

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 93-7127

Exam Date: 9/24/2015

1. Current Owner: MICHAEL MC CARVER
PO BOX 115
TENSED ID 83870
(208) 661-1506

And/Or

JENNIFER MC CARVER
PO BOX 115
TENSED ID 83870
(208) 661-1506

2. Accompanied by: Michael McCarver

3. **SOURCE**

RUNOFF
SPRING

TRIBUTARY

SQUAW CREEK
HANGMAN CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

SPRING SE1/4NE1/4NW1/4 Sec. 21, Twp 44N, Rge 04W, B.M. BENEWAH County
SPRING NE1/4NE1/4NE1/4 Sec. 21, Twp 44N, Rge 04W, B.M. BENEWAH County
SPRING SE1/4SE1/4NE1/4 Sec. 22, Twp 44N, Rge 04W, B.M. BENEWAH County
SPRING SE1/4SE1/4NE1/4 Sec. 22, Twp 44N, Rge 04W, B.M. BENEWAH County
RUNOFF NE1/4NW1/4 Sec. 22, Twp 44N, Rge 04W, B.M. BENEWAH County

Method of Determination: GPS and maps.

Pond 1 location 47° 08.703, 116° 50.680

Pond 2 location 47° 08.801, 116° 50.056

Pond 3 location 47° 08.845, 116° 49.426

Pond 4 location 47° 08.553, 116° 48.771

Pond 5 location 47° 08.509, 116° 48.806

2.

PLACE OF USE: STOCKWATER STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
44N 04W 21	X				X												
44N 04W 22				X	X												

PLACE OF USE: STOCKWATER FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
44N 04W 21	X				X												
44N 04W 22				X	X												

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
44N 04W 21	X				X												
44N 04W 22				X	X												

PLACE OF USE: FIRE PROTECTION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
44N 04W 21	X				X												
44N 04W 22				X	X												

PLACE OF USE: RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
44N 04W 21	X				X												
44N 04W 22				X	X												

DIVERSION TO STORAGE same as RECREATION STORAGE

Method of Determination:

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

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
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N/A

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: SEE ATTACHED POND ANALYSIS SHEET

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: SEE ATTACHED POND ANALYSIS SHEET**G. NARRATIVE/REMARKS/COMMENTS**

FIELD EXAM SHOWED THAT THERE WAS NO ACTUAL PUMPING FROM CREEK OR SPRING AND ALL STOCKWATER WAS COMING FROM EACH POND. STOCKWATER AT 0.19 CFS WILL BE REMOVED FROM LICENSE AS WELL AS 0.19 CFS FOR RECREATION. 0.20 CFS FOR DIVERSION TO STORAGE WILL REMAIN ON LICENSE WITH NO ANNUAL VOLUME. FIELD EXAM COULD NOT MEASURE THE AMOUNT OF WATER FROM THE SPRINGS OR FROM RUNOFF TO GET ACCURATE NUMBERS. ALL PONDS MATCHED THE SAME SIZES AS WERE APPLIED FOR AND THAT ARE LISTED ON THE POND ANALYSIS SHEET. ALL DIMENSIONS AND SIZES ARE ACCURATE SO LICENSE WILL BE ISSUED FOR WHAT IT WAS PERMITTED FOR. FROM EACH POND THE APPLICANT HAD A 1 AND 1/4 INCH PIPE FLOWING TO STOCKWATERING STATION. RECREATION STORAGE WILL BE GIVEN BECAUSE PONDS HAD FISH IN THEM AND WERE USED FOR BOATING AND SWIMMING.

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>
DIVERSION TO STORAGE	01/01 to 12/31	0.200 CFS	
STOCKWATER STORAGE	01/01 to 12/31		37.10 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		10.10 AF
WILDLIFE STORAGE	01/01 to 12/31		27.00 AF
FIRE PROTECTION STORAGE	01/01 to 12/31		27.00 AF
RECREATION STORAGE	01/01 to 12/31		27.00 AF
<u>Totals:</u>		0.200 CFS	37.10 AF

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

Alan Friedman

Date

11-18-2015

Reviewer

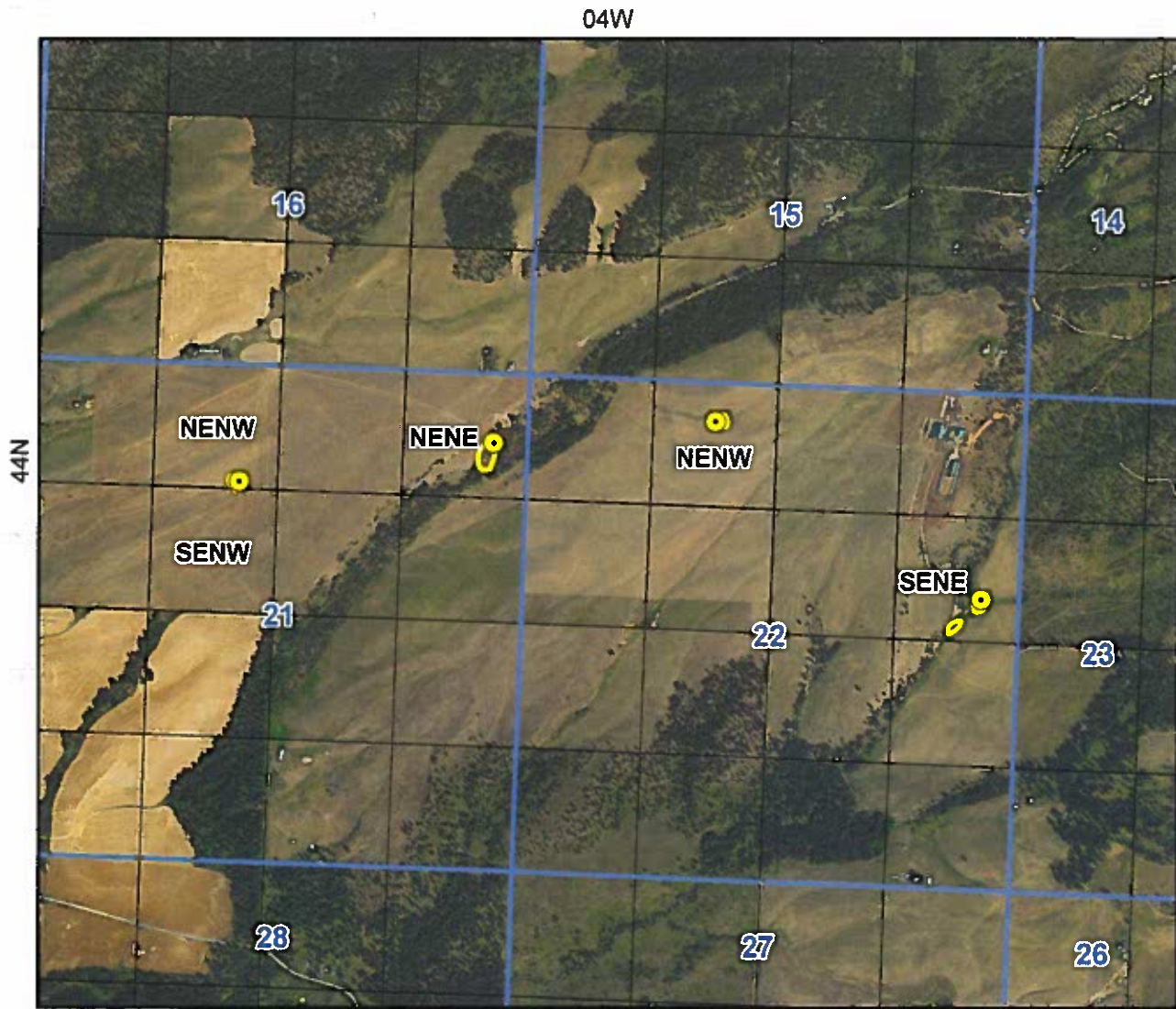
Keith A. Franklin

Date

11/25/2015

0.2 CFS	DIVERSION TO STORAGE		
0.19 CFS	STOCKWATER (750 HEAD OF MIXED STOCK)		
37.1 AF	STOCKWATER STORAGE	a.) PONDS SIZE	20 ACFT
		b.) EVAPORATION	5.3 ACFT
		c.) SEEPAGE	1.7 ACFT
		d.) STOCKWATER	10.1 ACFT
		TOTAL	37.1 ACFT
10.1 AF	STOCKWATER FROM STORAGE		
0.19 CFS	RECREATION		
27 AF	RECREATION STORAGE	a.) POND SIZE	20 ACFT
		b.) EVAPORATION	5.3 ACFT
		c.) SEEPAGE	1.7 ACFT
		TOTAL	27 ACFT
27 AF	WILDLIFE STORAGE	a.) POND SIZE	20 ACFT
		b.) EVAPORATION	5.3 ACFT
		c.) SEEPAGE	1.7 ACFT
		TOTAL	27 ACFT
27 AC	FIRE PROTECTION STORAGE	a.) POND SIZE	20 ACFT
		b.) EVAPORATION	5.3 ACFT
		c.) SEEPAGE	1.7 ACFT
		TOTAL	27 ACFT

State of Idaho
Department of Water Resources
Water Right License
93-7127

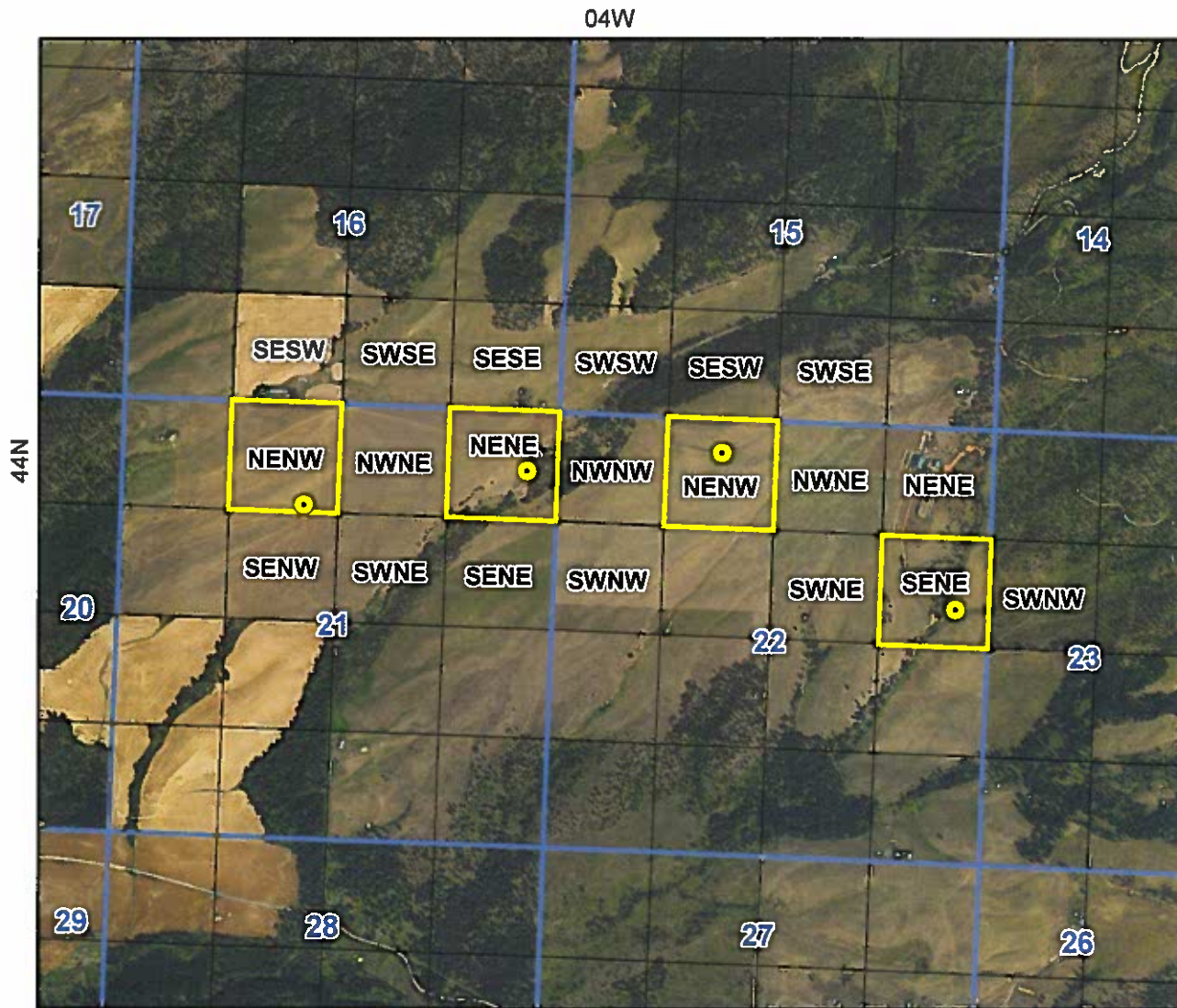


0 0.225 0.45 0.9 Miles

- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections



State of Idaho
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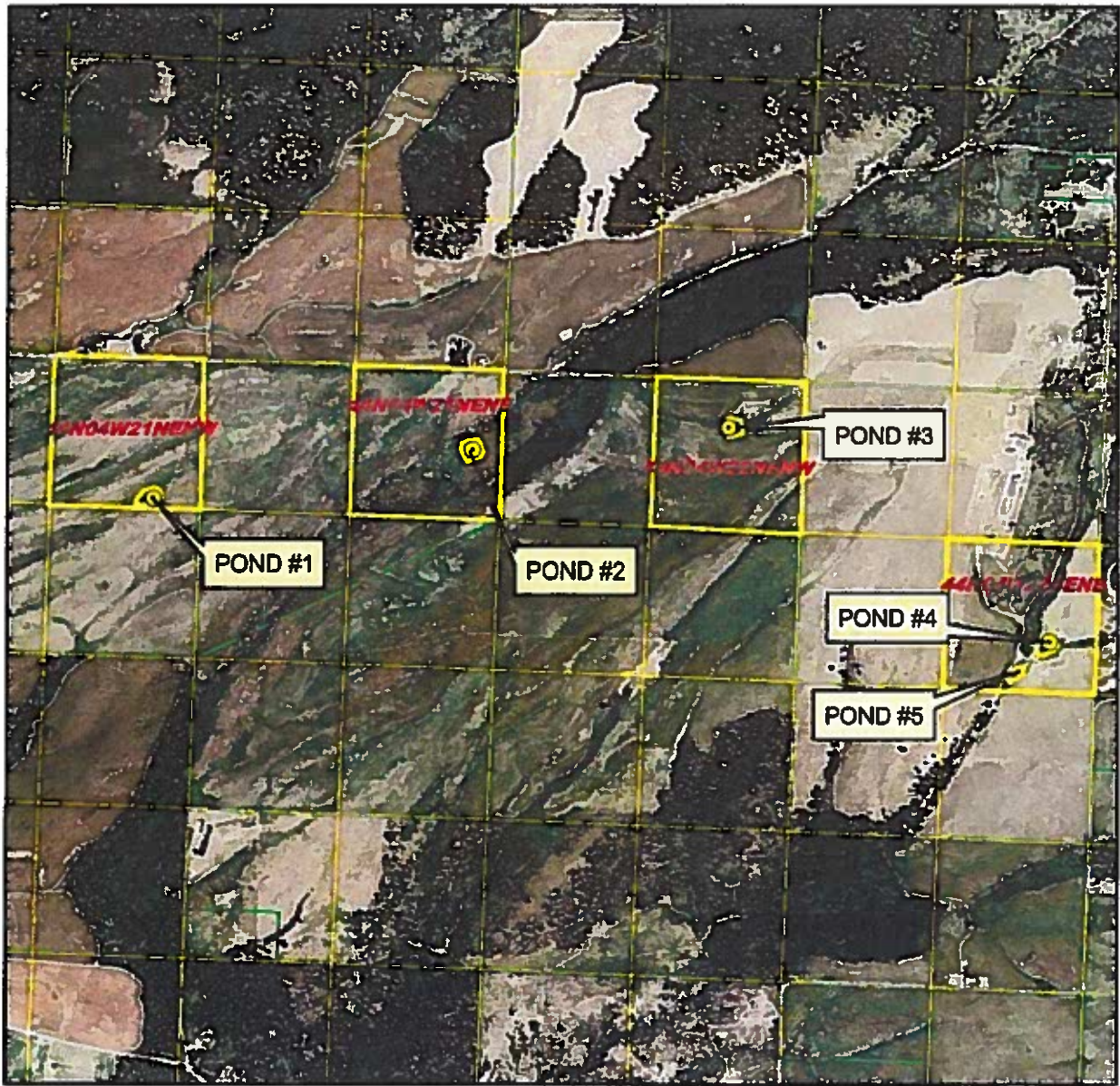


- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections

0 0.25 0.5 1 Miles



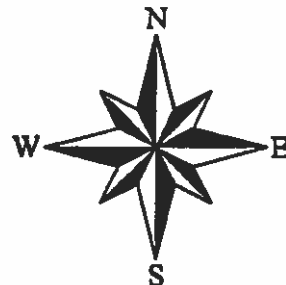
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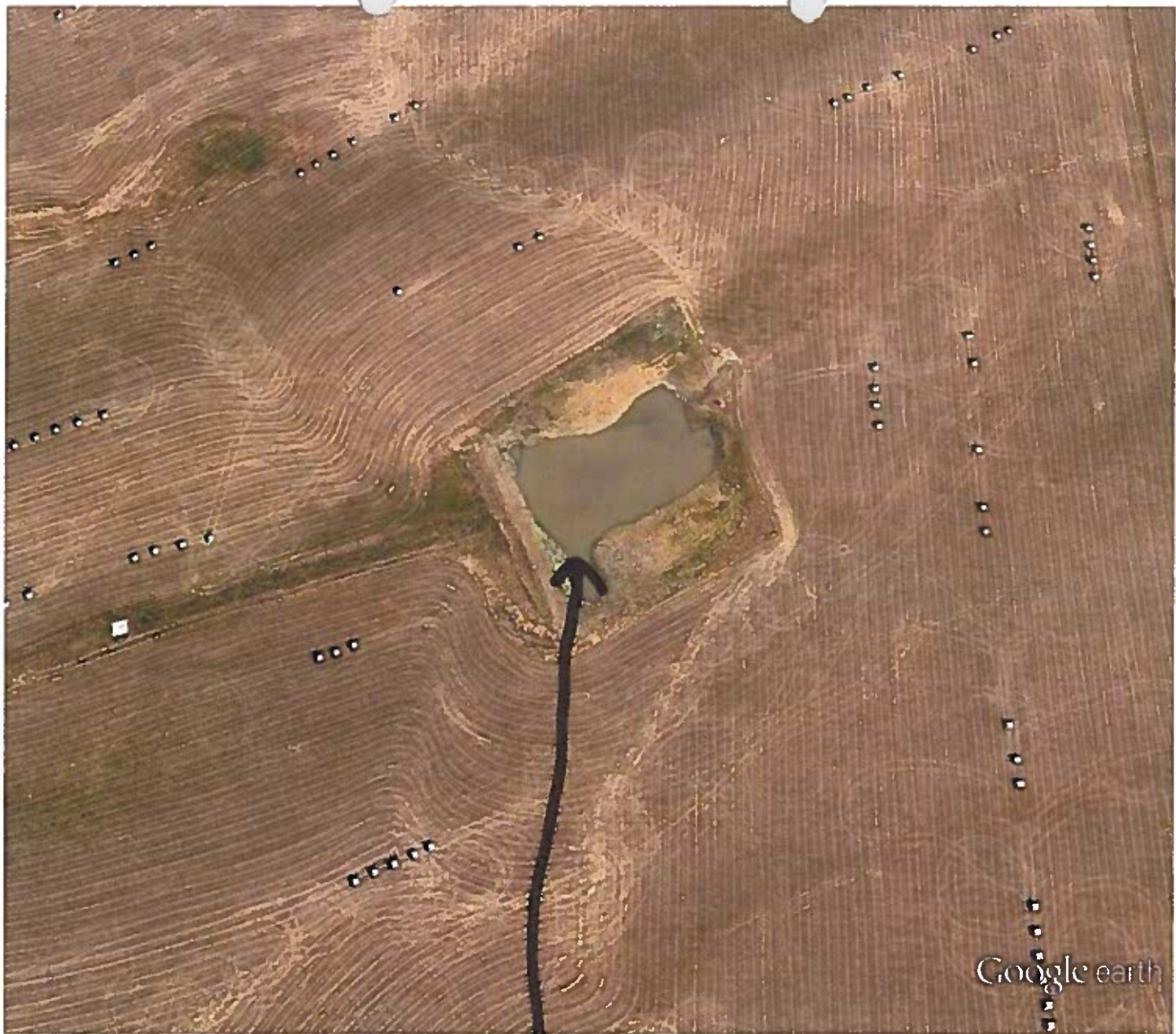


0 600 1,200 2,400 3,600 4,800 Feet

Legend

-  workingpod
-  workingpou
-  QQ
-  Taxlots



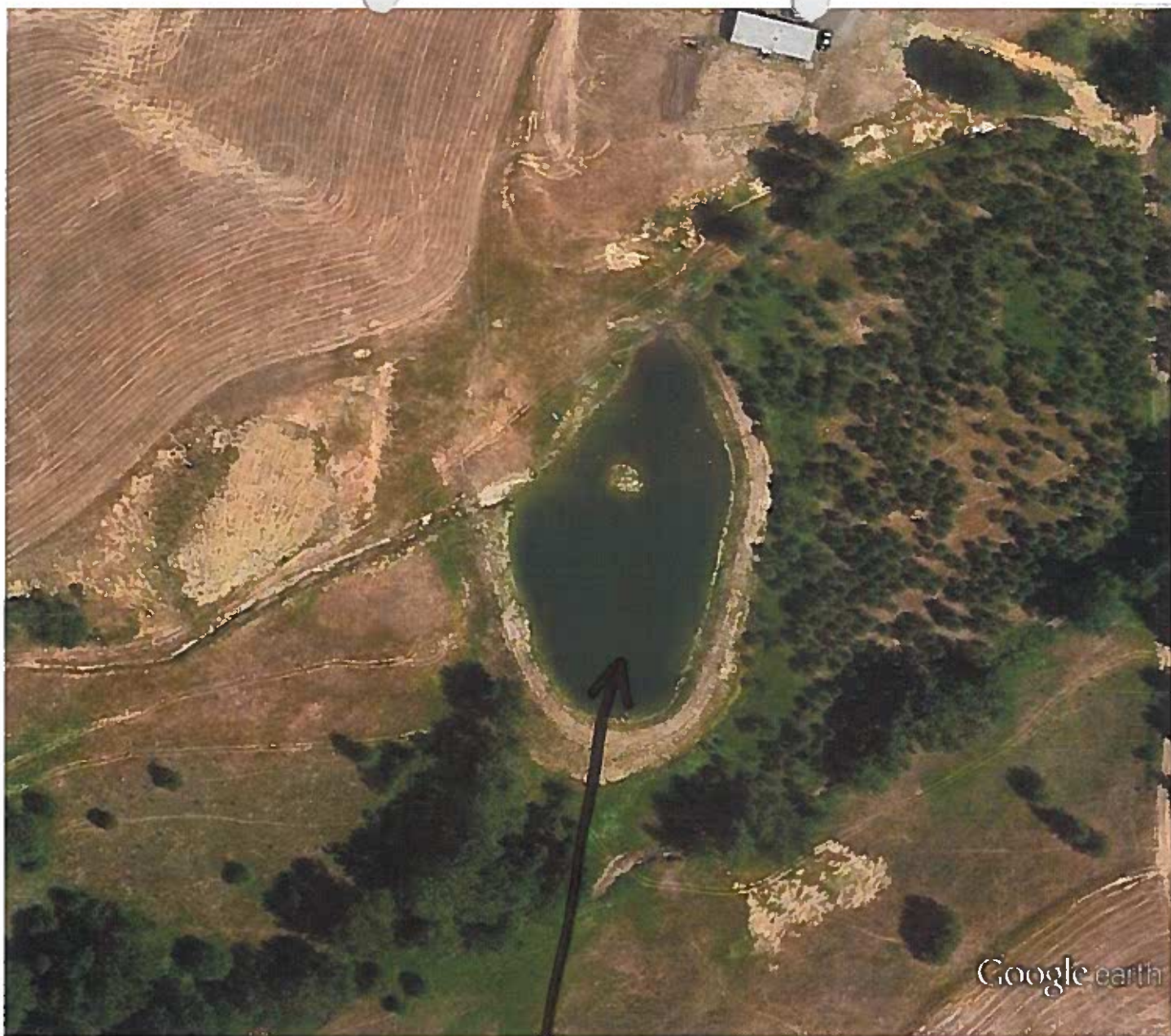


Google earth

feet
meters



Pond
1



Google earth

feet 400
meters 100



Pond
2



Google earth

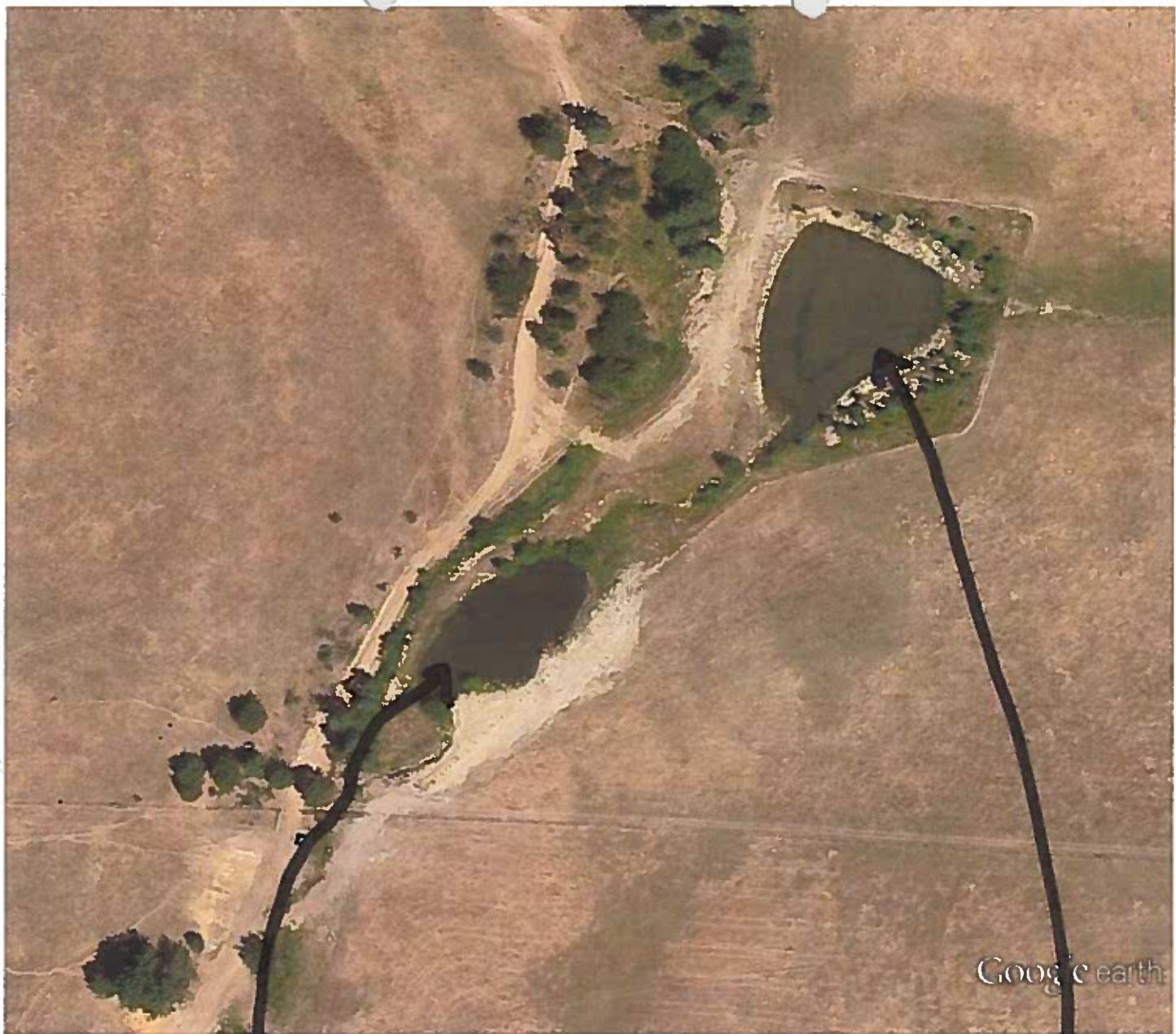
Google earth

feet
meters

100 400



Pond
3



Google earth

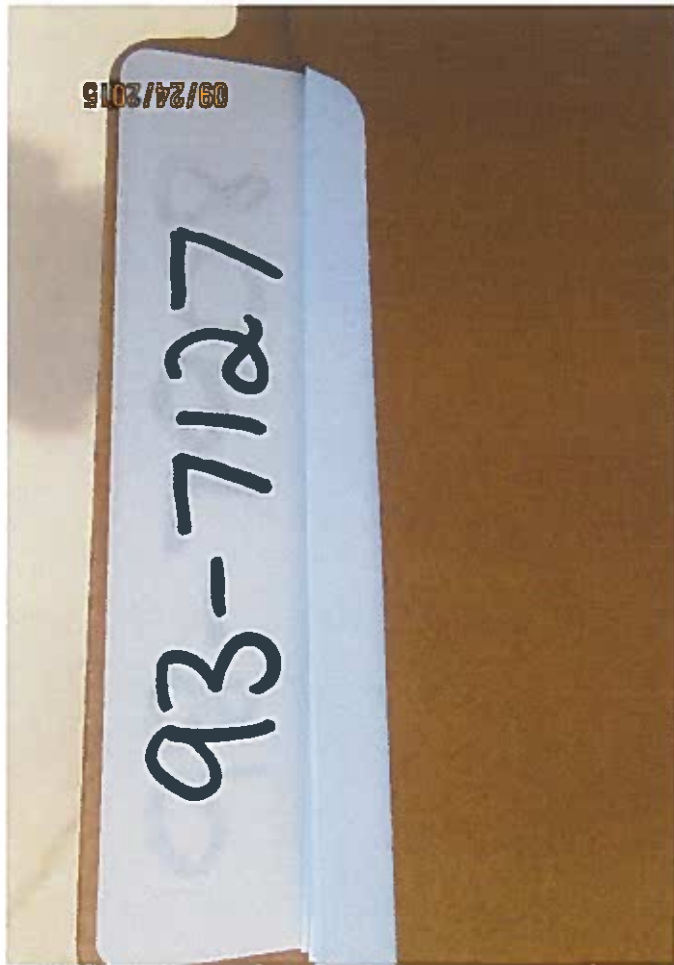
feet
meters

100 400

Pond
5

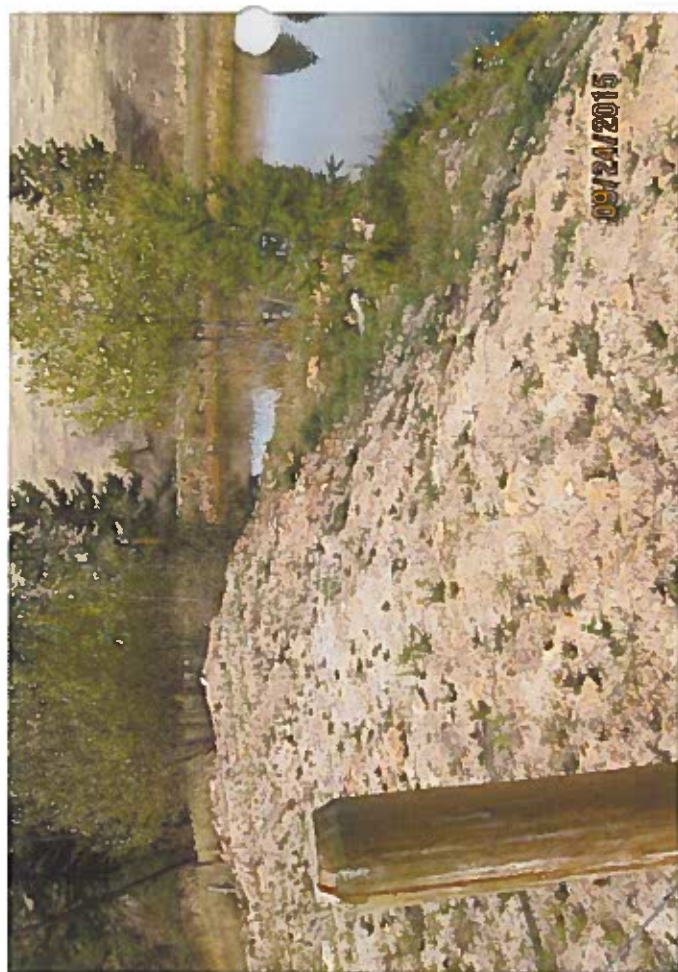
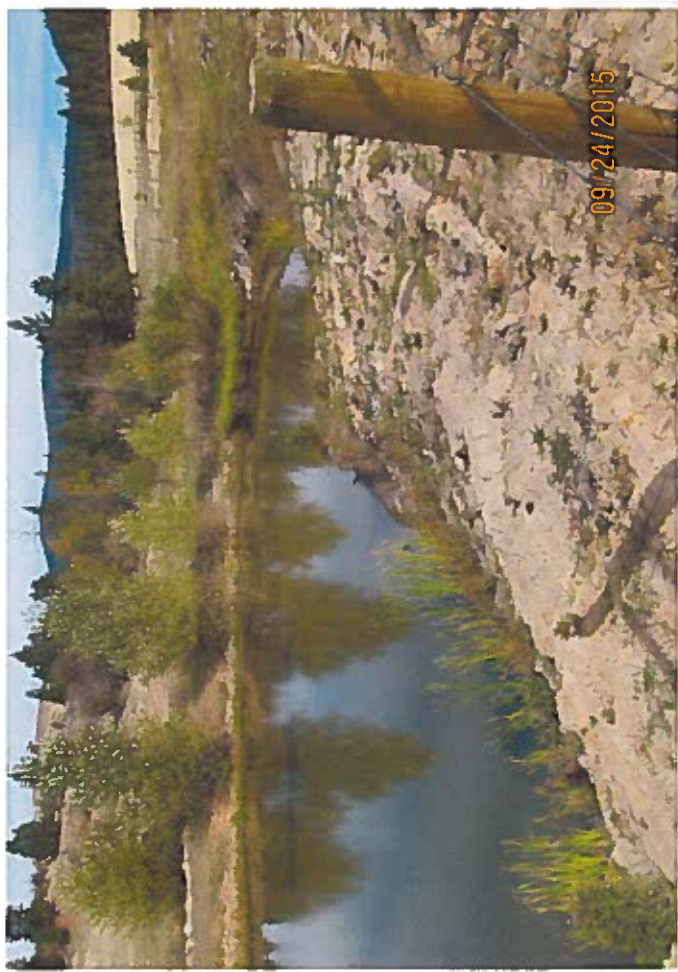
Pond
4

Pond #5



93-7127

Pond #4

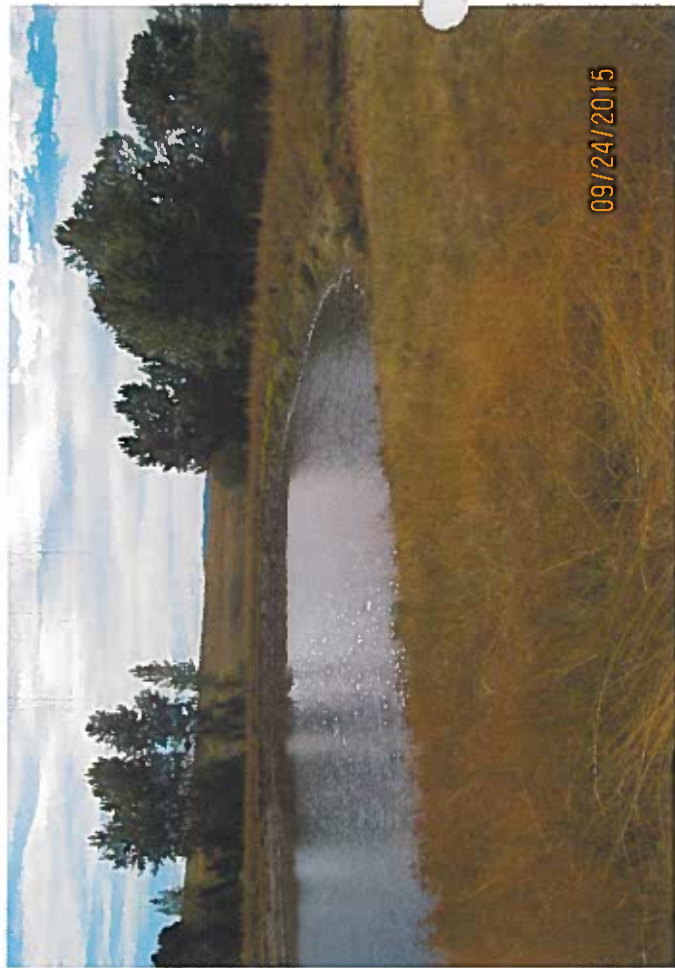


Pond #3



92-7117

Pond #2



92-7117

Pond #1



93-7127



93-7127