

FIELD EXAMINATION OF CSRBA WATER RIGHT CLAIM

Claim Identification Number: 91-7386

Date of Examination: December 10, 2015

Approximate Time of Examination: 15:15

IDWR Field Staff: Evan Roda

Point of Contact: Dennis Powell

Examination Location: 55 Walnut Ln, St. Maries, ID 83861
Tax Lot: RP003800100101

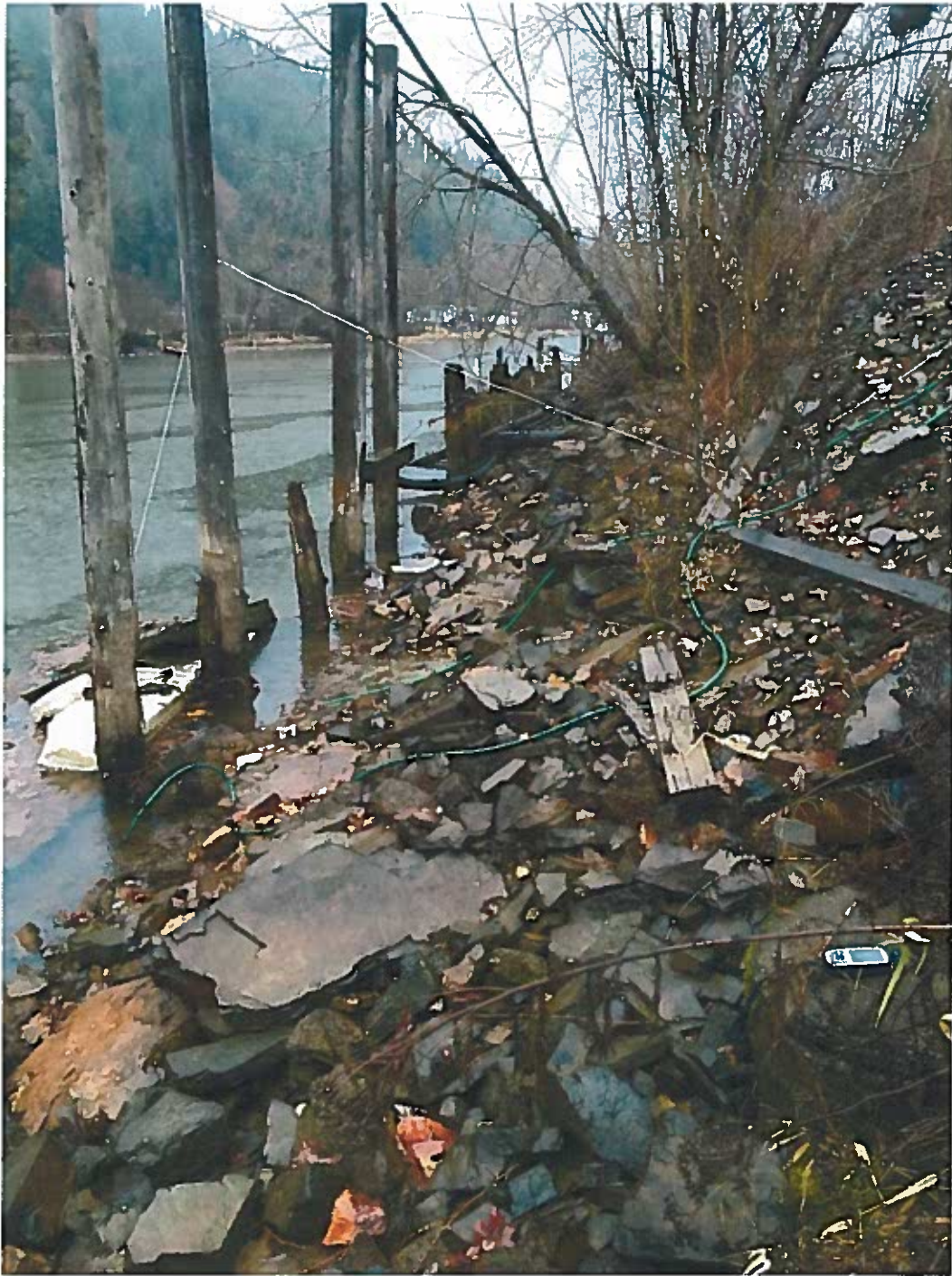
Purpose of Visit: Locate and document POD location

Field Examination Notes: Met with claimant, Dennis Powell, at the location described above. Mr. Powell walked me through the property and showed me the location of his claimed point of diversion (POD), pump house, and also the surveyed borders of his property. A green garden hose was also observed running from the river at the POD location over the embankment to the pump house. Mr. Powell explained that the hose is connected to a submersible pump which delivers water over the embankment for use while he makes necessary repairs and improvements to his existing cistern system.

The POD consists of a concrete cistern approximately 9 feet deep (depth as described by claimant) which collects water from the St. Joe River. The water is then pumped over the embankment to a nearby pump house before being distributed to rest of property. A GPS location was taken from the cistern cover using a Lowrance Expedition GPS which averaged 120 points to obtain an accurate position of the POD. A Nikon ProStaff Laser 440 range finder was then used to measure the distance from the northeast property boundary to the POD location, providing a physical position of the diversion to be cross referenced with the mapped GPS location through ArcGIS computer mapping software.

The point of diversion was located at N 47° 20.055', W 116° 33.524' with a GPS horizontal position accuracy of 5-10 feet. The distance measured from the embankment at northeast property boundary to the embankment above the POD was 244 feet. Using ArcGIS software in conjunction with the data collected, the POD location was confirmed to be located in the SE ¼ of NW ¼ in Section 14, Township 46N, Range 02W. As this POD was erroneously claimed to be in the SW ¼ of NW ¼, an SF5 will need to be submitted to correct the POD location for CSRBA Claim 91-7386.

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1) POD location; GPS can be seen on cistern cover. Temporary garden hose into river also visible.

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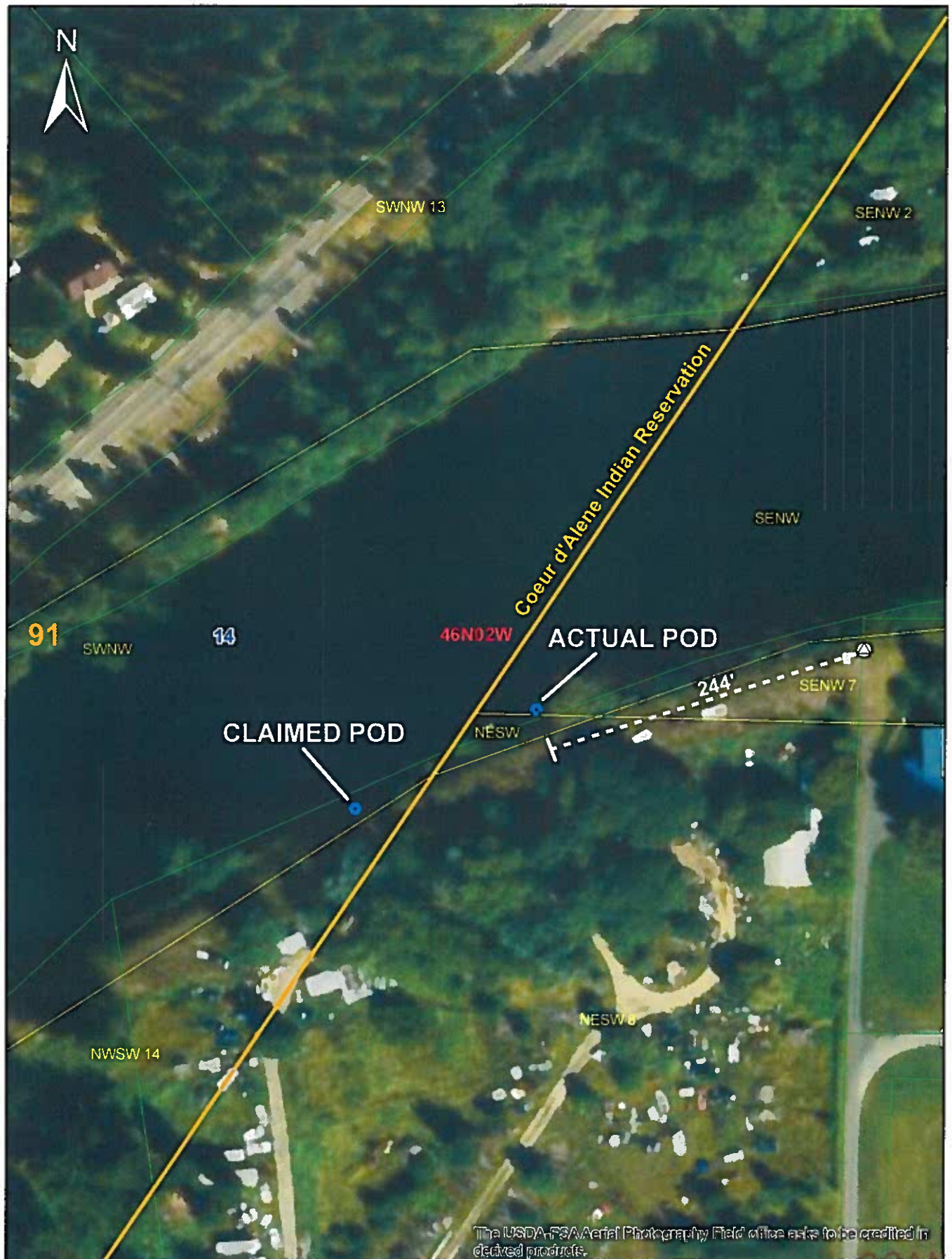
- 2) Claimant Dennis Powell standing on embankment above POD location pointing over to the pump house.



- 3) Looking north from pump house towards St. Joe River embankment. Garden hose is faintly visible next to stake to left of blue barrel, and running into pump house.

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POINT OF DIVERSION LOCATION FOR CSRBA WATER RIGHT CLAIM 91-7386



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