

1.5 Permitted Design Capacity

0.1 MGD

1.6 SIC Code and Description

SIC Code 4952 – Sewerage systems: Establishments primarily engaged in the collection and disposal of wastes conducted through a sewer system, including such treatment processes as may be provided.

1.7 Description of the Water Pollution Control Plant

Wastewater treatment:

The treatment process consists of an aerated pond, chlorination, and dechlorination. Treated effluent is then discharged to Cat Creek.

Solids processing:

Solids settle and stabilize at the bottom of the waste stabilization pond. The pond will be dredged and dewatered sludge sent to a permitted landfill when needed.

1.8 Type of Wastewater Discharge

- | | |
|---|--|
| <input type="checkbox"/> Process wastewater | <input type="checkbox"/> Stormwater |
| <input checked="" type="checkbox"/> Domestic wastewater | <input type="checkbox"/> Combined (Describe) |
| <input type="checkbox"/> Other (Describe) | |

1.9 Characterization of Effluent Discharge (as reported by applicant)

Outfall No. 001:

Effluent Characteristics (as Reported by Applicant)	Maximum Daily Value	Average Daily Value
Flow (MGD)	0.126	0.093
Five-Day Biochemical Oxygen Demand (mg/L)	21.0	15.39
Total Suspended Solids (mg/L)	22.4	19.275
Fecal Coliform Bacteria (#/100mL)	119	50.35
Ammonia, as N (mg/L)	3.1	2.26
Total Phosphorus, as P (mg/L)	2.7	1.6