

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-08428
Exam Date: 9/20/2000

1. Current Owner:
RESORT WATER CO INC 165 VILLAGE LN STE A SANDPOINT ID 83864 (208) 255-3046
2. Accompanied by: **See exam notes from 9/20/00 exam in backfile**
3. **SOURCE:**
SPRING
- TRIBUTARY:**
SCHWEITZER CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 96-7127, 96-8413, 96-8725, 96-9015 and 96-9129
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

SPRING NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, Twp 58N, Rge 02W, B.M. BONNER County

Method of Determination: DEQ had a GPS location of the spring that was used to license spring.

2.

- ☒ 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

E. FLOW

Additional Computation Sheets Attached

CALCULATIONS

Measured Method: SEE FIELD EXAM NOTES FROM 9/20/00 FIELD EXAM IN BACKFILE.

F. VOLUME CALCULATIONS

2. Volume Calculations for Other Uses: SEE ATTACHED FIELD EXAM NOTES IN BACKFILE.

G. NARRATIVE/REMARKS/COMMENTS

IDWR field examiner Wayne Baldwin performed exam on this permit during the summer of 2000. In his field exam report he said the flow rate from spring was 0.17 cfs or 76 gpm. He also wrote down annual volumes for the hotel, restaurant, and 197 condos with an overall annual volume of 123.7 acre feet. The State Office returned this file to the Northern Office because a re-examine had been performed on Permit 96-8725 in 2016. This file had a measurement, annual volume and a recommendation to be changed from commercial and domestic to municipal the same as 96-8725. There was some uncertainty about how the spring source fed into water system. Because I performed a re-examine of 96-8725 the State Office felt I had enough information to license this permit as well.

Resort Water Co Inc's engineer, Scott McNee, was asked if he could find any schematics showing how the spring (which is only used as a backup source) was connected with the system. On March 8, 2017, Scott emailed a schematic he found showing how the well source was piped and connected to system. With the system diagram, IDWR could proceed in licensing this permit. An amendment will be sent out to change the use from domestic and commercial to municipal. Because of this amendment, an annual volume will be put on the license of 123.0 acre feet.

There were no photos from the 2000 exam and because I did not know about this file until after my re-examine of 96-8725 I did not take any photos of spring. IDWR will use GPS from Idaho Department of Environmental Quality for the exact location of the spring. Photos of storage tanks where connection from spring to system is located will be attached. Various other pictures of where water is used will also be attached. The spring connected to the system that fed 3 reservoirs with a total storage capacity of 300,000 gallons.

An overlap condition will be added to account for surface water rights that are now used as a backup sources for the system as well as primary groundwater rights. Because the system capacity is known from water right 96-9129, the overlap for all rights will be limited to that. That overlap will be as follows; 96-7127, 96-8413, 96-8428, 96-8725 96-9015, and 96-9129 when combined cannot exceed 0.62 cfs with an annual volume of 449 af.

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>
MUNICIPAL	01/01 to 12/31	0.17 CFS	123.0 AF
	<u>Totals:</u>	0.170 CFS	123.00 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 ☐ None

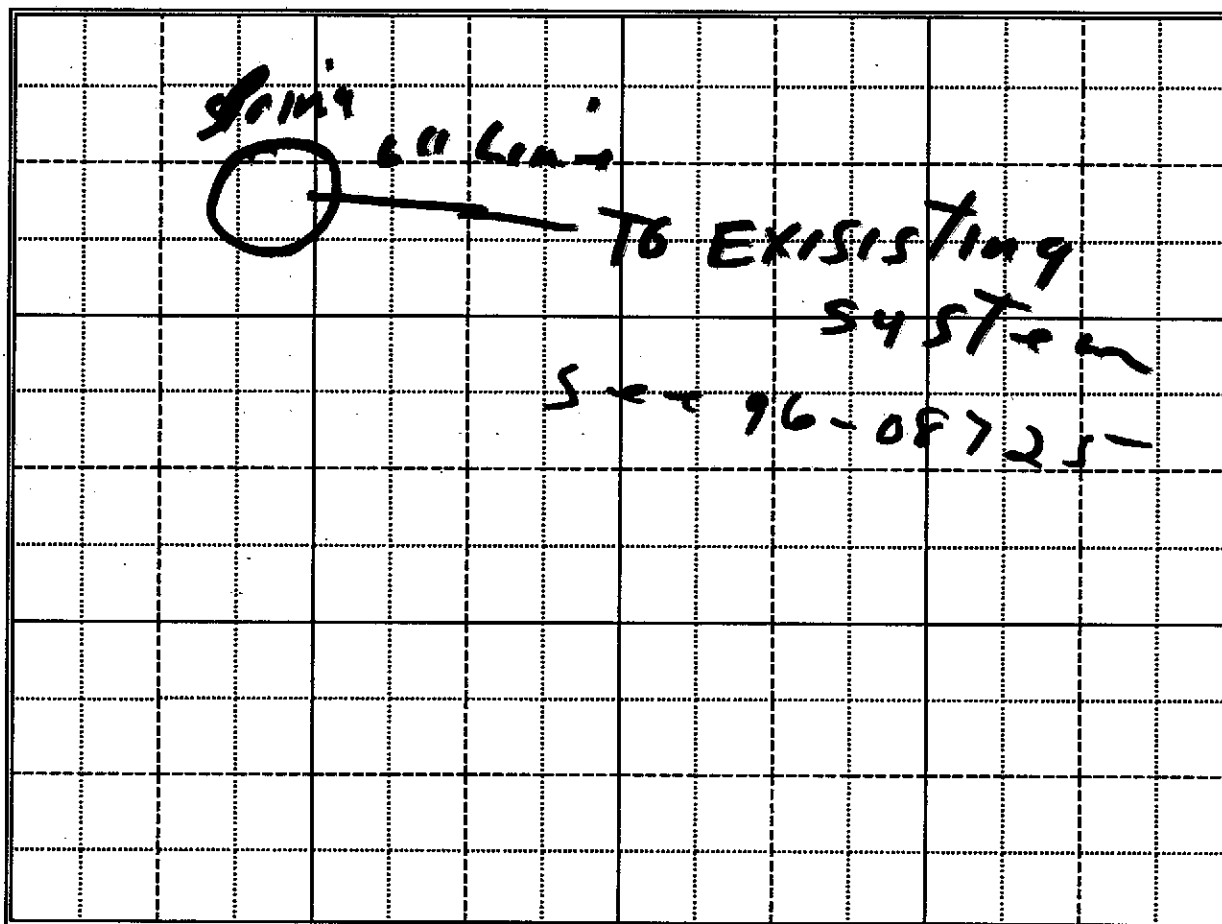
I. AUTHENTICATION

Field Examiner's Name Adam Finkbein Date 4-5-2017

Reviewer Morgan Case Date 4/11/2017

[illegible]

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

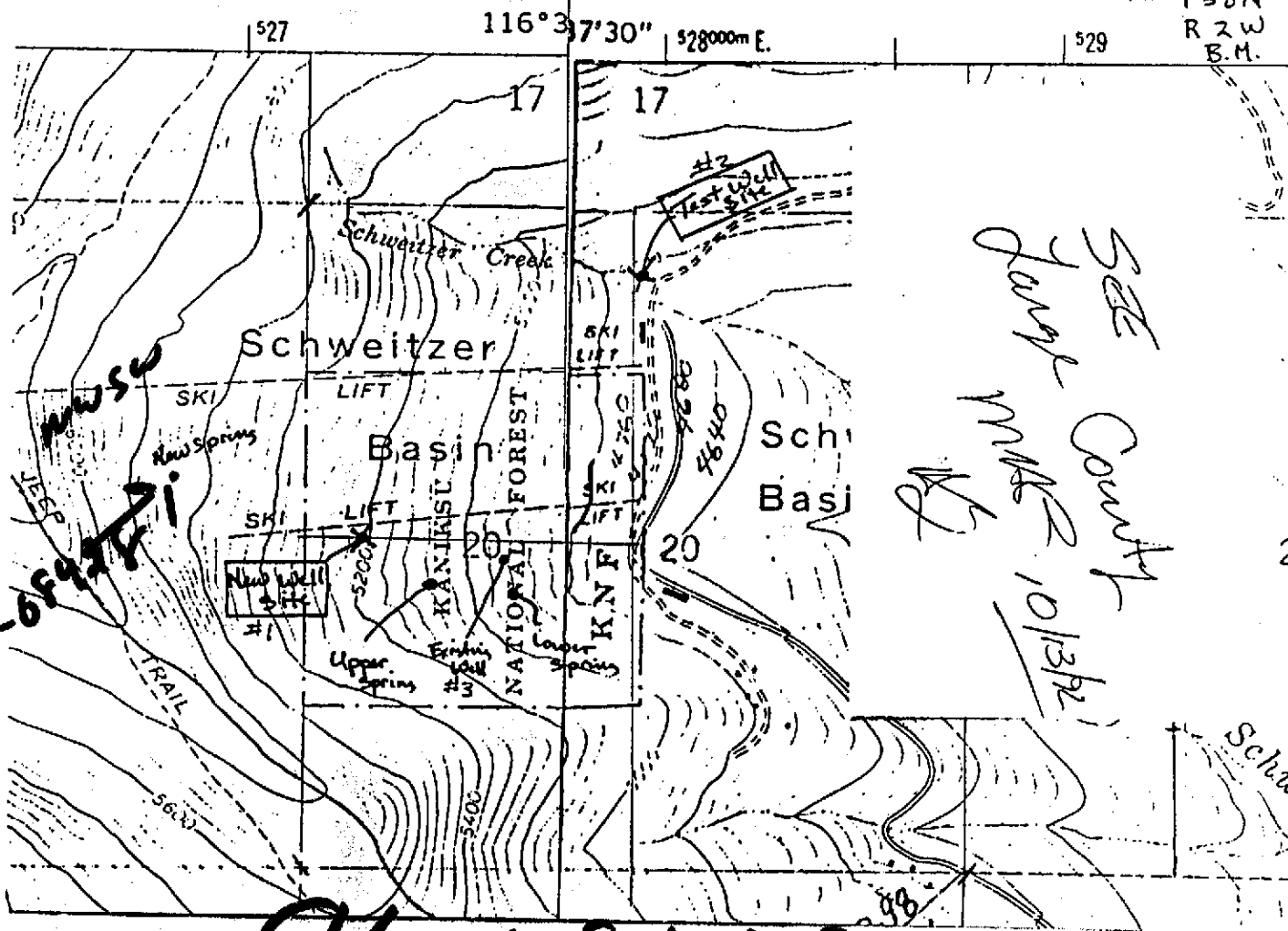
1.

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

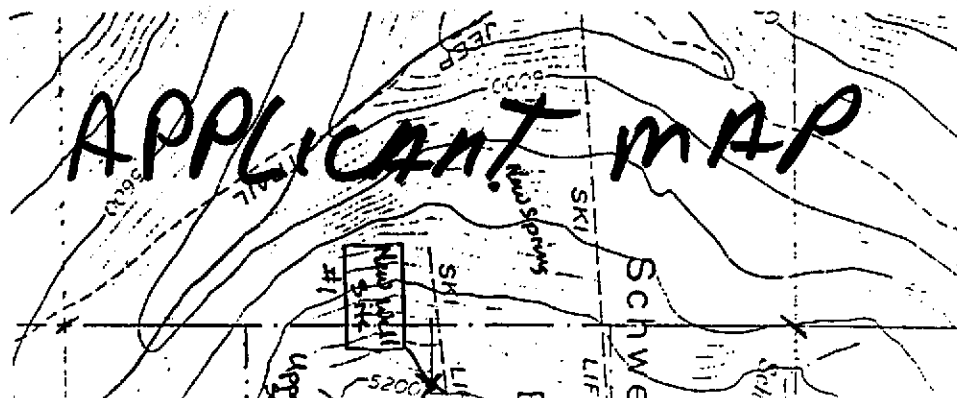
2. Measurements: _____

FORK GAP QUADRANGLE
IDAHO-BONNER CO.
TE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

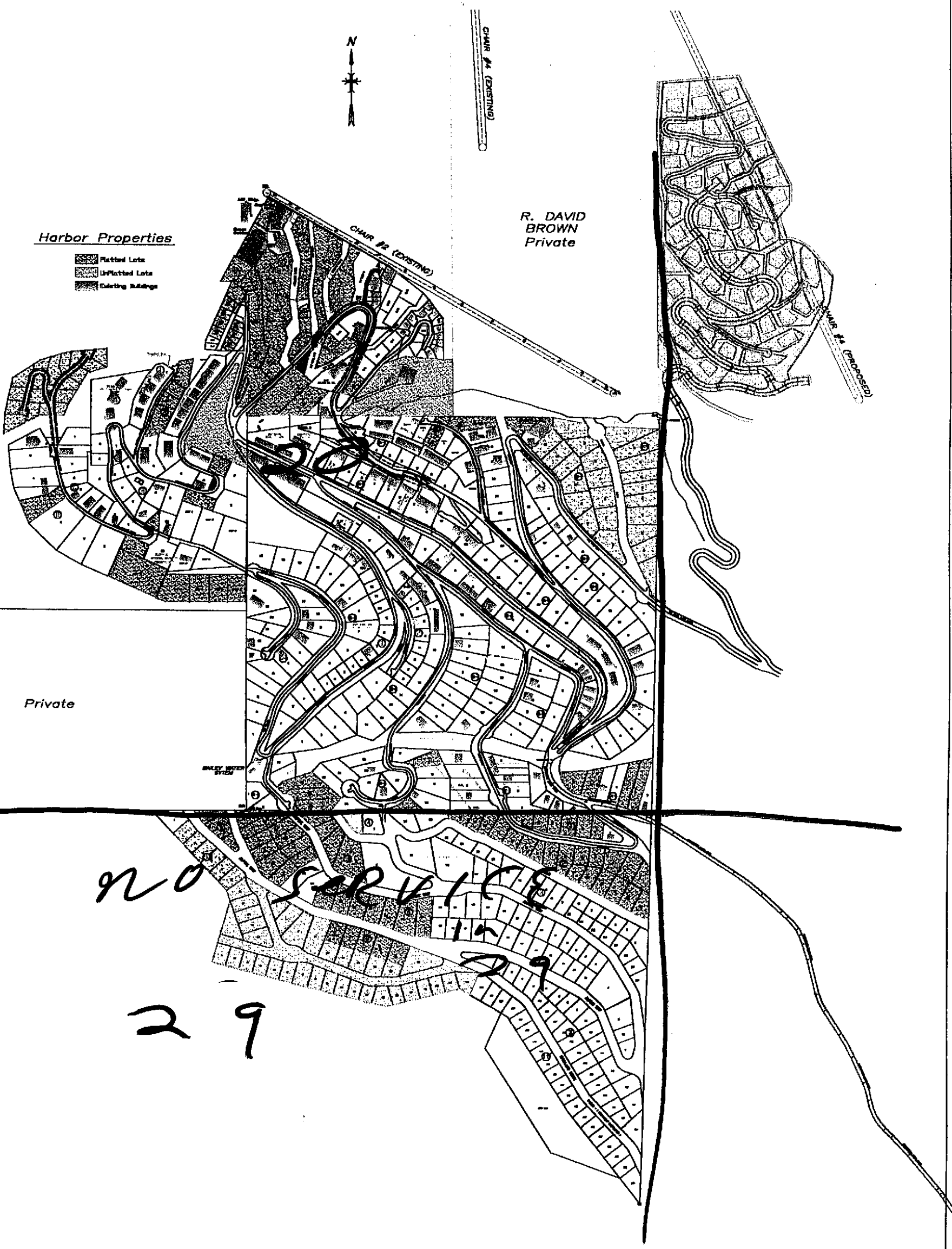


96-08425



FORK GAP QUAT
IDAHO-BONNER CC
TE SERIES (TOPOC

SCHWEITZER MOUNTAIN RESORT



E. NARRATIVE/REMARKS/COMMENTS

Commercial use is for hotel, bar & restaurant
197 condos is domestic

This is a supplement to existing
system see 96-08725

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

75 gpm Taken from water measurement study

$$\frac{75 \times 1.33681}{60} = 0.17$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: Hotel 41 Rooms 60 gpd x 41 rooms x 365 = 2.8 AF
 197 Condos @ 6 118.2 AF
 Restaurant & bar 12 gpc x 200 x 365 = 2.7 AF

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Commercial	01-01	12-31	0.17	50.5
Domestic	01-01	12-31	0.17	118.2

Totals: 0.17 123.7

when combined with 96-08725
 not to exceed these figures

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 Saldivar Date 10-12-00

Reviewer _____ Date _____

SEAL



FIELD EXAM PHOTOS FOR 96-8428

Photos were taken during re-exam for 96-8725



Reservoir next to where system pipes connect from wells and springs.



View of resort.





Frederick, Adam

From: McNee, Scott <smcnee@to-engineers.com>
Sent: Wednesday, March 08, 2017 9:00 AM
To: Frederick, Adam
Cc: Trulock, Tom (ttrulock@schweitzer.com)
Subject: RE: Schweitzer Wells
Attachments: Piping Plan JUB.pdf

Hi Adam:

I came across the attached in my files showing the piping layout from the two spring sources. I believe what is labeled as the "Upper Spring" is Water Right 96-8428 and the "Lower Spring" is 96-8413.

SCOTT McNEE, PE | *Project Manager*



T-O ENGINEERS

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www.to-engineers.com



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From: Frederick, Adam [mailto:Adam.Frederick@idwr.idaho.gov]
Sent: Wednesday, February 22, 2017 9:46 AM
To: McNee, Scott
Subject: RE: Schweitzer Wells

Scott,

Thanks for the well diagram, got that amendment sent out. Any luck on information for the spring?

Thanks for your help

Adam

From: McNee, Scott [mailto:smcnee@to-engineers.com]
Sent: Wednesday, February 08, 2017 11:03 AM
To: Frederick, Adam <Adam.Frederick@idwr.idaho.gov>
Cc: Trulock, Tom (ttrulock@schweitzer.com) <ttrulock@schweitzer.com>
Subject: Schweitzer Wells

Adam:

The attached record drawing shows how Wells #4, #5 and #6 are connected. I am working on getting information on the Springs.

SCOTT McNEE, PE | *Project Manager*



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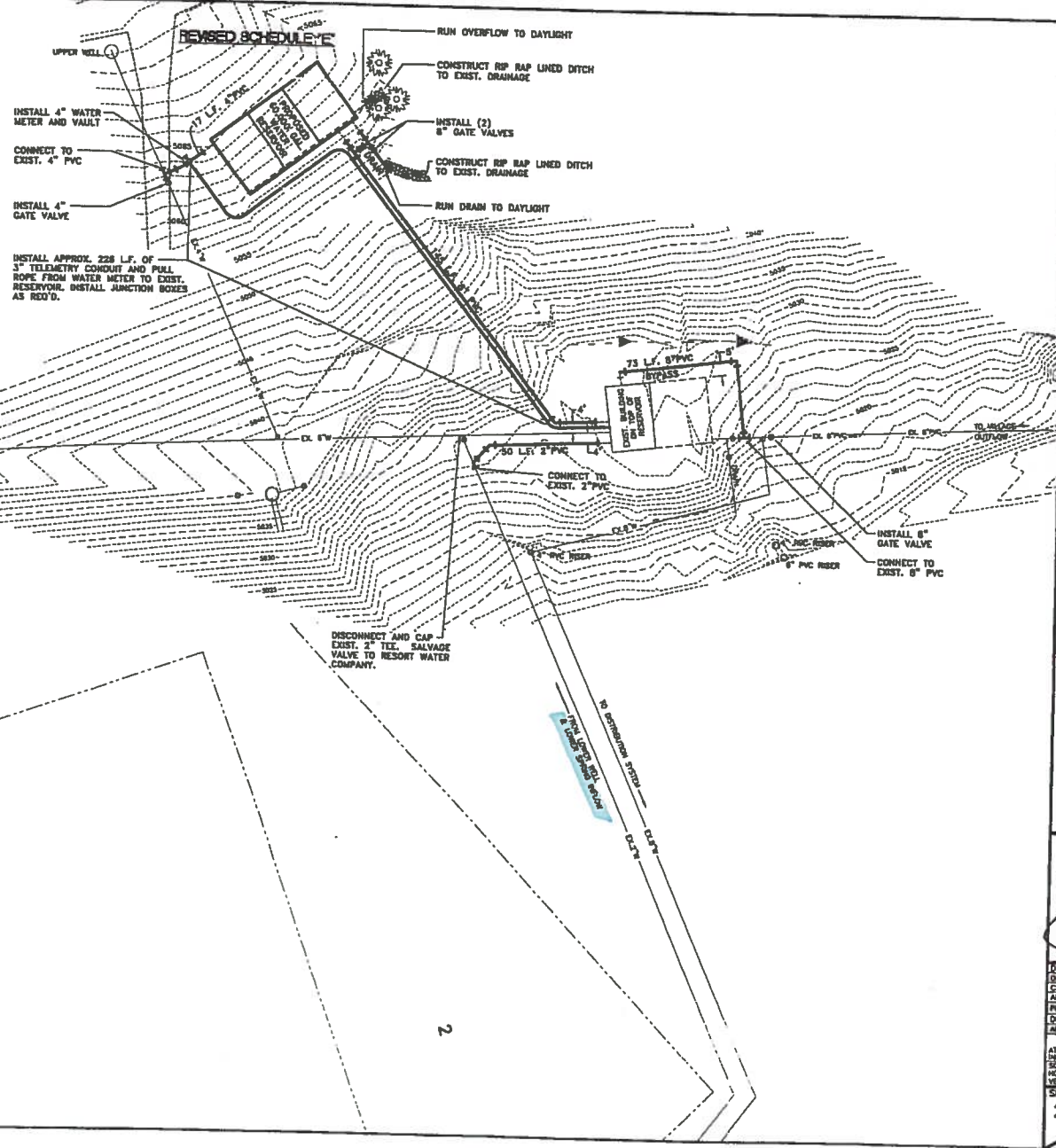
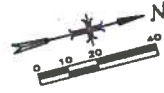
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RECEIVED

MAR 08 2017

IDWR/NORTHERN

ATTACHMENT



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	REVISION
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PROJECT NO. 20465 DRAWING NO. 20465-01 SHEET NO. 2 OF 4	

Frederick, Adam

From: Anna.Moody@deq.idaho.gov
Sent: Wednesday, February 08, 2017 8:31 AM
To: Frederick, Adam
Subject: RE: Resort Water

There is a history here. Resort Water Company was assumed in to the Schweitzer Mountain Resort PWS, but Schweitzer Mountain Resort PWS is reportedly owned by Resort Water Co. They have 3 active wells, the springs are not currently providing for the PWS, but presumably is a back-up.

Anna Moody
Drinking Water Program Supervisor
Idaho Department of Environmental Quality

From: Frederick, Adam [mailto:Adam.Frederick@idwr.idaho.gov]
Sent: Wednesday, February 08, 2017 7:09 AM
To: Anna Moody
Subject: RE: Resort Water

Anna,

So I looked at a previous license with the ID 1090123 in the name of Resort Water Company Inc. Tom Trulock is my contact for the permits. It seems a little weird that all of their water rights are in the name of Resort Water Company Inc. but your ID is associated with Schweitzer Mountain Resort. I did an exam for the 3 wells on the system, then the state office sprung a permit from the 90's from a spring on me. I was just curious on the relationship between the spring and groundwater source and if the spring is still approved to be used as a backup. I guess I will have to go reexamine the spring permit even though it was examined in 2002.

From: Anna.Moody@deq.idaho.gov [mailto:Anna.Moody@deq.idaho.gov]
Sent: Tuesday, February 07, 2017 4:22 PM
To: Frederick, Adam <Adam.Frederick@idwr.idaho.gov>
Subject: Resort Water

Hey Adam,

Just touching base with you again. Resort water has been inactive for some time and I believe was assumed under Schweitzer Mountain. Can you give me more information on the source you are reviewing and the owner of the water right?

Thanks,
Anna

Anna Moody
Drinking Water Program Supervisor
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