

JAN 18 2007

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

DEPARTMENT OF WATER RESOURCES

95-08794

A. GENERAL INFORMATION

Permit No. _____

1. Owner: Coeur D'Alene School District Phone No. (208) 664-8241

Current Address: 311 N. Tenth St. Coeur d'Alene Id. 83814 #271

2. Accompanied by: Bryan Martin EXAM DATE: 9/29/06

Address: 450 W. Park Ave. Bem O'Alene Id 83814 Phone No. (208) 664-8995

Relationship to Permit Holder: Maintenance director

3 Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2 Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

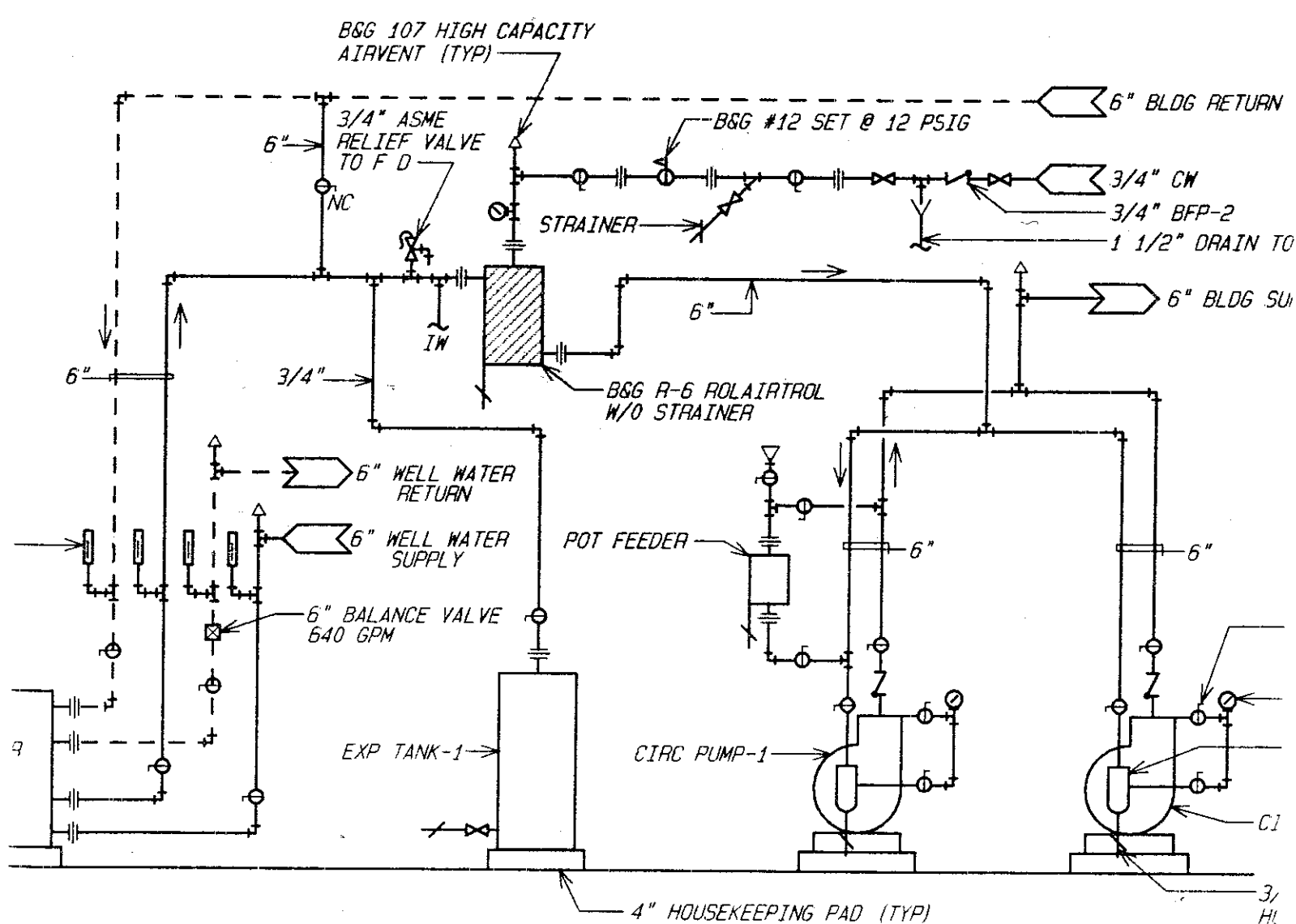
1. Point(s) of Diversion:

[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[illegible]



T PUMP LOOP PIPING DIAGRAM

N T S

#1	40	FN4103	Sub	6"
#2		FN4103	Sub	6"

*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

02-08-10

2. Measurements:

95-8794

T51N R4W Section 34



Place of Use



Point of Diversion





Recharge
well in
Background

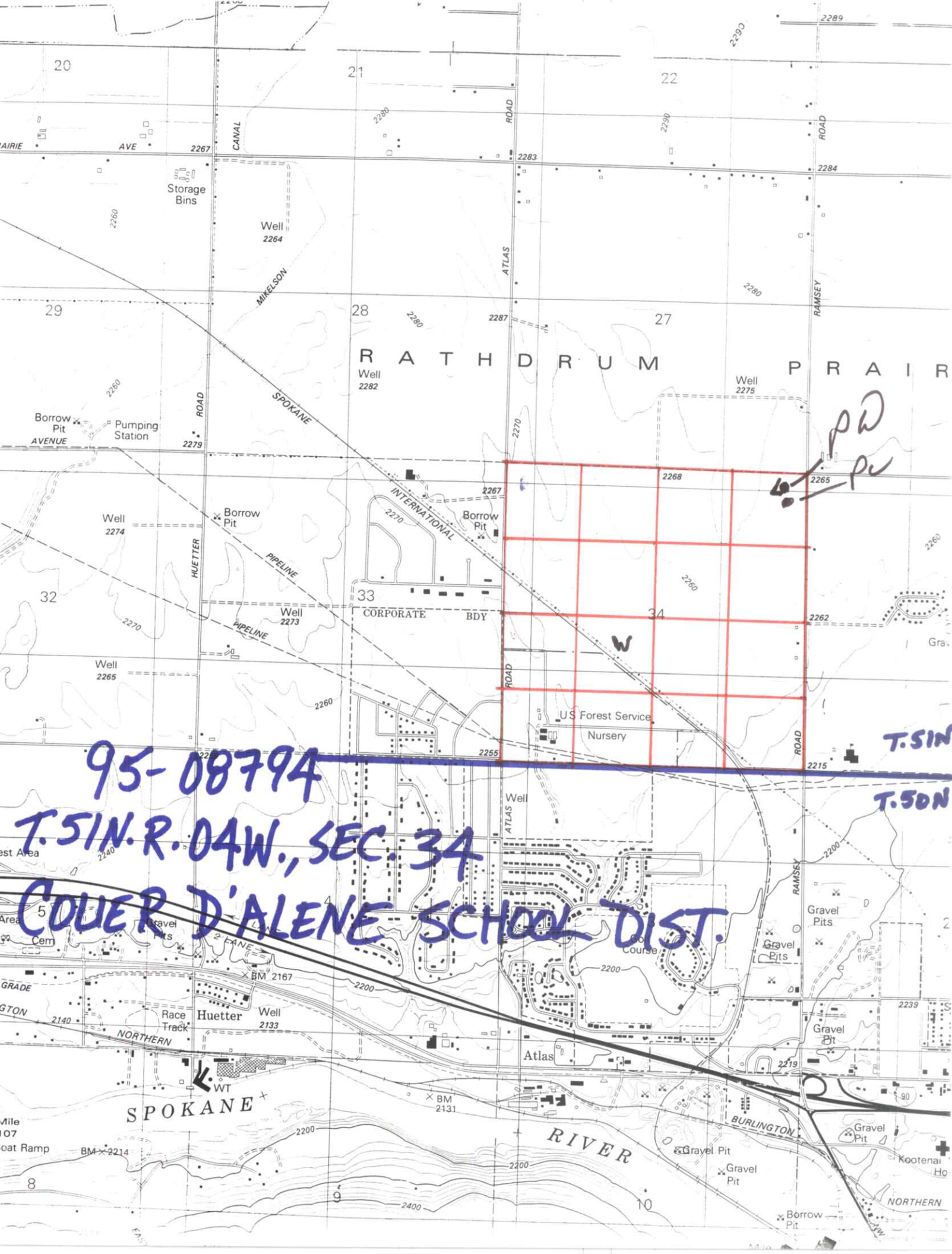
AD in
foreground



flowmeter
(supply)



Pump House



95-08794

T.5IN. R. 04W., SEC. 34

COLEER D'ALENE SCHOOL DIST.

PD
PC

T.5IN

T.5DN

Blank lined paper with horizontal ruling lines.

MEMORANDUM

Date: January 08, 2007
To: Water Right File 95-8794
From: gtaylor
Re: Field Report Narrative

1. Diversion rate is limited to the 0.85 cfs submitted for Proof of Beneficial Use

2. Diversion volume calculated by:

Heating 0.85 cfs(200days)18 hrs/24 hrs or (75%)(1.9835)=252.9=253

Cooling 0.85 cfs(165days)18 hrs/24 hrs or (75%)(1.9835)=208.6=209

462 af

Additional Computation Sheets Attached

Flow meter 640 gpm

$$\frac{640 \times 1.33681}{60} = 1.425 = 1.43$$

Limit to .85cfs by Proof
of B.U.

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{10cm}}$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

Calculations for Other Uses:

Heating: $.85 \text{ cfs (200 days)} \times 18 \text{ hrs/24 hrs} \times 1.9835 = 252.9 = 253$

cooling. $.85 \text{ cfb} (165 \text{ days}) \left(\frac{18 \text{ hrs}}{24 \text{ hrs}} \right) (1.1835 - 208.6) = 209$
462 AF

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa) 253
	From	To		
~~Heating & Cooling~~	~~01-01~~	~~12-31~~	~~1.43 - .85~~	~~Non-Conservative~~
Cooling	1-1	12-31	.85	209
Totals:			.85	462

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 Alvin Salazar Date 9-29-06

Reviewer Greg Taylor Date 1-8-07

SEAL