

76717

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No.

RECEIVED**AUG - 2 2010****IDWR/NORTHERN**1. Name of applicant(s) SID BRUMBACH / JAMIE HETTICKName connector (check one): ☐ and ☐ or ☒ and/orPhone 717-575-1076Mailing address: 6 WEST RED GOLD CIRCLECity CAMP HILLState PAZip 17011Email: sid.brumbach@sanofi-aventis.com2. Source of water supply UNNAMED STREAMwhich is a tributary of CABIN CREEK

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
61N	2E	8			NW	SW	BOUNDARY	UNNAMED STREAM	

4. Water will be used for the following purposes:

Amount 1.3 AF for REC. STORAGE purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)5. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) 1.4 acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. MAN-MADE POND WITH OUTFLOW AVERAGE POND DEPTH 4.5 FEETb. Height of storage dam 6 feet; active reservoir capacity 0.8 acre-feet; total reservoir capacity 0.8 acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ Noc. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☐ Noe. If well is already drilled, when? N/A; drilling firm N/A;
Well was drilled for (well owner) N/A; Drilling Permit No. N/A

7. Description of proposed uses (if irrigation only, go to item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households _____

e. Other; describe fully. RECREATIONAL STORAGE POND FOR FISH

98-7904

8. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
61N	2E	8										R							

Total number of acres to be irrigated: N/A

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? NONE

10. a. Who owns the property at the point of diversion? APPLICANT
 b. Who owns the land to be irrigated or place of use? APPLICANT
 c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. WE ARE PROPOSING AN ADDITIONAL FISH POND IDENTICAL TO WATER RIGHT 98-7759 DIVERTED FROM THE SAME SPRING AND CONSTRUCTED UPSTREAM FROM THE EXISTING POND.

NOTE APPLICANT SAID THE POND IS ON AN UNNAMED STREAM OF WHICH A SPRING DOES SUPPLY SOME OF THE WATER.

12. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year).
 13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Sidney D. Brumbaugh
 Signature of Applicant
SIDNEY D. BRUMBAUGH
 Print Name (and title, if applicable)

Jamie Hertz
 Signature of Applicant
JAMIE HERTZ
 Print Name (and title, if applicable)

For Department Use:

Received by Dianne Date 7/14/10 Time _____ Preliminary check by _____
 Fee \$ 100 Received by Dianne Receipt No. N025195 Date 7/14/2010

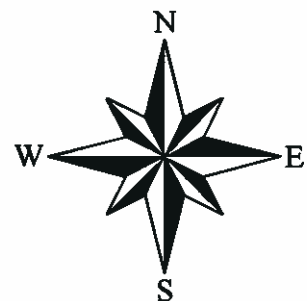
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0 90 180 360 540 720 Feet

Legend

-  workingpod
-  workingpou
-  QQ



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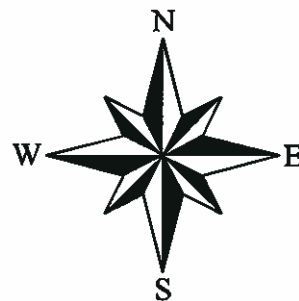
BRUMBACH/HETTICK



0 120 240 480 720 960 Feet

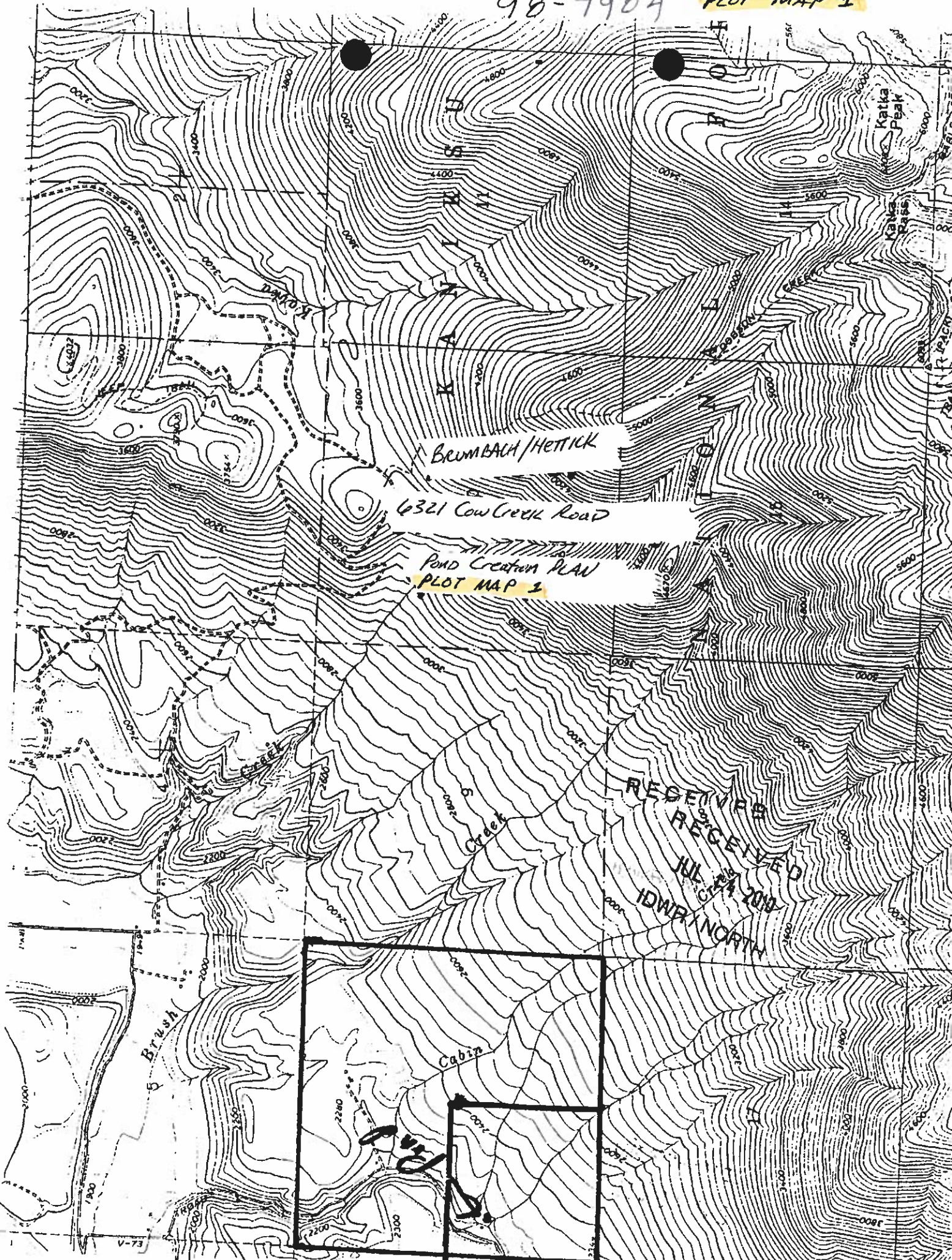
Legend

- workingpod
- workingpou
- QQ
- Taxlots

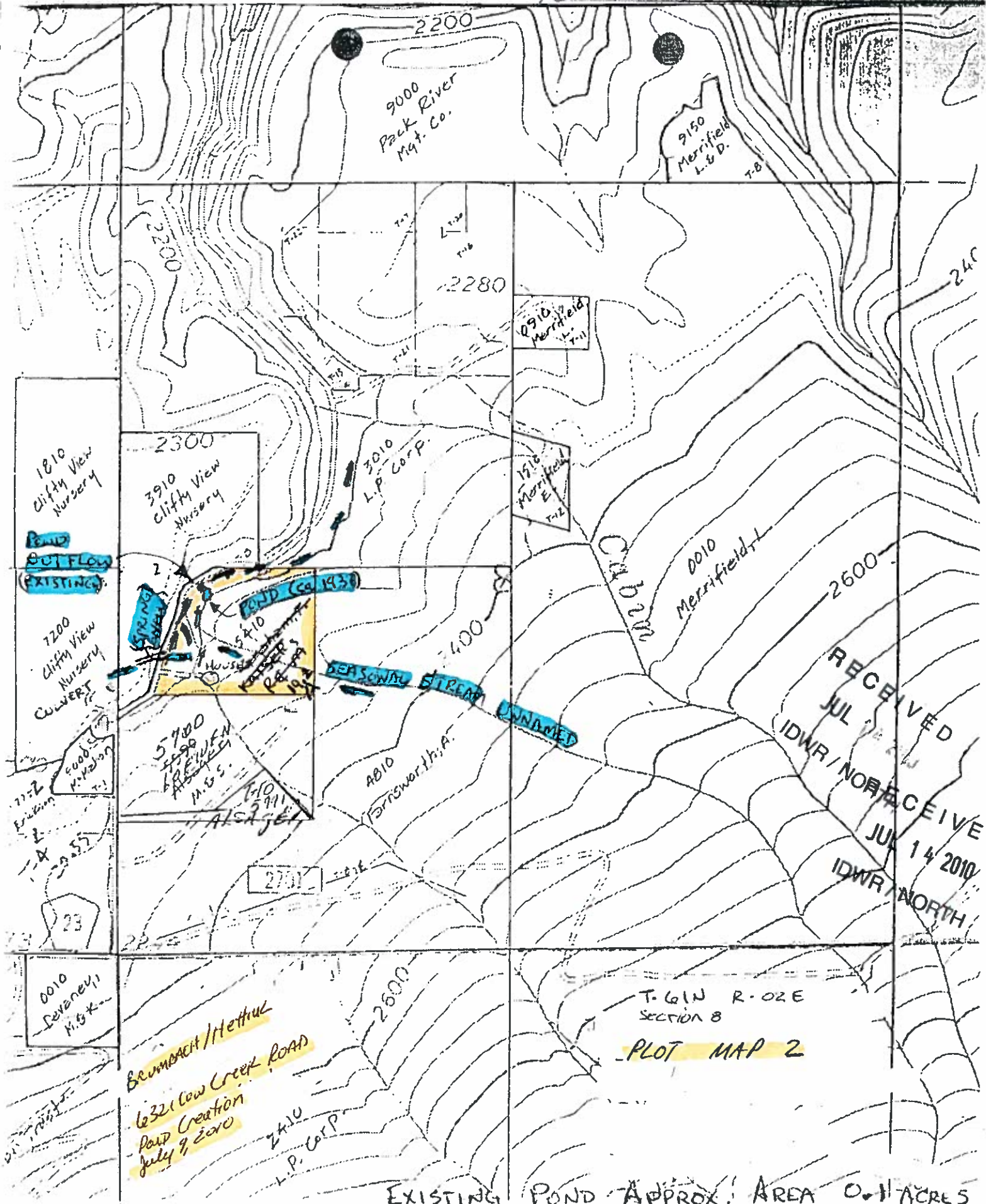


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PLOT MAP 1



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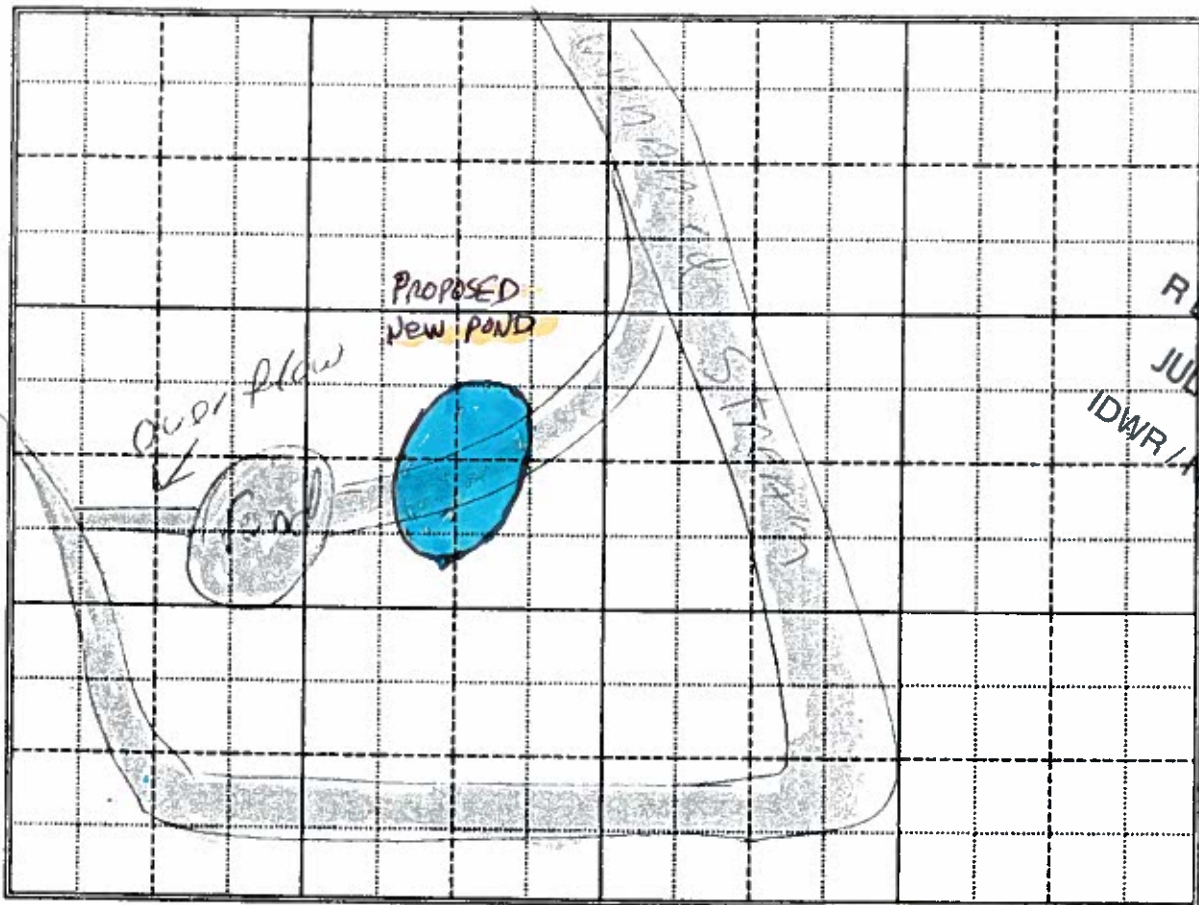


DELIVERED

EXISTING POND APPROX. AREA 0.11 ACRES
BRUMMICK/HETTICK, PROPERTY BOUNDARY 19.2 ACRES
ARROWS INDICATE SURFACE WATER FLOWS

DRAWING 1

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



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

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

D. FLOW MEASUREMENTS

1.

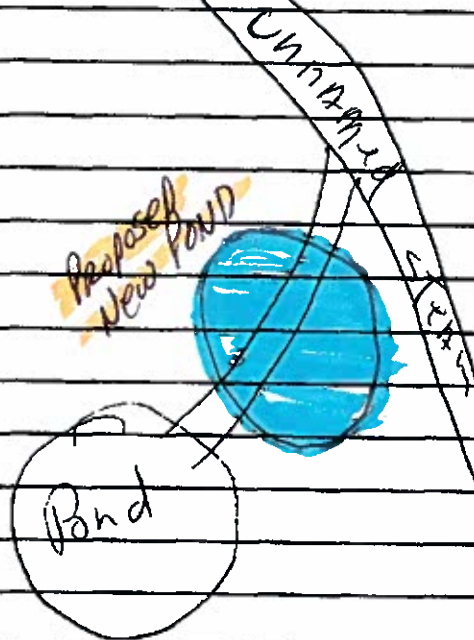
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

MICROFILMED

DEC 8 2 1999

E. NARRATIVE/REMARKS/COMMENTS



Water flows from stream to
pond, exits pond back to stream
Also a spring in pond maintains
level. Overland flow is
seasonal

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Have conditions of permit approval been met? ☒ yes ☐ no

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F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: *5 gal bucket measured at two points on outflow*

5 gal in 15 sec = 20 gpm

5 gal in 5 sec = 60 gpm

80 gpm

$$\frac{80 \times 1.33681}{60} = .178$$

$$.2 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

150 ft long x 50 ft wide x 5 ft deep x .4

43560

= .3 cfs

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Recreation</i>	<i>01-01</i>	<i>01-01</i>	<i>.2</i>	<i>.3</i>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<i>.2</i>	<i>.3</i>

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 *Wayne Balch* Date *7-25-96*

Reviewer _____ Date _____

SEAL

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POND SIZE: $150' \times 50' \times 4.5' = 33,750 \text{ CUFT} = 0.8 \text{ AF}$

SURFACE AREA: $150' \times 50' = 7,500 \text{ SQFT}$

EVAPORATION: $@ 7,500 \text{ SQFT} = 468 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ AF/GAL} = 0.5 \text{ AF}$

RECREATIONAL STORAGE IS FOR FISH

RECREATION STORAGE	a.) POND SIZE	0.8 AF
	b.) EVAPORATION	0.5 AF
	c.) SEEPAGE (INSTREAM)	<u>0.0 AF</u>
	TOTAL	1.3 AF