep	Message
6	4.00	0.2	High standard error: 0.139
		0.6	High standard error: 0.142
		0.8	High standard error: 0.125
7	4.50	0.6	High differences in beam SNR: 46.4,56.7
		0.6	High SNR variation during measurement: 9.9,1.3
8	5.00	0.6	High differences in beam SNR: 49.0,30.9
		0.6	SNR (40.0) is different from typical SNR (52.8)
		0.6	High SNR variation during measurement: 5.6,8.6

Discharge Measurement Summary

Date Generated: Mon Jul 17 2017

File Information

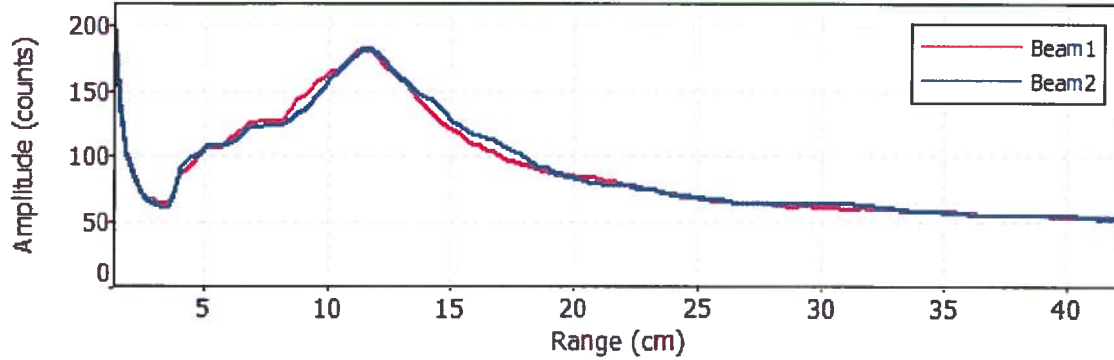
File Name GROSSEN.WAD
Start Date and Time 2017/06/22 12:12:39

Site Details

Site Name UPSTREAM
Operator(s) AS

Automatic Quality Control Test (BeamCheck)

Thu Jun 22 12:07:12 MDT 2017



- ✓ Noise level check - Pass
- ✓ SNR check - Pass
- ✓ Peak location check - Pass
- ✓ Peak shape check - Pass

Discharge Measurement Summary

Date Generated: Mon Jul 17 2017

File Information

File Name GROSSEN2.WAD
Start Date and Time 2017/06/22 13:10:29

Site Details

Site Name DOWNSTREAM
Operator(s) AS

System Information

Sensor Type FlowTracker
Serial # P4553
CPU Firmware Version 3.7
Software Ver 2.30
Mounting Correction 0.0%

Units (English Units)

Distance ft
Velocity ft/s
Area ft²
Discharge cfs

Discharge Uncertainty

Category	ISO	Stats
Accuracy	1.0%	1.0%
Depth	0.2%	3.7%
Velocity	2.2%	10.6%
Width	0.2%	0.2%
Method	3.3%	-
# Stations	4.6%	-
Overall	6.2%	11.3%

Summary

Averaging Int. 20 # Stations 11
Start Edge REW Total Width 9.500
Mean SNR 59.4 dB Total Area 9.225
Mean Temp 61.63 °F Mean Depth 0.971
Disch. Equation Mid-Section Mean Velocity 0.8475
Total Discharge 7.8177

Measurement Results

St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	13:10	1.50	None	0.500	0.0	0.0	0.0000	1.00	-0.0177	0.125	-0.0022	0.0
1	13:10	2.00	0.6	0.800	0.6	0.320	-0.0177	1.00	-0.0177	0.600	-0.0106	-0.1
2	13:11	3.00	0.6	1.000	0.6	0.400	0.8950	1.00	0.8950	1.000	0.8950	11.4
3	13:13	4.00	0.6	1.300	0.6	0.520	1.6470	1.00	1.6470	1.300	2.1409	27.4
4	13:13	5.00	0.6	1.200	0.6	0.480	1.5682	1.00	1.5682	1.200	1.8821	24.1
5	13:14	6.00	0.6	1.200	0.6	0.480	1.3865	1.00	1.3865	1.200	1.6640	21.3
6	13:16	7.00	0.6	1.300	0.6	0.520	0.3035	1.00	0.3035	1.300	0.3945	5.0
7	13:17	8.00	0.6	1.000	0.6	0.400	0.3543	1.00	0.3543	1.000	0.3543	4.5
8	13:18	9.00	0.6	0.900	0.6	0.360	0.2421	1.00	0.2421	0.900	0.2179	2.8
9	13:19	10.00	0.6	0.600	0.6	0.240	0.4698	1.00	0.4698	0.600	0.2819	3.6
10	13:19	11.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Discharge Measurement Summary

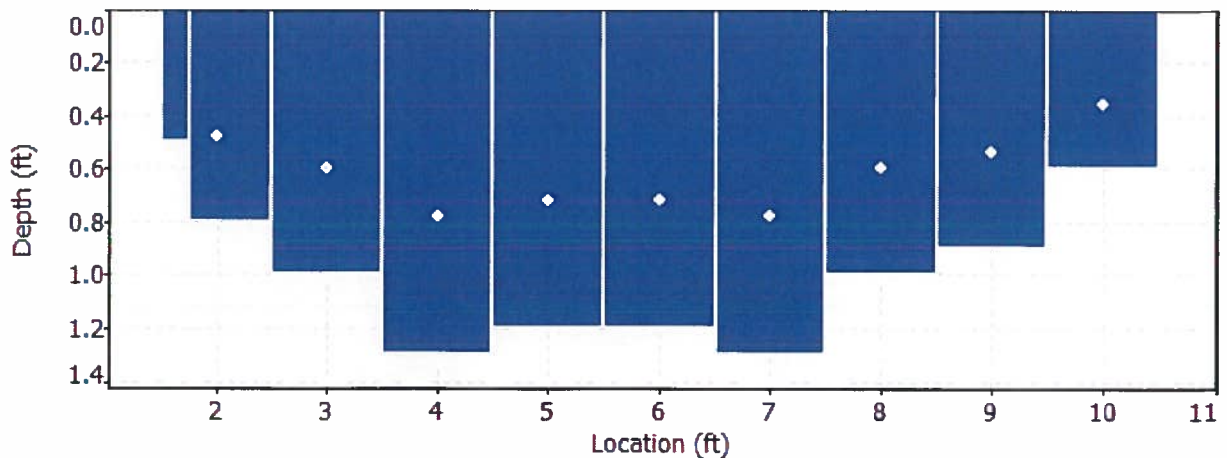
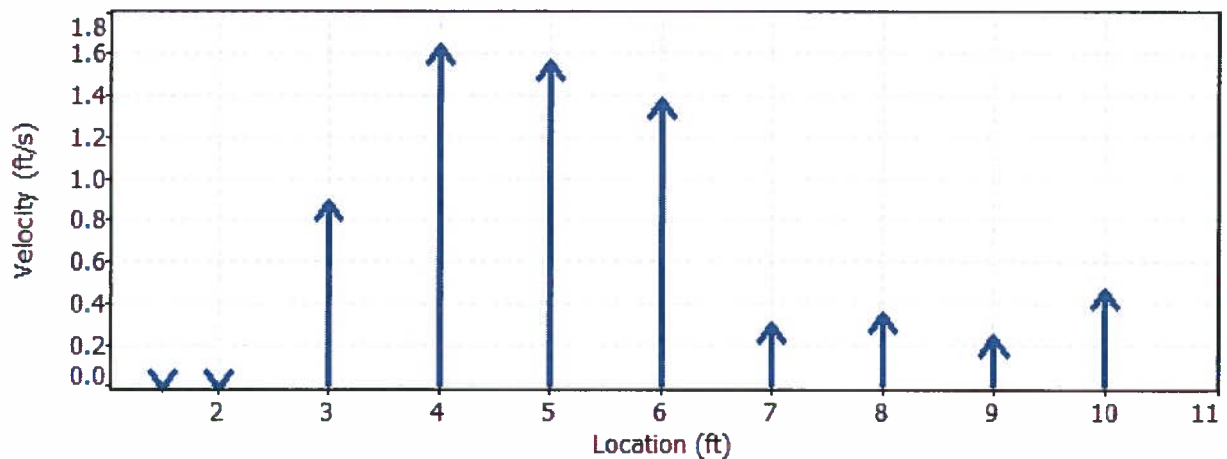
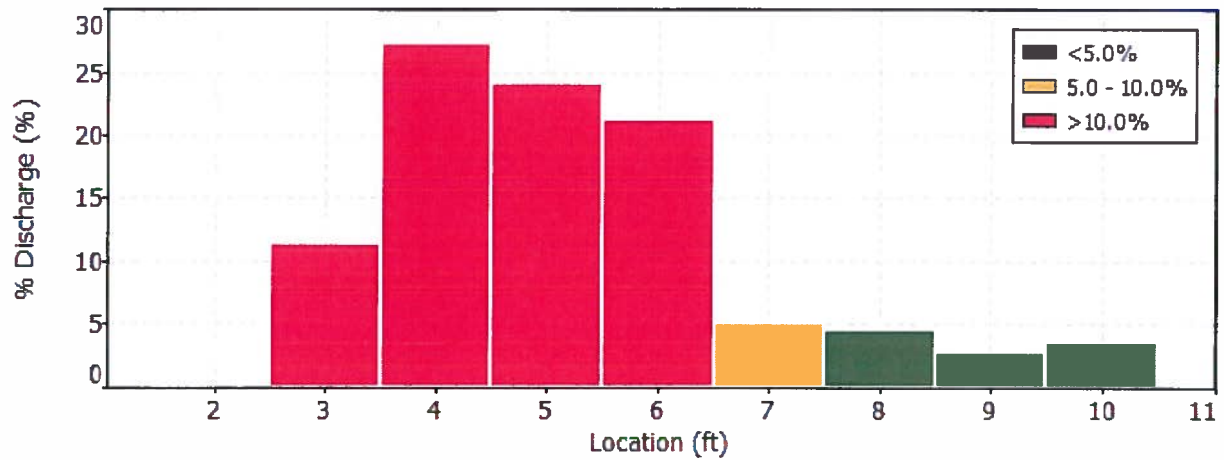
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Start Date and Time 2017/06/22 13:10:29

Site Details

Site Name DOWNSTREAM
Operator(s) AS



Discharge Measurement Summary

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File Information

File Name GROSSEN2.WAD
Start Date and Time 2017/06/22 13:10:29

Site Details

Site Name DOWNSTREAM
Operator(s) AS

Quality Control

St	Loc	%Dep	Message
6	7.00	0.6	High angle: 22
8	9.00	0.6	High angle: 39
9	10.00	0.6	High angle: 22

Discharge Measurement Summary

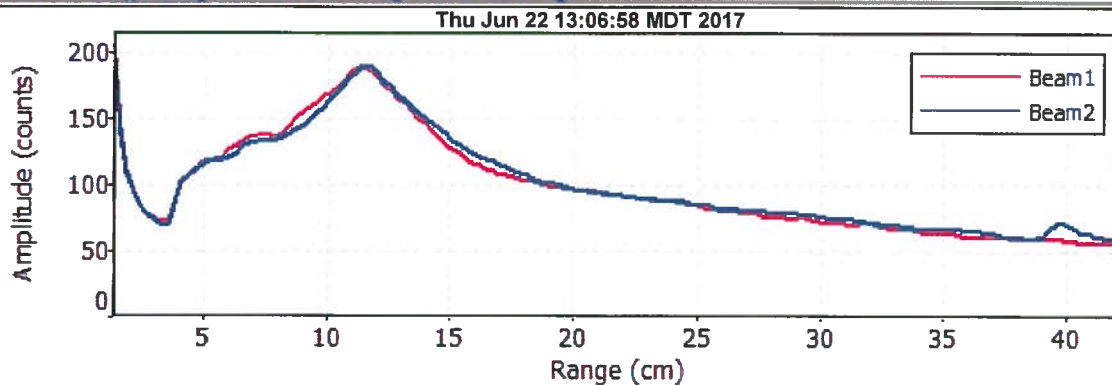
Date Generated: Mon Jul 17 2017

File Information

File Name GROSSEN2.WAD
Start Date and Time 2017/06/22 13:10:29

Site Details

Site Name DOWNSTREAM
Operator(s) AS

Automatic Quality Control Test (BeamCheck)

- ✓ Noise level check - Pass
- ✓ SNR check - Pass
- ✓ Peak location check - Pass
- ✓ Peak shape check - Pass

Overlap Analysis for Permit No. 67-15030 POD

14N01W23

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Right	67-10067	N	CORIELL, DALE L; CORIELL, WANNA BELLE	GROUND WATER									X									
Water Right	67-10081 *	N	CORIELL, DALE L; CORIELL, WANNA BELLE	WASTE WATER									X									
Water Right	67-11302 *	N	ALLEY, SAMANTHA M; EGGEBEEN, GEERT; PETTY, FRANCES E; VOERMAN, LITTLE WEISER RIVER										X									
Water Right	67-11414 *	N	BAUER, BRIAN D; BAUER, CYNDI D; DUNHAM, ALLAN; DUNHAM, RONALD LITTLE WEISER RIVER										X									
Water Right	67-14293 *	N	ADKINS, LARRY E; ANDERSON, FRED; JOHNSON, LILIANA; JOHNSON, RICH. LITTLE WEISER RIVER										X									
Water Right	67-14807 *	N	ALLRED, DAVID VON; ALLRED, RAMONA L	LITTLE WEISER RIVER									X									
Water Right	67-14873 *	N	HUST, ADRIAN R; HUST, JAMES D; JONES JR, JAMES ROBERT; JONES, EMIL LITTLE WEISER RIVER										X									
Water Right	67-14894 *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	LITTLE WEISER RIVER									X									
Water Right	67-14895 *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	LITTLE WEISER RIVER									X									
Water Right	67-15013 *	N	RAY, ESTHER L; RAY, RONALD J	LITTLE WEISER RIVER									X									
Water Right	67-15030	Y	GROSSEN, NORMA R; GROSSEN, TOMMY L; NORTHWEST FARM CREDIT S LITTLE WEISER RIVER										X									
Water Right	67-4083A *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L; SHAW, EARL W; SHAW, JANET LITTLE WEISER RIVER										X									
Water Right	67-424 *	N	BUCHANAN, ALLEN M; BUCHANAN, VIVIAN L; LINDER, J I	LITTLE WEISER RIVER									X									
Water Right	67-427 *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L; LEWIS, G W	LITTLE WEISER RIVER									X									
Water Right	67-4278A *	N	HUEY, BARBARA; HUEY, MICHAEL; RINEHART, EDITH E; RINEHART, STAN LITTLE WEISER RIVER										X									
Water Right	67-429 *	N	IMLER, ELLA; KRETTEN, RICHARD A	LITTLE WEISER RIVER									X									
Water Right	67-4298 *	N	YANTIS, RALPH; YANTIS, SCOTT I A	LITTLE WEISER RIVER									X									
Water Right	67-4303 *	N	BUCHANAN, ALLEN M; BUCHANAN, VIVIAN L	LITTLE WEISER RIVER									X									
Water Right	67-431 *	N	LEGG FAMILY TRUST; LEGG, ALVIN Y; LEGG, KATHLEEN L; THOMPSON, L A LITTLE WEISER RIVER										X									
Water Right	67-432 *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L; HUTCHINSON, A L	LITTLE WEISER RIVER									X									
Water Right	67-433A *	N	ALLRED, DAVID VON; ALLRED, RAMONA L; BOTT, EDWARD T BUZZ; BOTT, LITTLE WEISER RIVER										X									
Water Right	67-4340 *	N	BABCOCK, FLORENCE I; BABCOCK, OTIS; WARD, VICTOR	LITTLE WEISER RIVER									X									
Water Right	67-435 *	N	BOTT, EDWARD T BUZZ; BOTT, HOMER; BOTT, STELLA; CORNETT, ROBERT LITTLE WEISER RIVER										X									
Water Right	67-436A *	N	HOLMES, JOHN W; HUTCHINSON, WILLIAM; SHAW, JAMES B; SHAW, PAT LITTLE WEISER RIVER										X									
Water Right	67-436B *	N	GROSSEN, TOMMY L; HUTCHINSON, WILLIAM	LITTLE WEISER RIVER									X									
Water Right	67-437 *	N	GORDON, A W; GRAHAM, DEZARAE A; GREEN, THOMAS A	LITTLE WEISER RIVER									X									
Water Right	67-438 *	N	LEITCHLIETER, JOHN; MEENEELY, J W; WINFREE, GEORGIA; WINFREE, NEV LITTLE WEISER RIVER										X									
Water Right	67-439 *	N	ALLRED, DAVID VON; ALLRED, RAMONA L; BARKER, ALICE M; BARKER, RIC LITTLE WEISER RIVER										X									
Water Right	67-443 *	N	LINDSEY, D K; YANTIS, RALPH; YANTIS, SCOTT I A	LITTLE WEISER RIVER									X									
Water Right	67-445A *	N	LEGG FAMILY TRUST; LEGG, ALVIN Y; LEGG, KATHLEEN L	LITTLE WEISER RIVER									X									
Water Right	67-449 *	N	BUCHANAN, ALLEN M; BUCHANAN, VIVIAN L; LINDER, J I	LITTLE WEISER RIVER									X									
Water Right	67-451 *	N	DUNHAM, BETTY; DUNHAM, RONALD; MARTIN, E G	LITTLE WEISER RIVER									X									
Water Right	67-452A *	N	BREST, BRIDGETTA L; BREST, LOREN R; LINDER, J I; MC CRUMB, CORA B; A LITTLE WEISER RIVER										X									
Water Right	67-452B *	N	BUCHANAN, ALLEN M; BUCHANAN, VIVIAN L; LINDER, J I	LITTLE WEISER RIVER									X									
Water Right	67-453 *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L; MC DOWELL, ALBERT	LITTLE WEISER RIVER									X									
Water Right	67-454 *	N	GREEN, THOMAS A; JOSLIN, H L	LITTLE WEISER RIVER									X									
Water Right	67-7524 *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	LITTLE WEISER RIVER									X									
Water Right	67-7866 *	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	LITTLE WEISER RIVER									X									

no overlap; east of POD.

Same POD; different POU.

Same POD different POU
Overlap; same POU/POD

Overlap Analysis for Permit No. 67-15030 POU

15N01W35

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Right	67-103	N	GRAYS CREEK MEADOWS DITCH CO; W EUGENE FISHER FAMILY TRUST; UNNAMED STREAM	IRRIGATION		X	X			X	X											45
Water Right	67-14844	N	BOTT, EDWARD T BUZZ; BOTT, HOMER; BOTT, STELLA; GOODWIN, S L; GRAYS CREEK	IRRIGATION								20			25							20
Water Right	67-14845	N	BOTT, EDWARD T BUZZ; BOTT, HOMER; BOTT, STELLA; GOODWIN, S L; GRAYS CREEK	IRRIGATION									20									20
Water Right	67-15030	Y	GROSSEN, NORMA R; GROSSEN, TOMMY L; NORTHWEST FARM CREDIT LITTLE WEISER RIVER	IRRIGATION												40	39					79
Water Right	67-506	N	GRAYS CREEK MEADOWS DITCH CO; W EUGENE FISHER FAMILY TRUST; GRAYS CREEK	IRRIGATION		X	X			X	X											80
Water Right	67-7866	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	IRRIGATION												40	40					69
Water Right	67-8011	N	GROSSEN, NORMA R; GROSSEN, TOMMY L; NORTHWEST FARM CREDIT GROUND WATER	IRRIGATION												34	35					40
Water Right	67-96A	N	BEAM, DARLENE L; BEAM, MARTIN D; BOTT, EDWARD T BUZZ; BOTT, H; GRAYS CREEK	IRRIGATION										40								40

overlap.
overlap.

Overlap Analysis for Permit No. 67-15030 POU

15N01W34

Process	BasinSeq	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Right	67-10071	N	C & V HARRELL RANCH LLC; HARRELL, VEDA	SPRING	STOCKWATER		X															
Water Right	67-10072	N	C & V HARRELL RANCH LLC; HARRELL, VEDA	GROUND WATER	DOMESTIC		X															
Water Right	67-10072	N	C & V HARRELL RANCH LLC; HARRELL, VEDA	GROUND WATER	STOCKWATER		X															
Water Right	67-103	N	GRAYS CREEK MEADOWS DITCH CO; W EUGENE FISHER FAM	UNNAMED STREAM	IRRIGATION	X																
Water Right	67-10720	N	J W HOLMES & SONS; ROBERT AND ILENE WHITEMAN FAMI	SPRING	STOCKWATER			X														
Water Right	67-14743	N	WEBSTER, ANDREW R	GROUND WATER	DOMESTIC	X																
Water Right	67-14895	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	LITTLE WEISER RIVER	IRRIGATION														13.5			13.5
Water Right	67-15030	Y	GROSSEN, NORMA R; GROSSEN, TOMMY L; NORTHWEST FA	LITTLE WEISER RIVER	IRRIGATION																32	32
Water Right	67-2385	N	LITTLE WEISER IRRIGATION DISTRICT; SNOW, ELLIS B	LITTLE WEISER RIVER	IRRIGATION FROM STORAGE									X	X	X	X		X	X	X	
Water Right	67-431	N	LEGG FAMILY TRUST; LEGG, ALVIN Y; LEGG, KATHLEEN L; TH	LITTLE WEISER RIVER	IRRIGATION									39	28	30	28					125
Water Right	67-432	N	GROSSEN, NORMA R; GROSSEN, TOMMY L; HUTCHINSON, A	LITTLE WEISER RIVER	IRRIGATION																5	5
Water Right	67-435	N	BOTT, EDWARD T BUZZ; BOTT, HOMER; BOTT, STELLA; CORN	LITTLE WEISER RIVER	IRRIGATION															36		36
Water Right	67-4452	N	LEGG FAMILY TRUST; LEGG, ALVIN Y; LEGG, KATHLEEN L	GRAYS CREEK	IRRIGATION									39	28	30	28					125
Water Right	67-506	N	GRAYS CREEK MEADOWS DITCH CO; W EUGENE FISHER FAM	GRAYS CREEK	IRRIGATION	X																
Water Right	67-7866	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	LITTLE WEISER RIVER	IRRIGATION																32	32
Water Right	67-7878	N	LITTLE WEISER IRRIGATION DISTRICT	LITTLE WEISER RIVER	IRRIGATION FROM STORAGE									X	X	X	X		X	X	X	34
Water Right	67-8011	N	GROSSEN, NORMA R; GROSSEN, TOMMY L; NORTHWEST FA	GROUND WATER	IRRIGATION																	
Water Right	67-94	N	BAKER, ANNA HARRELL; C & V HARRELL RANCH LLC; GROSSE	UNNAMED STREAM	IRRIGATION		4			35	26											65
Water Right	67-95	N	CORNETT, JACOB; J W HOLMES & SONS; ROBERT AND ILENE	UNNAMED STREAM	IRRIGATION			12				35	35									82

no overlap;
no overlap.
overlap.
no overlap.
overlap.

Overlap Analysis for Permit No. 67-15030 POU

14N01W2

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Right	67-15030	Y	GROSSEN, NORMA R; GROSSEN, TOMMY L;	LITTLE WEISER RIVER	IRRIGATION																	34.2
Water Right	67-4083A	N	GROSSEN, NORMA R; GROSSEN, TOMMY L;	LITTLE WEISER RIVER	IRRIGATION																	2
Water Right	67-7866	N	GROSSEN, NORMA R; GROSSEN, TOMMY L	LITTLE WEISER RIVER	IRRIGATION																	35
Water Right	67-8011	N	GROSSEN, NORMA R; GROSSEN, TOMMY L;	GROUND WATER	IRRIGATION																	37

no overlap

overlap; same POD/POU

overlap; same POU diffent source.

Overlap Analysis for Permit No. 67-15030 POU

14N01W3

Process	BasinSeque Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Right	67-15030	Y	GROSSEN, NORMA R; GROSSEN, LITTLE WEISER RIVER	IRRIGATION	3.3																3.3
Water Right	67-2385	N	LITTLE WEISER IRRIGATION DIST LITTLE WEISER RIVER	IRRIGATION FROM STORAGE	X	X	X	X	X	X			X	X	X	X	X	X	X	X	213
Water Right	67-4083A	N	GROSSEN, NORMA R; GROSSEN, LITTLE WEISER RIVER	IRRIGATION	35	34	35	34									37	38			67
Water Right	67-432	N	GROSSEN, NORMA R; GROSSEN, LITTLE WEISER RIVER	IRRIGATION	34			28									5				3
Water Right	67-7866	N	GROSSEN, NORMA R; GROSSEN, LITTLE WEISER RIVER	IRRIGATION	3																3
Water Right	67-7878	N	LITTLE WEISER IRRIGATION DIST LITTLE WEISER RIVER	IRRIGATION FROM STORAGE	X	X	X	X	X	X			X	X	X	X	X	X	X	X	3
Water Right	67-8011	N	GROSSEN, NORMA R; GROSSEN, GROUND WATER	IRRIGATION	3																3

overlap;
no overlap
no overlap
overlap
no overlap
→ overlap; diff
source



Collection box at the corner of Ogle Lane and Indian Valley Road. Little Weiser River water is conveyed through Grays Creek ditch into the collection box and pumped up into a 10" aluminum pipe that carries water to a ditch off Gray's Creek Road and Indian Valley Road.



Two 25 hp pumps that pushes water through a 10" aluminum pipe to the ditch along Gray's Creek Road.



10" aluminum pipe running parallel with Indian Valley Road that carries the water to the ditch along Gray's Creek Road.



Cover over the two-25 hp pumps
Collection box

Collection box along Gray's Creek Road. Two-25 hp pumps divert the water through an 10" steel pipe to the pivots.



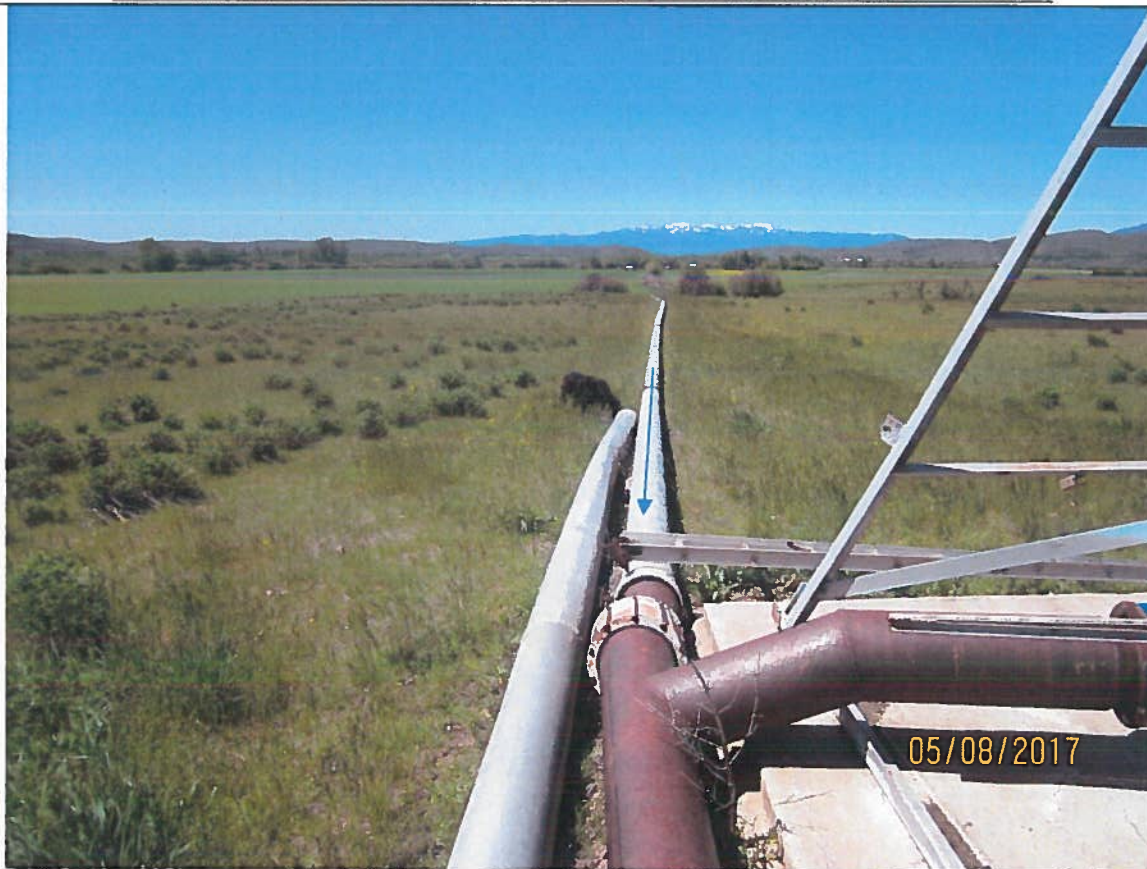
Two-25 hp pumps that divert water through a 10" steel line to the pivots.



Control valve and look at the pipe before it is buried. The lines runs straight through the field to the north for about 1.5 miles and takes a 90° turn to the east eventually connecting to the pivot.



8.66" steel pipe that delivers the water across the ditch over to the pivots. There is a control valve just before the pipe changes from steel to aluminum pipe. Measurements were taken upstream and downstream of his output.



Pipe heading east from the flow measuring point. The blue arrow portrays the flow direction.



The west pivot
located at
44.586111,
-116.433126.



Place of use in the
SWSW of Section
35. Mild alfalfa
used for cow
grazing.



The aluminum pipe turns back to steel and dives underground. It runs through the field to the east pivot.



The east pivot located in the center of SESW of Section 35.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

April 7, 2017

COPY

TOMMY GROSSEN AND/OR
NORMA GORSSSEN
PO BOX 72
INDIAN VALLEY, IDAHO 83632-0072

RE: Scheduling Field Exam for Water Right Permit No. 67-15030

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **during the weeks of May 8th – May 26, 2017**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes a **diversion rate of 1.79 cfs for irrigation use from the Little Weiser River, a tributary to the Weiser River**. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit or if you did develop that use, but subsequently abandoned it, a license cannot be issued. Please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required). The permit will be voided if beneficial use under the permit was not developed or was developed, but is now abandoned and you do not relinquish the permit.

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days to either schedule an examination, submit a relinquishment, or submit an assignment. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Please call me at (208) 334-2190 if you have any questions. I appreciate your attention in this matter and I look forward to hearing from you.

Sincerely,

Aaron Skinner
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Water Permit Report and Map