

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-10411

Exam Date: 2/11/2015

1. Current Owner: STATELINE STADIUM SPEEDWAY
PO BOX 2368
POST FALLS ID 83877
(208)773-5019
2. Accompanied by: Joe Doellefeld
Phone No: 208-661-5123
Relationship to Permit Holder: Owner

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

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

GROUND WATER SE1/4SE1/4 Sec. 36, Twp 51N, Rge 06W, B.M. KOOTENAI County

Method of Determination: GPS and Maps. POD location at 47° 43.154N, 117° 01.464W (A0003282)

2.

PLACE OF USE: COMMERCIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
51N 06W 36																X	

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
51N 06W 36																15.0	15.0

Total Acres: 15

Method of Determination:

3. ☐ 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

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
95-71-N-73	FRANKLIN	5			

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
N/A						

2. Measurements:

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method: UNABLE TO PERFORM FLOW TEST DUE TO NO EXPOSED PIPES. THEORETICAL PUMPING EQUATION ATTACHED SHOWING 62GPM OR 0.14CFS.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 15 \text{ AC} \times 3 \text{ AF} = 45 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.14 \times 246 \times 1.9835 = 68.3 \text{ AF}$$

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

2. Volume Calculations for Other Uses: SEE ATTACHMENT FOR SPREADSHEET SHOWING BREAKDOWN OF COMMERCIAL USE.

G. NARRATIVE/REMARKS/COMMENTS

COMMERCIAL USE FOR RACE TRACK OPERATIONS AND IRRIGATION OF 15 ACRES. WELL WILL PRODUCE 62 GPM OR 0.14 CFS. COMMERCIAL USE IS FOR BATROOMS, KITCHENS, CONCESSION STANDS, DUST TENDERS, AND A FULL TIME YEAR ROUND SECURITY MOBILE HOME. IRRIGATION OF AREAS AROUND TRACK INCLUDE COMMON AREAS AND PARKING LOT.

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>
COMMERCIAL	01/01 to 12/31	0.140 CFS	7.30 AF
IRRIGATION	03/15 to 11/15	0.140 CFS	45.00 AF
<u>Totals:</u>		0.140 CFS	52.30 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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name Adam Frederick Date 2-17-2015

Reviewer [Signature] Date 2-17-2015

Water Right 95-10411 Commercial Usage

	Quantity	Operating Days	Gallons	Total
Average Attendance per Event	3,200	64	8	1,638,400
Kitchens	3	64	300	57,600
Concession Stands	6	64	100	38,400
Dust Tenders	1	64	7,500	480,000
Full Time Security Mobile Home	1	365	448	163,520

Total Gallons 2,377,920

Total Acre Feet 7.30

Irrigation	15 acres	3 acre feet per acre		45 acre feet
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Total Acre Feet 52.3

PUMP EQUATIONS				
WATER RIGHT No.		95-10411		
HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
5	256.0204	0.8	145	48
cfs 61.8 gpm				

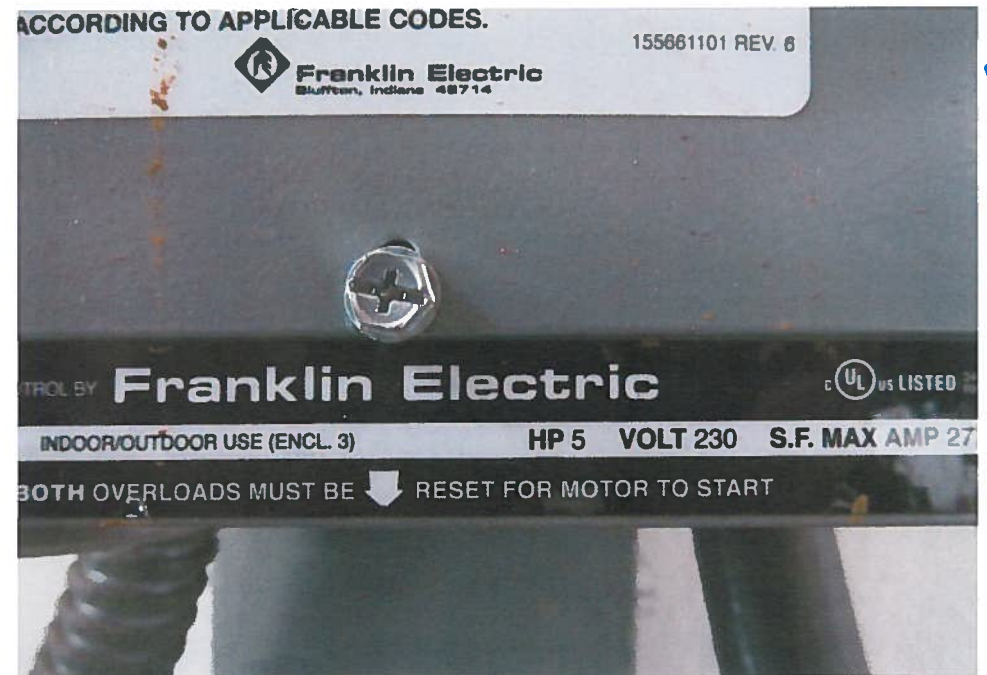
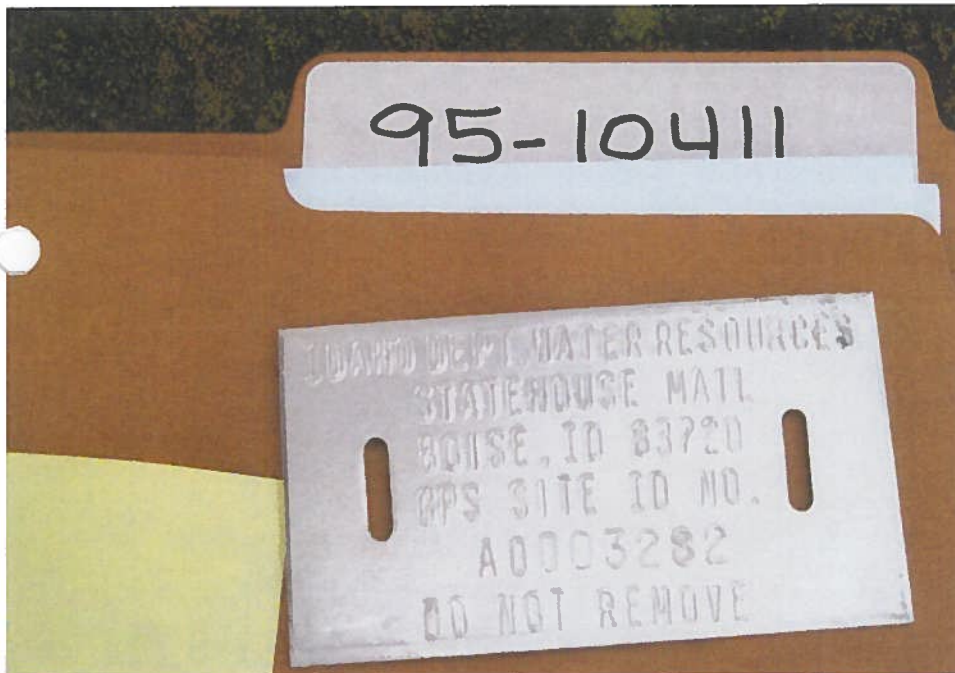
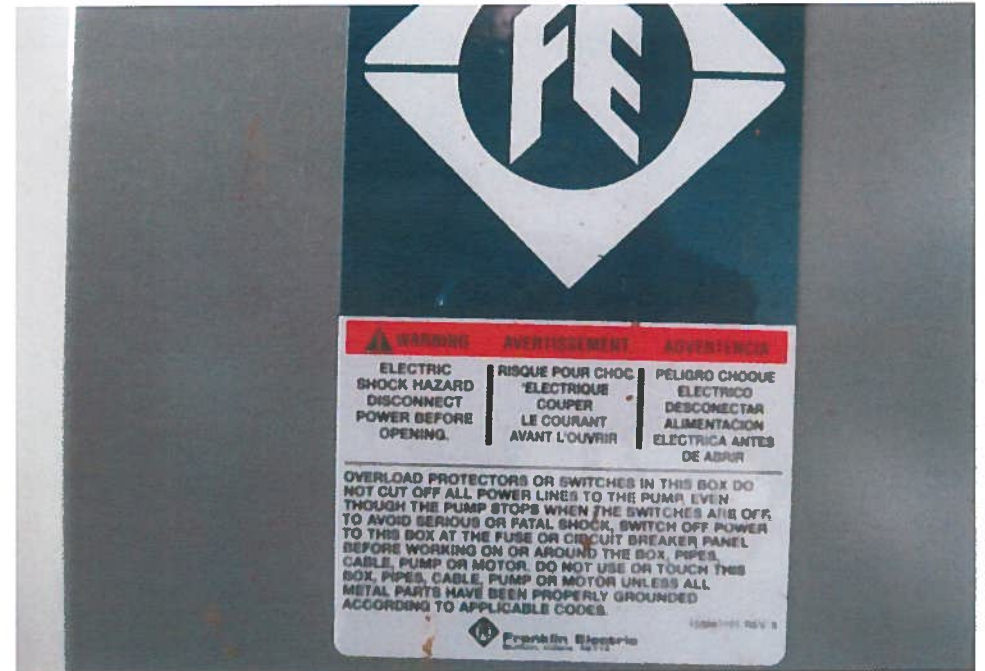
State of Idaho
Department of Water Resources
Water Right License
95-10411



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.0475 0.095 0.19 Miles





95-10411



95-10411



11701-56
95-10411



95-10411







11741256

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer
within 30 days after completion or abandonment of the well.

1. WELL OWNER Name <u>Harold McKim</u> Address <u>Box 217, Post Falls, Idaho</u> Owner's Permit No. <u>95-71-N-73</u>	7. WATER LEVEL Static water level <u>125</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																																																																																																				
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning)	8. WELL TEST DATA ☐ Pump ☒ Bailer ☐ Other <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Draw Down</th><th>Hours Pumped</th></tr></thead><tbody><tr><td>25</td><td>1</td><td>1</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	Discharge G.P.M.	Draw Down	Hours Pumped	25	1	1																																																																																																																																														
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock	9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>8</td><td>0</td><td>1'</td><td>Top Soil</td><td></td><td></td></tr><tr><td>8</td><td>1'</td><td>3'</td><td>Large gravel</td><td></td><td></td></tr><tr><td>8</td><td>3'</td><td>5'</td><td>Boulders</td><td></td><td></td></tr><tr><td>8</td><td>5'</td><td>15'</td><td>Course sand & large gravel</td><td></td><td></td></tr><tr><td>8</td><td>15'</td><td>21'</td><td>Boulders</td><td></td><td></td></tr><tr><td>8</td><td>21'</td><td>25'</td><td>Course sand & large gravel</td><td></td><td></td></tr><tr><td>8</td><td>25'</td><td>28'</td><td>Course gravel</td><td></td><td></td></tr><tr><td>8</td><td>28'</td><td>32'</td><td>Boulders</td><td></td><td></td></tr><tr><td>8</td><td>32'</td><td>35'</td><td>Course sand & gravel</td><td></td><td></td></tr><tr><td>8</td><td>35'</td><td>40'</td><td>Boulders</td><td></td><td></td></tr><tr><td>8</td><td>40'</td><td>45'</td><td>Course sand & gravel</td><td></td><td></td></tr><tr><td>8</td><td>45'</td><td>59'</td><td>Course gravel</td><td></td><td></td></tr><tr><td>8</td><td>59'</td><td>61'</td><td>Boulders & large gravel</td><td></td><td></td></tr><tr><td>8</td><td>61'</td><td>64'</td><td>Course sand & gravel</td><td></td><td></td></tr><tr><td>8</td><td>64'</td><td>66'</td><td>Boulders</td><td></td><td></td></tr><tr><td>8</td><td>66'</td><td>69'</td><td>Course gravel</td><td></td><td></td></tr><tr><td>8</td><td>69'</td><td>74'</td><td>Large gravel</td><td></td><td></td></tr><tr><td>8</td><td>74'</td><td>99'</td><td>Course sand & gravel</td><td></td><td></td></tr><tr><td>8</td><td>99'</td><td>111'</td><td>Course gravel</td><td></td><td></td></tr><tr><td>8</td><td>111'</td><td>117'</td><td>Course sand & gravel</td><td></td><td></td></tr><tr><td>8</td><td>117'</td><td>125'</td><td>Course gravel</td><td></td><td></td></tr><tr><td>8</td><td>125'</td><td>150'</td><td>Course gravel 3/4 to 1 1/2"</td><td></td><td></td></tr><tr><td>8</td><td>150'</td><td>162'</td><td>Course sand & gravel</td><td></td><td></td></tr></tbody></table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	8	0	1'	Top Soil			8	1'	3'	Large gravel			8	3'	5'	Boulders			8	5'	15'	Course sand & large gravel			8	15'	21'	Boulders			8	21'	25'	Course sand & large gravel			8	25'	28'	Course gravel			8	28'	32'	Boulders			8	32'	35'	Course sand & gravel			8	35'	40'	Boulders			8	40'	45'	Course sand & gravel			8	45'	59'	Course gravel			8	59'	61'	Boulders & large gravel			8	61'	64'	Course sand & gravel			8	64'	66'	Boulders			8	66'	69'	Course gravel			8	69'	74'	Large gravel			8	74'	99'	Course sand & gravel			8	99'	111'	Course gravel			8	111'	117'	Course sand & gravel			8	117'	125'	Course gravel			8	125'	150'	Course gravel 3/4 to 1 1/2"			8	150'	162'	Course sand & gravel		
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4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																																																																																																																																					
5. WELL CONSTRUCTION Diameter of hole <u>8</u> inches Total depth <u>262</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness <u>0.250</u> inches Diameter <u>8</u> inches From <u>Plus 1</u> feet To <u>162</u> feet ____ inches _____ inches _____ feet _____ feet ____ inches _____ inches _____ feet _____ feet ____ inches _____ inches _____ feet _____ feet ____ inches _____ inches _____ feet _____ feet Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☒ Knife ☐ Torch Size of perforation <u>3</u> inches by <u>1 1/2</u> inches Number <u>180</u> From <u>142</u> feet To <u>160</u> feet ____ perforations _____ feet _____ feet ____ perforations _____ feet _____ feet ____ perforations _____ feet _____ feet 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? ☒ Yes ☐ No To what depth <u>15</u> feet Material used in seal ☒ Cement grout ☐ Puddling clay																																																																																																																																																					
6. LOCATION OF WELL Sketch map location must agree with written location. County <u>Kootenai</u> <u>SE</u> 1/4 <u>SE</u> 1/4 Sec. <u>36</u> , T. <u>51</u> N., R. <u>6</u> E/W	10. Work started <u>Sept. 20, 1971</u> finished <u>Oct. 6, 1971</u>																																																																																																																																																				
	11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. <u>ZINKGRAF WELL DRILLING CO.</u> <u>59</u> Driller's or Firm's Name Number <u>E. 1606 Sharp, Spokane, Wa. 99203</u> Address <u>Carl E. Zinkgraf</u> <u>Oct. 13, 1971</u> Signed By Date																																																																																																																																																				