

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8846

Exam Date: 8/8/2012

1. Current Owner: SMOKEY DOME LLC
C/O CHUCK HILL
PISTOL CREEK FINANCIAL
PO BOX 1607
BELLEVUE WA 98009
(425) 688-9304

2. Accompanied by: Rod Gonsales

Phone No: (208)764-3904

Address: 338 S 600 W., Corral, ID 83322

Relationship to Permit Holder: manager

Email: camascreek@hughes.net

3. SOURCE

EAST FORK THREEMILE CREEK

TRIBUTARY

CAMAS CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None. Water rights 27-8608 and 37-8610 are both for groundwater for domestic use; 37-2227 and 37-1932 are both for irrigation from Threemile Ck (the golf course), and 37-8609 is groundwater for irrigation use within the same QQ.

2. Other water rights with the same point of diversion: None. 37-8850 is for groundwater for domestic use.

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

EAST FORK THREEMILE CREEK SE1/4SE1/4 Sec. 14, Twp 01N, Rge 13E, B.M. CAMAS County

Method of Determination: Garmin GPS Map76S, and ArcMap Imagery 2011 and 2013

2.

PLACE OF USE: AESTHETIC STORAGE, RECREATION STORAGE and STOCKWATER STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
01N	13E	14																X	

PLACE OF USE: AESTHETIC, RECREATION and STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
01N	13E	14																X	

PLACE OF USE: DIVERSION TO STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
01N	13E	14																X	

Method of Determination: Garmin GPS Map76S, and ArcMap Imagery 2011 and 2013

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 (pictures were lost and unable to be retrieved by IT when my computer crashed)

4.

Well or Diversion

ID No.* **Motor Make** **Hp** **Motor Serial No.** **Pump Make** **Pump Serial No. or Discharge Size**

Gravity flow from the 36 inch culvert, which discharges to a 12 inch buried pipe, which open discharges to a concrete ditch continuing to flow through two very small decorative ponds, with the overflow crossing the road and open discharging into the large pond, with its buried overflow discharging to 2 natural ponds located to the south. There was no physical flow of water at the time of the field examination, but there was evidence of historical flow (markings on the concrete ditch/weir.

*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**

None.

2. Measurements:

None. There was no physical flow of water to measure. Rod Gonsales stated that the creek runs February through July, and then dries up.

E. FLOW CALCULATIONS

Measured Method:

12 inch pipe conversion (for the buried pipe from the POD to the concrete ditch) = 3.93 cfs maximum capacity

29 inch (2.41 ft) X 8 inch (0.66 ft) weir = U of I Measurement = $0.66 \times 2.0 \text{ ft} = 3.32 \text{ cfs}$ (maximum capacity) using historical high water marks.

Stockwater: Table 1 Recommended Diversion Rate for 0 – 15 head = 0.02 cfs (permit was for 6 head horses; proof For 12 head horses).

RECOMMEND:

Stockwater 0.02 cfs

Recreation 0.10 cfs

Aesthetic 0.10 cfs

Div. to Storage 0.10 cfs

Total Div. Rate: 0.10 cfs (as permitted, since it is evident that the system can on occasion divert down the ditch, but that the overflow would then return back to the creek; with seasonal run-off, snow melt, it would be hard to control those occasions when the flow is higher; historically the creek only runs from February through July, and then dries up).

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

2. Volume Calculations for Other Uses: The purpose of water right 37-8846 was to enlarge the 1.35 acre pre-existing natural pond (as shown historically in topo maps):

3.4 acre total size of finished pond – 1.35 acre pre-existing natural pond = 2.05 acres

2.05 acres X 10 ft average depth = 20.05 = 20.0 af

Use is for Stockwater Storage (6 horses), Aesthetic Storage (habitat improvement for water fowl, grouse nesting) and Recreation Storage (fishing).

RECOMMEND:

Aesthetic Storage	20.0 af
Recreation Storage	20.0 af
Stockwater Storage	20.0 af

G. NARRATIVE/REMARKS/COMMENTS

The application for permit for this POU was for the purpose of enlarging the pre-existing pond (as shown on Arc Map DRG Imagery). The pre-existing pond was 1.35 acres in size. The total size of the pond, calculated by ArcMap is 3.4 acres - 1.35 acres = 2.05 acres of enlargement. The average depth is 10 ft. There is a 16.7 ft high dam with photographs in the dam safety file D37-7459. On the East Fork Threemile Creek is a diversion ditch that discharges into a 36 inch culvert, then into a 24 inch buried pipe that gravity flows past the office and open discharges into a concrete ditch, continuing to flow through 2 very small decorative ponds, crossing the road, and then open discharging into the enlarged pond. There is a buried overflow from the enlarged pond that discharges to the large natural pond located directly to the south. This overflow at the dam is not the POD, but rather the head of the diversion ditch for this off-stream storage. The smaller pond that is located directly to the south is also a natural pond (both are shown as existing on the Arc Map DRG Imagery topo maps). On the southeast corner of the large natural pond is an overflow back to the creek. In the late summer and early fall, the small natural pond dries up, and the larger natural pond reduces size to 1/2 - 1/3 its normal size. The East Fork Threemile Creek runs from February thru July and then dries up. At the time of the field examination, there was no active flow in the creek, in the concrete ditch, or overflow from any of the ponds that could be measured. Rod Gonsales stated that the 36 inch culvert is never full. There was physical evidence in the concrete ditch indicating water markings 29 inches across and 8 inches deep. There also was evidence of water crossing the road and discharging into the pond. The enlarged pond was full at the time of the field examination. Beneficial use is for stockwater (up to 6 horses, as permitted, from those renting houses at the resort), recreation (the pond is stocked with trout for fishing), aesthetic (habitat improvement for water fowl, grouse nesting with a perch in the middle of the pond); aesthetic storage, stockwater storage, recreation storage, and diversion to storage.

Have conditions of permit approval been met? ____ Yes ____X__ No

*Condition 01J was changed to 01R (lockable device) and 01H (measuring device). The concrete ditch/weir is capable for use of meeting the measuring device condition, but there was no lockable device. On the proof of beneficial use that was submitted to the department, they had marked down that they wished to have these conditions "waived." There was no correspondence in the file sent the current owner in reference to this condition not being met, plus in the 8/14/1998 review in the file under measuring device, it was marked "yes" that a "waiver had been requested." An email was sent to Rusty Kramer, WD37B, on 2/28/2014, requesting him to respond to the request to "waive the monitoring device and lockable device." To date, no response has been heard from Rusty.

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.020 CFS	
RECREATION	01/01 to 12/31	0.100 CFS	
AESTHETIC STORAGE	01/01 to 12/31		20.00 AF
AESTHETIC	01/01 to 12/31	0.100 CFS	
DIVERSION TO STORAGE	01/01 to 12/31	0.100 CFS	
STOCKWATER STORAGE	01/01 to 12/31		20.00 AF
RECREATION STORAGE	01/01 to 12/31		20.00 AF
<u>Totals:</u>		0.100 CFS	

2. Recommended Amendments

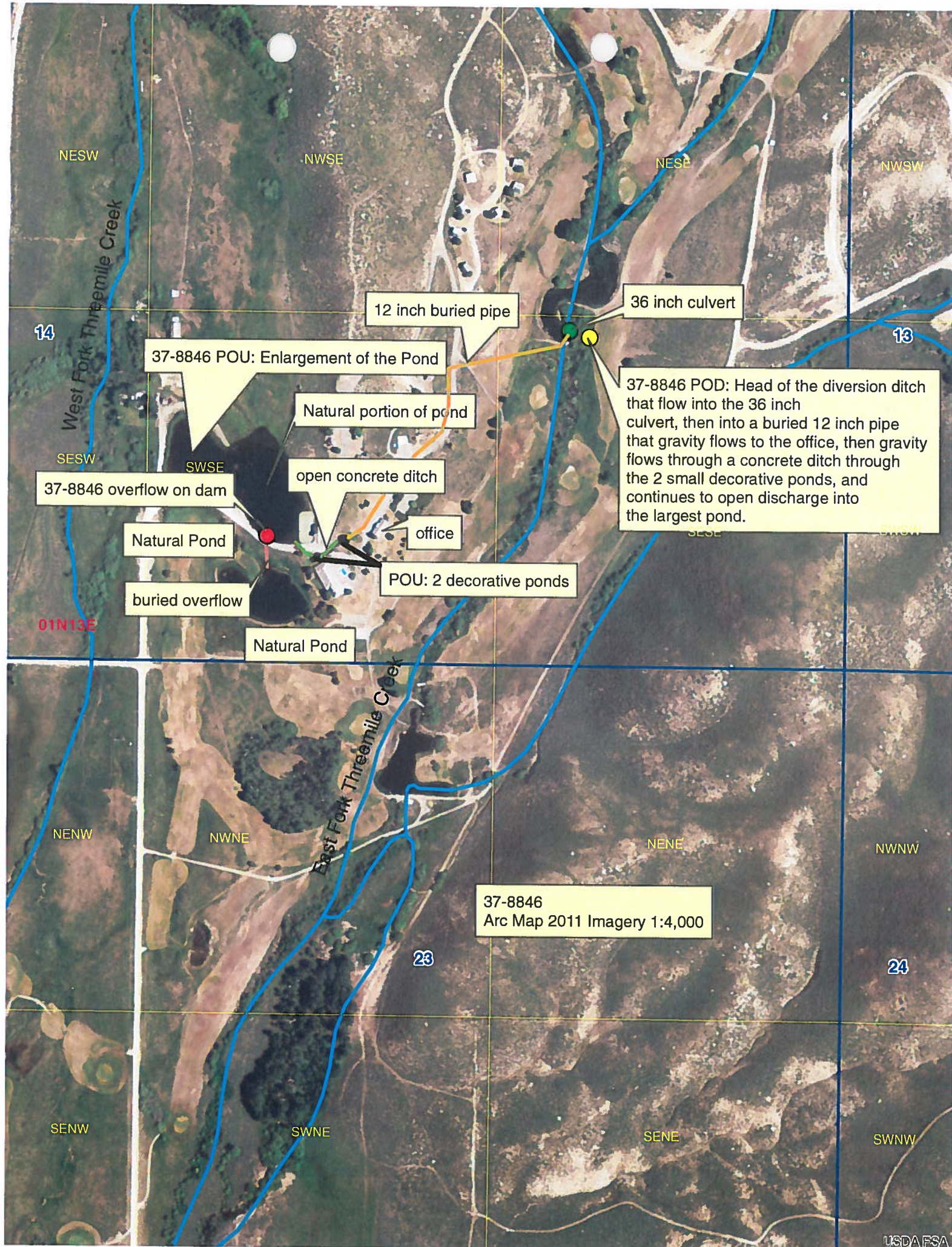
☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

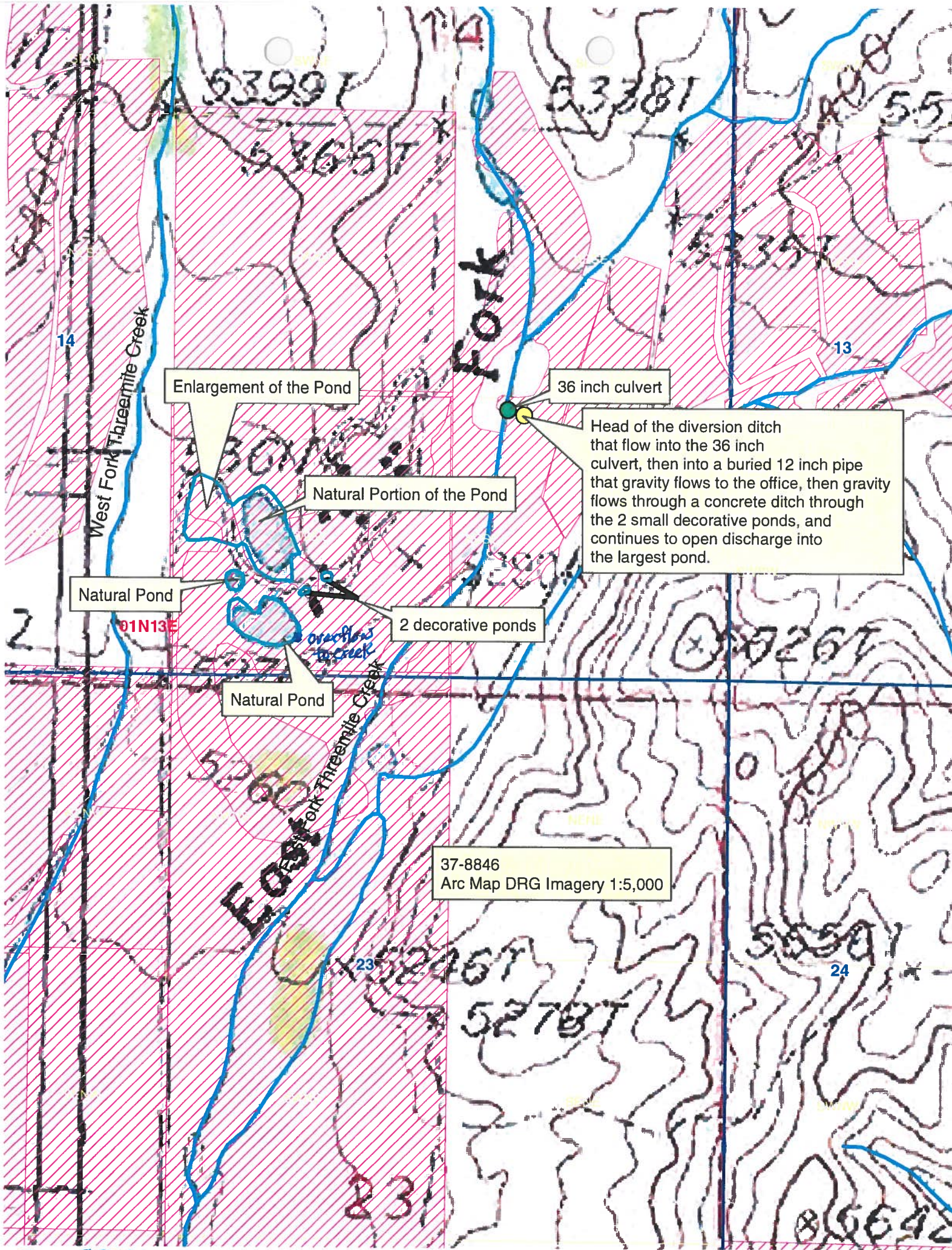
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

*POD was found to be located in the SESE and not the NESE.

I. AUTHENTICATION

Field Examiner's Name  Date: 3/6/2014





Enlargement of the Pond

36 inch culvert

Head of the diversion ditch that flow into the 36 inch culvert, then into a buried 12 inch pipe that gravity flows to the office, then gravity flows through a concrete ditch through the 2 small decorative ponds, and continues to open discharge into the largest pond.

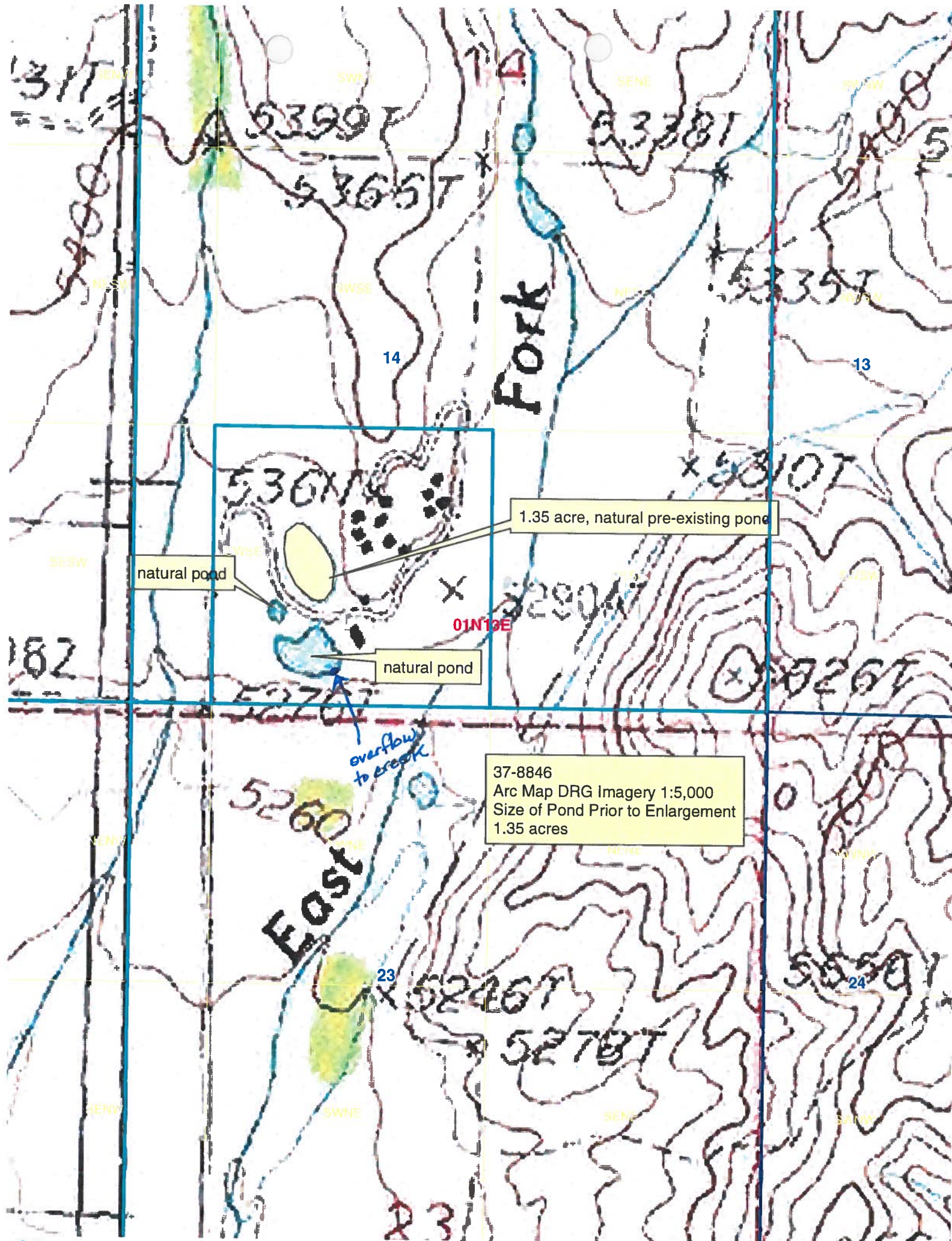
Natural Portion of the Pond

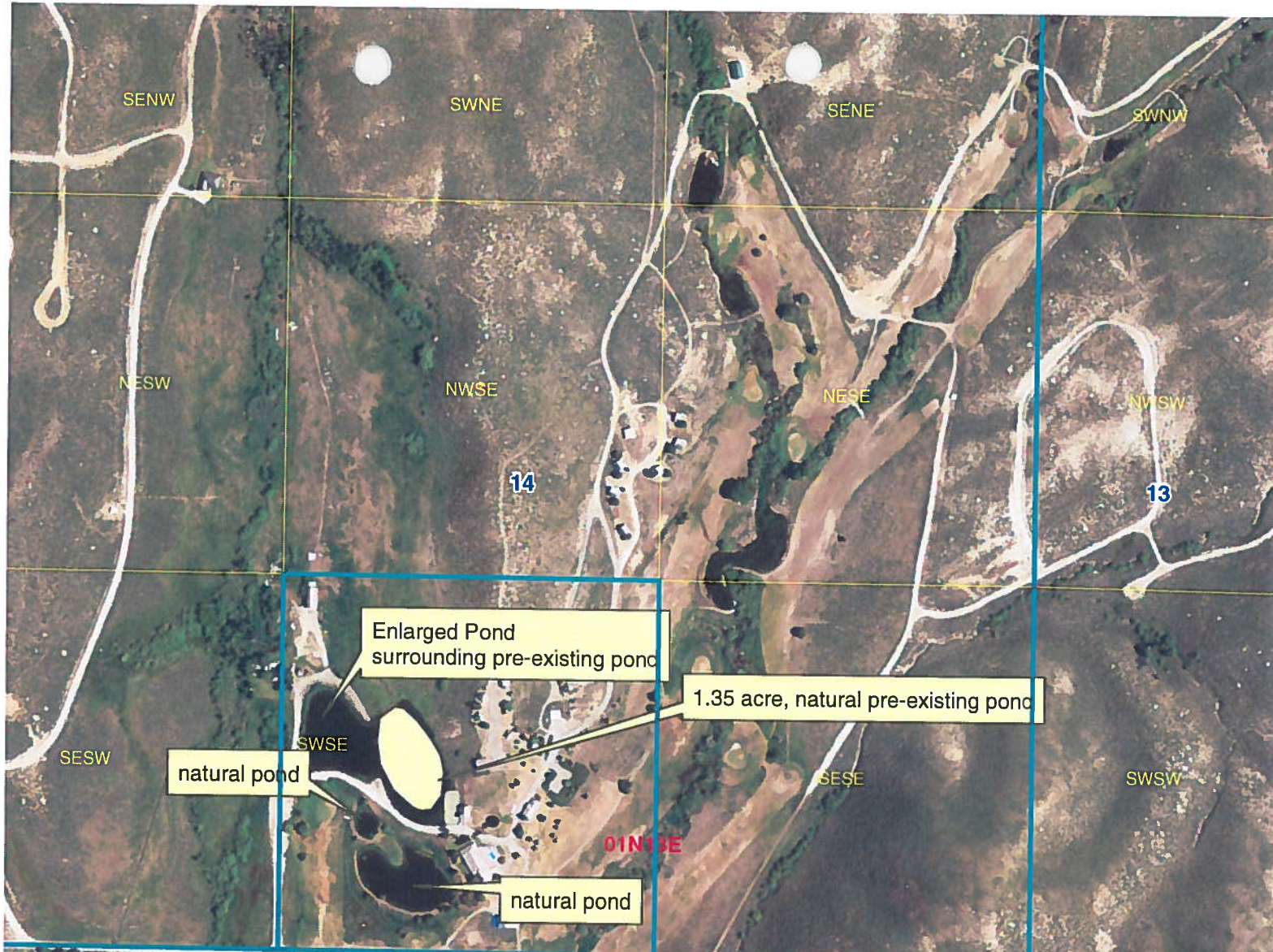
Natural Pond

2 decorative ponds

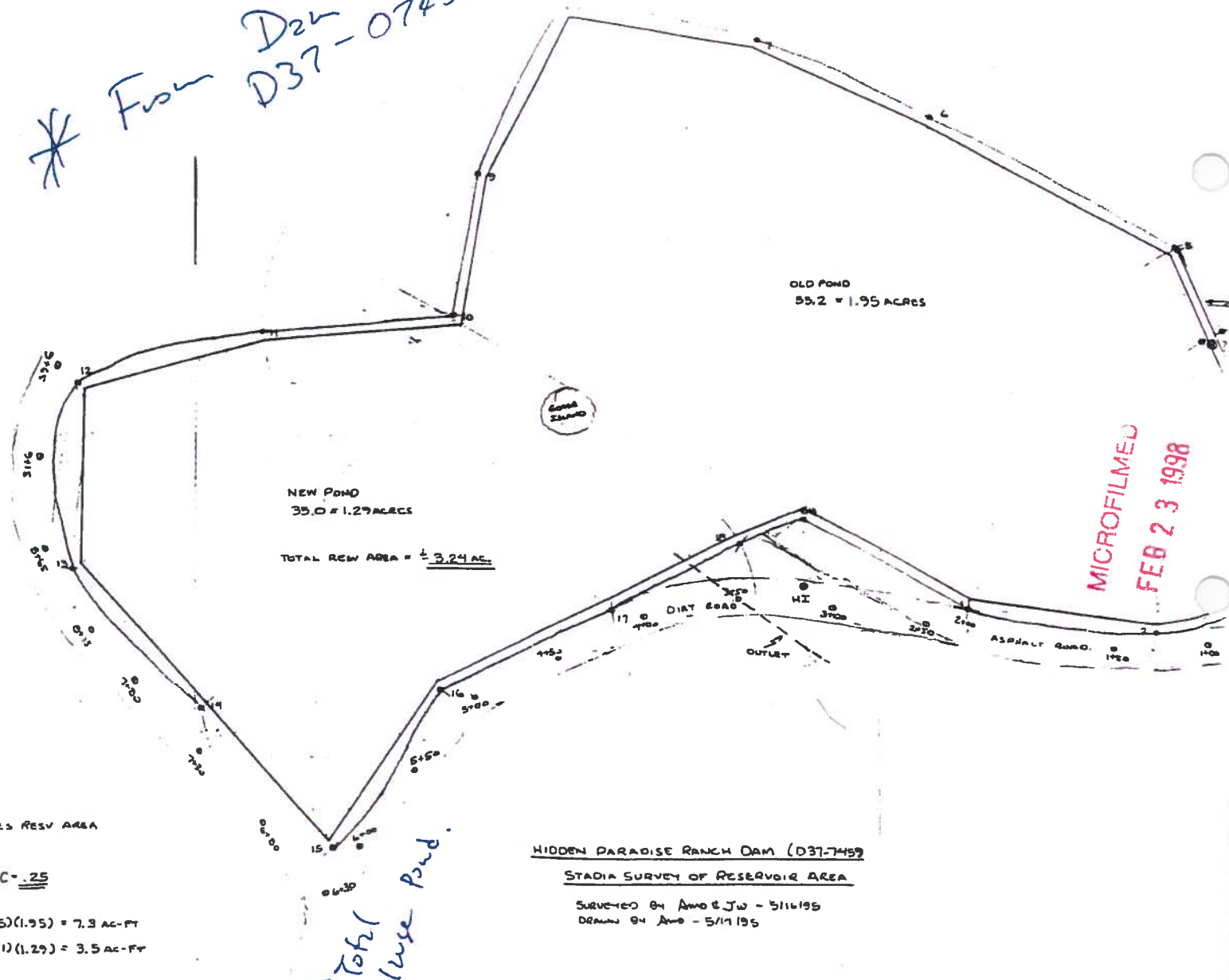
Natural Pond

37-8846
Arc Map DRG Imagery 1:5,000





* From D24 Safety File
D37-07459



OLD POND
55.2 = 1.95 ACRES

NEW POND
35.0 = 1.29 ACRES

TOTAL RES. AREA = 1.324 AC

RESV. VOLUME

OLD VOLUME = 5 AC-FT FOR 1.2 ACRES RESV. AREA

$$V = CH(A)$$

$$C = \frac{V}{HA} = \frac{5}{(15)(1.2)} = 0.278 \quad \text{USE } C = .25$$

FOR OLD POND: $V_1 = CH_1 A_1 = .25 (15) (1.95) = 7.3 \text{ AC-FT}$

FOR NEW POND: $V_2 = CH_2 A_2 = .25 (11) (1.29) = 3.5 \text{ AC-FT}$

SUBTRACT VOLUME OF COOSE ISLAND:

$$\frac{\pi(R_1^2 + R_2^2)}{2} (H) = \frac{\pi(40^2 + 5^2)}{2} (15) = 38288 \text{ FT}^3 = 0.9 \text{ AC-FT}$$

$$\text{RESV. VOLUME} = 7.3 + 3.5 - 0.9 = 9.9 \text{ AC-FT}$$

HIDDEN PARADISE RANCH DAM (D37-7459)

STADIA SURVEY OF RESERVOIR AREA

SURVEYED BY ANDREW J. W. - 5/16/95

DRAWN BY ANDREW J. W. - 5/17/95

MICROFILMED
FEB 23 1998

Hemenway, Sandy

From: Hemenway, Sandy
Sent: Friday, February 28, 2014 11:46 AM
To: 'IDAHOTRAPGUY@HOTMAIL.COM'
Cc: Hemenway, Sandy
Subject: 37-8846 Smokey Dome LLC (Soldier Mtn Resort) request for waiver
Attachments: DOC.pdf

Importance: High

Hi Rusty Kramer,

I am currently reviewing the file for licensing water right 37-8846 Smokey Dome LLC (Soldier Mtn. Resort), and they requested on their proof of beneficial use form a waiver for the following condition:

01J "Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works."

I have attached a couple aerial pictures of the location and system, along with a copy of the water permit report.

Could you please review the attachments, and let me know if you approve or disapprove waiving condition 01J?

If you have any questions, you can reach me anytime on my cell phone, since I am only in the office 5am – 5pm on Thursdays, and 5am – 12pm on Fridays:

(208)761-0280

Thank you so much,

Sandy Hemenway
IDWR State Office, Boise
Sandy.hemenway@idwr.idaho.gov
Office: (208)287-4920
Cell: (208)761-0280