

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7898

Exam Date: 8/25/2015

1. Current Owner: STEVEN R MOYER
347 MOUNTAIN MEADOWS RD
NAPLES ID 83847
(208) 267-3789

And/Or

JANICE A MOYER
347 MOUNTAIN MEADOWS RD
NAPLES ID 83847
(208) 267-3789

2. Accompanied by: Steven Moyer

3. SOURCE**TRIBUTARY**

GROUND WATER

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:**

GROUND WATER L2 NW1/4NE1/4 Sec. 6, Twp 60N, Rge 01E, B.M. BOUNDARY County

GROUND WATER L2 NW1/4NE1/4 Sec. 6, Twp 60N, Rge 01E, B.M. BOUNDARY County

Method of Determination: Maps and google earth.

2.

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
60N 01E 6		1.0															1.0
		L 2															

Total Acres: 1

PLACE OF USE: WILDLIFE STORAGE

[illegible]

PLACE OF USE: RECREATION STORAGE

[illegible]

PLACE OF USE: FIRE PROTECTION STORAGE

[illegible]

PLACE OF USE: STOCKWATER STORAGE

[illegible]

PLACE OF USE: STOCKWATER FROM STORAGE

[illegible]

PLACE OF USE: IRRIGATION STORAGE

[illegible]

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>
--	-------------------	-----------	-------------------------	------------------	--

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>
--	-------------	-------------	------------------	-------------------	-------------	--------------------

N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: N/A

Ground Water entered the ponds from the bottom. No diversion.

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

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

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} =$$

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

FIELD EXAM SHOWED 2 PONDS THAT WERE SMALLER THAN WHAT WAS APPLIED FOR. SEE ATTACHED FOR POND ANALYSIS SHEET. APPLICANT HAD 5 HEAD OF MIXED STOCK THAT HE WAS PUMPING WATER FROM PONDS TO SUPPLY FOR STOCKWATER. APPLICANT WAS ALSO USING WATER FROM PONDS FOR THE IRRIGATION OF 1 ACRE OF LAND.

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>
IRRIGATION FROM STORAGE	04/01 to 10/31		3.00 AF
WILDLIFE STORAGE	01/01 to 12/31		3.30 AF
RECREATION STORAGE	01/01 to 12/31		3.30 AF
FIRE PROTECTION STORAGE	01/01 to 12/31		3.30 AF
STOCKWATER STORAGE	01/01 to 12/31		3.40 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.10 AF
IRRIGATION STORAGE	01/01 to 12/31		6.30 AF
<u>Totals:</u>		0.000 CFS	6.40 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 Adam Fandrich Date 12-21-2015

Reviewer E. J. [Signature] Date 12-22-2015

**WATER RIGHT 98-7898
POND ANALYSIS SHEET**

POND 1: 0.2 AC X 10 FT DEEP = 2.0 AF

POND 2: 0.1 AC X 4 FT DEEP = 0.4 AF

EVAPORATION(POND 1 + POND 2): 815 GPD X 365 DAYS / 325,850 GAL/AF = 0.9 AF

SEEPAGE: NO SEEPAGE, GROUNDWATER

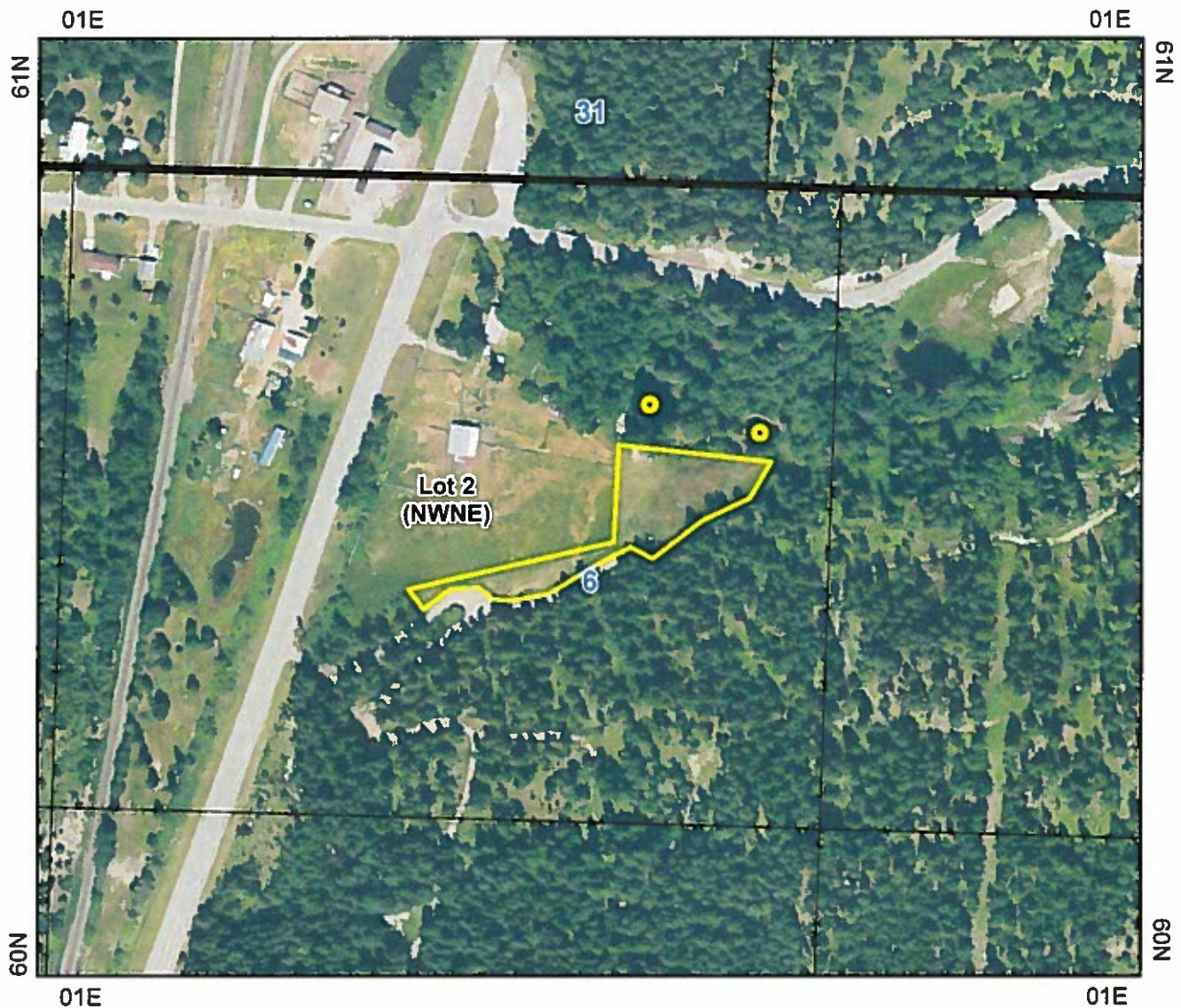
STOCKWATER: 5 HEAD OF MIXED STOCK X 12 GPD X 365 DAYS / 325,850 GAL/AF = 0.1 AF

IRRIGATION OF 1 ACRE: 1 AC X 3 AF = 3.0 AF

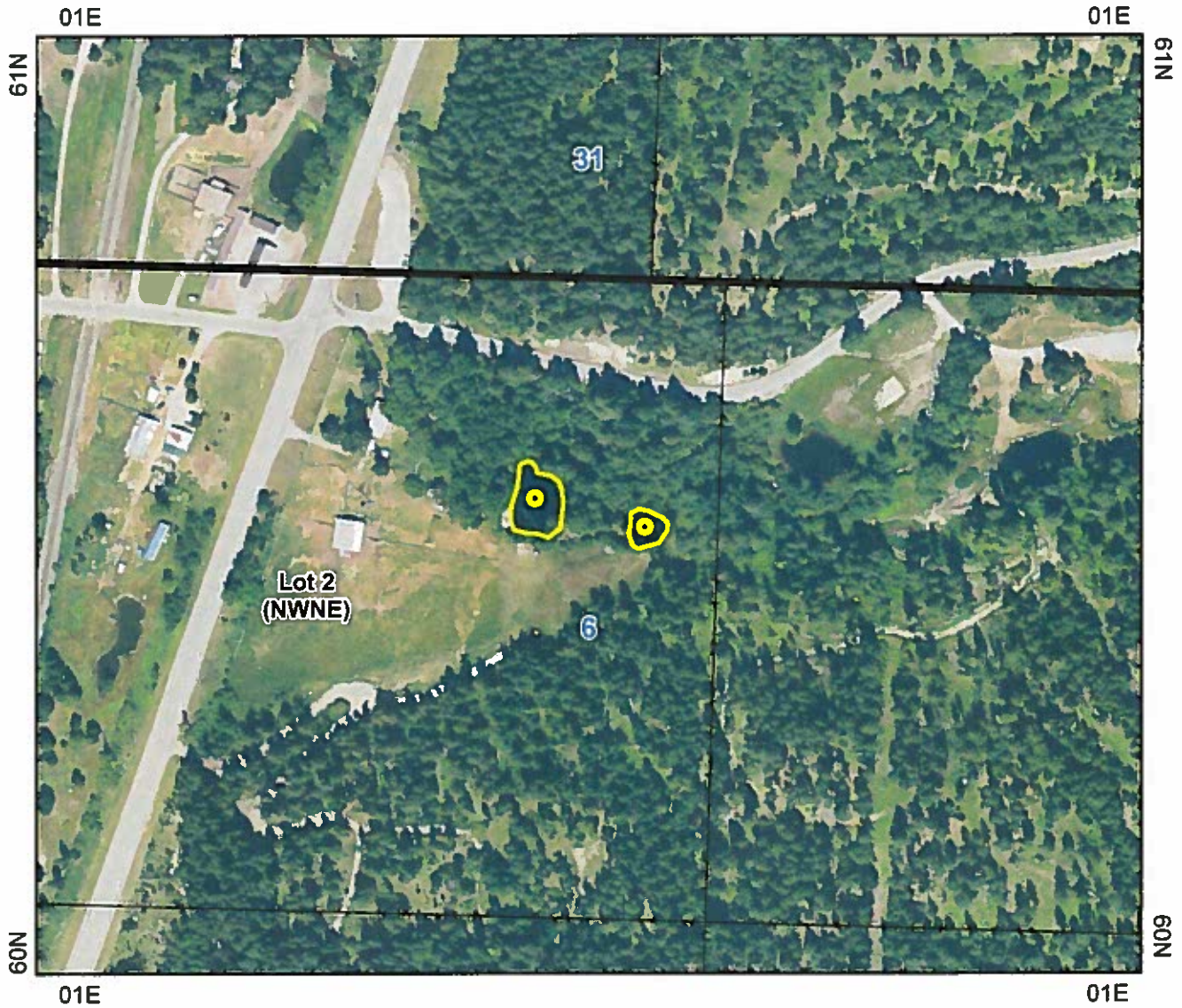
3.3 AF	WILDLIFE STORAGE	A) POND SIZE	2.4 AF
		B) EVAPORATION	0.9 AF
		C) SEEPAGE	0.0 AF
	TOTAL		3.3 AF
3.3 AF	RECREATION STORAGE	A) POND SIZE	2.4 AF
		B) EVAPORATION	0.9 AF
		C) SEEPAGE	0.0 AF
	TOTAL		3.3 AF
3.3 AF	FIRE PROTECTION STORAGE	A) POND SIZE	2.4 AF
		B) EVAPORATION	0.9 AF
		C) SEEPAGE	0.0 AF
	TOTAL		3.3 AF
3.4 AF	STOCKWATER STORAGE	A) POND SIZE	2.4 AF
		B) EVAPORATION	0.9 AF
		C) SEEPAGE	0.0 AF
		D) STOCKWATER	0.1
	TOTAL		3.4 AF
0.1 AF	STOCKWATER FROM STORAGE		
6.3 AF	IRRIGATION STORAGE	A) POND SIZE	2.4 AF
		B) EVAPORATION	0.9 AF
		C) SEEPAGE	0.0 AF
		D) IRRIGATION	3.0 AF
	TOTAL		6.3 AF
3.0 AF	IRRIGATION FROM STORAGE		

6.4 AF OF TOTAL STORAGE

State of Idaho
Department of Water Resources
Water Right License
98-7898



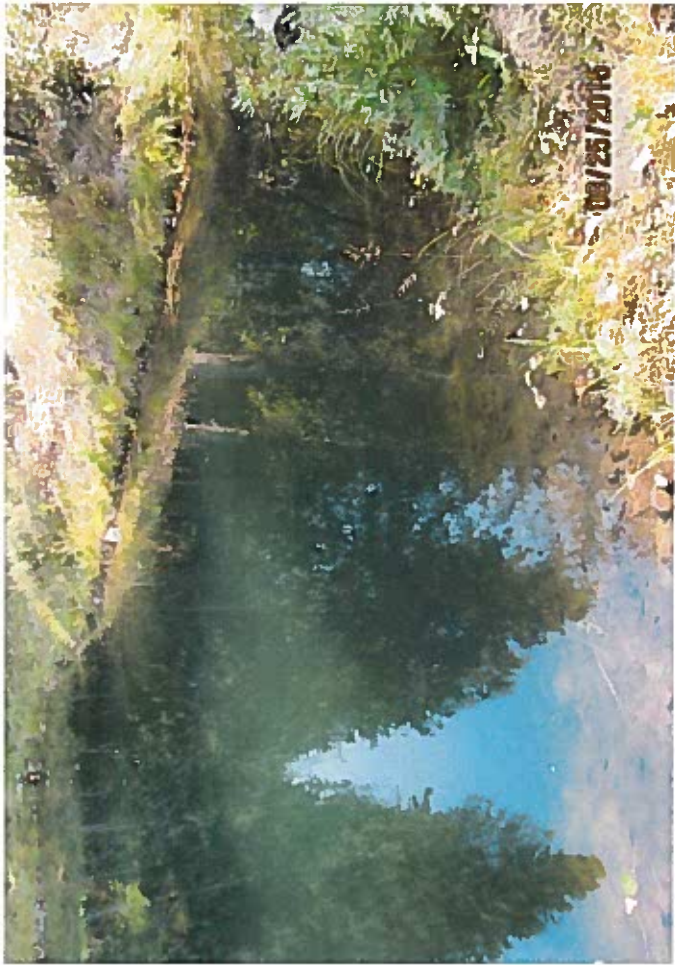
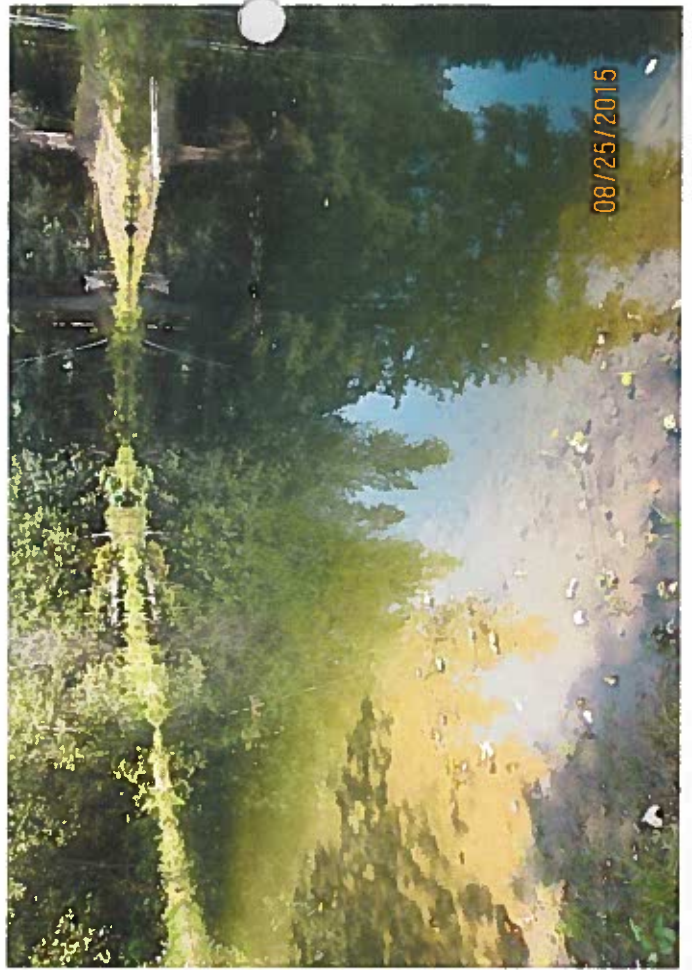
State of Idaho
Department of Water Resources
Water Right License
98-7898



0 0.035 0.07 0.14 Miles

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

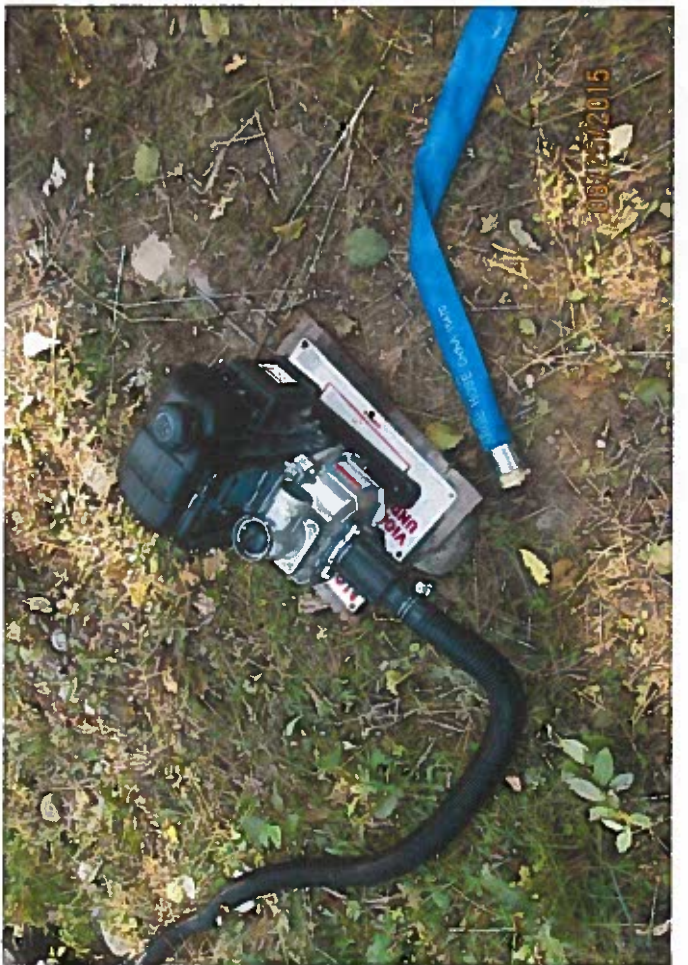
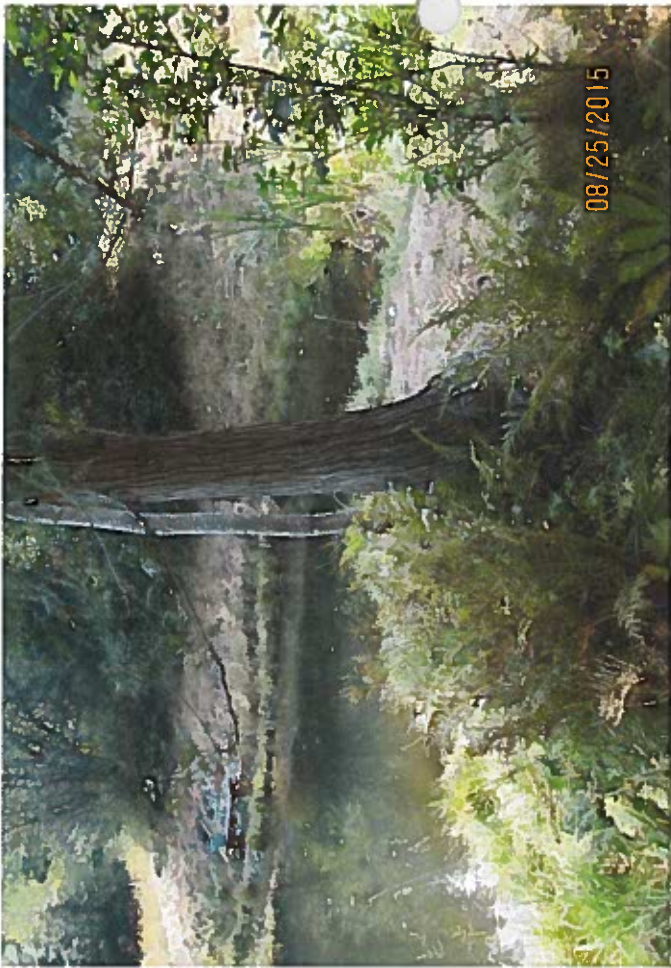




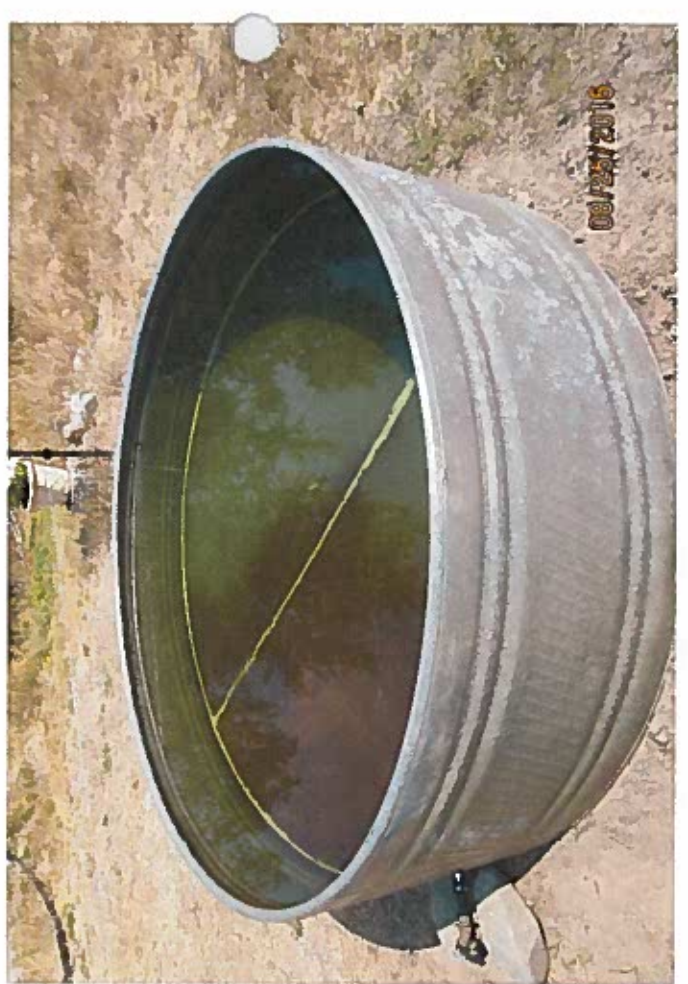
98-7898



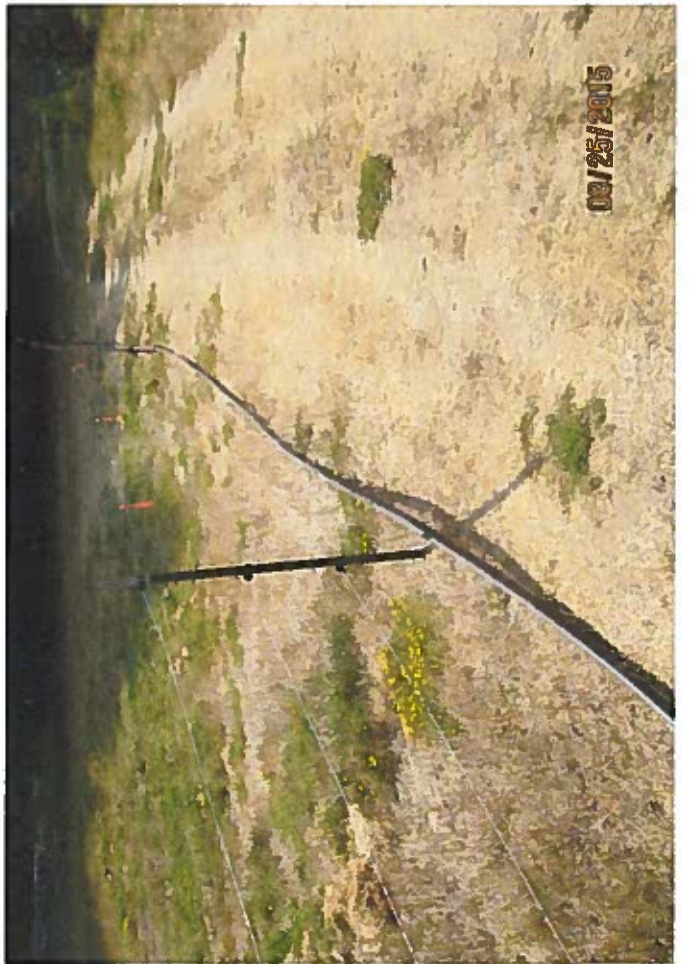
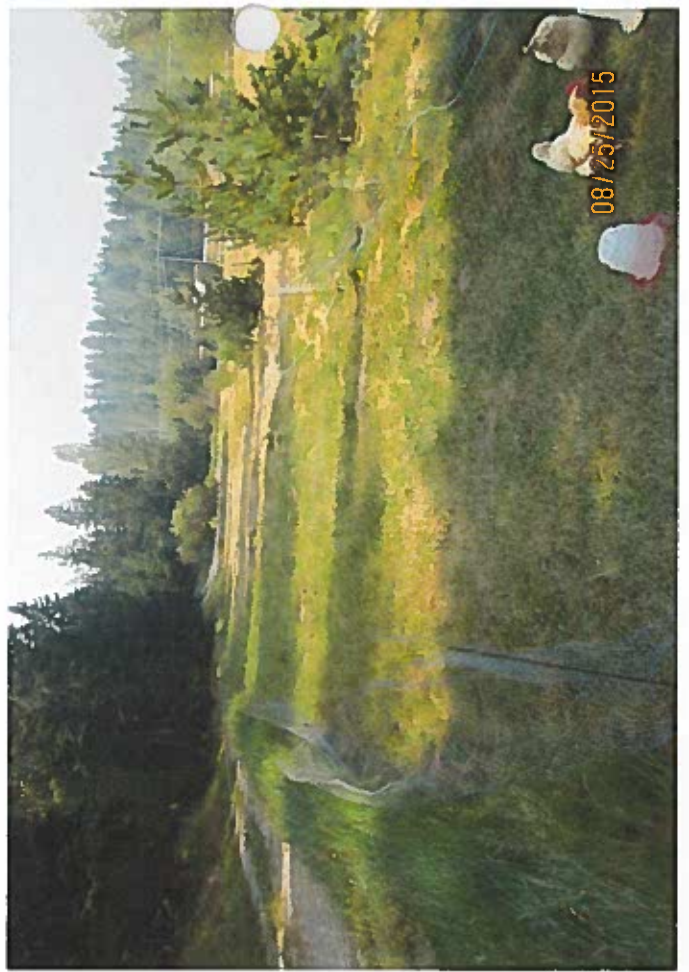
98-7892



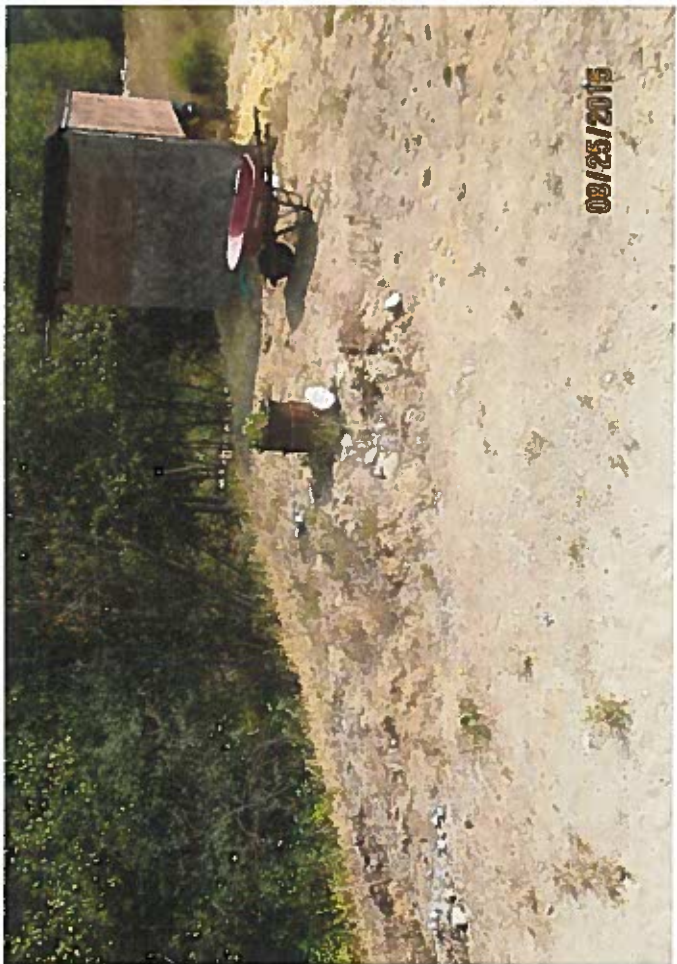
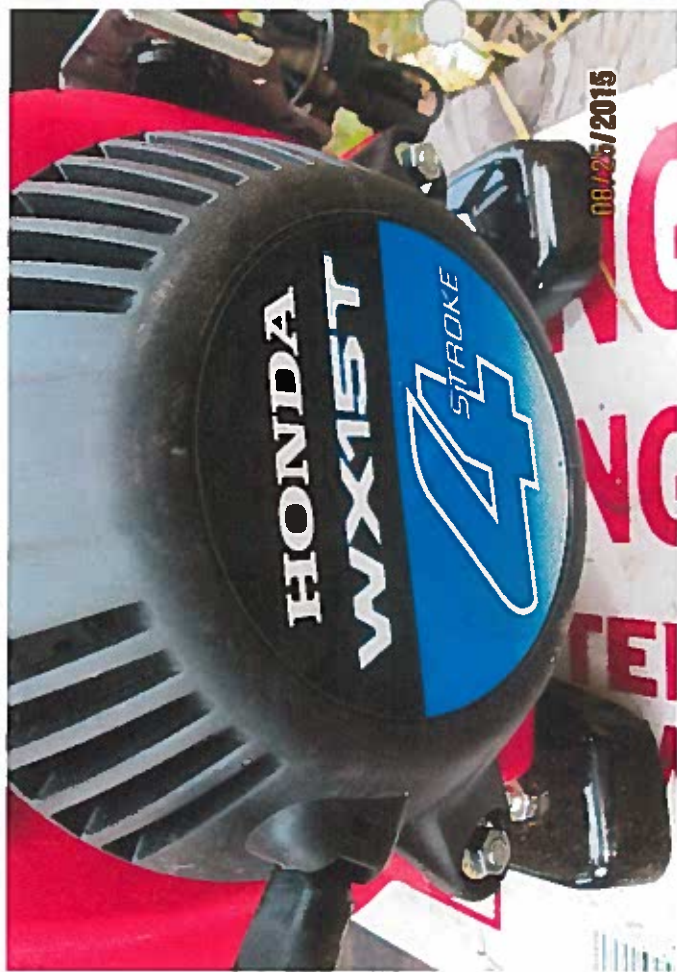
98-7898



98-7898



98-7898



98-7898



98-7898