

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 78-7263A

1. Owner Brundage Water Users Assn Inc Phone No. (208) 347-2228
Current address PO Box 333 New Meadows ID 83654
2. Examiner's name Steve Lester EXAM DATE 8/17/1995
3. Accompanied by Edgar Raney Email n/a
Address PO Box 333 New Meadows ID 83654
Relationship to permit holder President of BWUA Phone No. _____
4. Source Brundage Creek tributary to Goose Creek

B. OVERLAP REVIEW

1. Other water rights with the same place of use primarily 78-2085, also other live flow rights w/in large pou boundary
2. Other water rights with the same source and point of diversion 78-2085, 78-7263B, 78-7263C

C. DIVERSION AND DELIVERY SYSTEM**1. Point(s) of Diversion:**

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			NE	SE	30	20N	03E	ADAMS	USGS TOPO

2. Place(s) of Use: Method of determination Brundage Water Users Assn Large POU - see exam narrative

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

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					

*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:** _____

No measurements applicable. See narrative on next page.

E. NARRATIVE/REMARKS/COMMENTS

Field examination for this permit conducted on two separate occasions - the point of diversion visited 10/21/1993 and the place of use/additional field examination 8/17/1995. This permit is for a portion of the storage pool in Brundage Reservoir located in Adams County, roughly 8.5 miles northeast of New Meadows. Permitted place of use is for 17,000 acres in the New Meadows/Meadows valley area. Per dam safety and water right records of the department, the storage capacity of the reservoir is 7,330 acre-feet (af). Other rights comprising the storage pool in the reservoir: SRBA decree 78-2085, 3,538 af. Permit no. 78-7263A, 2,992 af. License no. 78-7263B, 500 af. Permit no. 78-7263C, 300 af. This represents the total storage volume of the reservoir, 7,330 af. Note 78-7263C was created by the filing of an exchange on 78-7263A while it was in permit status - an oddity but was nevertheless approved by the department in 1991. The 300 af represented under 78-7263C was originally apart of this permit. See 10/9/2013 memorandum in file for more background on these rights.

The permit lists two points of diversion - one for each source/creek that flow into the reservoir. Point of diversion confirmed to be in the NESE of Sec 30 T20N R03E. Brundage Creek only - see 78-7263B for reference. Place of use confirmed to be the same large pou boundary as 78-2085, see 5/25/2010 memorandum in file. The distribution system description/outline is explained in detail in the attached licensing notes dated 4/28/2010. Note map nos. one and two referenced in both the 5/25/2010 memo and licensing notes are identical to each other. Per the 2010 licensing notes, 4,520 acres will be the acre limit within the place of use boundary of Brundage Water Users Assn.

Photographs: 11 photographs total: 1) information/welcome sign at base of dam 2) outlet structure 3) two lockable watermaster control valves, directly above outlet control structure 4) looking NW along dam, outlet structure in lower left of picture 5) view of reservoir from SE end of dam 6) Cipolletti weir located roughly 200' to 225' downstream from dam, weir blade roughly 12'-15' in width 7) Southside Ditch headgate structure 8) Campbell Ditch headgate structure 9) Westside Ditch headgate structure 10) place of use looking north from southern/southwestern portion of the place of use 11) Place of use looking east from the southern/southwestern portion of the place of use.

Found attached to the end of this exam after the photographs are field notes for reference.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

Note though confirmation cannot be made on any inlet measuring device(s), that requirement can be kept in licensing to require in the future if necessary. This requirement has not been needed for watermaster control thus far. See the field examination/licensing for 78-7263B for the same scenario.

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

N/A

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I,R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{N/A}$$

$$V_{D,R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{N/A}$$

$$V = \text{Smaller of } V_{I,R} \text{ and } V_{D,R} = \underline{N/A}$$

2. Volume Calculations for Other Uses:

Irrigation Storage and Irrigation Storage:

Permit Amount: 2,992 af

Beneficial Use Limit: 17,712 af

System Measurement: 2,992 af

Proof Fee Amount: Covers 2,992 af

RECOMMENDED AMOUNT: 2,992 af

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
irrigation storage	01/01	12/31		2992.0 af
irrigation from storage	05/01	10/01		2992.0 af
Totals:				2992

2. Recommended Amendments

☒ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☐ None☒ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**Field Examiner's Signature Nicholas Van Dyke Date 1/13/2014

SEAL

Reviewer _____ Date _____

I concur with Nick's report that
he based on my field notes from 1990's;
Nick's done by him JZ 1/7/2014 ✓

LICENSING 78-7263A

-JR 4/28/10

Background

Permit for increased Brundage Reservoir storage, adds to prior storage right 78-2085.

Permit lists about 17,000 irrigated acres in traditional land list.

Storage conveyed from upland area to Meadows & New Meadows area via Goose Creek. Storage delivered to extensive area north & south of Goose Creek via Campbell Ditch & South Side Ditch. Through injection & re-diversion, also delivers storage to West Side Ditch to irrigate some land north of New Meadows town site and west of Little Salmon River.

Map #1 shows large POU decreed for 78-2085, discontinuous portions from Big Creek area in the south to Sixmile Creek area in the north, mostly east of the Little Salmon River.

Map #2 shows approximate larger POU for permit (green highlight) if additional information confirms the larger junior shape would include the smaller senior shape but add more areas.

Permit exam conducted late 1993 but exam report incomplete. Lingering issues: POU boundary and maximum acres to license.

Meanwhile, license 78-2085 for same reservoir and same general system was decreed in SRBA, included large POU instead of traditional POU. License covered 4520 acres. Total acres deliberately omitted in decree process. This was confirmed by Carter F. per Dave T. instructions, mimicking method used for much larger BOR storage POU in Boise system. I added database comment to this decreed right to avoid future confusion about lack of acre limit.

POU boundary to resolve with permit owner

Confirm if permit POU should match decreed shape or not. Possibly more lands were included to raise money when increasing storage capacity under 78-7263A. If correct, will have bigger shape for newer right. If not correct, can use 78-2085 shape and assume 4520 acres to be licensed.

Combined storage under old & new rights is 6830 af (senior 3538 & junior 3292).¹ The maximum duty of storage water from the same source is not exceeded provided at least 1366 acre are irrigated ($6830/5 = 1366$). History in senior right confirms considerably more acres than that.

Acre limit to resolve

Would be odd to have same storage & delivery system with two rights, one without acre limit and one with acre limit. Should permit be licensed, regardless of permit POU shape, without an acre limit?

Statutes and rules:

- 42-202(3) & (6) - duty of storage water ≤ 5 af/acre; need acre limit to determine if use does not exceed duty.

¹ The other 500 af of the 7330 af reservoir is for conservation pool (inactive storage) at the reservoir, 78-7263B for Forest Service. Permit 78-7263C is a 300 af exchange. Exchanged water is not additive, instead is part of the total under 78-7263A (this was mis-stated in exam report for 78-7263B).

- 42-219(6) - digital boundary for this situation, implies acre limit for total irrigation within a larger boundary.
- Water Appropriation Rule 35.03.biii - requires irrigation (presumably includes irrigation from storage) by number of acres per tract.
- Beneficial Use Rules:
 - 35.01.a - mandates all exam report items to be completed; total acres/section is an item of the report.
 - 35.01.g – discusses acres per tract.
 - 35.03.a – regards duty of storage ≤ 5 af/acre, need acre limit to determine.

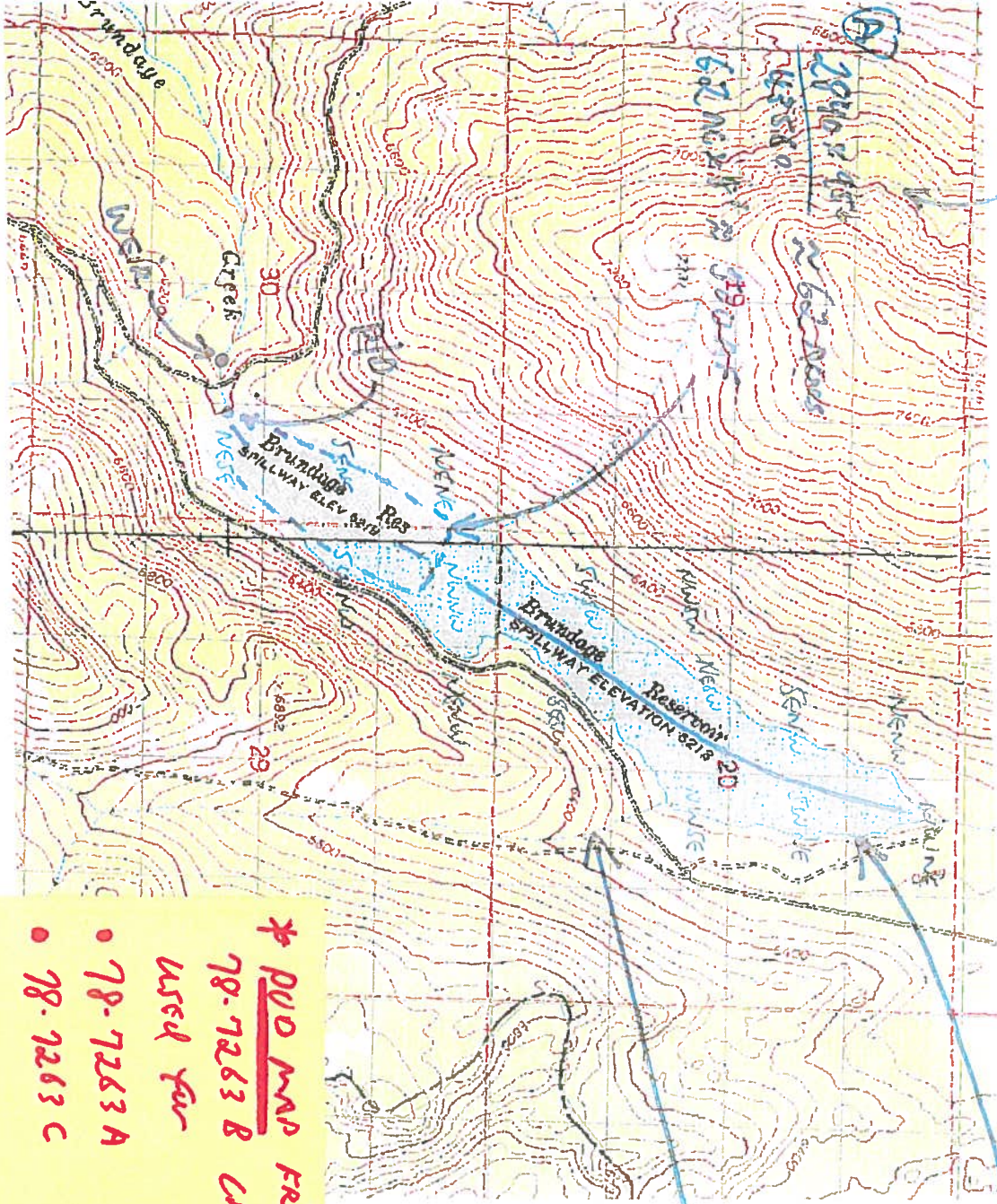
Conclusion - This permit serves more than 5 users but less than 25,000 acres. Statutes and Rules at least strongly imply an acre limit is required for a storage right in this category. The permit should be licensed with an acre limit, even though the senior right under essentially the same system lacks that limit. Database comments can be used to clarify the difference to avoid confusion in future reference to these rights.

don't use this

78-7263B

*

use this



Unknown Units: View1

(B)

pln Assume GA's

parallelly raised stream channel, use reservoir stage for assumed cons. pool pln

inverted stream from fracting inclusions

(A)

— assumed 500 ft pool 8' deep using total reservoir & lvs proportions

guyt lots with 5:30 only

* PUD MAP FROM

78-7263 B can be

used for

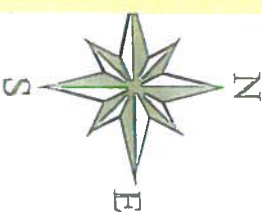
• 78-7263 A

• 78-7263 C

-92 1/3/2014

S
= GCDB
= GCDB

-92 1/4/08



Brundage Water Users Association Digital Boundary

R1E

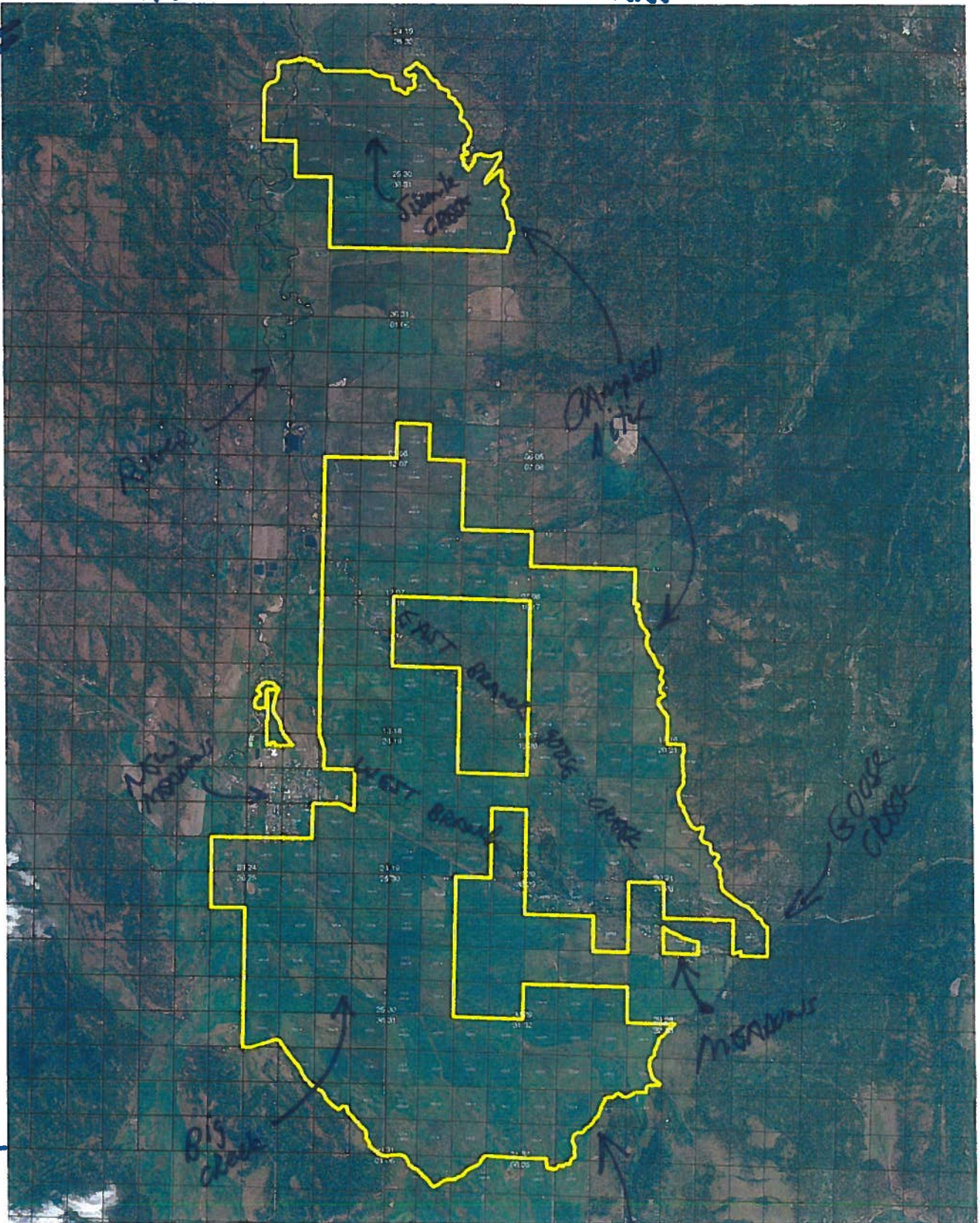
R2E

#1

T20N

T19N

T18N



Map prepared by: Carter Fritschle
Date prepared: 05/30/08
2004 NAIP Photography
Idaho Department of Water Resources

78-2085 POU

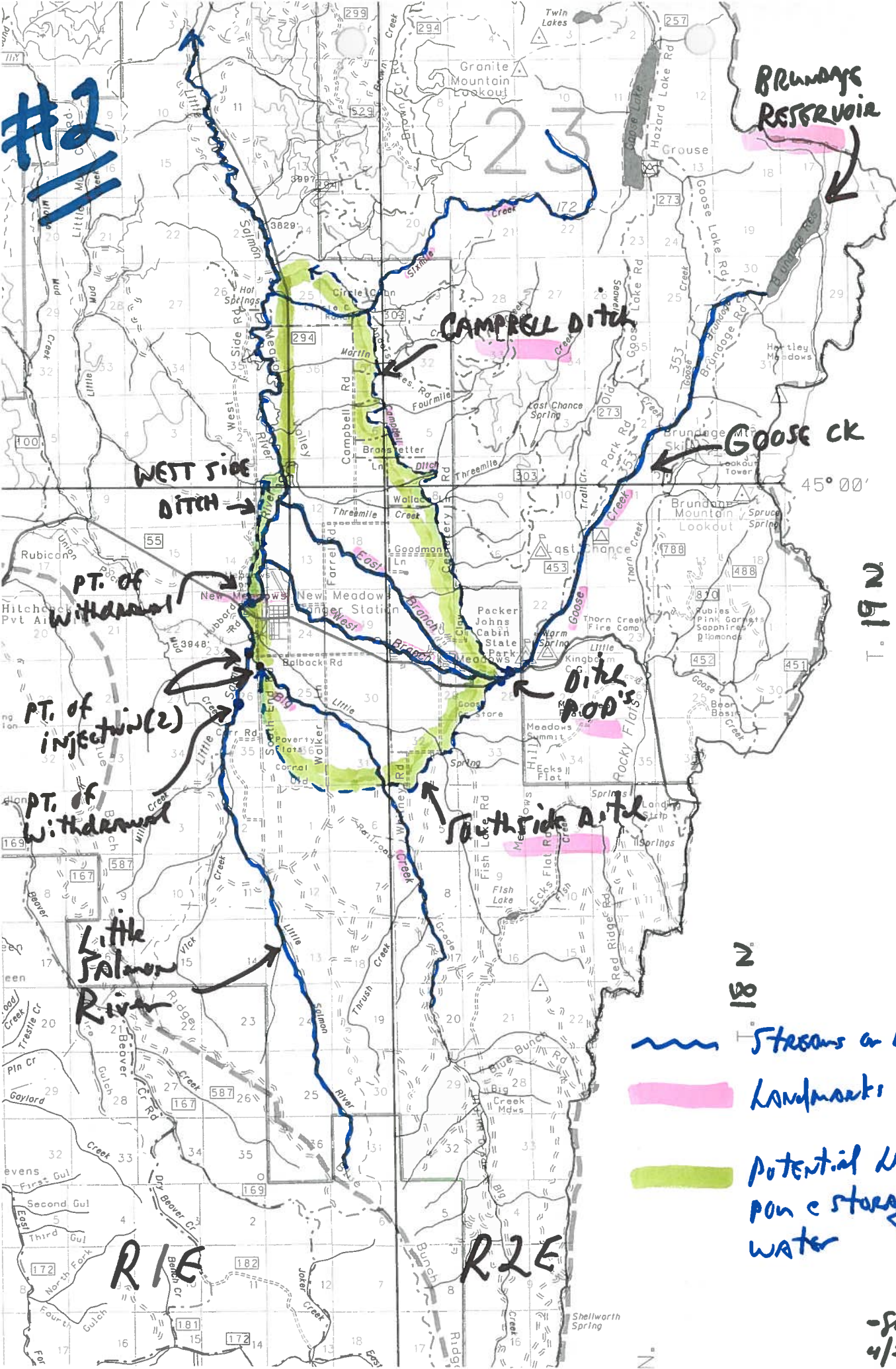
1 0.5 0 1 2 3 Miles

Southfork Ditch



-82
4/28/10

#2



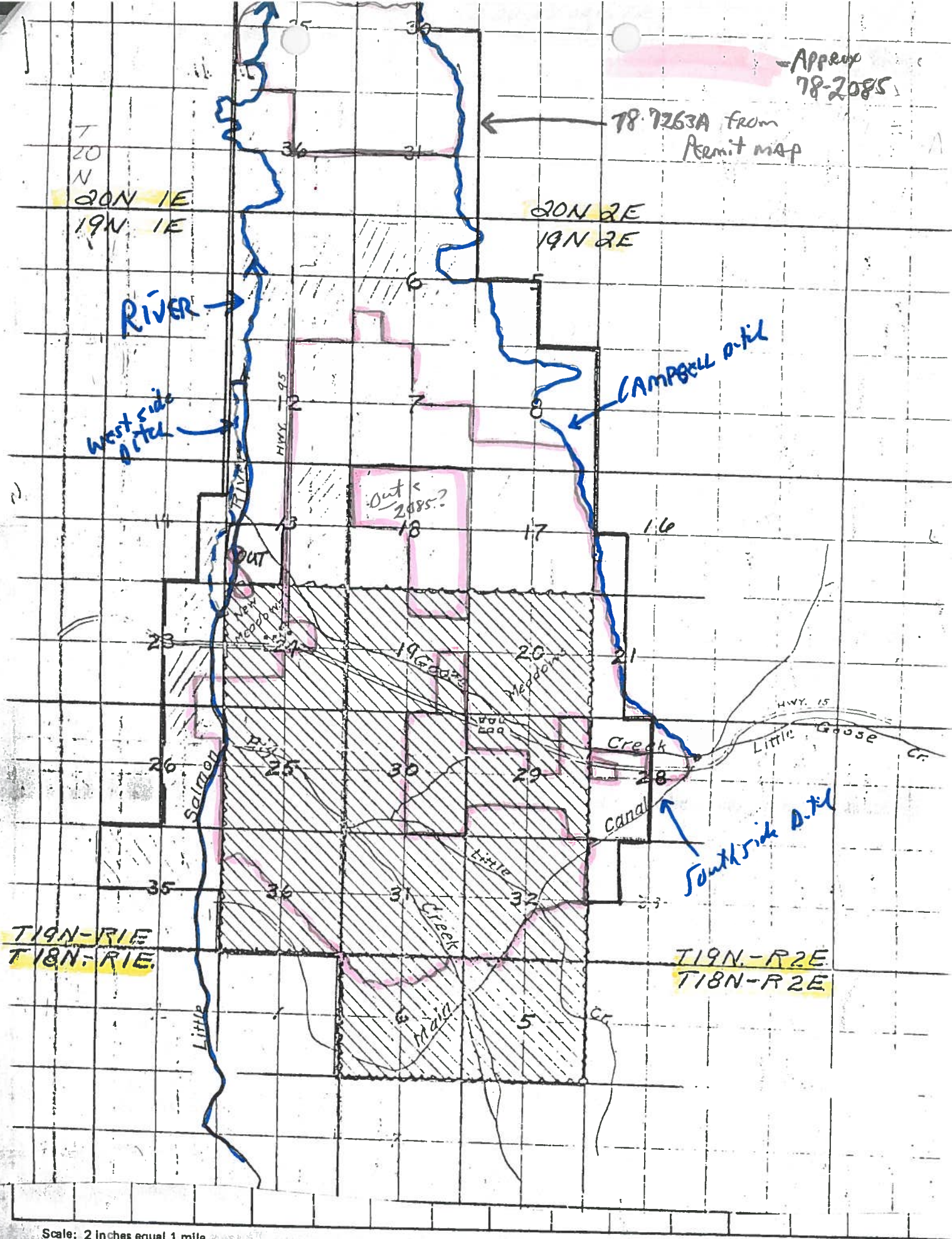
- T. 20 N.
T. 19 N.
T. 18 N.
- C O U N T Y
- Grouse Cr.
 - Grouse Cr.
 - Grouse Spring
 - Hall Cr.
 - Hanson Cr.
 - Hard Rock Gulch
 - Hartley Meadows
 - Heady Cr.
 - Hell Cr.
 - Hells Canyon Dc
 - Hells Canyon Pk
 - Herrington Spr
 - Hibble Gulch
 - Hillman Cr.
 - Hillsdale Schoc
 - Hitchcock Pvt.
 - Airport
 - Hitchcock Gulch
 - Holbrook Saddle
 - Hoo Hoo Gulch
 - Hornet
 - Hornet Cr.
 - Hornet Ridge
 - Horse Flat
 - Horse Mtn.
 - Horse Mtn. Look
 - Horse Spring
 - Huckleberry
 - Huckleberry Cr.
 - Huntley Gulch
 - Indian Cr.
 - Indian Cr.
 - Indian Hill
 - Indian Mtn.
 - Indian Mtn.
 - Indian Springs
 - Indian Valley
 - Indian Valley (
 - Iron Springs
 - Jackley Mtn.
 - Jackson Cr.
 - Jacobs Ladder (
 - Jim Gulch
 - Joels Gap
 - Johnson Cr.
 - Johnson Cr. Par
 - Snowmobile
 - Joker Cr.
 - June Cr.
 - Jungle Cr.
 - Kerris Rapids
 - King Hill
 - King Hill Cr.
 - Kingbaum CG
 - Kinney Cr.
 - Kinney Point
 - Ladder Cr.
 - Lafferty Camp
 - Lake Cr.
 - Lake Winifred
 - Lahey Cr.
 - Landing Strip
 - Larkspur Gulch
 - East Chance
 - East Chance Sp
 - Lester Cr.
 - Lick Cr.
 - Limepoint Cr.
 - Limestone Gulc
 - Little Bear Cr
 - Little Cr.
 - Little Fall Cr
 - Little Johnson
 - Little Mud Cr.
 - Little Salmon
 - Little Weiser
 - Little Weiser
 - Lockwood Cr.
 - Lockwood Point
 - Log Cabin Gulc
 - Lonesome Cr.
 - Long Gulch
 - Long Gulch Ric
 - Lost Basin

Streams or Ditches

Landmarks

Potential large
pond storage
water

-SL
4/28/10



-Approp
78-2085

78-7263A from
Permit map

RIVER

West side
d.t.l.

Campbell d.t.l.

out <
2085?

Salmon

Creek

Little Goose Cr.

Canal

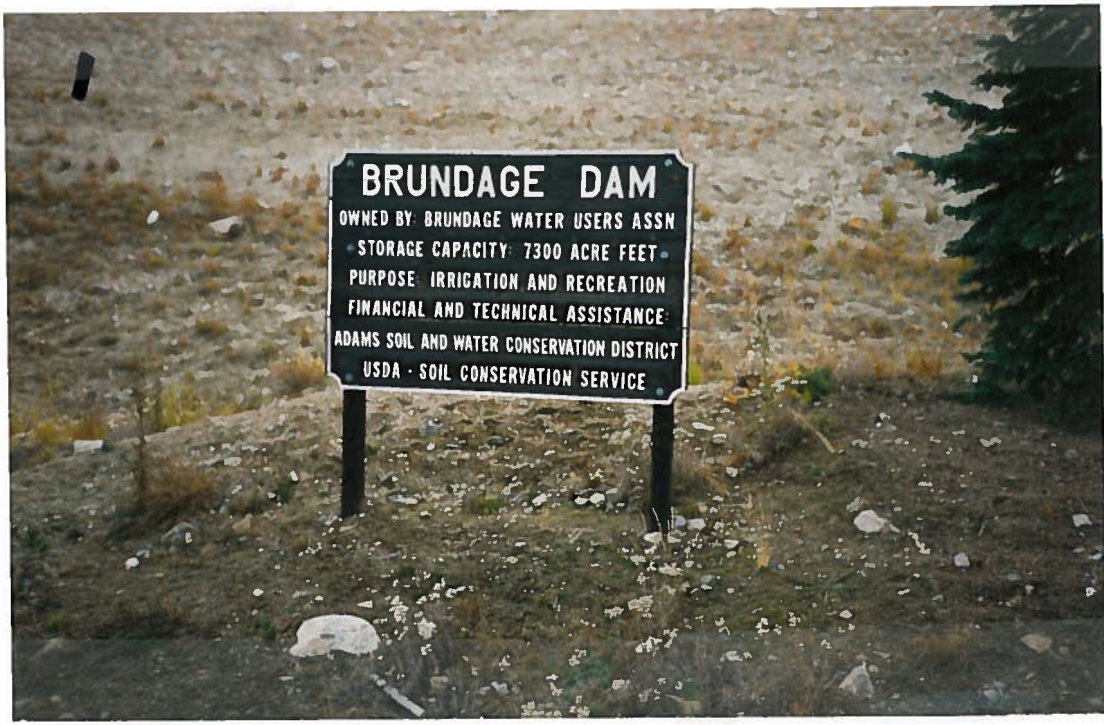
South side
d.t.l.

T19N-1E
T18N-1E

T19N-2E
T18N-2E

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of



① information/welcome sign at base of dam



② outlet structure

3



③ Two lockable watermaster control valves directly above outlet control structure

4



④ Looking up along dam, outlet structure in lower left of picture



⑤ view of reservoir from SE end of dam



⑥ Cipolletti weir located roughly 200' to 225' downstream from dam, weir blade 12'-15' in width



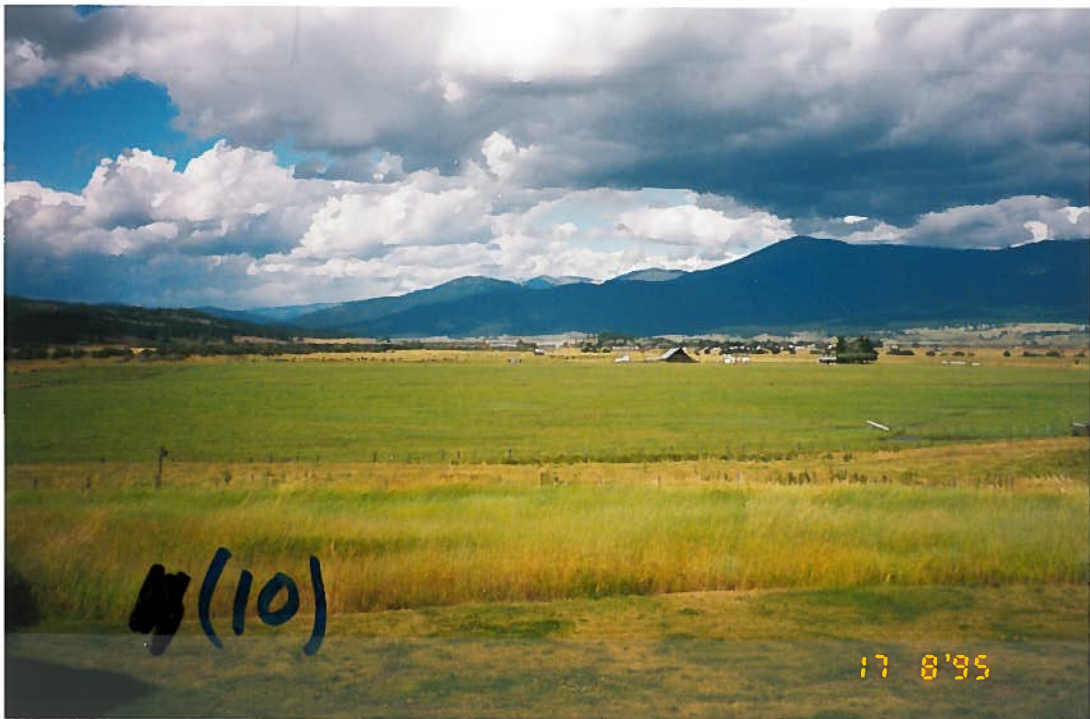
⑦ Southside Ditch headgate structure



⑧ Campbell Ditch headgate structure



⑨ Westside Ditch headgate structure



⑩ Place of use looking north from southern/
southwestern portion of the place of use.



⑪ Place of use looking east from the southern/southwestern portion of the place of use

10/21/93

No one w/ me

78. 07263 A BWH ASSOC
07263 B F.S.

Bremidge Reservoir
water

P/D only 07263 A - will need to exam p/m's
how res. water is released (measured?) &
subsequently diverted from creek(s) downstream - to
fill ditches used, verify areas, etc.
(for 1994)

P/D & P/m 07263 B

- Photos
- ① into sign at base of dam
 - ② outlet beside sign (not a m.d.)
 - ③ 2 Locked Waterman control valves to release - on dam directly above outlet.
 - ④ View NW along dam: outlet lower L., control valves center bkgnd, spillway L. center bkgnd (rocky area).
 - ⑤ Look at Res. from SE End of dam

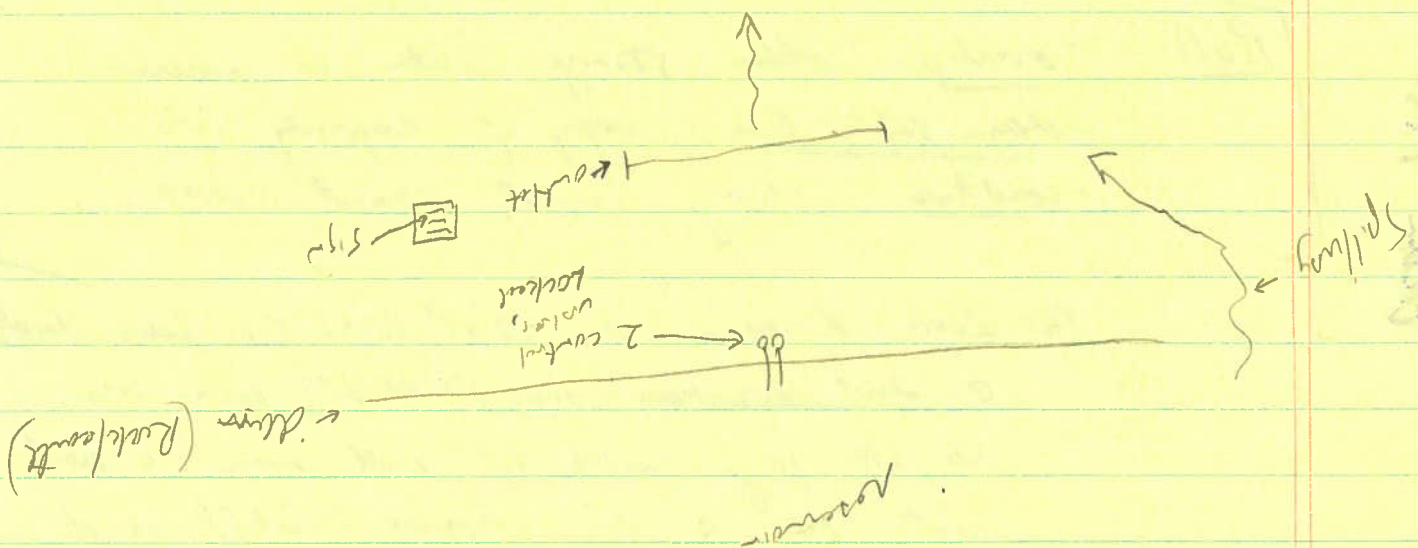
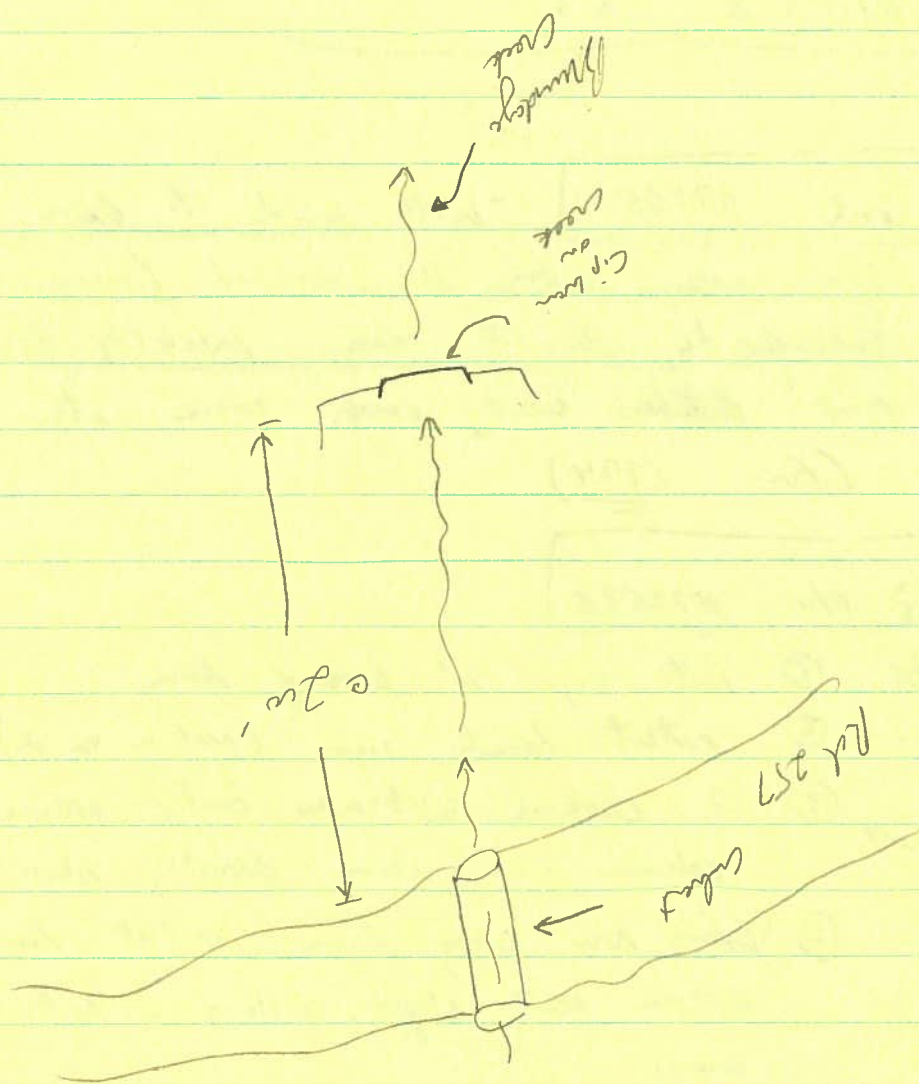
Both

- overlap - other storage water in reservoir.
- dam safety file - copy of capacity into
- condition : storage capacity cannot exceed

- ⑥ Look downstream @ 12-15' (est.) Cip. weir located @ 200' downstream from FS Rd. 257 below dam.
no stg gauge noted but could measure @ crest.
crest max @ 2'. Appears install on at least repaired 1969 from date final eng'g
in concrete bulkhead.

Remainder of this = my fish notes
- fr. 1/7/2014 ✓
Solar powered data station? (locked)

over



Sate
Meado

VALLEY CO
ADAMS CO

78-07263A
-07263B

20N R3E

S 20, 29, 30

COMM.
STREAM

Brundage Cr.

Good
Sick

PH

San Antonio
Creek
Sick

PH
Sick

15 min
Habitat

Wash. Harem

(PH
Harem Cr.)

Harley
N Meado

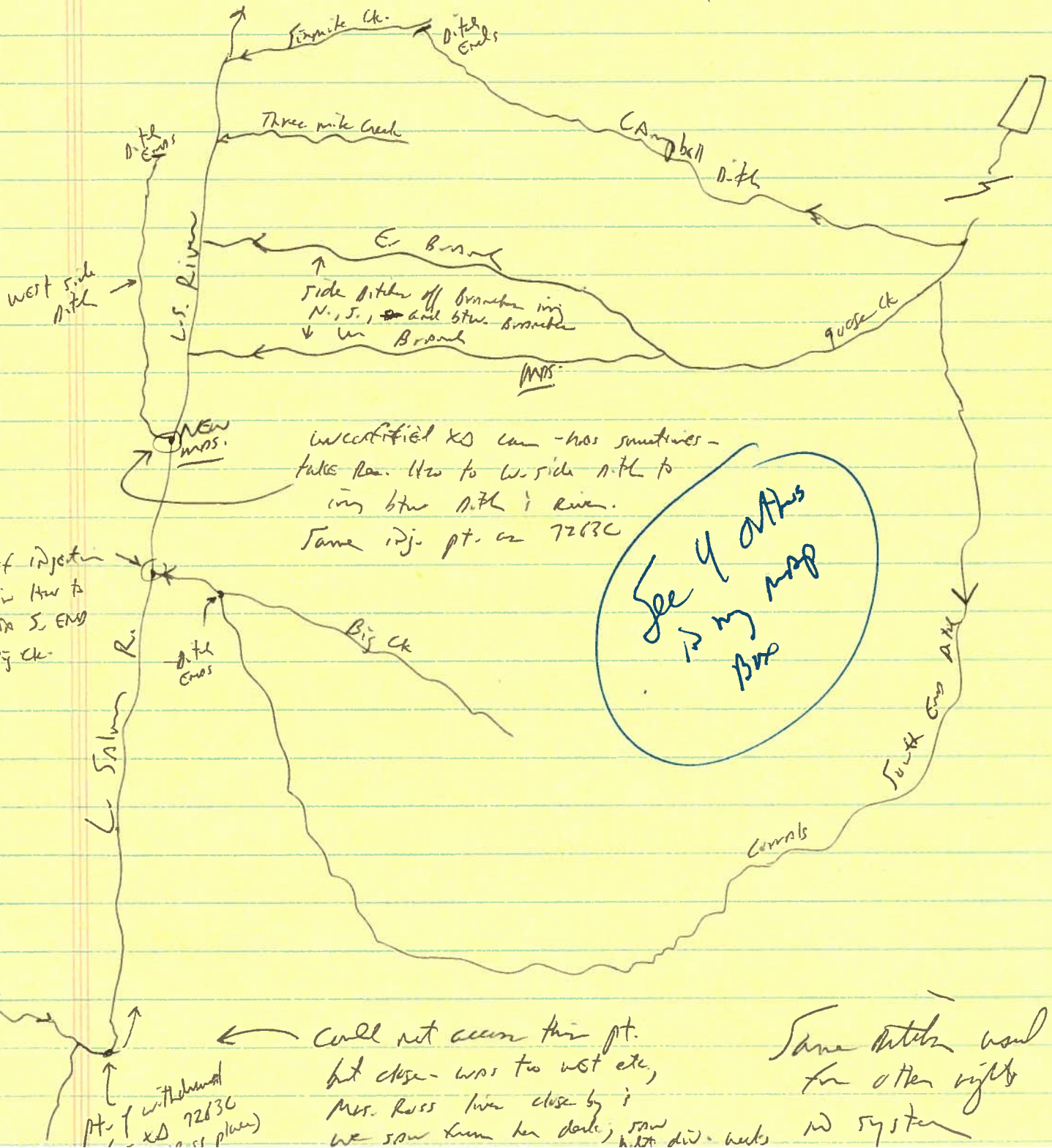
ADAMS CO
VALLEY CO

8/17/95

- 78 07263 A = Cont. work on Exam
- - 07263 C = Exam date this XD

W E. Raney, Pres. BWA

Designed low system works, noted key spots on map.



NAPP not available e Region - order Jeff P.

S8 all $\neq$ new

S9 $W\frac{1}{2}$

R58 SE

R59 SW

ASCS photos left left given 8/17, will mail in
few wk. 1979 photos

will get some (2) new " , make up, then available

↗ check winter '85.46 to see if can get newer
ones

all gravity flow, no pumping

in Review

e Res id - N - check JPR e Res. graph

at - Y

e xA 7263A id - N

at - N

e xO not useful id - N

at - N

reid retain m.d. reg't as needed but ok
lic. agency

Asa. POU Comp, Exclude all choices except remote sens.
area

(3)

Aug

Long house - can do something?

want Inv/gg section for boundary I can
place ~ 1 1/2" scale maps

Check S.O. & then

Photos taken

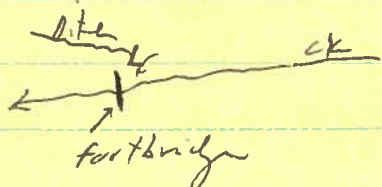
- (7) = ① S side river & given the fact E R.F. Park
(8) = ② Campbell " " " " " W of last above rd
(9) = ③ W side " pt. of mound (not cordoned) as look
down river
(10) = ④ Pln look N from Ross' dock, across foreground are
7263C; others are partial covered of 7263A
(11) = ⑤ Pln same spot but look E x valley; meadows &
ctr background.

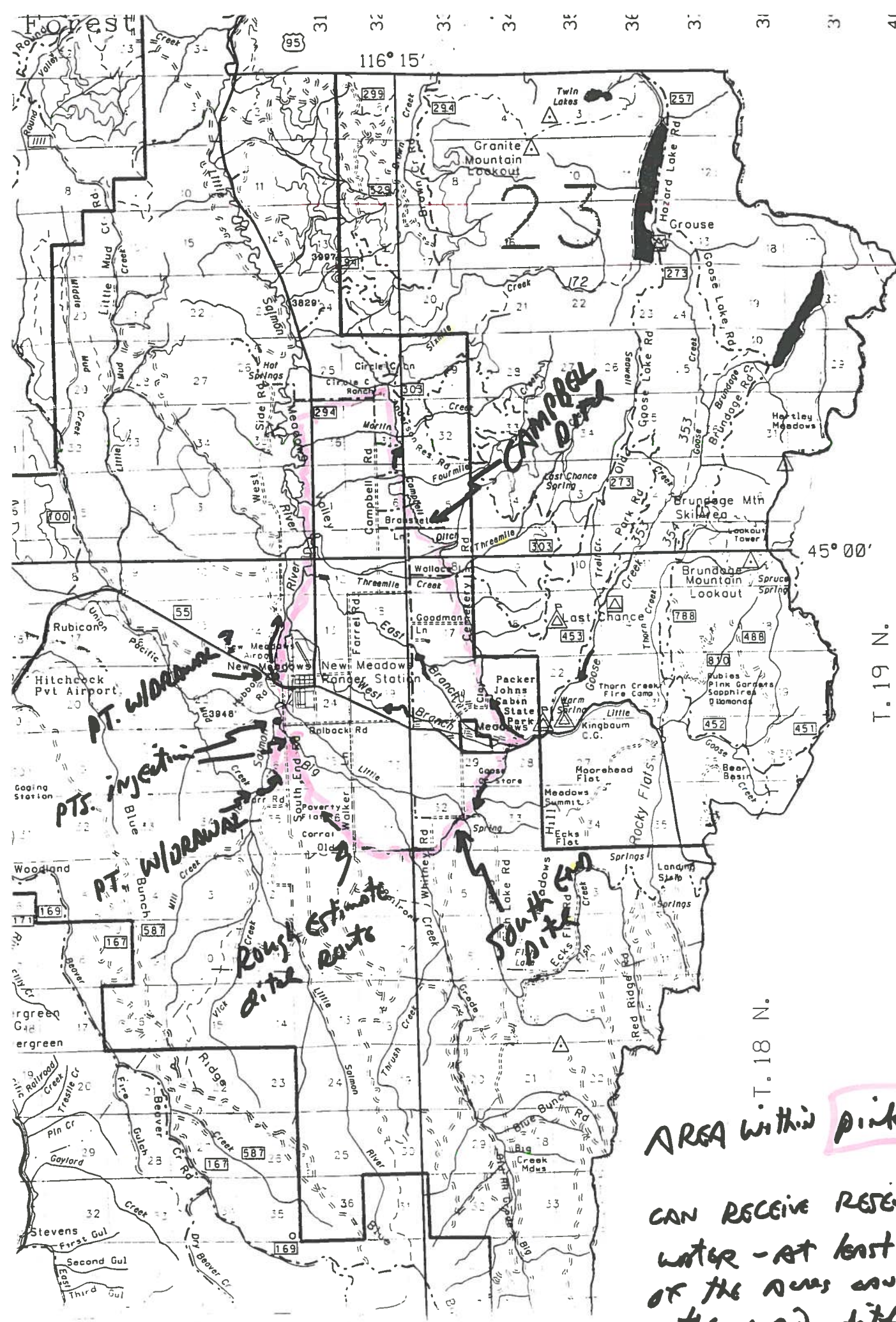
⑤

These renumberings part of putting together field exam.
- NVD 10/27/13

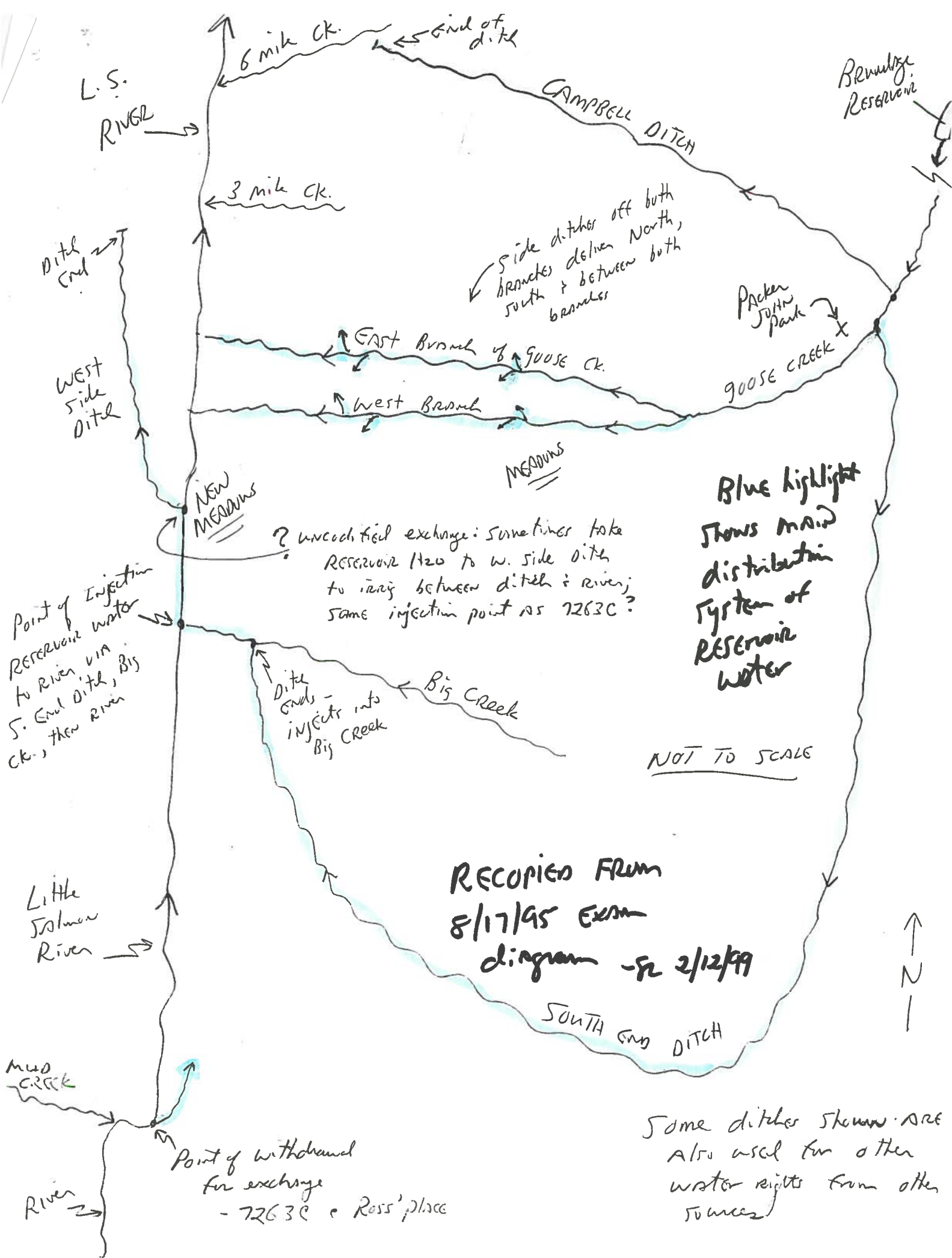
*

#2 →





- C O L O R A D O
- Grassy Ridge
 - Grays Cr.
 - Grizzley Cr.
 - Grizzly Cr.
 - Grouse Cr.
 - Grouse Cr.
 - Grouse Spring
 - Hall Cr.
 - Hanson Cr.
 - Hard Rock Gul
 - Hartley Mead
 - Heady Cr.
 - Hell Cr.
 - Hells Canyon
 - Hells Canyon
 - Herrington Se
 - Hibble Gulch
 - Hillman Cr.
 - Hillsdale Scr
 - Hitchcock P
 - Airport
 - Hitchcock Gu
 - Holbrook Sad
 - Hoo Moo Gulc
 - Hornet
 - Hornet Cr.
 - Hornet Ridge
 - Horse Flat
 - Horse Mtn.
 - Horse Mtn. L
 - Horse Spring
 - Huckleberry
 - Huckleberry
 - Huntley Gulc
 - Indian Cr.
 - Indian Cr.
 - Indian Hill
 - Indian Mtn.
 - Indian Mtn.
 - Indian Sprin
 - Indian Valli
 - Iron Spring
 - Jackley Mtn
 - Jackson Cr.
 - Jacobs Lada
 - Jim Gulch
 - Joes Gap
 - Johnson Cr.
 - Johnson Cr.
 - Snowmob
 - Joker Cr.
 - June Cr.
 - Jungle Cr.
 - Kerris Rapi
 - King Hill
 - King Hill
 - Kingbaum C
 - Kinney Cr.
 - Kinney Poi
 - Ladder Cr.
 - Lafferty C
 - Lake Cr.
 - Lake Winif
 - Lakey Cr.
 - Landing St
 - Larkspur G
 - Last Chan
 - Last Chan
 - Lester Cr.
 - Lick Cr.
 - Limepoint
 - Limestone
 - Little Bel
 - Little Cr
 - Little Fa
 - Little Jo
 - Little Mu
 - Little Sa
 - Little We
 - Little We
 - Lockwood
 - Lockwood



L.S. RIVER

6 mile ck.

End of ditch

CAMPBELL DITCH

Bennett Reservoir

3 mile ck.

Ditch End

WEST Side Ditch

Side ditches off both branches deliver North, South & between both branches

EAST Branch of

GOOSE Ck.

Packer John Park

GOOSE CREEK

West Branch

MEADOWS

NEW MEADOWS

? uncodified exchange: sometimes take Reservoir H₂O to W. side ditch to irrig. between ditch & river; same injection point as 72630?

Blue highlight Shows main distribution system of Reservoir water

Point of Injection Reservoir water to River via S. End Ditch, Big Creek, then River

Ditch ends - injects into Big Creek

Big Creek

NOT TO SCALE

Little Indian River

RECOPIED FROM 8/17/95 Exam diagram - fr 2/12/99

SOUTH End DITCH

N ↑

Mud Creek

Point of withdrawal for exchange - 72630 - Ross' place

Some ditches shown are also used for other water rights from other sources

River



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

January 22, 2014

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

BRUNDAGE WATER USERS ASSN INC
PO BOX 333
NEW MEADOWS ID 83654

RE: Water Right Permit No. 78-7263A

Dear Permit Holders:

The Department of Water Resources is reviewing the permit referenced above prior to issuing a water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit. The examiner who verified your water use reported that certain elements of the permit have been developed differently than described on your permit. Changes that do not increase the authorized use of water under the permit can be requested and approved in accordance with Section 42-211, Idaho Code. Before a license can be issued, your permit must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit:

- ☒ Point of Diversion
- ☒ Place of Use

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when it is issued. Please review the amendment form carefully. If you concur with the information presented, please sign the form and return it with the \$100.00 filing fee within 14 days.

If you have any questions, please call me at (208)334-2190.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

Enclosures

home phone:
347-3345

2-4-14
Wana Purdy new
president - just
got letter today.
allow additional
time. KW