

Method of Determination: On-site GPS, USGS Quad, GIS & Air Photo

2. PLACE OF USE: STOCKWATER

TwpRgeSec	NE				NW				SW				SE				Totals
20N23E34	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	X

Method of Determination: On-site GPS, USGS Quad, GIS & Air Photo. Trough located south of the center of the QQ.

3. ☒ Delivery System Diagram Attached (required).
☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use.
☒ Aerial Photo Attached (required for irrigation of 10+ acres).
☒ Photo of Diversion and System Attached

Well or Diversion – Spring development with gravity flow to stack troughs.

D. FLOW MEASUREMENTS

None Made – Not possible at PD and measurement at PU would not be representative of actual diversion due to pipeline storage capacity and natural head pressure.

E. FLOW CALCULATIONS

1. Theoretical flow capacity from chart (attached) for 1 ¼ pipe: $Q = 5 \times 3.1416 \times .0027 = .04$

F. VOLUME CALCULATIONS

1. Volume Calculations for stockwater – 440 pair @ 12gal/day/pair for 245 days = 3.97 AFA, allow 4 AFA

G. NARRATIVE/REMARKS/COMMENTS

This is a closed, naturally pressurized system that is interconnected with 74-15638. The spring box (PD) is subsurface and is connected to a buried 1 ¼" poly pipe supply line that runs to a series of troughs. Troughs are filled through ¾" float valves. The first trough on the supply

line is the PU for this right (74-7359). The pipeline distance from the PD to the first trough is approximately 0.7 miles. The remaining three troughs are covered by 74-15638.

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>
STOCKWATER	5/01 to 12/31	0.040 CFS	

Totals: 0.040 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

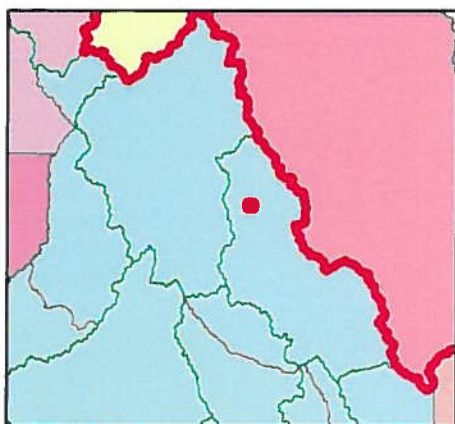
Field Examiner's Name 
Date 1-23-13

Reviewer _____
Date _____



Permit Number
74-7359
(STOCKWATER)

- Point of Diversion
- ▭ State Outline
- ▭ Townships
- ▭ PLS Sections
- ▭ Quarter Quarters

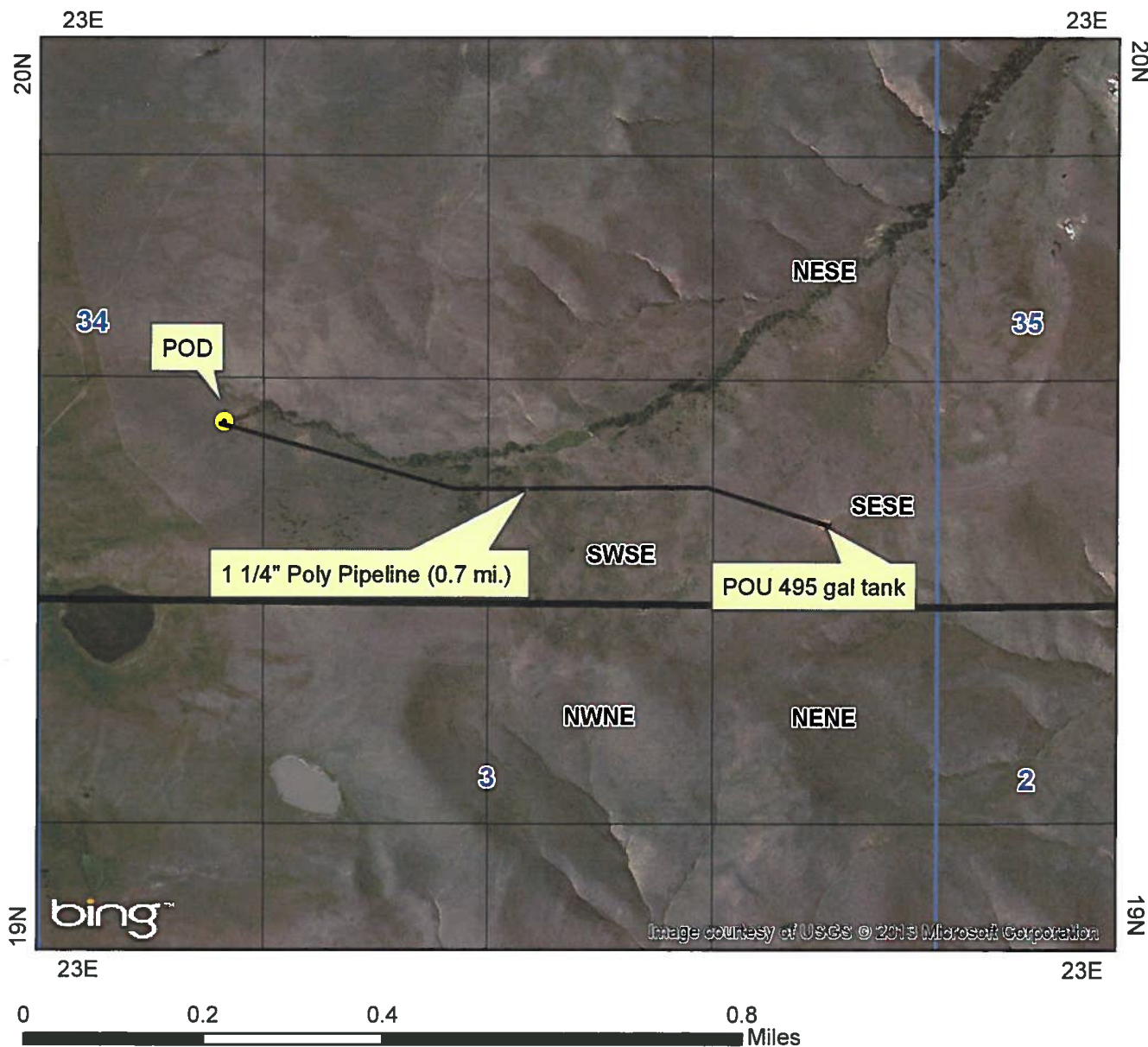


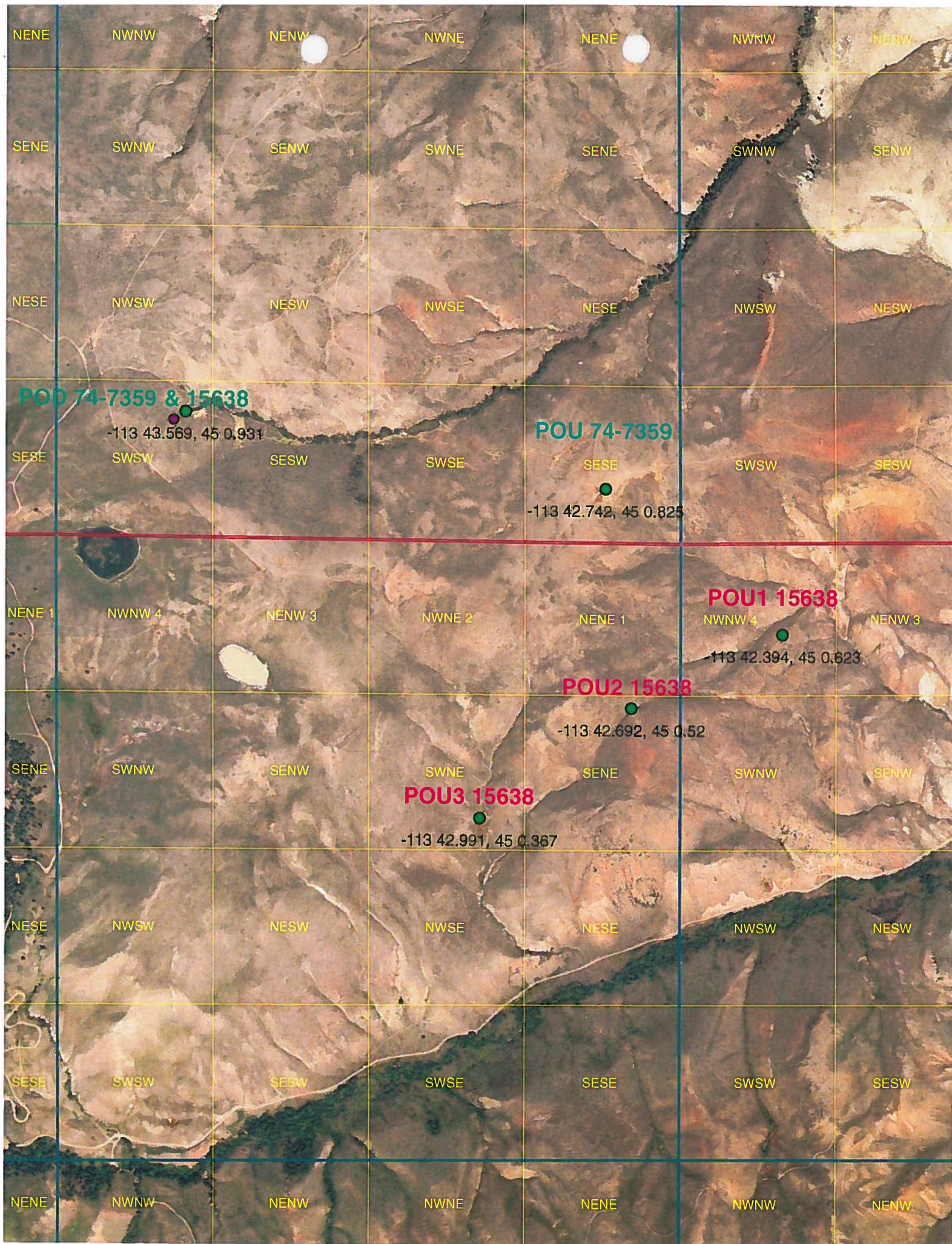
Lemhi County
IDWR Basin 74

Prepared by Whitney, Rob

No Imagery

Idaho Department of Water Resources





X collector
Box

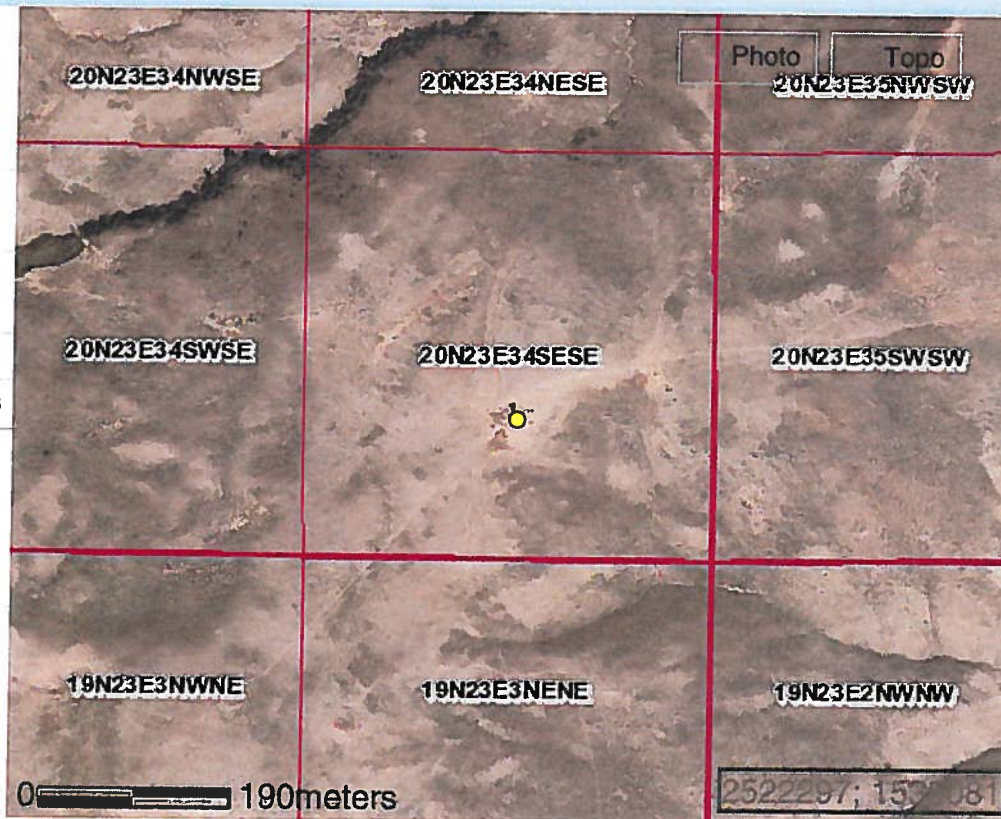




74-7359

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The lat/long you provided was
45° 00.825' N; 113° 42.742' W
SE quarter of the SE quarter of Sec
Township 20N, Range 23E
IDTM NAD83 coordinates:
Easting=2522664.5; Northing=1522081.5

Layers

None

Wells

Water Rights

Water Rights Perm

Adjudication Claim

Adjudication

Recommendations

* Positions of wells/headgates
upon the center of a quarter-c

Drilling restrictions may apply to the following areas:

- Areas Drilling Concern
- Contamination Areas
- Nitrate Priority Areas
- Critical Ground Water Areas

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74-15638

74-7359

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Department of
Water Resources
~~Geographic Information Services~~

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The lat/long you provided was
45° 00.931' N; 113° 43.569' W
SW quarter of the SW quarter of Sec
Township 20N, Range 23E
IDTM NAD83 coordinates:
Easting=2521577.7; Northing=150

Layers

None

Wells

Water Rights

Water Rights Perm

Adjudication Claim

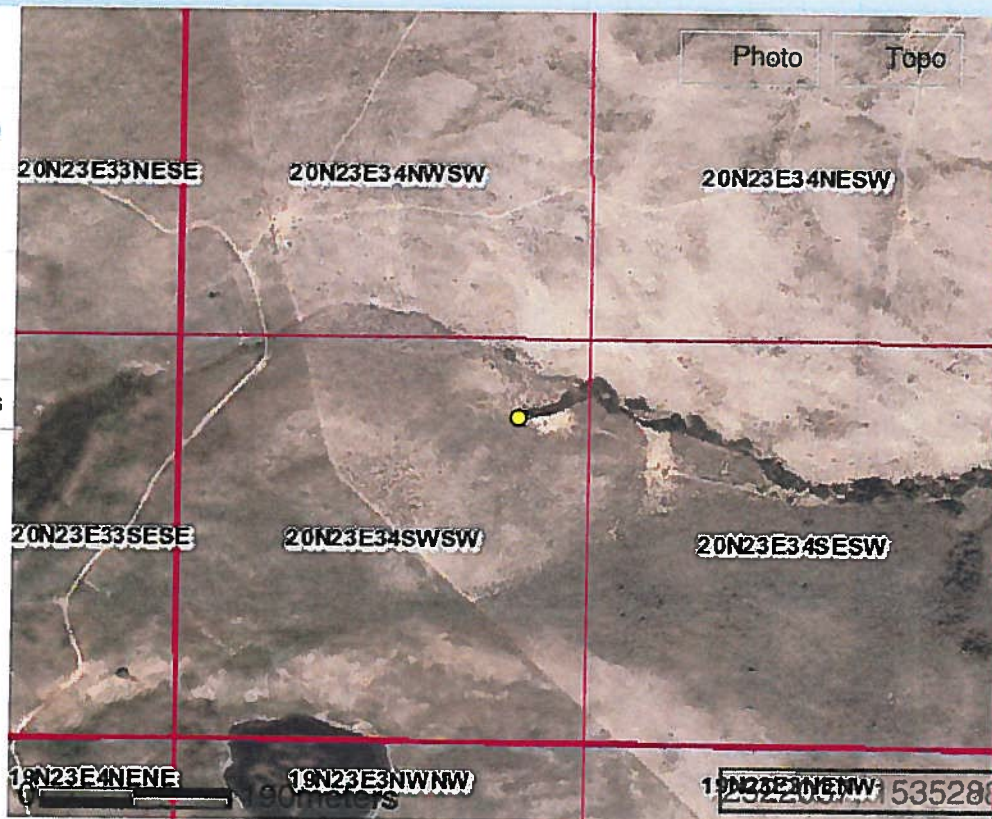
Adjudication

Recommendations

* Positions of wells/headgates
upon the center of a quarter-c

**Drilling restrictions may apply
to the following areas:**

-  Areas Drilling Concern
-  Contamination Areas
-  Nitrate Priority Areas
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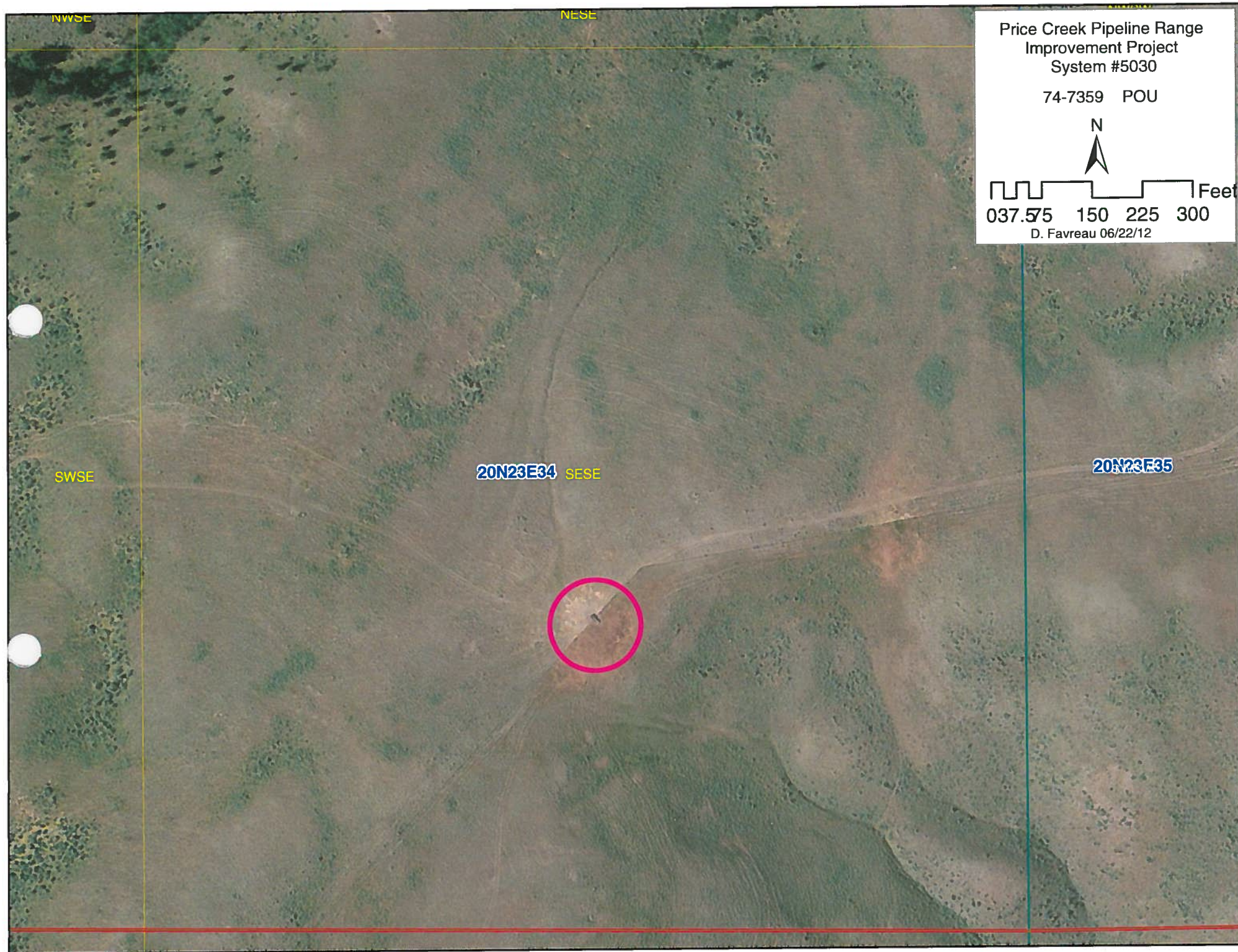
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POU

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
74	7359			Water Permit		Active	N	273	4/3/1995	0.04	SPRING	STOCKWATER	US DEPT OF INTERIOR
			Other Owner	Leased to Water Applica	Approva	Total A	Acre Limi	Volume		Water District			
				No				6/13/1995					

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
74	13226			Water Right	Decree	Active	N	408389	4/17/1926	0.02	SPRING	STOCKWATER	UNITED STATES OF AMERICA A
74	7359			Water Permit		Active	N	273	4/3/1995	0.04	SPRING	STOCKWATER	US DEPT OF INTERIOR
74	15638			Water Permit		Active	N	596888	11/16/2005	0.02	SPRING	STOCKWATER, WILL	US DEPT OF INTERIOR
			Other Owner	Leased to Water Applica	Approva	Total A	Acre Limi	Volume		Water District			
				No									
				No				6/13/1995					
				No				1/19/2006					74 - Lemhi River



Price Creek Pipeline Range
Improvement Project
System #5030

74-7359 POU



037.5 150 225 300 Feet

D. Favreau 06/22/12