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JAN 29 2015  
WATER RIGHTS  
PROGRAM

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>2737-2</u> (office use only)	Hydrologic Unit <u>10120110</u>
	Basin <u>Upper Chuyenne</u>	
	Newspaper <u>Rapid City Journal</u>	
	<u>PO Box 450</u> <u>57709 605 394-8300</u>	

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

<input type="checkbox"/> Municipal	<input type="checkbox"/> Suburban Housing	<input type="checkbox"/> Recreational	<input type="checkbox"/> Institutional
<input type="checkbox"/> Rural Water System	<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Fish & Wildlife	<input type="checkbox"/> Geothermal Heat
<input type="checkbox"/> Domestic (over 18 gpm)	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other _____	

Type of Application: (check one)

New     Vested Right (Use predates Mar 2, 1955)     Future Use Reservation

Place to Beneficial Use Water Reserved by Future Use Permit No. \_\_\_\_\_

Amendment/Correction to Permit No. \_\_\_\_\_

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Water Permit Summer Creek Inn

(check one)  Owner     Tenant/lessee     Owner's Legal Agent \_\_\_\_\_

(name and complete address if different than above name)

Mailing Address 23204 Summer creek Dr Rapid City SD 57702

605 (Address) (City) (State) (Zip Code)

Home Phone 574-4408 Cell \_\_\_\_\_ Email Info@SummerCreekInn.com

2. Amount of water claimed 0.09 \*CFS or 40 \*\*GPM \*\*\*AF

(\*Cubic Feet per Second) (\*\*Gallons per Minute) (\*\*\*)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply well NE1/4 NE1/4 Sec 22

4. Location of point of diversion SW1/4 SW1/4 Sec 14 Twp 1N Rg 5E County Pennington

(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

If not a public water supply (e.g. municipal), will water be used outside of the area described above?  Yes  No

If "Yes," where will water be used? \_\_\_\_\_ (example - NW1/4 section 12-T104N-R53W)

5. County or counties where water will be used Pennington

6. Annual period during which water is to be used 12 mo. Annually

7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Specialty Resort

I, Danie Evangelisto, the applicant, certify that I have read this application, have examined the attached maps and that the matters stated are true.

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Also, attach map and any other technical information. (see instructions)

### Supplemental Information

(type or print)

**1. Well Information** (check one or both as applicable)  Drilling new well(s)  Using existing well(s)

- a) If new wells, how many \_\_\_ Have test holes been drilled  Yes  No Drilled by \_\_\_\_\_  
(if yes, please provide copies of logs)
- b) If existing wells, how many 1 Provide copy of log(s), if available. Drilled by Alexander Drilling
- c) Well Depth 100 Depth to Top of Water Bearing Material 45 Depth to Water from Surface 30
- d) Distance to nearest existing domestic well:  
On applicant's property \_\_\_\_\_ On property owned by others 330'

**2. Wastewater Disposal System Information**

- a) Type of System (i.e. septic tank, drain field) Septic
- b) System Capacity (gallons) 3000 Year Constructed 2008
- c) Connected to the City of \_\_\_\_\_ Sanitary System

**3. Dugout Information**

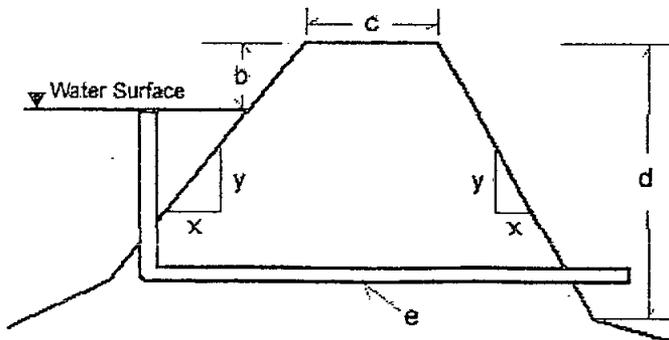
- a) Surface Dimensions \_\_\_\_\_ Depth \_\_\_\_\_
- b) Depth to water (ground surface to water level) \_\_\_\_\_

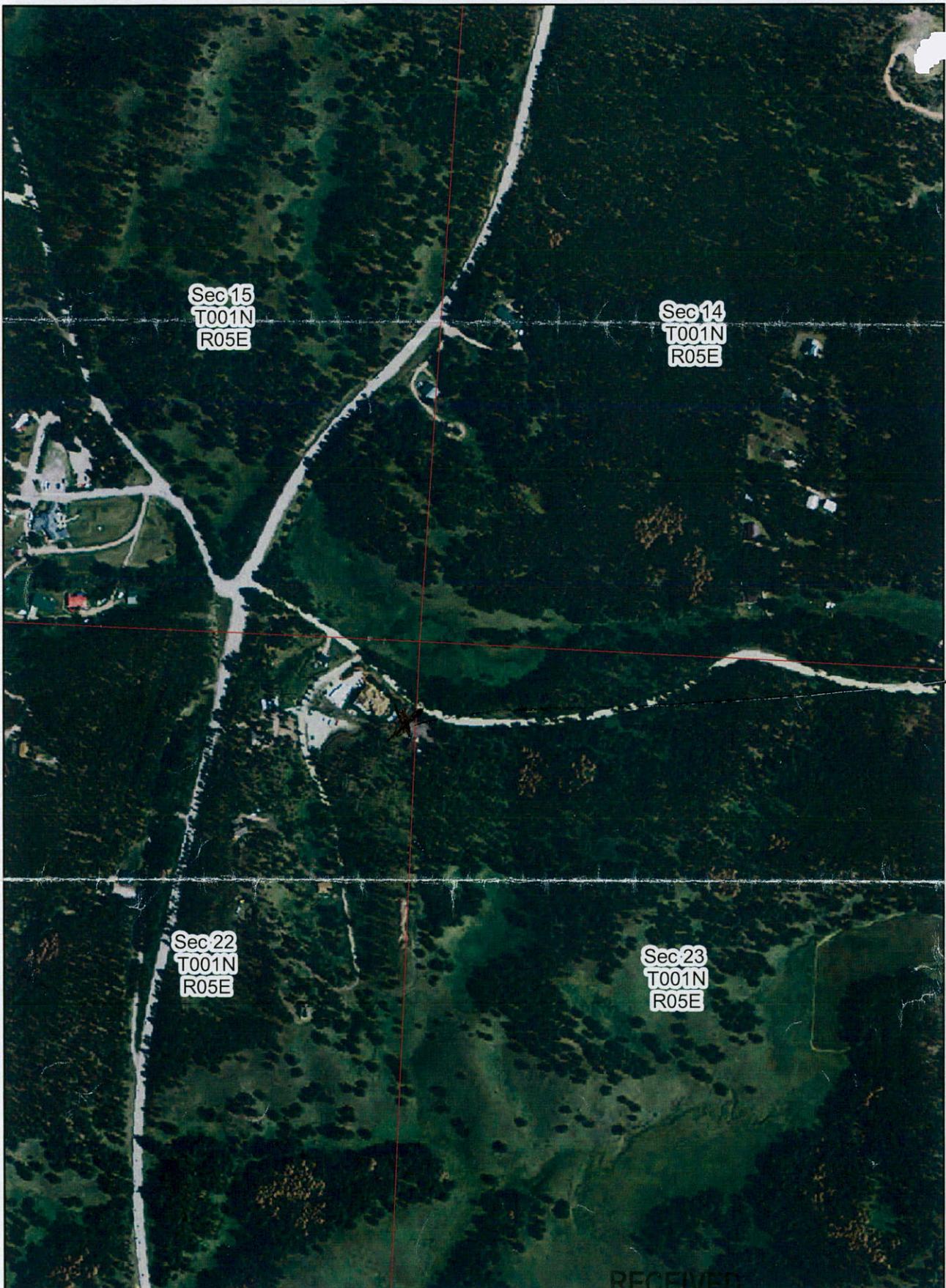
**4. Water Storage Dams**

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

- b) Freeboard \_\_\_\_\_
- c) Crest Width \_\_\_\_\_  
Crest Length \_\_\_\_\_
- d) Height \_\_\_\_\_
- e) Primary Outlet Capacity \_\_\_\_\_  
If pipe, diameter \_\_\_\_\_
- f) Secondary Spillway Capacity \_\_\_\_\_  
Spillway Width \_\_\_\_\_
- g) X & Y Slope (e.g. 3 to 1 is a typical slope)  
Upstream \_\_\_\_\_  
Downstream \_\_\_\_\_
- h) Surface Area of Impoundment \_\_\_\_\_
- i) Storage \_\_\_\_\_ Acre Feet
- j) Drainage Area Above Dam \_\_\_\_\_ Acres





Sec 15  
T001N  
R05E

Sec 14  
T001N  
R05E

Sec 22  
T001N  
R05E

Sec 23  
T001N  
R05E

Well  
location

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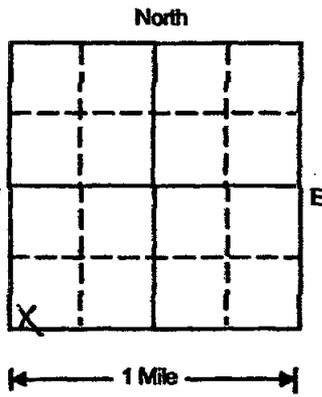
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# SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW 1/4 SW 1/4 Sec 14 Twp 1N Rg 5E

County  
Pennington



Please mark well location with an "X"

Well Completion Date  
9/27/07

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)  
770 ft from Septic (identify source)

**PROPOSED USE:**  
 Domestic/Stock Irrigation   
  Municipal Industrial   
  Business Institutional   
  Test Holes Monitoring well

**METHOD OF DRILLING:**  
Rotary Downhole Hammer

**CASING DATA:**  Steel  Plastic  Other  
 If other describe 30' by 6" 160 PVC

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	IN	FT	FT	IN
		0	28	8 3/4
		28	100	6

**GROUTING DATA:**  
 Grout Type Portland II No. of Sacks 24 Grout Weight 28 Lb/gal From 28 Ft To 4 Ft

Describe grouting procedure  
thru 1" trim pipe

**SCREEN:** NO  Perforated pipe  Manufactured  
 Diameter \_\_\_\_\_ Inches Length \_\_\_\_\_ Feet  
 Material \_\_\_\_\_  
 Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet to \_\_\_\_\_ Feet  
 Other information \_\_\_\_\_

**WAS A PACKER OR SEAL USED?**  Yes  No  
 If so, what material? \_\_\_\_\_  
 Describe packer(s) and location open hole

**DISINFECTION:** Was well disinfected upon completion?  
 Yes, How? w/ chlorine solution  
 No, Why Not? \_\_\_\_\_

Lab sample sent to for water quality analysis  
 \_\_\_\_\_

Well Owner: Tucker  
 Business Name: E/O RL Construction  
 Address: 23851 Hwy 385 Ste 3  
 City, State, Zip: Hill City SD 57745

**WELL LOG:**

FORMATION	DEPTH	
	FROM	TO
<u>Drift</u>	<u>0</u>	<u>16</u>
<u>hard grey schist</u>	<u>16</u>	<u>45</u>
<u>Grey Schist fract 5gpm</u>	<u>45</u>	<u>47</u>
<u>hd grey schist</u>	<u>47</u>	<u>64</u>
<u>Grey schist fracture 50gpm</u>	<u>64</u>	<u>66</u>
<u>hd grey schist</u>	<u>66</u>	<u>74</u>
<u>grey schist fracture 100gpm</u>	<u>74</u>	<u>77</u>
<u>hd grey schist</u>	<u>77</u>	<u>100</u>

**STATIC WATER LEVEL** 30' FEET  
 If flowing: closed in pressure \_\_\_\_\_ PSI  
 GPM flow at -100' through \_\_\_\_\_ Inch pipe  
 Controlled by  Valve  Reducers  Other \_\_\_\_\_  
 Reduced flow rate \_\_\_\_\_ GPM  
 Can well be completely shut in? \_\_\_\_\_

**WELL TEST DATA:**  
 Pumped Describe: w/ air  
 Bailed  
 Other  
 Pumping Level Below Land Surface  
 \_\_\_\_\_ Ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM  
 \_\_\_\_\_ Ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM  
 If pump installed, pump rate: \_\_\_\_\_ GPM

**REMARKS**  

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This well was drilled under license # 324  
 And this report is true and accurate.  
 Drilling firm: Dewanda Drilling Inc.  
 Signature of License Representative: \_\_\_\_\_  
 Signature of Well Owner or Estate Property Holder: \_\_\_\_\_

Date: 10-22-07

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10-2-11