

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-13745

Exam Date: 9-27-2012

1. Current Owner: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
50 E NORTH TEMPLE, TWELTH FLOOR
REAL ESTATE DIVISION
SALT LAKE CITY UT 84150-6320
(801)240-4657
2. Accompanied by: NA
Phone No: NA
Address: NA
Relationship to Permit Holder: NA

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: 22-14018

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

GROUND WATER SW1/4SE1/4 Sec. 1, Twp 06N, Rge 39E, B.M.
MADISON County

Method of Determination: Map and GPS

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
06N	39E	1												X					

Method of Determination: Map

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 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 Size</u>
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D0048945

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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2. Measurements: No measurement made. De minimus rate of diversion.

E. FLOW CALCULATIONS

____Additional Computation Sheets Attached

Measured Method: De minimus flow.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

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

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

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

2. Volume Calculations for Other Uses: Assumed 34 water fixtures at 1 gallon/fixture, running for 9 hours/week for 52 weeks. 34 gpm x 60 min./hour = 2040 gal./hour x 9 hours/week = 18360 gal./week x 52 weeks = 954720 gal./year = 2.93 AF = 3.0 AF

G. NARRATIVE/REMARKS/COMMENTS

→ and using water right 22-14018

Lawn and landscaping are irrigated from a pump in the nearby Consolidated Farmers Canal. Domestic well is located on the east edge of the church parking lot. Drillers tag D0048945.

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>
DOMESTIC	01/01 to 12/31	0.110 CFS	
<u>Totals:</u>		0.110 CFS	3.00 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 James Bitzenburg

Date 9-27-2012

Reviewer James Cefalo

Date Oct 11, 2012



Idaho Department of Water Resources

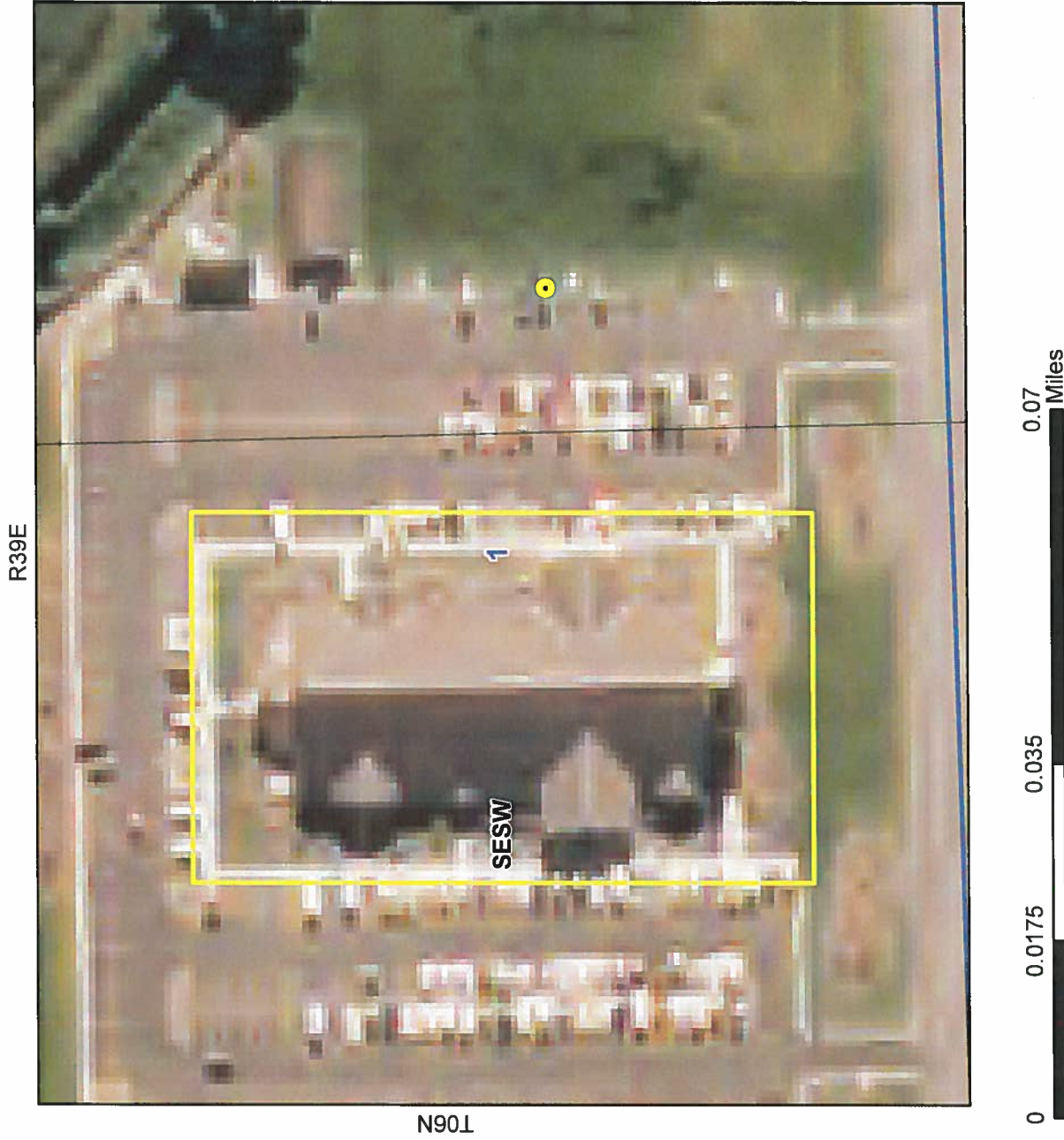
Water Right
22-13745
(DOMESTIC)

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



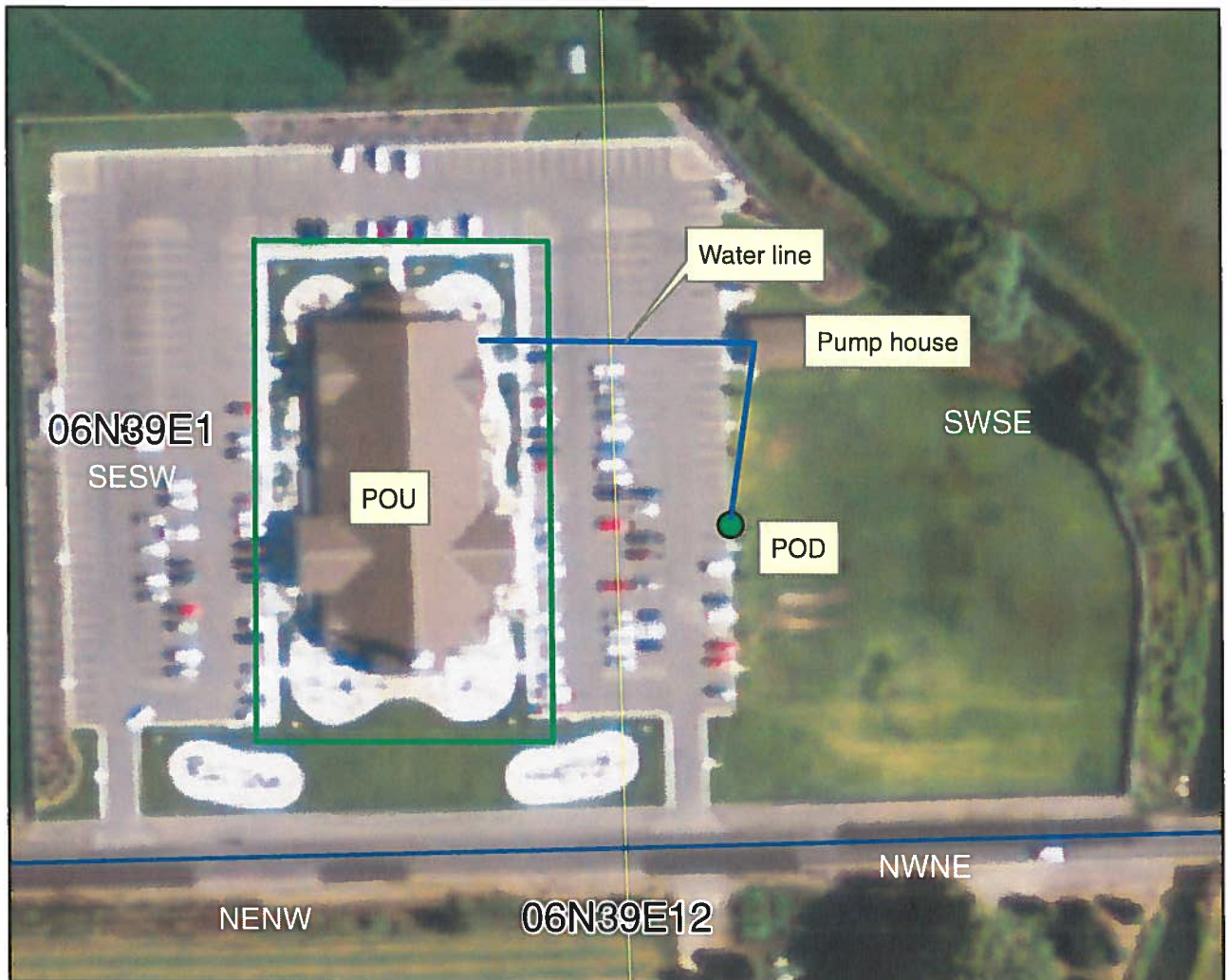
Madison County
IDWR Basin 22

Prepared by Bitzenburg, James
On October 04, 2012
2009 Aerial Photography



Owner: Church Of Jesus Christ Of Latter Day Saints
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

Idaho Department of Water Resources



LDS Church- Hibbard

Legend

- Township/Range
- Sections
- QQ

2011 Aerial Photography

1 inch = 119 feet

0 75 150 300 Feet





Church Well - domestic





Diversion on Canal for Irrigation of
church grounds

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Well ID No. 22
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat: _____ Long: _____

1. WELL TAG NO. D 48945
DRILLING PERMIT NO. _____
Water Right or Injection Well No. 22-13745

2. OWNER:
Name Church - Hibbard
Address 50 E N Temple
City SLC State UT Zip 84150

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 6 North ☒ or South ☐
Rge. 3E East ☒ or West ☐
Sec. 1 1/4 SE 1/4 SW 1/4
Gov't Lot _____ County Madison
Lat: _____ Long: _____
Address of Well Site 3000 N 1500 W
City Rehoboth
(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 Material	From	To	Weight / Volume	Seal Placement Method
<u>grout</u>	<u>0</u>	<u>70</u>	<u>4 yds</u>	<u>overbore</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 168
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>8</u>	<u>+2</u>	<u>168</u>	<u>312</u>	<u>steel</u>	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____
Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
21 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices:
well cap

12. WELL TESTS:

☒ Pump	☐ Bailor	☐ Air	☐ Flowing Artesian
Yield gal/min.	Drawdown	Pumping Level	Time
<u>100</u>	<u>17</u>	<u>38</u>	<u>8 hrs.</u>

Water Temp. 51° Bottom hole temp. _____

Water Quality test or comments: excellent

Depth first Water Encounter 21

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>12</u>	<u>0</u>	<u>30</u>	<u>sand</u>	☒	☐
<u>12</u>	<u>30</u>	<u>69</u>	<u>sand & clay</u>	☒	☐
<u>8</u>	<u>69</u>	<u>93</u>	<u>sand</u>	☒	☐
<u>8</u>	<u>93</u>	<u>120</u>	<u>gravel & sand</u>	☒	☐
<u>8</u>	<u>120</u>	<u>151</u>	<u>sand</u>	☒	☐
<u>8</u>	<u>151</u>	<u>168</u>	<u>clay</u>	☐	☒
<u>8</u>	<u>168</u>	<u>201</u>	<u>black basalt</u>	☐	☒
<u>8</u>	<u>201</u>	<u>216</u>	<u>cinders</u>	☒	☐
<u>8</u>	<u>216</u>	<u>235</u>	<u>black lava</u>	☒	☐
<u>8</u>	<u>235</u>	<u>248</u>	<u>cinders</u>	☒	☐

RECEIVED

SEP 17 2008

Department of Water Resources
Eastern Region

Completed Depth 248 (Measurable)

Date: Started 10-10-07 Completed 3-10-08

14. DRILLER'S CERTIFICATION

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

Company Name High Plains Drilling Firm No. 289

Principal Driller Marcus Sanchez Date 3-11-08

Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.