

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

SEP 30 2002

Department of Water Resources

CORRECTED REPORT

A. GENERAL INFORMATION

Permit No. 95-09028

1. Owner: School District No 271 Phone No. (208) 664-8241

Current Address: 311 N. 10th St. Coeur D Alene Id. 83814

2. Accompanied by Bryan Martin EXAM DATE: 8-15-02

Address: Same as above Phone No. _____

Relationship to Permit Holder: Employee

3. Source: Ground Water 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:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SE	SW	27	51N	04W	Kootenai	USGS 7.5 min Quad

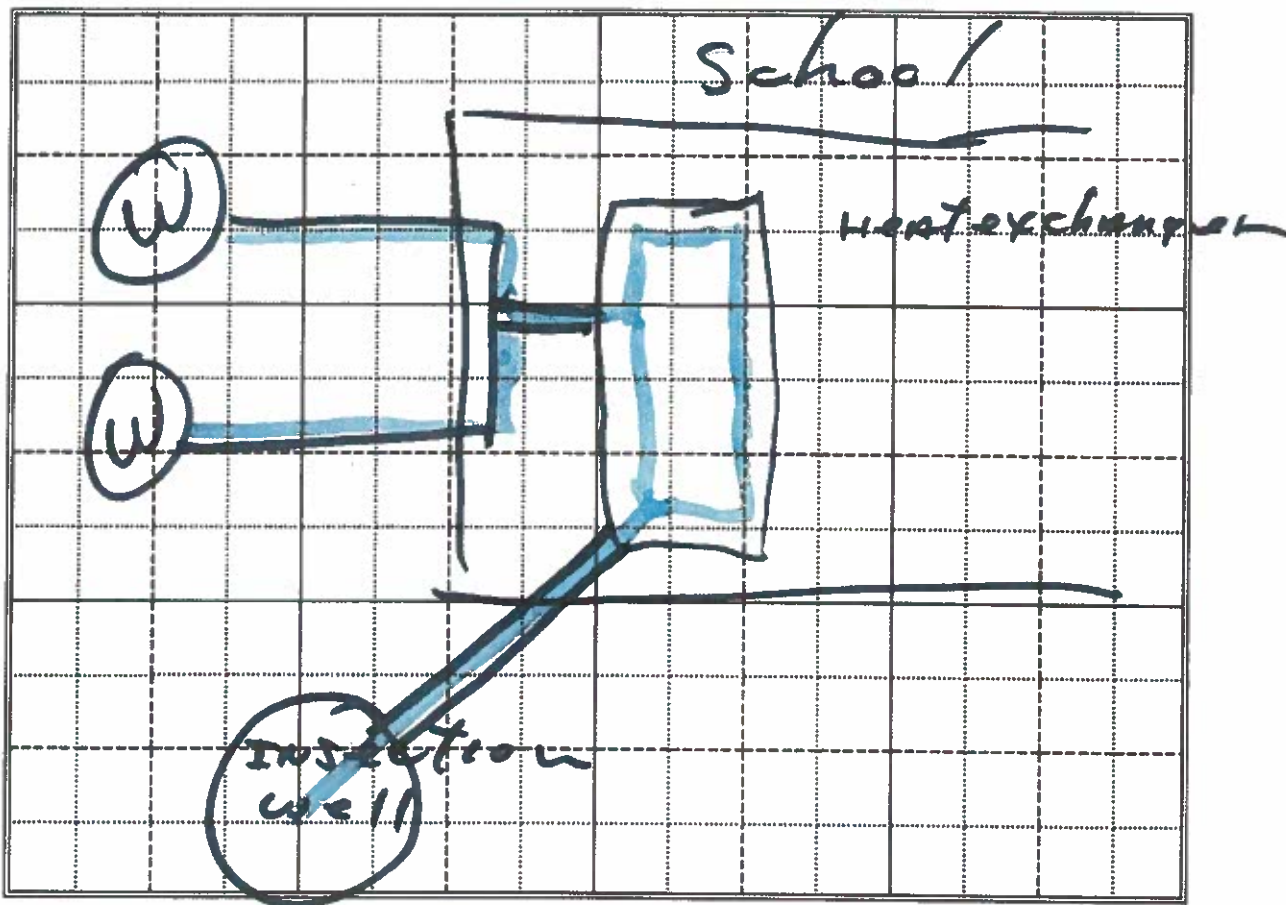
2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
51N	04W	27												H					
														C					

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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	model Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
2	Grundfos	25	230525-0-7	Sub	

*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: _____

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E. NARRATIVE/REMARKS/COMMENTS

Conductor #4 for a measuring device

There was no way to measure this
direction. No flow meter in line
and what piping that is exposed is
not suitable to use ultrasonic meter.
So the rates shown are rates that
were given to school district by the
contractor who installed system.

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

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Measured Method:

Additional Computation Sheets Attached

Additional Computation Sheets Attached
From Impletors (see narrative)

230 gpm each well

x d

$$460 \text{ ppm} \times 1.33681 = 615.73$$

60

1025

1. Volume Calculations for Irrigation:

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

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

$$V = \text{Smaller of } V_{LB} \text{ and } V_{DB} =$$

2. Volume Calculations for Other Uses:

Heating $(1.0 \text{ CFS}) \times (200 \text{ days}) \times 18 \text{ hrs}^{0.75} / 24 \text{ hrs} \times (1.9835) = 297.52$
 $= 298$

Shane M. Mafey

$$\text{Cooling } (1.0 \text{ CFS}) \times (165 \text{ days}) \times \frac{(0.75)}{18 \text{ hrs} / 24 \text{ hrs}} \times (1.9835) = 245.45$$

H. RECOMMENDATIONS

Heating systems App. Proc. Memo #23

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
Heating	01-01	12-31	/	298.
Cooling	01-01	12-31	/	246.
Totals:			/	544

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 Harold Alden Date 9-26-02

Reviewer [Signature] Date 7/1/8

SEAL

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95-9028 Skyway POD Hot & Cold Wells.jpg

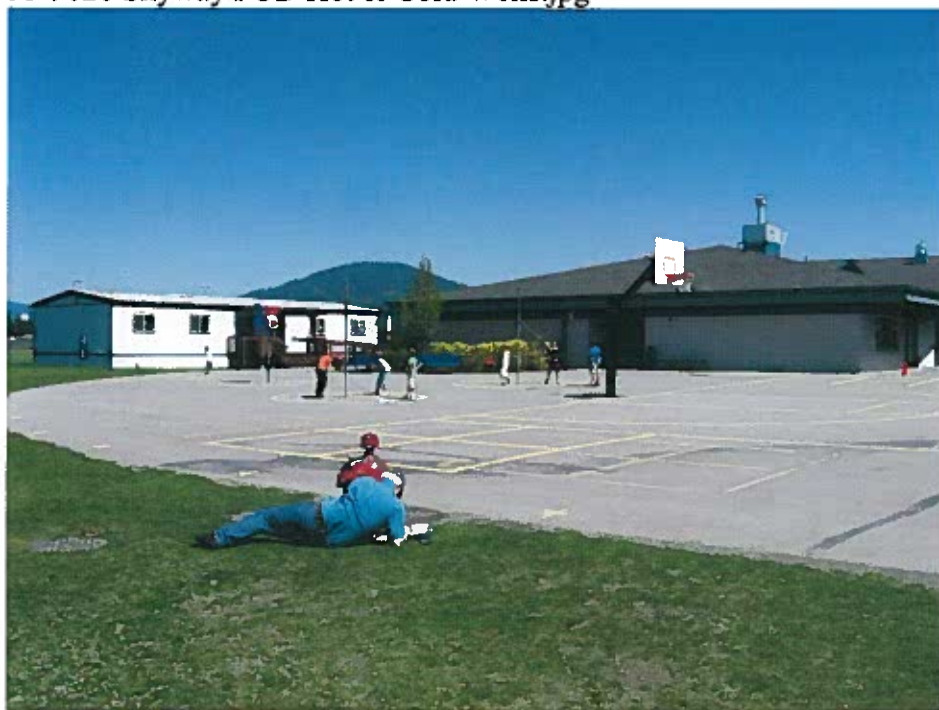


95-9028 Skyway POU & Injection Well.JPG

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95-9028 Skyway POD Hot & Cold Wells.jpg



95-9028 Skyway POU and Injection Well.jpg

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USGS
7.5'
Topographic
Quadrangle
'Coeur d'Alene'
(F4)

RATHDRUM

PRAIRIE

Dalton
Gardens

3 Wells
POD
POU

CORPORATE

BDY

US Forest Service
Nursery

Well

Atlas

RIVER

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BURLINGTON

Kootenai Mem Hospital

Coeur d'Alene High Sch

County Fairgrounds

Drive-in Theater

Trailer Park

Borrow Pit

Bestian Cen

BEST

Mile 110

BLAC

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