

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 63-12606

Examiner: CP

Date: 11/30/16

In-office qualification (IDAPA 035.01.r): ☒ Irrigation ≤ 5 acres
☐ Stockwater storage ≤ 14.6 af
☐ Total diversion rate ≤ 0.24 cfs and not irrigation or storage

Current Owner Name: Doug Merges

Address: 27205 Wing Setter Ln. Parma, ID 83660

Beneficial Use Fee Paid: \$50.00

Receipt: W027402

Source: Ross East End Drain Source change? ☒ N ☐ Y Change clarifies originally intended source.
 If not – void permit.

Point of Diversion			NE				NW				SW				SE			
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
05N	05W	17												L7				

Method of Determination: Map provided with application, description confirmed with digital PLS mapping

POD change? ☒ N ☐ Y

Place of Use			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	05W	17												1.1					1.1
														L7					

Method of Determination: Aerial imagery and digital PLS mapping

POU change? ☒ N ☐ Y

Purpose of Use: Irrigation

Purpose change? ☒ N ☐ Y

Method of Determination: Irrigation use apparent in aerial imagery

Standard Season of Use: 03/01 - 11/15

Update required on license? ☒ N ☐ YOverlap Review POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments: No other water rights using water diverted from this pumpPOU overlap? ☒ N ☐ Y WR's:

Comments: Covered by irrigation districts. Right 63-3001 pertinent to land across
 drain

Diversion Rate Permitted Rate: 0.09 cfs BU Standard Limit: 0.03 cfs
 BU Fee Limit: 0.20 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.03 cfs

Annual Volume

For Irrigation: cfs x 1.9835 x days = af
 acres x af/ac (FHR) = af
 Smaller of two volumes = af

For other uses: No volume required per IDAPA 37.03.02 Rule 35.

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Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Irrigation	03/01 - 11/15	0.03	

Totals

0.03 cfs

af

Amendments Required☐ Change P.D.☐ Add P.D☒ None☐ Change P.U.☐ Add P.U.☐ Other:**Conditions:**

Change 121 to 103. R04/R05 and 01H/R02 have been removed because the source, the Ross East End Drain, is not a tributary to the Boise River and is therefore not subject to regulation by Water District 63.

Have conditions of permit been met? ☒ Y ☐ N**Narrative:**

Permit 63-12606 authorized the diversion of 0.09 cfs of water to irrigate 3 acres of land. Irrigated land under this permit is less than 5 acres, qualifying this permit for an in-office field exam. The exam was completed on 11/30/16 by WRA Cody Parker.

The location of the POD was taken from a map provided by the landowner with their application. The location indicated on the map was marked in Arcmap and was described using digital PLS mapping. The location of the POU was determined using digital PLS mapping and aerial imagery. In 2001, when the proof was submitted, the POU was listed as 3 acres. I measured the land area that appeared to have been irrigated from the aerial imagery and determined a POU area of 1.1 acres. The description of the POU was determined from digital PLS mapping. There is a 15 m x 35 m section of the POU that lies outside the Q-Q boundary in Arcmap. However, it would make sense that the property boundary is the edge of this Q-Q, and that the location of the Q-Q line is inaccurate in the digital PLS map. Therefore, I have listed the single Q-Q in the description.

A review of existing water rights shows that there is no overlap with either the POU or the POD. A number of irrigation districts do cover this area. There is also an irrigation right (63-3001) listed nearby but is pertinent to land across the drain and has a different source listed. There is no domestic right associated with this property.

The diversion rate I determined for this license is 0.03 cfs. This is just the standard of 0.03 cfs/acre (Admin Memo #19) multiplied by the POU area of 1.1 acres. No annual volume is required for irrigation use from surface water sources per IDAPA 37.03.02 Rule 35.

Workflow

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 Other:

Supporting Documents

Aerial Photograph ☒ Well Log ☐
 POU/POD Map ☒ Diagrams ☐
 LandSat ☐ Theoretical ☐
 Photographs ☐ Other:
 Site Visit ☐ Date:

AuthenticationField Examiners Name: Cody ParkerDate: 11/30/16Reviewer: Angela AguinDate: 3/8/17

State of Idaho
Department of Water Resources
Map of POU/POD
63-12606

This map depicts the IRRIGATION 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
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.035 0.07 0.14 Miles



Basin	Seq	Owner	Source	Use
63-12606		MERGES, DOUG	ROSS EAST END DRAIN	IRRIGATION
63-172B		ALLEN, C H; DILLEY, EDG	BOISE RIVER	IRRIGATION
63-202B		ALLEN, CHARLES, ALLEN,	BOISE RIVER	IRRIGATION
63-203		STOCKTON, R H	BOISE RIVER	IRRIGATION
63-203B		MARTIN, MONA I, PORTE	BOISE RIVER	IRRIGATION
63-204B		MARTIN, MONA I, PORTE	BOISE RIVER	IRRIGATION
63-21605		MARTIN, MONA I, PORTE	BOISE RIVER	IRRIGATION
63-2167B		TREDWAY, DONALD B; T	GROUND WATER	DOMESTIC
63-2167B		TREDWAY, DONALD B; T	GROUND WATER	STOCKWATER
63-2212		UNITED STATES OF AME	PIPE GULCH DRAW CREEK	IRRIGATION
63-226		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-227		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-227B		BARKER, ALBERT P; RIVE	INDIAN CREEK	IRRIGATION
63-228		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-229		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-2374		BARKER, ALBERT P; RIVE	INDIAN CREEK	IRRIGATION
63-2389		BARKER, ALBERT P; RIVE	ARENA LAKE DRAIN	IRRIGATION
63-26036		STUTHEIT, EDITH; STUTH	GROUND WATER	DOMESTIC
63-26236		STUTHEIT, EDITH; STUTH	WASTE WATER	DOMESTIC
63-26271		MARTIN, MONA I	GROUND WATER	DOMESTIC
63-26271		MARTIN, MONA I	GROUND WATER	STOCKWATER
63-266		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-267		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-268		BARKER, ALBERT P; BELL,	BOISE RIVER	IRRIGATION
63-271		BARTH, GUS A; TREDWA	BOISE RIVER	IRRIGATION
63-271A		BARTH, GUS A; TREDWA	BOISE RIVER	IRRIGATION
63-272		BARTH, GUS A; TREDWA	BOISE RIVER	IRRIGATION
63-276B		CRAWFORTH, ARNOLD C	BOISE RIVER	IRRIGATION
63-28129		HARROLD, LILLIAN M; H	GROUND WATER	DOMESTIC
63-291		ISLAND HIGHLINE DITCH	BOISE RIVER	IRRIGATION
63-292		ISLAND HIGHLINE DITCH	BOISE RIVER	IRRIGATION
63-293		ISLAND HIGHLINE DITCH	BOISE RIVER	IRRIGATION
63-299		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-300		BARKER, ALBERT P; RIVE	BOISE RIVER	IRRIGATION
63-3001		CARLYLE, M W; HARROLL	UNNAMED DRAIN	IRRIGATION
63-3001A		CARLYLE, M W; HARROLL	UNNAMED DRAIN	IRRIGATION
63-3001C		CARLYLE, M W; HARROLL	UNNAMED DRAIN	IRRIGATION
63-31509		CARPENTER, JOHN G	ROSS EAST END DRAIN	IRRIGATION
63-32165		CARLYLE, M W; CLASSEN	UNNAMED DRAIN	IRRIGATION
63-32166		CARLYLE, M W; FOSS, R	UNNAMED DRAIN	IRRIGATION
63-32579		UNITED STATES OF AME	BOISE RIVER	IRRIGATION F
63-33252		BARKER ROSHOLT & SIM	EAST ARENA DRAIN	IRRIGATION
63-33682		BARKER, ALBERT P; RIVE	CHRISTIAN GULCH	IRRIGATION
63-33683		BARKER, ALBERT P; RIVE	GUESS GULCH CREEK	IRRIGATION
63-33735		BARKER, ALBERT P; RIVE	WEST END DRAIN	IRRIGATION
63-33736A		BARKER, ALBERT P; RIVE	MAMMEN GULCH CREEK	IRRIGATION
63-33736B		BARKER, ALBERT P; RIVE	MAMMEN GULCH CREEK	IRRIGATION
63-4007		BARKER, ALBERT P; RIVE	MEADOWS GULCH DRAIN	IRRIGATION
63-4008		BARKER, ALBERT P; RIVE	MAMMEN GULCH CREEK	IRRIGATION
63-4010		BARKER, ALBERT P; RIVE	WEST END DRAIN	IRRIGATION
63-5129		PARMA IRRIGATION DIST	BOISE RIVER	IRRIGATION
63-5130		PARMA IRRIGATION DIST	WASTE WATER	IRRIGATION

[illegible]