



T197 MEGA BUGS PLUS HC™

LOCATION

Long Prairie, MN

PLANT

Activated Sludge

AVERAGE DAILY FLOW

Summer: 1,500,000 gpd and up

Fall/Winter: 1,000,000 gpd and up

PROJECT DETAIL

Goal was to reduce the amount of sludge hauled.

PROGRAM

Add T197 Mega Bugs Plus HC at a dosage of 2 lb per day (added at the head of the plant).



2016	Spring 2016	Fall 2016	Total Gallons Hauled/ Total Cost	2016 Total Effluent Flows
Gallons Hauled	960,000	684,000	1,644,000	393,188 MG
Cost	\$48,722	\$33,775	\$82,497	

2017	Spring 2017	Fall 2017	Total Gallons Hauled/ Total Cost	2017 Total Effluent Flows
Gallons Hauled	720,000	732,000	1,452,000	469,694 MG
Cost	\$35,527	\$37,431	\$72,959	

2018	Spring 2018	Fall 2018	Total Gallons Hauled/ Total Cost	2018 Total Effluent Flows
Gallons Hauled	708,000	450,000	1,158,000	489,182 MG
Cost	\$35,400	\$22,500	\$57,900	

Benefits Witnessed

- ◆ Hauled 42% less sludge since 2016
- ◆ Settling is better, can decant more frequently
- ◆ Smoother running plant
- ◆ Less seasonal upsets

All benefits occurred while influent loadings increased



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