



BUILDING FOR THE FUTURE

Alan L. Horton WWTP Tertiary Effluent Filters

The Alan L. Horton Wastewater Treatment Plant has experienced persistent problems with poor infiltration rates in the percolation ponds due to the high concentration of suspended solids in the secondary effluent. The suspended solids are being trapped in the upper layer of pond soils, plugging voids in the generally poorly graded sandy soils. Staff has excavated and turned the pond floors over at increased intervals; however, poor infiltration rates remain an ongoing problem. To decrease the clogging and increase efficiency of the ponds, a reduction of suspended solids concentration in the secondary effluent is required.

Current Status MODEL DEVELOPMENT

Estimated Schedule

Design: March 2022

Construction: Summer 2023 - Summer 2023

Project Benefits

An added benefit is that this is the groundwork for future tertiary treatment of the plant effluent that would allow the water to be delivered off-site for reuse.

Budget

The budget for this project is \$1.4 Million and it is being funded through the MSWD capital improvements budget.

More Information

To learn more about this and other MSWD groundwater protection and conservation projects, please contact our Public Affairs Office at 760.329-6448 ext. 145.

MSWD-20220722

