

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9474

Exam Date: 7/15/2014

1. Current Owner: SILVERWOOD INC
27843 N HWY 95
ATHOL ID 83801
(208)683-3400
2. Accompanied by: Matt Stevens
Phone No: 208-683-3400 EXT. 4801
Relationship to Permit Holder: Director of Construction- Maintenance & Facilities

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-9474, 95-9940, 95-9588
2. Other water rights with the same point of diversion:

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

GROUND WATER SE1/4NW1/4 Sec. 33, Twp 53N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS AND MAPS

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>	
53N 03W 28	X	X	X	X	X			X	X		X	X	X	X	X	X	
53N 03W 33		X			X	X	X	X		X	X						

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>
D0055513	FRANLIN	150			

*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>
McCROMETER						

2. Measurements: 850GPM

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{N/A}$$

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

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

2. Volume Calculations for Other Uses: COMMERCIAL USE: 132,243,403 YEARLY USAGE / 325,850 = 406AF

G. NARRATIVE/REMARKS/COMMENTS

SILVERWOOD THEME PARK. 763GPM OR 1.70CFS. PUMPING OVER THAT AMOUNT. WILL ISSUE FOR 1.70CFS.

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	1.700 CFS	406.00 AF
<u>Totals:</u>		1.700 CFS	406.00 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  Date 12-11-2014Reviewer  Date 12-11-2014

Davis, Eric

95-9474

From: Chris Lempesis [clempesis@silverwoodthemepark.com]
Sent: Thursday, July 17, 2014 12:01 PM
To: Davis, Eric
Cc: 'Matt Stevens'
Subject: Silverwood

Eric,

Below is the approximate gallons used in the last four years as well as the average yearly use. Let me know if there is any additional information required.

Total Gallons	528,973,612.00
---------------	----------------

Average Yearly Usage (Gallons)	132,243,403.00
--------------------------------	----------------

Thanks,

Chris Lempesis
Facilities Manager
Silverwood Theme Park
& Boulder Beach Water Park
27843 N Hwy 95 Athol, Idaho 83801
208-683-3400 ext. 129
208-691-9551 Cell



Davis, Eric

From: Chris Lempesis [clempeis@silverwoodthemepark.com]
Sent: Friday, July 18, 2014 9:00 AM
To: Davis, Eric
Subject: RE: Silverwood

Eric,

It looks like 2012 was the peak year with roughly 180,524,683 gallons.

Chris

From: Davis, Eric [mailto:Eric.Davis@idwr.idaho.gov]
Sent: Thursday, July 17, 2014 12:21 PM
To: Chris Lempesis
Subject: RE: Silverwood

Did you have a peak year?

From: Chris Lempesis [mailto:clempeis@silverwoodthemepark.com]
Sent: Thursday, July 17, 2014 12:01 PM
To: Davis, Eric
Cc: 'Matt Stevens'
Subject: Silverwood

Eric,

Below is the approximate gallons used in the last four years as well as the average yearly use. Let me know if there is any additional information required.

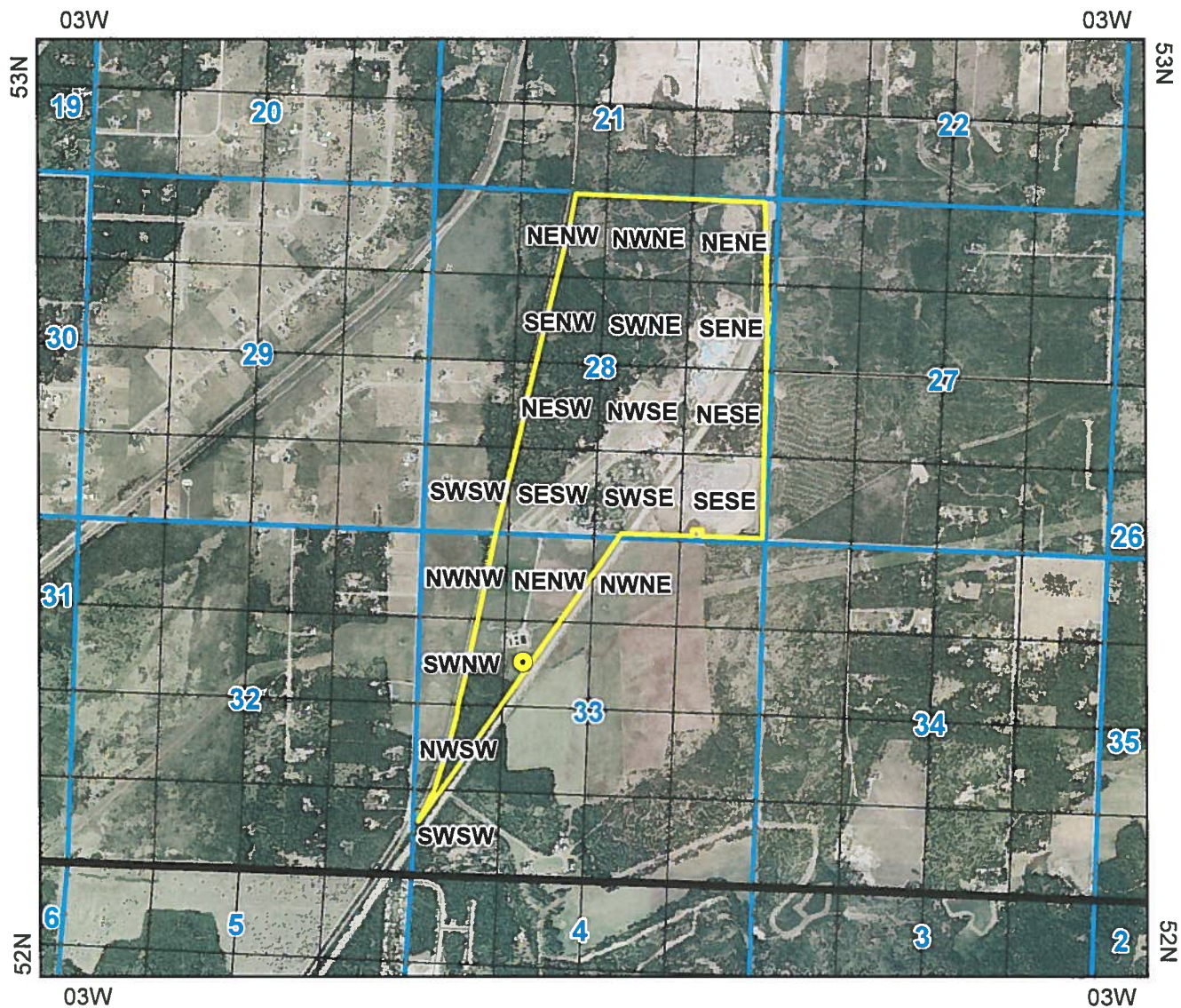
Total Gallons	528,973,612.00
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Average Yearly Usage (Gallons)	132,243,403.00
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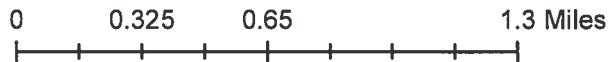
Thanks,

Chris Lempesis
Facilities Manager
Silverwood Theme Park
& Boulder Beach Water Park
27843 N Hwy 95 Athol, Idaho 83801
208-683-3400 ext. 129
208-691-9551 Cell

State of Idaho
Department of Water Resources
Water Right License
95-9474



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



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Location Corrected by IDWR To:

T41N R03W Sec. 16 NENESE

By: mciscell 2013-10-11

Lat: : : Long: : :

1. DRILLING PERMIT NO. - 852391

Other IDWR No. D 0055513

2. OWNER:

Name Silverwood Theme Park

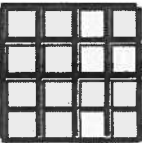
Address 27843 Hwy 95

City Athol State ID Zip 83801

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location

N

W  E
Twp. 53 North ☒ or South ☐
Rge. 3 East ☐ or West ☒
Sec. 33 1/4 SE 1/4 NW 1/4
10 acres 40 acres 160 acres

S Gov't lot County Kootenai

Lat: : : Long: : :

Address of Well Site south of waste treatment

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

Lt. Blk. Sub. Name

4. USE:

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

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	60	3250#	dry granular

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

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10"	+2	368	365	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe Length of Tailpipe

9. PERFORATIONS/SCREENS

☐ Perforations Method 2 k-packers @ 367'
☒ Screens Screen Type alloy ss telescoping 10"

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
368	398	100	cont	10"	SS	☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

308 ft. below ground Artesian Pressure lb
Depth flow encountered ft. Describe access port or control devices:

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
500-600			8 hours

Water Temp. Bottom hole temp.

Water Quality test or comments: Cold and clear-air developed
until no sand Depth first Water Encountered 367'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water				Y	N
Bore Dia	From	To	Remarks: Lithology, Water Quality & Temp.		
14.5"	0	1	Topsoil		
	1	6	Gravel		
	6	11	Boulders, cobbles		
	11	14	Boulder, granite, big		
	14	17	Gravel		
	17	19	Boulders		
	19	42	Gravel, cobbles, boulders		
	42	55	Gravel, sand, cobbles		
	55	58	Boulders, gravel		
12"	58	68	Gravel, sand		
	68	120	Gravel, sand, cobbles		
	120	173	Gravel, cobbles, sand		
	173	188	Cobbles, gravel		
	188	212	Gravel, sand, coarse		
	212	267	Gravel, coarse		
	267	273	Cobbles, gravel, sand		
	273	289	Gravel, sand, coarse		
	289	320	Sand, gravel		
	320	326	Gravel, cobbles		
	326	327	Boulder		
	327	342	Cobbles, gravel		
	342	351	Gravel, sand, cobbles		
	351	358	Boulders, cobbles		
	358	367	Gravel, sand		
	367	372	Cobbles, sand, coarse		
	372	381	Gravel, coarse		
	381	388	Cobbles, gravel, sand		
	388	394	Gravel, sand		
	394	396	Gravel, cobbles, sand		
	396	400	Gravel, sand coarse		

Completed Depth: 398 (Measurable)

Date: Started Aug 11, 2008 Completed Sept 19, 2008

13. DRILLER'S CERTIFICATION

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

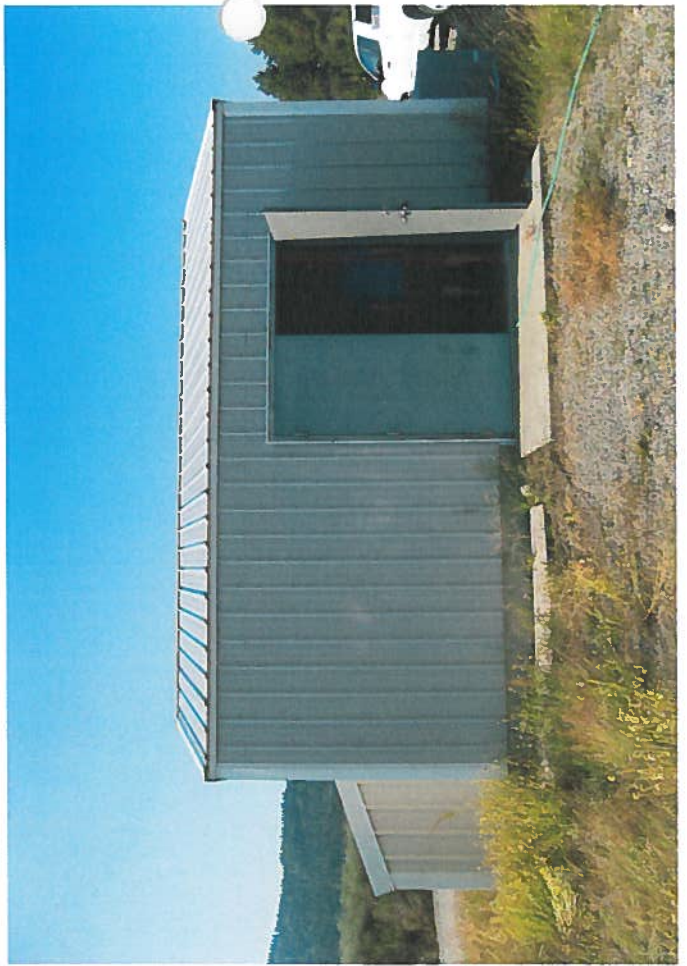
Firm Name McCarty Drilling & Pump Inc Firm No. 586

Firm Official [Signature] Date 9-22-08

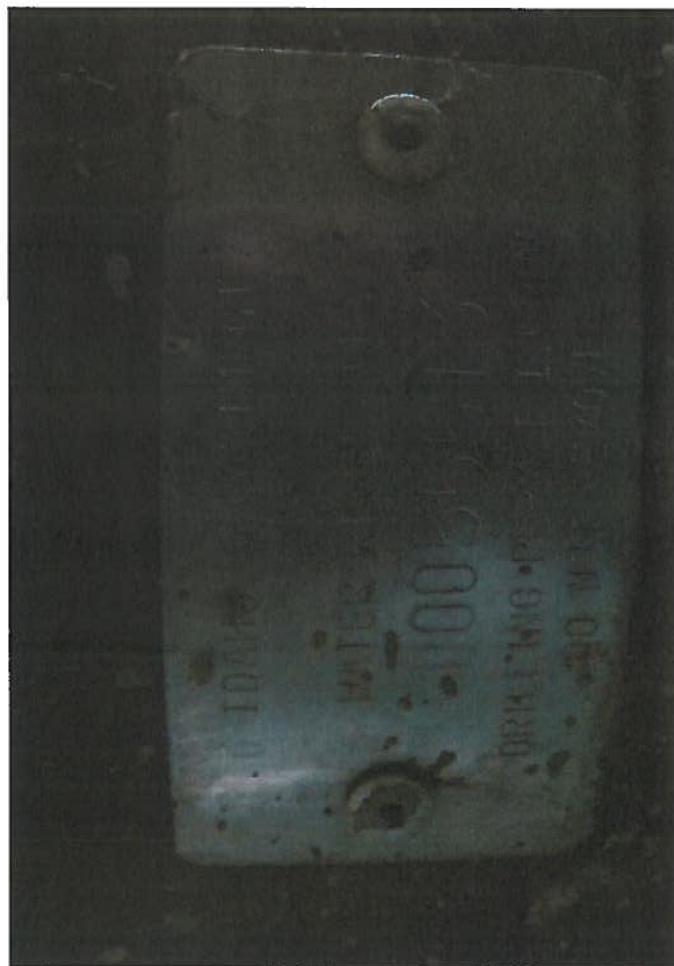
Supervisor or Operator Date
(Sign once if Firm Official & Operator)

Date: 9/22/2008 Time: 1:41:10 PM

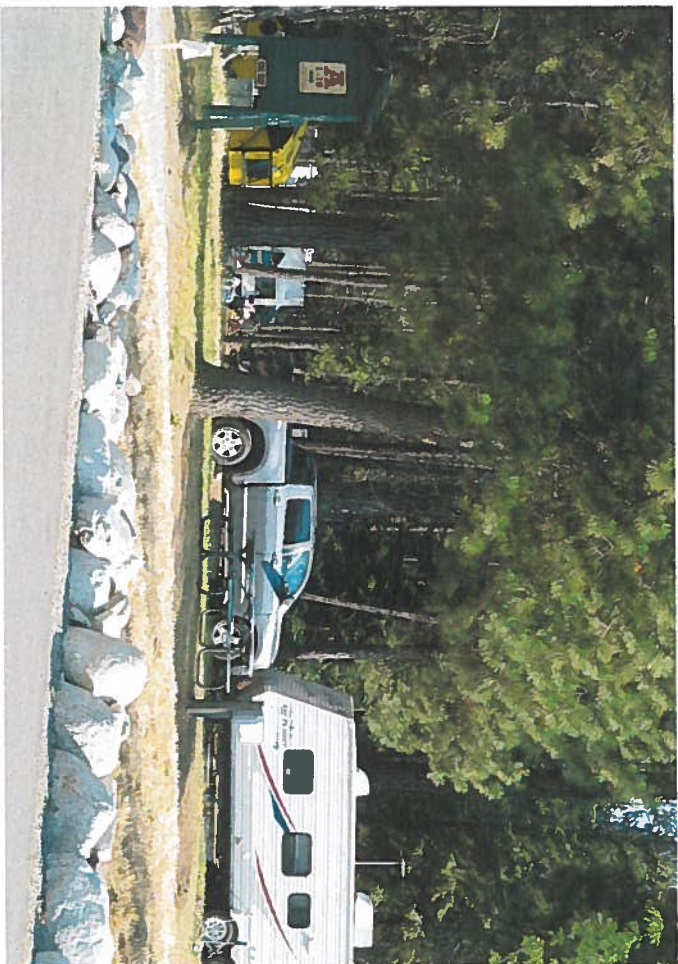
53N 03W 32



9.5-9474



95-9474



95-91174



95-9474