



LARGE UNDERGROUND WASTEWATER OPERATING PERMIT

Division of Water Quality

NAME OF SYSTEM: DANIEL'S SUMMIT LODGE

CONTACT PERSON/MAILING ADDRESS/PHONE NO: Richard Jex 77W. 3560 S.
Nibley UT 84321 4357532051

SYSTEM LOCATION: Daniels Summit Pass Hwy 1/0, Heber City, Wasatch County

ISSUE DATE: 01/06/2015 EXPIRATION DATE: 01/06/2020

ISSUED BY:  Walter L. Baker, P.E., Director, Division of Water Quality

Until such time as this permit expires or is modified or revoked, the permittee is authorized to operate a large underground wastewater disposal system in conformance with all the requirements, limitations, and conditions set forth in *Utah Administrative Code R317-5*, with the attached schedules as follows:

SCHEDULE A

Waste Disposal Limitations:

1. The permittee is authorized to operate and maintain a large underground wastewater disposal system that has been constructed in accordance with plans and specifications approved by the Division of Water Quality and with the following conditions:
 - a. System type

<input type="checkbox"/>	Conventional Gravity;	_____
<input type="checkbox"/>	Conventional with Pump-to-Gravity;	_____
<input type="checkbox"/>	Pressure Distribution;	_____
<input checked="" type="checkbox"/>	Alternative (describe)	<u>Advantex AX100 6-Pods with Drip Irrigation Dispersal</u>
 - b. Maximum Daily Design Flow of **17,875 gpd**

c. Components of wastewater disposal system (check)

- | | | | |
|---|--|---|--------------------------------|
| <input checked="" type="checkbox"/> Recirculating Tank | <u>1-20,000 gal</u> | <input checked="" type="checkbox"/> Septic Tanks; | <u>1-2,500; 1-44,000 gal</u> |
| <input checked="" type="checkbox"/> Grease Trap | <u>1-1,000 gal; 1-1,500 gal; 2-3,000 gal</u> | <input type="checkbox"/> Distribution Box | _____ |
| <input checked="" type="checkbox"/> Pump Tank With Floats | <u>1-2,500; 1-6,000 gal; 1-20,000</u> | <input type="checkbox"/> Pressure Distribution | _____ |
| <input checked="" type="checkbox"/> Control Panel | <u>Tcom-Telemetry Type-Orengo</u> | <input checked="" type="checkbox"/> Drip Irrigation | <u>18,500 sq ft</u> |
| <input type="checkbox"/> Trenches | _____ | <input checked="" type="checkbox"/> Enhanced Trt Unit | <u>Advantex (6) AX100 pods</u> |
| <input type="checkbox"/> Deep Trench | _____ | <input type="checkbox"/> Ratcheting Valve Box | _____ |
| <input type="checkbox"/> Bed | _____ | <input type="checkbox"/> Mound | _____ |
| <input checked="" type="checkbox"/> Other (describe) | <u>Sampling basin, flow splitter basin, flow meter</u> | | |

d. Drainfield media Gravel; Gravelless Chambers _____

e. Effluent parameters will meet R317-4 for domestic wastewater or additional treatment may be required.

- 2.. Discharge of untreated or partially treated sewage or septic tank effluent directly or indirectly onto the ground surface or the surface waters of the state constitutes a public health hazard and is prohibited. This permit does not relieve the permittee from responsibility for compliance with any other applicable federal, state, or local law(s), rule(s) or standard(s).
- 3.. No cooling water, air conditioner water, ground water, oil, hazardous materials, roof drainage, storm water runoff, or other aqueous or non-aqueous substance which is, in the judgment of the Division, detrimental to the performance of the
- 4.. No activities shall be conducted that could cause an adverse impact on existing or potential beneficial use of groundwater.

SCHEDULE B

Required Servicing and Inspections

1. Annually Semi-Annually (every 6 months) Other (specify)

2. All servicing and inspections must be conducted by a certified maintenance person per R317-11. Level 2 is required for conventional systems and level 3 for all other LUWDS.

Name of person performing maintenance on this system: / Richard Jex, Logan UT

- Level 2 Level 3 *Note: if this person is replaced with another maintenance person, the owner must notify the Division within 30 day of change.*

- If Sample results exceed Operating Parameters (other than Flow of wastewater) in table titled "Minimum Monitoring and Reporting Requirements", report to the Division within 5 days and follow rules in R317-5-1.4 (F).

Inspection Components

TYPE OF SYSTEM	Measure sludge/scum levels, pump when necessary: * Septic Tank * Pump Tank * Grease Trap	Inspect and clean when necessary * Pump/Floats * Control Panel * Pump Filter	Flush/clean pressure laterals; inspect for ponding or surfacing in dispersal area; reset squirt height for equal pressure	Manufacturers Recommendations: * Recirc Tank * Pre-Treatment Unit * Misc
Conventional Gravity or Pump-to-Gravity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure System (Drip)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mound, At-Grade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packed Bed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* Or more per manufacturer requirements

Minimum Frequency of Periodic Inspections

TYPE OF SYSTEM	Every 12 months	Every 6 months
Conventional Gravity or Pump-to-Gravity 5,000 - 15,000 gal/day	<input type="checkbox"/>	<input type="checkbox"/>
15,000 + gal/day	<input type="checkbox"/>	<input type="checkbox"/>
At-Grade Alternative System (first 5 years only)	<input type="checkbox"/>	<input type="checkbox"/>
Mound (drip, pressure)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Packed Bed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Treatment System (to lower waste strength levels)	<input type="checkbox"/>	<input type="checkbox"/>

Monitoring and Reporting Requirements

Item or Parameter	Minimum Frequency	Type of Sample	Operating Parameters
Flow of wastewater (gpd)	Monthly	Measurement based on meter readings	Approved design flow (gpd)
Turbidity (NTU) or CBOD5 & TSS	Every 6 months	Grab	NTU <20, CBOD/TSS < 25mg/L

Reporting

Monitoring, maintenance practices, solids handling and results shall be reported on Division approved forms and must be submitted by **August 1, following the "reporting year" period of July 1 to June 30.**

Mail or email Reports to (permitting agency): Division of Water Quality, c/o LUWDS, PO Box 144870, Salt Lake City, UT 84114-4870

Office: 801-536-4329 Fax: 801-536-4301 email: LUWDS@utah.gov

SCHEDULE C

Special and General Conditions

- All septage/sludge shall be managed by a licensed sewage scavenger (pumper) as defined in R317-550.
- Any observations of excessive kitchen wastes, surfacing sewage, etc., must be report to the Division within 5 working days
- The permittee must maintain all treatment and control facilities in good working order and in conformance with permit requirements.