

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT
Revised Report

RECEIVED

SEP 30 2002

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 95-08964
1. Owner: School District # 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

- Other water rights with the same place of use: _____
- 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
		NW	SE		34	51N	04W	footwall	USGS 7.5 min Quad

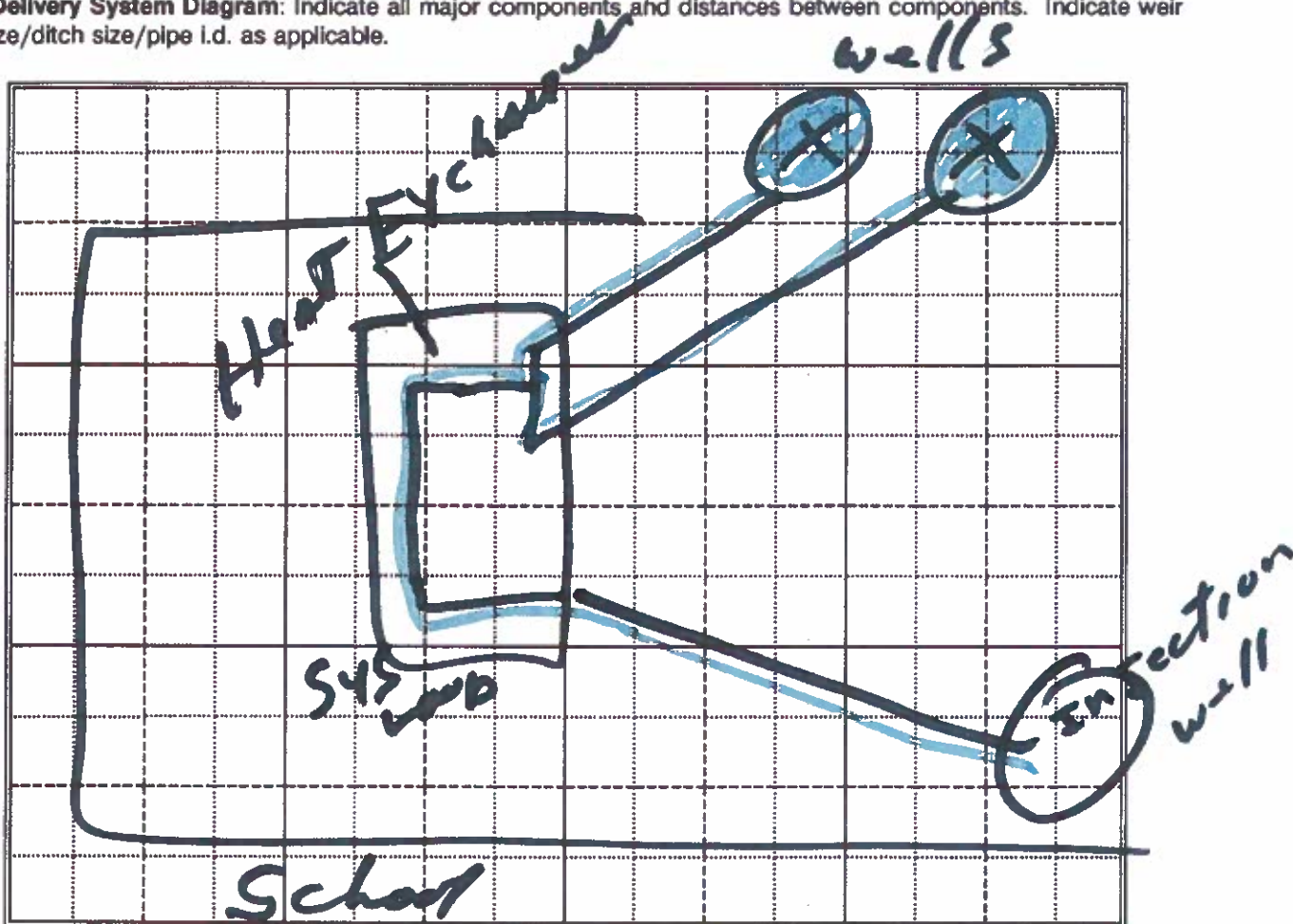
2. Place(s) of Use:

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	34														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	mod. Motor-Serial No.	Pump Make	Pump Serial No. or Discharge Size
2 →	Goolds	30	7CLC	Goold	

*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 No. 4

No measuring device has been installed.
What piping that is exposed is not
suitable to use poly. sonic meter.
Therefore rates used in this exam
are ones provided to school dist. by
contractors who installed them.

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

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F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

$$\begin{array}{r} 230 \text{ gpm each well} \\ \times 2 \\ \hline 460 \text{ gpm} \times .133681 = 1 \text{ cfs} \\ \hline 60 \end{array}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{LR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{LR} \text{ and } V_{DR} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

$$\text{Heating } 1.0 \text{ cfs } (200 \text{ days}) \times 18 \text{ hrs/24 hrs} \times (1.9835) = 297.52$$

4m

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

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Heating	01/01	12-31	1	298
Cooling	01/01	12-31	1	246
Totals:			1	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 Wayne Baldwin Date 9-26-02

Reviewer [Signature] Date 6/30/8

SEAL

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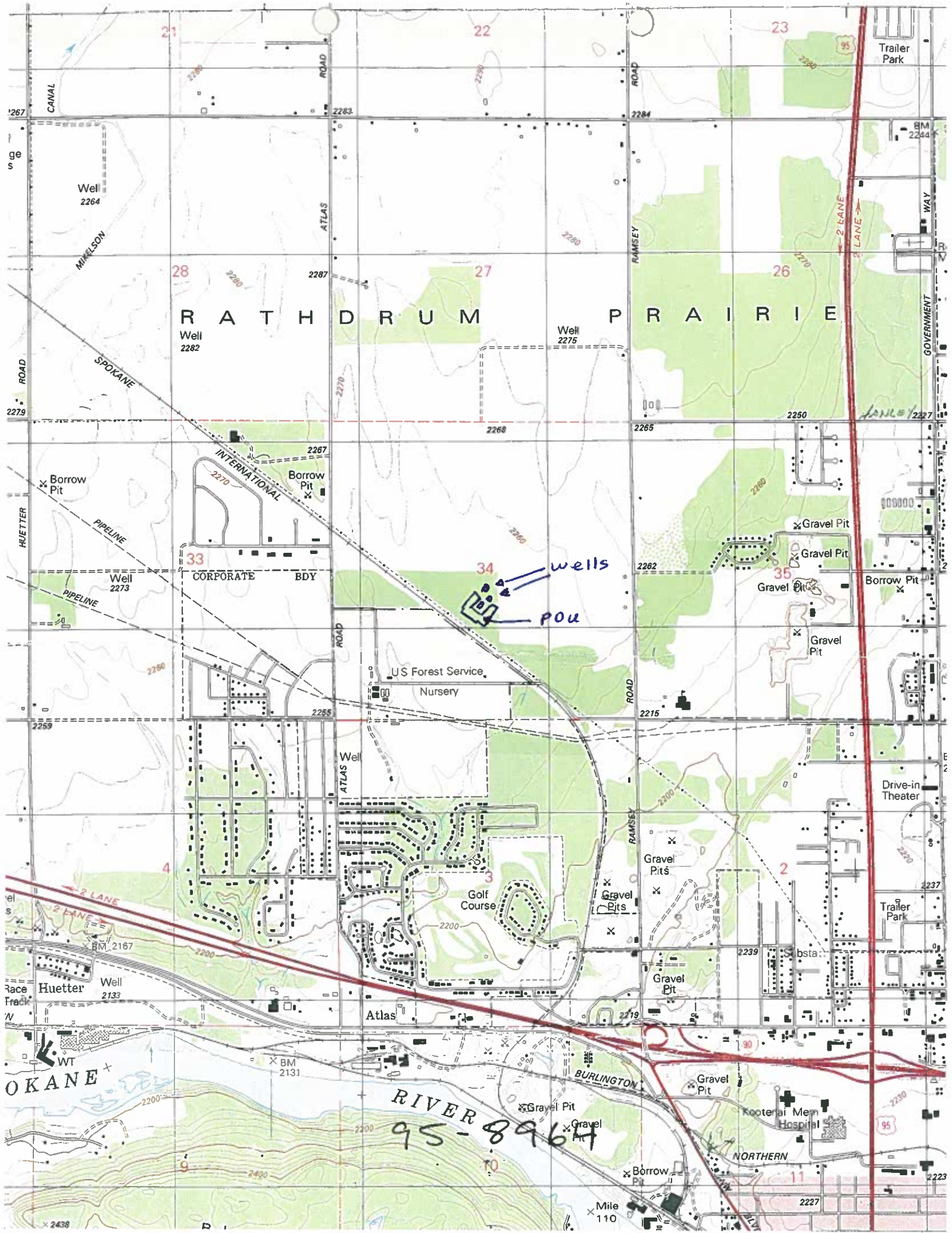
95-8964 Injection well

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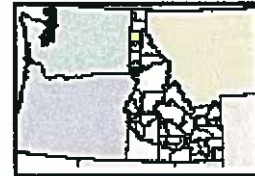


RATHDRUM PRAIRIE

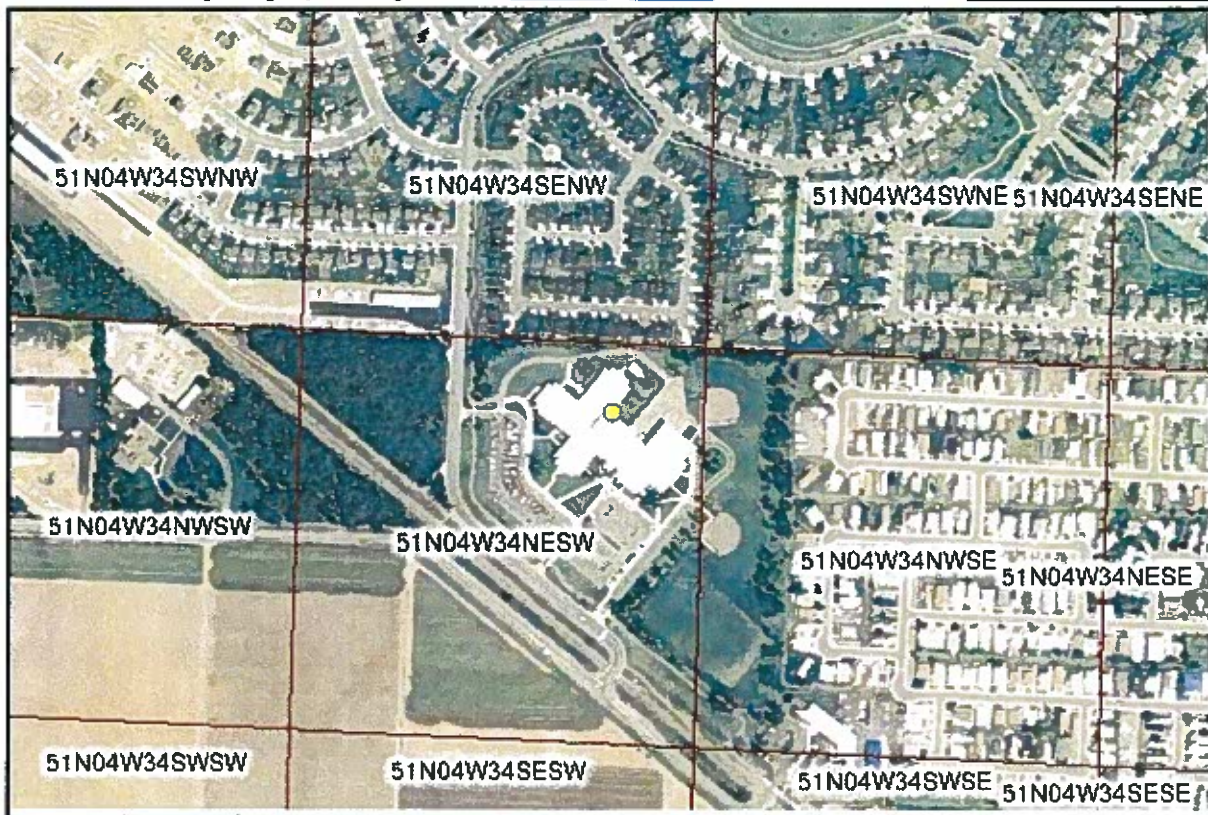
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1 Mile

The lat/long you provided was 47° 43' 20.100" N; 116° 49' 12.800" W
Here are the results:
NE quarter of the **SW** quarter of Section 34, Township 51N, Range 04W
 IDTM NAD83 coordinates: Easting=2288505; Northing=1839507



Choose the map-display background:



☐ Wells ☐ Water Rights ☐ Water Right Permits ☐ Adjudication Claims ☐ Adjudication Recommendations

* Positions of wells/headgates may be based upon the center of a quarter-quarter section; those obtained by GPS or survey are accurate.

	Lat. 20.100	Long.
Well 1	47° 43' 20.100 N	116° 49' 12.800
Well 2	47° 43' 20.200 N	116° 49' 12.700
Injection Well	47° 43' 21.100 N	116° 49' 12.000

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WELL DRILLER'S REPORT

097113

Office Use Only
Inspected by
Twp SIN Rge 4W Sec. 34
1/4 NE 1/4 SW 1/4
Lat. 47 43 21 Long. : :

(Sign Once if Firm Official and Operator)

NWSE 34 51N 4W

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