

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 63-33321

Examiner: A. Skinner

Date: 01/06/2017

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: Elk Creek Corporation

Address: PO Box 401, Idaho City, ID 83631

Beneficial Use Fee Paid: \$50

Receipt: C102769

Source: Groundwater

 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
06N	05E	26					X											

Method of Determination: Legal description in permit validated by PLS data and mapping tools in ArcMap.

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	
06N	05E	26					D												

Method of Determination: Legal description in permit validated by PLS data and mapping tools in ArcMap.

POU change? ☒ N ☐ Y

Purpose of Use: Domestic - Internal use for 14 mobile homes

Purpose change? ☒ N ☐ Y

Method of Determination: Beneficial Use form states use is for 14 mobile homes. Preliminary Order approving application also outlines 14 homes for internal use only.

Standard Season of Use: 01/01 - 12/31

Update required on license? ☒ N ☐ YOverlap Review POD overlap? ☒ N ☐ Y WR's:
 Analysis Attached ☒ Comments: WR no. 63-4563 and 63-3473 are centroids. It is impossible to locate actual POD as current taxlot data does not match right holder's name.
POU overlap? ☒ N ☐ Y WR's:

Comments:

Diversion Rate	Permitted Rate: 0.06 cfs	BU Standard Limit: 0.17 cfs
	BU Fee Limit: 0.20 cfs	Theoretical (optional): cfs
Recommended Total Div Rate: 0.06 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: Administrator's Memorandum #22 suggests 8.4 acre feet per year (0.6 af X 14 mobile homes). Preliminary order approving application further limited the volume to 4.2 af per year..

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Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Domestic	01/01-12/31	0.06	4.2
Totals		0.06 cfs	4.2 af

Amendments Required

☐ Change P.D. ☐ Add P.D. ☒ None
☐ Change P.U. ☐ Add P.U. ☐ Other:

Conditions:

Condition 046, 004, 26A, and the condition outlining the diversion and rate of 0.06 cfs and 4.2 af. Condition 165 replaced condition 930 and was forwarded to licensing because it illustrates how the POD well must be maintained to comply with the water bearing zone limitation. If a replacement well is ever constructed, having these limitations would be important for compliance reasons. Condition WB5 and 01M are forwarded to licensing.

Have conditions of permit been met? ☒ Y ☐ N

Narrative:

Permit no. 63-33321 authorized the diversion rate of 0.06 cfs from groundwater with a yearly volume limit of 4.2 af as domestic internal use purposes for 14 mobile homes. Based on the small permitted diversion rate and POU, this qualifies for an in-office field exam as stated under IDAPA 37.03.02.035.01r. The exam was completed on January 6, 2017 by WRA Aaron Skinner.

Legal descriptions identified on the permit were used to locate the property in the name of Elk Creek Corporation. Boise County taxlot data confirms and matches the current owner of the water right permit.

Place of Use Comparision software was used for POD and POU analysis. POD analysis exposed five WRs with potential overlap; WR no. 63-29726, 63-31427, 63-3473, 63-4004A, and 63-4563. WR no. 63-29726 is on the western edge of the taxlot for Elk Creek Corporation and does not overlap. WR no. 63-31427 is directly east of the POD for this right and does not overlap. WR no. 63-3473 and 63-4563 are centroids. All the taxlots in the NENW QQ were checked and did not match the right holder's name. WR no. 63-3473's source is Elk Creek, therefore, does not overlap because of the different source. WR no. 63-4563 is a domestic statutory claim with a 1973 priority date. Because this permits well was specifically drilled for the this WR, it is safe to assume there is no POD overlap with WR no. 63-3473. WR no. 63-4004A is located on Lot 2 of the NENW QQ and does not overlap. POU analysis also revealed five areas of potential overlap; WR no. 63-2627, 63-31427, 63-4004A, and 63-4563. WR no. 63-2627 is a municipal right that was delivering water to the mobile homes. The use has since been discontinued for in-house use for the 14 mobile homes when this right was developed. WR no. 63-29726 is the domestic WR for the neighbor to the west of the mobile homes. No overlap is present. WR no. 63-31427 is a surface water irrigation right for Elk Creek Corporation. WR no. 63-4004A is also west of the mobile homes and not pertinent. WR no. 63-4563 is a decreed WR covering the whole NENW QQ and current taxlot data does not match holder's name. Therefore, it is difficult to verify overlap.

This right was contested and held a hearing on November 8-9, 2011. On January 5, 2012, apreliminary order approving the application was established. A diversion rate of 0.06 cfs and volume limit of 4.2 af was approved. This rate and volume is less than the Deptmt standard allowance, therefore, it is recommended that the diversion rate and volume be forwarded to licensing.

Condition 046, 004, 26A, and the condition outlining the diversion and rate of 0.06 cfs and 4.2 af. Condition 165 replaced condition 930 and was forwarded to licensing because it illustrates how the POD well must be maintained to comply with the water bearing zone limitation. If a replacement well is ever constructed, having these limitations would be important for compliance reasons. Condition WB5 and 01M are forwarded to licensing.

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Workflow

Exam Date Entered ☒
POU/POD shapes ☒
Combined Rights Entry ☐
Wild & Scenic Entry ☐
Draft License and Map ☒
FE Database (N: drive) ☒

Supporting Documents

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

Authentication

Field Examiner's Name: Aaron Skinner Date: 1/6/2017

Reviewer: Patrick Kelly Date: 1-9-2017

Water Right POU/POD for Permit 63-33321



Overlap Analysis For Permit No. 63-33321 POD

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	63-10019	N	SHELDON, DANIEL	SPRING																		
Water Right	63-12034	N	STATE OF IDAHO	ELK CREEK										X					X			
Water Right	63-12128	N	SMITH, KENNETH R	GROUND WATER											X							
Water Right	63-12350	N	LONGPRE, JANICE; LONGPRE, ROGER	GROUND WATER				X														
Water Right	63-12608	N	LONGPRE, ROGER	GROUND WATER																		
Water Right	63-15132	N	BLAIR, WILLIAM J; JACKSON, TRUDY L	GROUND WATER																		
Water Right	63-15137	N	EARLS, LORRAINE; JACKSON, TRUDY L; MARKLEY, RICHARD E; SMART, GAIL L	GROUND WATER																		
Water Right	63-15191	N	BREIDING, PATTI JO; JAMES, MARION; OLSON JR, UNGVE H; WILSON, BETH A	GROUND WATER							X									X		
Water Right	63-15235	N	IDAHO CITY HISTORICAL FOUNDATION INC	UNNAMED STREAM											X							
Water Right	63-15419	N	NIEHOFF, MICHELLE; NIEHOFF, TODD C; REED, CARLYNE E	UNNAMED STREAM											X							
Water Right	63-15585	N	ENO SR, ROGER J	GROUND WATER												X						
Water Right	63-2627	N	CITY OF IDAHO CITY; RINGERT CLARK CHARTERED	ELK CREEK										X								
Water Right	63-2627	N	CITY OF IDAHO CITY; RINGERT CLARK CHARTERED	GROUND WATER										X								
Water Right	63-2927	N	STATE OF IDAHO	GROUND WATER										X								
Water Right	63-29726	N	BREIDING, PATTI JO; SCHILLING, CHRISTINE H; WILSON, BETH A	GROUND WATER						X											X	
Water Right	63-30250	N	BRADY, KATHLEEN M; COX, ANNA MAE	UNNAMED STREAM																		
Water Right	63-30370	N	DODGE, MARGARET A	GROUND WATER											X							
Water Right	63-30398	N	CANDDY, CHOLA JOAN; CANDDY, JAMES S; UNITED STATES OF AMERICA ACTING THROUGH	GROUND WATER																		
Water Right	63-30398	N	CANDDY, CHOLA JOAN; CANDDY, JAMES S; UNITED STATES OF AMERICA ACTING THROUGH	MORE CREEK																		
Water Right	63-30404	N	LONGPRE, JANICE; LONGPRE, ROGER	GROUND WATER																		
Water Right	63-31417	N	ELK CREEK CORP	POND						X												
Water Right	63-31757	N	MARK AND LAURINDA RICE TRUST; SANDERS, JEAN; SANDERS, STEVE	UNNAMED STREAM																		
Water Right	63-31775	N	BEVINGTON, HELEN A	UNNAMED STREAM																		
Water Right	63-31996	N	CORTER, CLARA; CORTER, LOYD; NORDBY, THOMAS	UNNAMED STREAM																		
Water Right	63-33321	Y	ELK CREEK CORP; MARCUS MERRICK CHRISTIAN & HARDEE LLP; SPF WATER ENGINEERING LLC	GROUND WATER						X												
Water Right	63-3473	N	UNITED STATES OF AMERICA ACTING THROUGH	ELK CREEK						X												
Water Right	63-4004A	N	BALENT, STEFAN; BREIDING, PATTI JO; PROFFER, FRED; PROFFER, WINIFRED; SCHILLING, CHRISTINE H; WILSON, BETH A	ELK CREEK						X												
Water Right	63-4141	N	WORBOIS, JOHANNA VICTORIA; WORBOIS, MERRILL G	ELK CREEK						X												
Water Right	63-4563	N	SPARKS, BONNIE M; SPARKS, MILTON H	GROUND WATER																		
Water Right	63-7946	N	SANDERSON, VERA; SHIPPY, CARROLL T; SHIPPY, EDNA J	SPRING																		
Water Right	63-9402	N	BAXTER, GENEVA; BAXTER, RAY	GROUND WATER							X											

edge of taxlot; no overlap.

directly east of 63-33321 POD; no overlap.

NE of development; no overlap; centroid
NENW Lot 2; no overlap
NE of development; no overlap; centroid

Overlap Analysis For Permit No. 63-33321 POD

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	63-10019	N	SHELDON, DANIEL	SPRING	DOMESTIC					X												
Water Right	63-12128	N	SMITH, KENNETH R	GROUND WATER	DOMESTIC																	
Water Right	63-12350	N	LONGPRE, JANICE; LONGPRE, ROGER	GROUND WATER	DOMESTIC										X							
Water Right	63-12608	N	LONGPRE, ROGER	GROUND WATER	DOMESTIC																	
Water Right	63-15132	N	BLAIR, WILLIAM J; JACKSON, TRUDY L	GROUND WATER	DOMESTIC																	
Water Right	63-15137	N	EARLS, LORRAINE; JACKSON, TRUDY L; MARKLEY, RICHARD E; SMART, GAIL L	GROUND WATER	DOMESTIC																	
Water Right	63-15191	N	BREIDING, PATTI JO; JAMES, MARION; OLSON JR, UNGVE H; WILSON, BETH A	GROUND WATER	IRRIGATION																	
Water Right	63-15235	N	IDAHO CITY HISTORICAL FOUNDATION INC	GROUND WATER	DOMESTIC																	
Water Right	63-15419	N	NIEHOFF, MICHELLE; NIEHOFF, TODD C; REED, CARLYNE E	UNNAMED STREAM	IRRIGATION																	
Water Right	63-15585	N	ENO SR, ROGER J	UNNAMED STREAM	DOMESTIC																	
Water Right	63-2627	N	CITY OF IDAHO CITY; RINGERT CLARK CHARTERED	GROUND WATER	DOMESTIC																	
Water Right	63-2627	N	CITY OF IDAHO CITY; RINGERT CLARK CHARTERED	ELK CREEK	MUNICIPAL																	
Water Right	63-2927	N	STATE OF IDAHO	GROUND WATER	DOMESTIC																	
Water Right	63-29726	N	BREIDING, PATTI JO; SCHILLING, CHRISTINE H; WILSON, BETH A	GROUND WATER	DOMESTIC																	
Water Right	63-30250	N	BRADY, KATHLEEN M; COX, ANNA MAE	UNNAMED STREAM	DOMESTIC																	
Water Right	63-30370	N	DODGE, MARGARET A	GROUND WATER	DOMESTIC																	
Water Right	63-30398	N	CANDDY, CHOLA JOAN; CANDDY, JAMES S; UNITED STATES OF AMERICA ACTING THROUGH	GROUND WATER	IRRIGATION																	
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Water Right	63-30404	N	LONGPRE, JANICE; LONGPRE, ROGER	GROUND WATER	DOMESTIC																	
Water Right	63-31417	N	ELK CREEK CORP	POND	IRRIGATION																	
Water Right	63-31757	N	MARK AND LAURINDA RICE TRUST; SANDERS, JEAN; SANDERS, STEVE	UNNAMED STREAM	DOMESTIC																	
Water Right	63-31775	N	BEVINGTON, HELEN A	UNNAMED STREAM	AESTHETIC STORAGE																	
Water Right	63-31996	N	CORTER, CLARA; CORTER, LOYD; NORDBY, THOMAS	UNNAMED STREAM	DOMESTIC																	
Water Right	63-33321	Y	ELK CREEK CORP; MARCUS MERRICK CHRISTIAN & HARDEE LLP; SPF WATER ENGINEERING LLC	GROUND WATER	DOMESTIC						X											
Water Right	63-3473	N	UNITED STATES OF AMERICA ACTING THROUGH	ELK CREEK	IRRIGATION						X											
Water Right	63-4004A	N	BALENT, STEFAN; BREIDING, PATTI JO; PROFFER, FRED; PROFFER, WINIFRED; SCHILLING, CHRISTINE H; WILSON, BETH A	ELK CREEK	IRRIGATION																	
Water Right	63-4141	N	WORBOIS, JOHANNA VICTORIA; WORBOIS, MERRILL G	ELK CREEK	DOMESTIC																	
Water Right	63-4563	N	SPARKS, BONNIE M; SPARKS, MILTON H	GROUND WATER	DOMESTIC																	
Water Right	63-7946	N	SANDERSON, VERA; SHIPPY, CARROLL T; SHIPPY, EDNA J	SPRING	DOMESTIC																	
Water Right	63-9402	N	BAXTER, GENEVA; BAXTER, RAY	GROUND WATER	DOMESTIC							X										

overlap

west of POD (neighbor); no overlap.

surface water source; same areas as POD

1 Neighbor; no overlap

decreased for whole RQ. Taxlot matches holder's name. No overlap.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0070273
Drilling Permit No. 970815-876872

Water right or injection well # 63-33321

2. OWNER: Elk Creek Corp.

Name Grant Hawk

Address PO. Box 401

City Idaho City State Id. Zip 83631

3. WELL LOCATION:

Twp. 6 North ☒ or South ☐ Rge. 5 East ☒ or West ☐

Sec. 26 1/4 NE 1/4 NW 1/4

Gov't Lot _____ County Boise

Lat. 43 50.039 (Deg. and Decimal minutes)

Long -115 50.035 (Deg. and Decimal minutes)

Address of Well Site Motherlode Road

City Idaho City

(Give at least name of road - Distance to Road (in feet))

Lot _____ Blk. _____ Sub. Name Elk Creek Corp.

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection

☒ Other Community Public Supply

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well

☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite # 5	0	6'	150 lbs	Overbore pour
Enviroplug 3/8"	6'	128'	3000 lbs	Overbore pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6 5/8"	+2'6"	145'	.250	Steel	☒	☐	☐	☒
4.5"	-10'	170'	40	PVC	☐	☒	☒	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 145 Feet

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☒ Y ☐ N Type Environmental Manufacturing

Method of installation Set with rig

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
170'	210'	.040	40	4.5"	PVC	40

Length of Headpipe 160 Feet Length of Tailpipe 4 inch

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
none				

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 9' Static water level (ft) 5'

Water temp. (°F) 62 Bottom hole temp. (°F) _____

Describe access port Top of well through the well seal

Well test: _____ Test method: _____

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
na	20	60	☐	☐	☒	☐

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
10"	0	9'	Sand and gravel with river rock	X	
10"	9'	18'	Sand and gravel with clay		X
10"	18'	34'	Brown sand		X
10"	34'	38'	Bark gray and sand		X
10"	38'	41'	Burnt wood chunks sand/ blue clay	X	
10"	41'	41.5'	Salt and pepper granite		X
10"	41.5'	120'	Sand and gray clay	X	
10"	120'	136'	Sand and brown clay	X	
10"	136'	140'	Decomposed gray granite	X	
6"	140'	210'	Decomposed gray granite	X	

RECEIVED

NOV 30 2015

WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable) 210 Feet

Date Started: Oct 5, 2015 Date Completed: Oct 23, 2015

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Hiddleston Drilling Co. No. 35

*Principal Driller [Signature] Date Nov 18, 2015

*Driller [Signature] Date Nov 18, 2015

*Operator II _____ Date Nov 18, 2015

Operator I _____ Date Nov 18, 2015

* Signature of Principal Driller and rig operator are required.