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IDWR/NORTHERN

Ident. No. 95-15434

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

1. Name: KOOTENAI COUNTY SOLID WASTE
3650 N RAMSEY RD
COEUR D ALENE ID 83815
(208) 446-1430

2. Source: GROUND WATER
GROUNDWATER
RUNNOFF Tributary to: SINKS

3. Location of Point of Diversion:

#1	GROUND WATER KOOTENAI County	NW1/4SE1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#2	GROUND WATER KOOTENAI County	NE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#3	RUNNOFF KOOTENAI County	NE1/4NE1/4	Sec. 11, Twp 48N, Rge 05W, B.M.
#4	RUNNOFF KOOTENAI County	SW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#5	RUNNOFF KOOTENAI County	SW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#6	RUNNOFF KOOTENAI County	SW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#7	RUNNOFF KOOTENAI County	SE1/4SE1/4	Sec. 2, Twp 48N, Rge 05W, B.M.
#8	RUNNOFF KOOTENAI County	SE1/4SE1/4	Sec. 2, Twp 48N, Rge 05W, B.M.
#9	RUNNOFF KOOTENAI County	SE1/4SE1/4	Sec. 2, Twp 48N, Rge 05W, B.M.
#10	RUNNOFF KOOTENAI County	NE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#11	RUNNOFF KOOTENAI County	NE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#12	RUNNOFF KOOTENAI County	NE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#13	RUNNOFF KOOTENAI County	NE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.

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#14 RUNOFF KOOTENAI County	NW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#15 RUNOFF KOOTENAI County	NW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#16 RUNOFF KOOTENAI County	NW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#17 RUNOFF KOOTENAI County	NW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#18 RUNOFF KOOTENAI County	SW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#19 RUNOFF KOOTENAI County	SE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#20 RUNOFF KOOTENAI County	SE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#21 RUNOFF KOOTENAI County	SE1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#22 RUNOFF KOOTENAI County	SW1/4NE1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#23 RUNOFF KOOTENAI County	SW1/4NE1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#24 RUNOFF KOOTENAI County	SW1/4NE1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#25 RUNOFF KOOTENAI County	SE1/4NW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#26 RUNOFF KOOTENAI County	NW1/4SW1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#27 GROUND WATER KOOTENAI County	NW1/4SE1/4	Sec. 1, Twp 48N, Rge 05W, B.M.
#28 GROUNDWATER KOOTENAI County	NE1/4NE1/4	Sec. 11, Twp 48N, Rge 05W, B.M.

4. Water will be used for the following purposes:

<u>Purpose</u>	<u>From</u>	<u>To</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
FIRE PROTECTION STORAGE	01/01	to 12/31		200.0 AF
WILDLIFE STORAGE	01/01	to 12/31		100.0 AF
INDUSTRIAL	01/01	to 12/31	1.00 CFS	
INDUSTRIAL STORAGE	01/01	to 12/31		200.0 AF

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INDUSTRIAL FROM STORAGE	01/01 to 12/31		200.0 AF
IRRIGATION	03/15 to 10/31	1.00 CFS	
IRRIGATION STORAGE	03/15 to 10/31		200.0 AF
IRRIGATION FROM STORAGE	03/15 to 10/31		200.0 AF
STOCKWATER	01/01 to 12/31	0.02 CFS	
STOCKWATER STORAGE	01/01 to 12/31		2.0 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.7 AF
FIRE PROTECTION	01/01 to 12/31	1.00 CFS	
5. Total quantity to be appropriated is:	1.00 CFS		200.0 AF

6. Proposed diverting works:

POINT OF DIVERSION #1

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #2

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #3

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #4

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #5

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #6

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #7

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #8

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #9

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #10

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #11

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #12

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
 Active reservoir capacity _____ acre-feet;
 Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
 Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
 Drilling Firm _____;
 Drilling Permit No. _____.

POINT OF DIVERSION #13

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
 Active reservoir capacity _____ acre-feet;
 Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
 Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
 Drilling Firm _____;
 Drilling Permit No. _____.

POINT OF DIVERSION #14

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
 Active reservoir capacity _____ acre-feet;
 Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
 Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
 Drilling Firm _____;
 Drilling Permit No. _____.

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POINT OF DIVERSION #15

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #16

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #17

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #18

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #19

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #20

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #21

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #22

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #23

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #24

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #25

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #26

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

To appropriate the public water of the State of Idaho

[illegible]

To appropriate the public water of the State of Idaho

[illegible][illegible][illegible][illegible]

STATE OF IDAHO
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PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 05W 1		18.0	15.0		40.0	40.0	40.0	40.0	30.0	32.0	35.0	25.0		4.0			319.0
48N 05W 2													38.0			38.0	76.0
48N 05W 11	36.0																36.0
48N 05W 12					23.0												23.0

Total Acres: 454

PLACE OF USE: IRRIGATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 05W 1			X					X	X	X	X	X					
48N 05W 2																X	

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 05W 1		18.0	15.0		40.0	40.0	40.0	40.0	30.0	32.0	35.0	25.0		4.0			319.0
48N 05W 2													38.0			38.0	76.0
48N 05W 11	36.0				23.0												59.0

Total Acres: 454

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PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 05W 2													X	X	X	X	
48N 05W 11	X L 1	X L 2		X L 8													
48N 05W 12							X L 4										

PLACE OF USE: STOCKWATER STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 05W 11	X																

PLACE OF USE: STOCKWATER FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 05W 11	X																

PLACE OF USE: FIRE PROTECTION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 05W 1		X L 2	X		X L 3	X L 4	X	X	X L 3	X L 4	X	X		X			
48N 05W 2				X									X	X	X	X	
48N 05W 11	X L 1	X L 2		X L 8													
48N 05W 12					X L 3	X L 4											

9a. Who owns the property at the point of diversion? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

9b. Who owns the land to be irrigated or place of use? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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10. Remarks:

11. Map of proposed point of diversion and place of use attached? ☐

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.



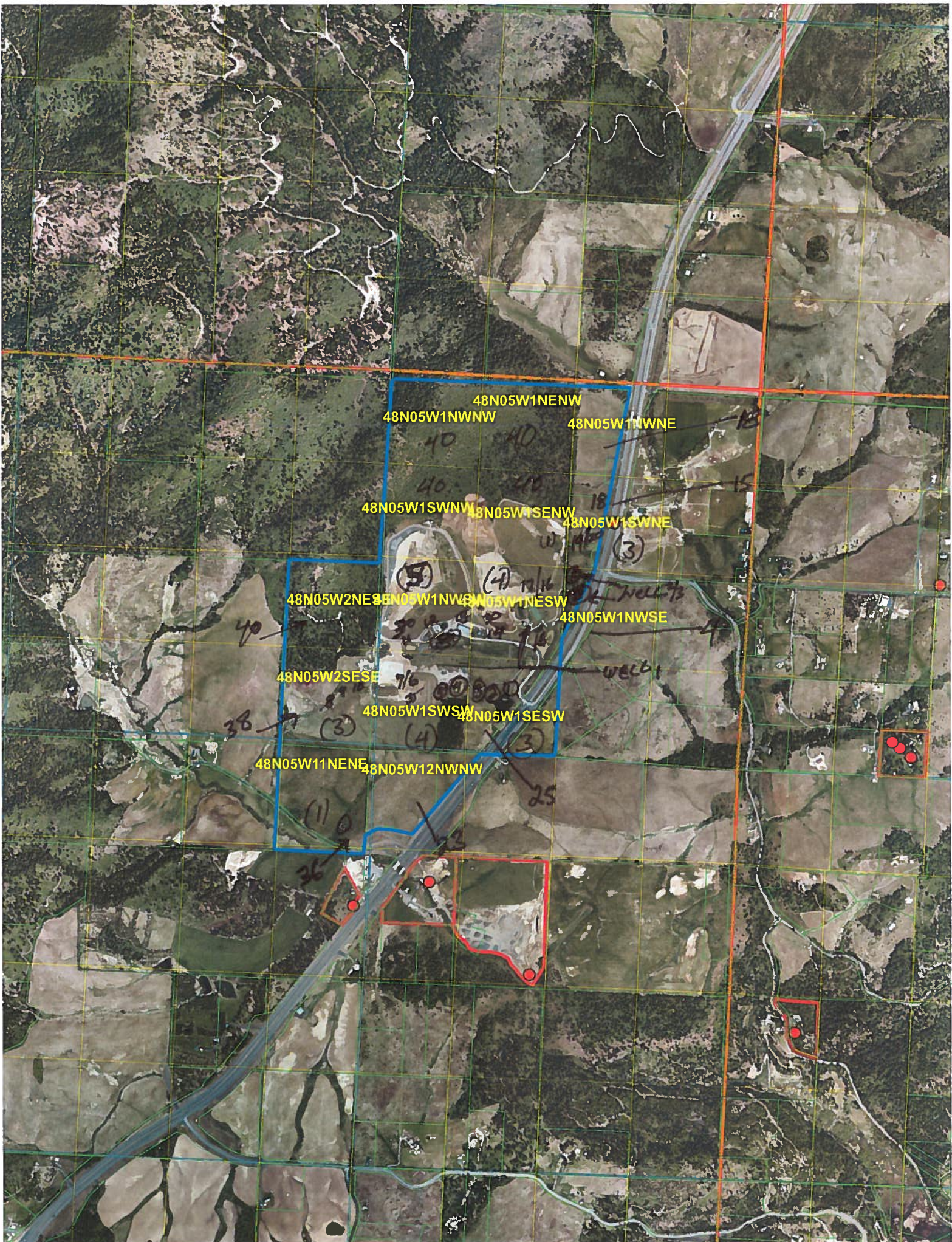
Applicant

Received by  Date 8/31/11 Time _____ Preliminary check by _____
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

Receipt No. NO 21999 \$100⁰⁰ 11/30/09 Partial Pmt for permit
Date: NO 28005 \$190⁰⁰ 8/31/11 balance Pmt for permit

Receipted by: 

Upgrade fee \$165 for well 95-90-N-32 } also
Upgrade fee \$125 for well D0022522 } w/receipt
#NO28005  8/31/11





48N05W1SWNW

48N05W1SENW

48N05W1SWNE

48N05W1NWSW

48N05W1NESW

48N05W1NWSE

48N05W2SESE

48N05W1SWSW

48N05W1SEBW

Pod
1990 well

95-8281



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

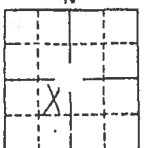
USE TYPEWRITER OR

RECEIVED

MAY 10 1990

NORTHWEST REGION

IDWR

1. WELL OWNER Name <u>Kootenai County</u> Address <u>501 Gentry Ave</u> Owner's Permit No. <u>95-90-N-32</u>		7. WATER LEVEL Static water level <u>21</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>60</u> °F. Quality <u>NO SMELL</u> Describe artesian or temperature zones below _____																																																											
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☒ Pump ☐ Bailer ☒ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>4-5 gpm</u></td><td></td><td><u>3 hrs</u></td></tr><tr><td><u>6 1/2 "</u></td><td></td><td><u>7 "</u></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>4-5 gpm</u>		<u>3 hrs</u>	<u>6 1/2 "</u>		<u>7 "</u>																																																	
Discharge G.P.M.	Pumping Level	Hours Pumped																																																											
<u>4-5 gpm</u>		<u>3 hrs</u>																																																											
<u>6 1/2 "</u>		<u>7 "</u>																																																											
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5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other <u>PVC</u> <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>250</u> inches</td><td><u>6</u> inches</td><td><u>1</u> foot</td><td><u>250</u> feet</td></tr><tr><td><u>160</u> inches</td><td><u>4</u> inches</td><td><u>220</u> feet</td><td><u>500</u> feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☒ Yes ☐ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☒ Knife ☐ Torch Size of perforation _____ inches by _____ inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>70'</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Puddling clay ☒ <u>6" Packer</u> Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☒ Solvent Weild _____ ☐ Cemented between strata Describe access port _____		Thickness	Diameter	From	To	<u>250</u> inches	<u>6</u> inches	<u>1</u> foot	<u>250</u> feet	<u>160</u> inches	<u>4</u> inches	<u>220</u> feet	<u>500</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>H2O</u> Firm No. <u>448</u> Address <u>Hayden</u> Date <u>5-16-90</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>Wayne Miller</u>																											
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6. LOCATION OF WELL ✓ Sketch map location must agree with written location  Subdivision Name <u>DEC-04-189A</u> Lot No. _____ Block No. _____ County <u>Kootenai</u> <u>NE 1/4 SW 1/4 Sec. 1, T. 48 N, R. 5 E</u>																																																													

WELL DRILLER'S REPORT

Inspected by _____
Twp. _____ Rge. _____ Sec. _____
Lat. 1/4 _____ 1/4 _____ 1/4 _____
Long. _____

1. WELL TAG NO. D0022522

Drilling Permit No: 781509
Other IDWR No. _____

2. OWNER

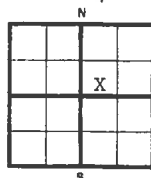
Name KOOTENAI COUNTY SOLID WAST 448

Address P.O. BOX 9000

City COEUR D'ALENE State ID Zip 83816

3. LOCATION OF WELL by legal description

sketch map location must agree with written location



Twp. 48N ☒ North or ☐ South
Rge. 5W ☐ East or ☒ West
Sec. 1 SW 1/4 NE 1/4 1/4

Gov't Lot _____ County KOOTENAI

Lat: _____ Long: _____

Address of Well Site

City WORLEY

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement, etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	0	18	10 BAGS	OVERBORE

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 210

Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	210	.250	STEEL	☒	☐	☒	☐
4	-180	460	.160	PVC	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method SKILL SAW

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
-420	460	1/8 X 8	84	4	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

250 ft. below ground Artesian pressure _____ lb.

Depth flow encountered 238 ft. Describe access port or control devices: _____

48N 5W 1

11. WELL TESTS:

☐ Pump	☐ Bailer	☒ Air	☐ Flowing Artesian
Yield gal./min.	Drawdown	Pumping Level	Time
3			

Water Temp. COLD Bottom Hole Temp. COLD

Water Quality test or comments: CLEAR

Depth first Water encountered 238

12. LITHOLOGIC LOG:(Describe repairs or abandonment)

Bore				Water	
Diam	From	To	Remarks: Lithology, Water Quality, Temperature	Y	N
10	0	3	Top Soil	☐	☐
10	3	20	Tan Clay	☐	☐
8	20	70	Brown Clay	☐	☐
8	70	115	Red Clay	☐	☐
8	115	195	Tan Clay	☐	☐
8	195	210	Soft Black Decomposed Granite	☐	☐
6	210	225	Med. Salt & Pepper Granite	☐	☐
6	225	238	Green Granite 3 gpm	☒	☐
6	238	340	Gray & White Granite	☐	☐
6	340	460	Black & White Granite	☐	☐

Completed Depth 460 (Measurable)

Date: Started 8/1/02 Completed 8/2/02

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name H2S WellService Inc. Firm No. 448

Firm Official _____ Date 8-11-02

and

Supervisor or Operator Jim McLieslie Date 8/15/02

(Sign Once if Firm Official and Operator)

Jim McLieslie

12500
4P97APC