

**TOWN OF PARMA
LAKESHORE SEWER DISTRICT
INFORMATIONAL MEETING SUMMARY
JULY, 2020**

Project Area Town of Parma
Hamlin Town Line to Lakeside Blvd.
North of the Lake Ontario State Parkway

Population 208 Residential Parcels
524 people

Alternatives On-site Treatment Systems

Space Constraints, High groundwater, Low permeability soils
Environmentally Sensitive Areas (lake, streams, wetlands)

Conventional Gravity Sewer System

Minimum depth of 4.5 feet
Slope at 0.4 feet per 100 feet
4' diameter manholes every 300 feet and at turns
4" lateral from houses to sewer main
Straight Alignments
Lift Stations Required - Deep sewer, groundwater and bedrock conditions

Grinder Pump Sewer System

Small station for each house
10 GPM up to 80 PSI
Single phase 1 horsepower pumps
Electric Costs less than \$3 per month
Small 1 1/4" forcemain for each house
Forcemain can follow grades at 4 to 5 feet deep

Recommended Project

208 Simplex Grinder Pump Station
2 Duplex Stations
66,000 feet of 1 1/4" through 6" forcemain
1 lift stations to pump to MCPW trunk sewer
Total Project Costs \$5.6 Million
REDI Grant 95% \$5.32 Million

Annual Cost per EDU \$73.84 debt service
Annual O & M \$173
Total Annual Cost - \$247 per year

Homeowner Responsibilities

Sign easement for Town access
Connect and maintain lateral from house to grinder pump station
Pay for electrical usage
Make necessary plumbing changes, abandon septic system
Pay initial hook-up fee
Annual O&M

Town Responsibilities

Operate and Maintain Grinder Pumps, Lift Stations and forcemains