

# BUCKHORN COMMUNITY SEWER SYSTEM

## APPLICATION PROCESS

- Application Form Fill out an application form at the Regional District office at 155 George Street. A list of mandatory materials to be used in the install will be provided with the application form. (Please note: tubing must be CSA municipal service tubing 1 ½" nominal series 200.)
- Delivery Request Request delivery of the grinder pump, grinder pump casing, the alarm and alarm panel. **The Regional District requires 48 hours notice to arrange delivery.** Call 960-4400 and the service centre will take the delivery request.

## TERMS & CONDITIONS FOR EXCAVATION & INSTALLATION

- Underground Piping
1. Underground piping shall be laid on a base that is firm and continuous under the entire length of the pipe;
  2. The pipe shall be installed deep enough that a minimum 1.2m (4 ft) of soil cover is provided over the pipe for frost protection;
  3. The outlet pipe from the house shall not change direction or slope between the house and the grinder pump unless approved by the Regional District. The outlet pipe must be 4" DR35 PVC installed at 1% grade.
  4. Only polyethylene pipe with the CSA mark will be permitted.
  5. To allow for pipe contraction, the pipe is to be laid in the open trench in a light 'snaked' manner by bending it from one side of the trench to the other at approximately 100 to 130 feet (30 to 40 m) intervals. Polyethylene pipe shall not normally be unrolled or laid when the air temperature is less than 10 degrees C.
- Cleanouts Clean outs shall be provided as close as practical to the building foundations and shall be installed in accordance with the provisions of the B.C. Plumbing Code.
- Grinder Pump & Alarm Panel
1. Installation of the grinder pump, pump chamber and all accessories (including piping) must be completed by an qualified person (ie. Registered Onsite Wastewater Practitioner) in accordance with the manufacturer's instructions.
  2. The grinder pump must be installed no closer than 10 feet (3.0 m) from the building.
  3. The grinder pump chamber must be buried to the burial depth line indicated on the green lid.
  4. A minimum of 10 feet (3.0 m) horizontal separation must be maintained between the sewer and water laterals.
  5. All fittings must be CSA approved with a minimum pressure rating of 150 psi.
  6. The grinder pump casing is to be surrounded by sandy gravel.
  7. Insulation must be installed if requested by the Regional District.
  8. Once installation of the grinder pump is complete and the alarm panel has been installed and connected, the system must be tested by the Regional District designate. **The Regional District requires 72 hours notice prior to the requested inspection date on the application form.**

## **COMPLETION**

- Inspection
1. The grinder pump and alarm inspection must be complete and approved by the Regional District designate before backfilling can commence.
  2. **If the installation is found to be deficient or fails a pressure test, the deficiencies must be corrected and the system inspected a second time.**
- Connection
- Once the system has been approved the Regional District will turn on the curbstop and the system will be actively connected to the main.
- Backfill
- Backfilling may now commence.