

**EXHIBIT 9**  
**FOWLER CREEK GUEST RANCH**  
**SEWAGE TREATMENT PLAN**

**RECEIVED**  
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Kittitas County CDS

**1. Describe waste material that will be discharged into the ground from septic tanks (i) or other sources (ii), if any (domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) (iii). Describe the general size of the system (iv), the number of such systems (v), the number of houses to be served (if applicable) (vi), or the number of animals or humans the system(s) are expected to serve (vii).**

- (i) The waste materials that will be discharged into the ground will be from human sewage and other domestic uses.*
- (ii) Other types of waste that may be discharged into the ground would be from a dining facility.*
- (iii) None of the items listed will be collected or discharged into the ground.*
- (iv) At 100% occupancy after completion, it is estimated that the maximum occupancy will be as follows:*
  - A. 30 RV sites with two individuals at each site equaling 60 individuals.*
  - B. One five-room bed and breakfast with two individuals in each room equaling ten individuals.*
  - C. Ten cabins with an average of three individuals staying in each cabin equaling 30 individuals.*
  - D. One ranch house with an average of six individuals staying in the ranch house equaling six individuals.*
  - E. Residential habitats may have an average of 10 individuals at full build out.*
  - F. Based on these estimated totals, the entire maximum occupancy of the park is determined to be 116 individuals using and occupying the facilities at maximum capacity.*

*Using information produced by the United States Geological Survey in its publication titled "Estimating Water Use in the United States: 2015 Round of the National Water Use Compilation", the ten short-term cabins would produce a total of 1,200 gallons of wastewater per day. Using the same survey information, five rental rooms at the bed and breakfast would produce 600 gallons of wastewater per day. The estimated amount of daily wastewater generated by recreational vehicles, at an average of two individuals per 30 vehicles, would equal 3,600 gallons of wastewater created. The ranch house would produce about 720 gallons of wastewater per day. The above includes the waste generated by these individuals for their daily activities including but not limited to showering and dining. The residential habitats will have limited services, and may produce 50 gallons a day of sewage.*

*From these calculations, the combined total wastewater generated at 100% occupancy would be approximately 6,620 gallons per day.*

- (v) *The proposed Fowler Creek Guest Ranch may be developed over 22 years as discussed in other areas of this application. There will be multiple types of sewage treatment systems including up to ten pumped storage tanks, septic systems, and/or a membrane bioreactor (MBR) plant developed over the development period as follows:*
- a. The building for the main ranch house and dining area is constructed and currently occupied. This building has an established septic system that will be reviewed and updated and/or enlarged if required.*
  - b. A small community drain field may be constructed to service each of the short-term cabins that will be constructed.*
  - c. Initially, an approved underground storage tank will be used for the collection of sewage from the recreational vehicles. This tank would be pumped by a licensed sewage hauler and taken offsite for treatment. Once the flow becomes adequate, a drain field or small MBR plant could be constructed onsite to treat the collective sewage.*

- d. As the proposed Fowler Creek Guest Ranch continues to grow as described in Exhibit 1 – Narrative, an MBR plant may be created by the proposed guest ranch and constructed for all sewage treatment.*
- (vi) At 100% occupancy after completion, it is estimated that the maximum occupants will be as follows:*
- G. 30 RV sites with two individuals at each site equaling 60 individuals.*
  - H. One five-room bed and breakfast with two individuals in each room equaling ten individuals.*
  - I. Ten cabins with an average of three individuals staying in each cabin equaling 30 individuals.*
  - J. One ranch house with an average of six individuals staying in the ranch house equaling six individuals.*
  - K. The residential habitats will have limited services and estimated to average no more than 10 individuals a day*
  - L. Based on these estimated totals, the entire maximum occupancy of the park is determined to be 116 individuals using and occupying the facilities at maximum capacity.*
- (vii) At full buildout and 100% capacity it is estimated that approximately 116 individuals may occupy the entire facility.*