

COMMUNITY: Baker Lake

MOBILE EQUIPMENT FLEET: Fire Truck, Tracked Bulldozer, 2 Wheel Loaders, Dump Truck, Motor Grader, 2 Garbage Compactors, 4 Water Trucks, 4 Sewage Trucks

WATER SUPPLY AND WASTE MANAGEMENT:

SOLID WASTE: The Hamlet's compactors bring domestic waste to a bermed, fenced modified landfill site, 25,000 m² in area, located 1.8 km NE of the community. The adjacent 2600 m² bulky waste site has areas for tires, appliances, etc.

WATER SUPPLY: Source - Baker Lake. The water is chlorinated at the truck fill pump house in the center of the community and delivered by the Hamlet's water trucks. A small piped system serves Health Center, Group Home, Hospice and Nurse's Residence.

SEWAGE: Sewage is collected by the Hamlet's sewage trucks and hauled to the dumpsite located 1.4 km N of the community. From the dumpsite, the sewage flows through a 2100 m long wetlands treatment area before entering Airplane Lake.

COMMUNITY: Whale Cove

MOBILE EQUIPMENT FLEET: Fire Truck, Tracked Bulldozer, Wheel Loader, Dump Truck, Motor Grader, Garbage Compactor, 2 Water Trucks, 2 Sewage Trucks

WATER SUPPLY AND WASTE MANAGEMENT:

SOLID WASTE: Domestic waste is collected by the Hamlet compactor. The waste is discharged at a 40,000 m² modified landfill site, located 1.1 km W of the center of the community. There is an adjacent 9,200 m² site for bulky waste.

WATER SUPPLY: Source - Fish Lake, located 3.5 km N of the center of the community. The truck fill pump house located on the lake operates year-round, supplying chlorinated water to the Hamlet's water trucks for delivery to the community.

SEWAGE: Collected by the Hamlet's sewage trucks. The sewage is dumped into a 15,000 m³ sewage lagoon, located 0.7 km SW of the community. The lagoon effluent is further treated along a 700m flow path through natural wetlands into Hudson Bay.

COMMUNITY: Arviat

MOBILE EQUIPMENT FLEET: Fire Truck, Tracked Bulldozer, Wheel Loader, Dump Truck, Motor Grader, Garbage Compactor, 4 Water Trucks, 4 Sewage Trucks

WATER SUPPLY AND WASTE MANAGEMENT:

SOLID WASTE: Fenced domestic waste cell, 205 m by 168 m, located 2.8 km SE of community, is operated as a modified landfill. Collection by Hamlet Garbage Compactor. Bulky waste cell, 200 by 100 m, is located 2 km SE of community.

WATER SUPPLY. In summer, water is pumped from Wolf Creek, 8 km SW of Hamlet, to a 57,000 m³, 2 cell reservoir, 1.5 km W of the community. Chlorination at reservoir truck fill pump house. Fluoridation will start in 2000. Delivery by Hamlet water trucks.

SEWAGE: Collection by Hamlet sewage trucks. The trucks dump into a 55,000 m³, one cell lagoon, located 2.8 km from the center of the community. In the Fall, sewage exfiltrates through lagoon berms and flows 200 m through a wetlands into Hudson Bay.

COMMUNITY: Chesterfield Inlet

MOBILE EQUIPMENT FLEET: Fire Truck, Tracked Bulldozer, Wheel Loader, Dump Truck, Motor Grader, Garbage Compactor, 2 Water Trucks, 2 Sewage Trucks

WATER SUPPLY AND WASTE MANAGEMENT:

SOLID WASTE: Domestic waste collection by Hamlet Compactor. Waste is hauled to the Hamlet's modified landfill site, 224,000 m² in area, located 3.5 km W of the center of the community. There is a separate 6600 m² area for bulky waste.

WATER SUPPLY: Source -In summer, water is pumped from First Lake, located 4.2 km W of the community, to a 33,000 m³ rock reservoir located 1 km W of the community. Chlorinated water from the reservoir truck fill is delivered by the Hamlet's water trucks.

SEWAGE: Collected by the Hamlet's sewage trucks and trucked to the dumpsite located 3.1 km W of the community. The sewage is treated by the natural wetlands method along a 900 m long flow path before entering Hudson Bay. The wetlands area is 165,000 m².

COMMUNITY: Coral Harbour

MOBILE EQUIPMENT FLEET: Fire Truck, Tracked Bulldozer, Wheel Loader, Dump Truck, Motor Grader, Garbage Compactor, 3 Water Trucks, 3 Sewage Trucks

WATER SUPPLY AND WASTE MANAGEMENT:

SOLID WASTE: Domestic waste is collected by the Hamlet's compactor and discharged at the Hamlet's modified landfill site located 3.2 km N of the community. The site has an area of 20,000 m². There is an adjacent 10,000 m² bulky waste site.

WATER SUPPLY: Source - In summer, water is pumped from the Post River, 2 km NW of the community, to a 40,000 m³ rock-blast reservoir located 1 km N of the community. Chlorinated water from the reservoir truck fill is delivered by the Hamlet's water trucks.

SEWAGE: Collected by the Hamlet's sewage trucks. The sewage dumpsite is located 3.6 km north of the community. Sewage is treated by natural wetlands along a 1150 m flow path before entering a small pond. Area of the wetlands is 70,000 m².

COMMUNITY: Repulse Bay

MOBILE EQUIPMENT FLEET: Fire Truck, Tracked Bulldozer, Wheel Loader, Dump Truck, Motor Grader, Garbage Compactor, 3 Water Trucks, 3 Sewage Trucks

WATER SUPPLY AND WASTE MANAGEMENT:

SOLID WASTE: Domestic waste is collected by the Hamlet compactor. The waste is discharged at a 60,000 m² modified landfill site, located 1.2 km NE of the center of the community. There is an adjacent 60,000 m² site for bulky waste.

WATER SUPPLY: Source - Nuviq Luktujuk Lake, located 4.5 km N of the center of the community. The truck fill pump house located on the lake operates year-round, supplying chlorinated water to the Hamlet's water trucks for delivery to the community.

SEWAGE: Collected by the Hamlet's sewage trucks. The sewage dumpsite is located 1.4 km E of the community. The sewage is treated by natural wetlands along a 1400 m flow path before the effluent enters Hudson Bay. The wetlands area is 64,000 m².

COMMUNITY: Rankin Inlet

MOBILE EQUIPMENT FLEET: 2 Fire Trucks, Tracked Bulldozer, Wheel Loader, Dump Truck, Motor Grader, 2 Garbage Compactors, 2 Water Trucks, 2 Sewage Trucks

WATER SUPPLY AND WASTE MANAGEMENT:

SOLID WASTE: Domestic waste is collected by the Hamlet's compactors and discharged at the 50,000 m² modified solid waste landfill. The bermed and fenced site is located 1 km S of the community. 1200 m² of the site is secured for sewage screenings.

WATER SUPPLY: Source - Water is pumped year-round from Nipissar Lake, 2 km NW of the community, into a 3,000 m³ in-town steel tank. A distribution pump house delivers chlorinated and fluoridated water through HDPE mains. There is a small trucked system.

SEWAGE: Collection by HDPE mains. 2 lift stations pump to the treatment plant where the sewage passes through a 1 mm mesh drum screen. An outfall discharges 450 m out in Prairie Bay at a 10m depth. Screenings go to the landfill. There is a small trucked system.