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JUN 30 2004

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 37 - 20899

1. Owner: THOMAS M. O'GARA FAMILY TRUST c/o BRIAN BARSOITTE Phone No. 208-726-3030

Current Address: P.O. Box 370 KETCHUM, ID 83340

2. Accompanied by: JEFFREY S. RAU - BROCKWAY FNGR. EXAM DATE: 6/24/2004

Address: 2016 N. WASHINGTON ST SUITE 4 Phone No 208-736-8543
TWIN FALLS, ID 83301

Relationship to Permit Holder: - CONSULTANT & ENGINEER

3. Source: GROUNDWATER tributary to

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. Point(s) of Diversion:

[illegible]

USGS QUAD, AERIAL PHOTO

2. Place(s) of Use:

Indicate Method of Determination & SITE VISIT

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

SEE ATTACHED EXHIBITS															
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Scale: 1" = _____

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					SUB - WATER
					FILLS THE PONDS

*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:

Beneficial Use Exam
Permit #37-20899
Thomas M. O'Gara Family Trust

The permit allows the storage of water for beneficial use for Wildlife and Recreation in two small dug ponds located on the Silver Springs Ranch. The ponds were constructed in two low land areas which had been previously designated as wetland areas. Material was removed from the pond site and deposited on upland areas of the ranch well away from the two ponds. The two ponds are fed from natural occurring groundwater which subs into the bottom of the ponds. The ponds are not fed with any wells or other external sources such as a canal or stream.

Each pond has an ungated corrugated metal pipe (CMP) outlet which is set at the elevation of the grass swale downstream of the ponds preventing ponding and storage above that which occurred naturally prior to the construction of the ponds. Brockway Engineering has surveyed these culverts on previous occasions and has verified that the culverts are set at the proper elevations.

The permit does not allow any diversion from storage under this right and no other beneficial uses (i.e. irrigation, stockwater) are part of this permit or these ponds. Since the ponds do not contain a specific source location and since nothing is diverted from these ponds, no measurement devices are required and no flow measurements possible.

The photos included with this report show the two ponds and outlet systems. The groundwater level was high at the time of the exam and both outlet culverts were flowing as shown in the photos.

The permit is recommended at the original storage volume and no other changes are recommended for this permit approval.

Jeffrey S. Rau, P.E.
WR Examiner #05-127

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

NOT APPLICABLE - NO DIVERSION FROM STORAGE ALLOWED UNDER THIS PERMIT.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: *N/A*

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses:

SEE ATTACHED SHEET.

$$VOL \text{ FOR STORAGE} = 7.4 \text{ AF } \pm$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume	
	From	To	Q (cfs)	V (afa)	
WILD LIFE STORAGE	1/1	12/31	—	7.4	STORAGE VOL
RECREATION STORAGE	1/1	12/31	—	7.4	STORAGE VOL
Totals:			—	7.4	STORAGE VOL

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

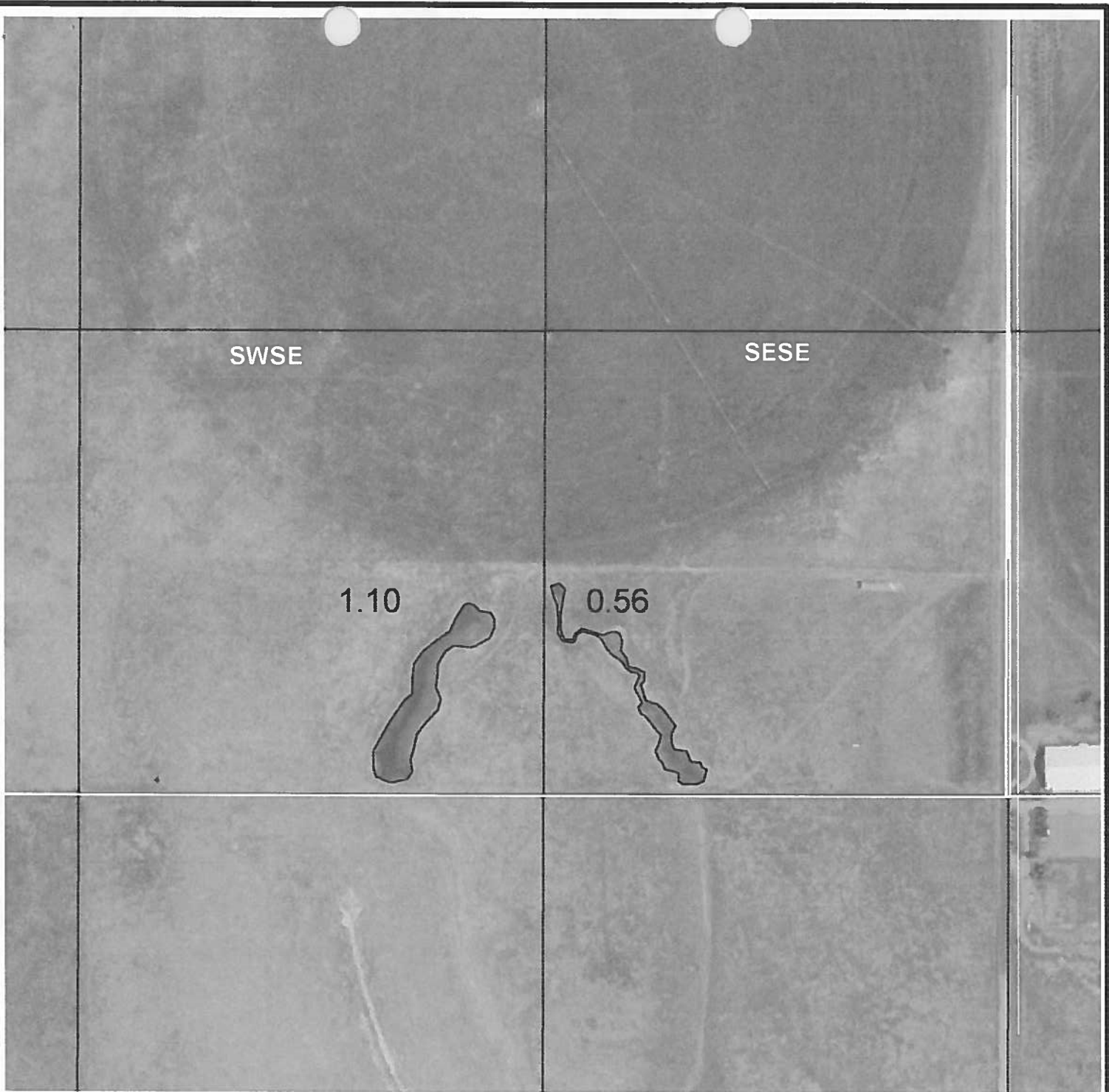
I. AUTHENTICATION

Field Examiner's Name *[Signature]* Date *6/28/04*

Reviewer _____ Date _____



WR EXAMR # 05-127



70 0 70 140 Feet

A scale bar with alternating black and white segments, representing distances of 70, 0, 70, and 140 feet.

**O'GARA WEST PONDS
T. 01S., R. 19E. SEC 8
2003 NAIP AERIAL PHOTO**



Tom O'Gara - West Ponds
Beneficial Use Exam - Volume Estimate
Based on 6/24/04 Site Visit with Ponds Full
Jeffrey S. Rau - WR Examiner #05-127

East Pond Top Area = 0.56 acres

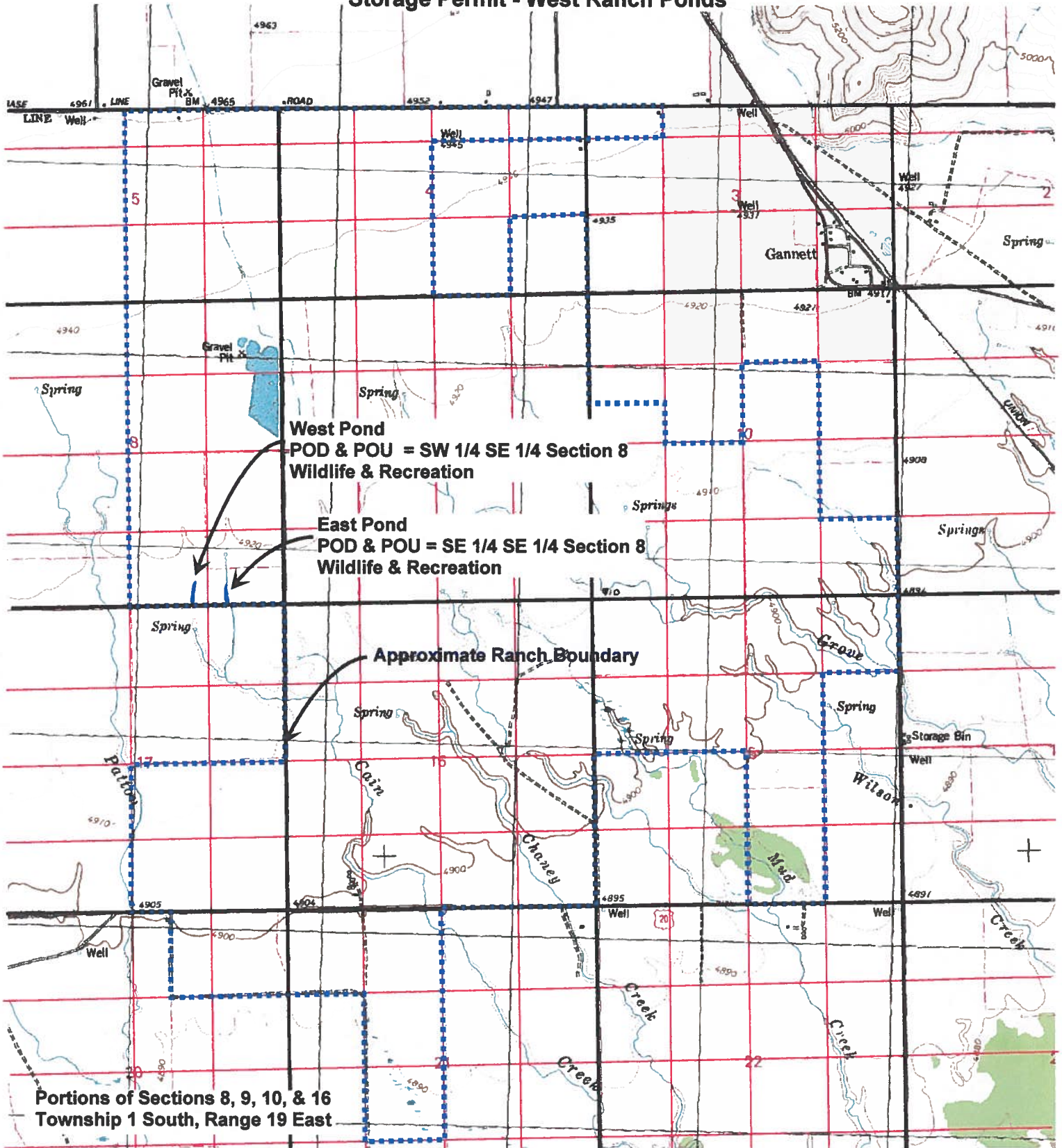
East Pond		
Depth (ft)	% of Area	Volume (ac ft)
1	30	0.17
3	25	0.42
5	30	0.84
7	15	0.59
Sum		2.02

West Pond Top Area = 1.10 acres

West Pond		
Depth (ft)	% of Area	Volume (ac ft)
1	10	0.11
3	30	0.99
5	30	1.65
8	30	2.64
		5.39

Total Total = 7.41

Storage Permit - West Ranch Ponds



Map Source = USGS Quad Maps (Alltopo ver ID2)

Brockway Engineering, PLLC

O'Gara Silver Springs Ranch "East Pond"



East Pond - Looking NW



East Pond - Small Channel in Middle



East Pond - Upper Pond Area

**Gara - Silver Springs Ranch
"East Pond"**



East Pond - 18" CMP Outlet - Ungated



East Pond - 18" CMP Outlet - Looking downstream at swale

**C Gara - Silver Springs Ranch
"West Pond"**



West Pond - Looking SSW from north end of pond

**C Gara - Silver Springs Ranch
"West Pond"**



West Pond - 24" CMP Outlet - Ungated



West Pond - 24" CMP Outlet - Note flowing water.