

New Denver Metro Plant Plans for Phosphorus Removal

MRI's High-Capacity Inclined Plate Settlers and Vertical Paddle Wheel Flocculators will provide tertiary wastewater treatment for Colorado's new Metro Wastewater Northern Treatment Plant (NTP).

Expected to be operational in 2016, NTP is one of the most advanced wastewater treatment facilities in the western U.S.

MRI equipment was selected to:

- Remove phosphorus
- Meet or exceed stringent standards
- Produce exceptional effluent quality to protect the South Platte River

In a similar tertiary treatment phase at the Snake River Treatment Plant in Dillon, CO, MRI is achieving 90% phosphorus removal prior to filtration.



Inclined Plate Settlers to remove phosphorus at NTP

AT A GLANCE

Product: Inclined Plate Settlers & Paddle Wheel Flocculators

Site engineer: CH2M Hill

Total design capacity: 51.4 MGD

Tertiary basins: 4

Design: Built to site specifications

Celebrating Over 3 Billion Gallons Treated Each Day

Founded in 1978, MRI has thousands of installations of advanced water and wastewater treatment equipment cleaning over 3 billion gallons of water each day. MRI recently installed its 1,000th Hoseless Cable-Vac™ Sludge Collector.



Utah Valley Installs 300th MRI Plate Settler System, Puts MRI Over Three Billion GPD

When the 80 million gallon-per-day Utah Valley Water Treatment Plant came online in 2014 complete with MRI Inclined Plate Settlers, it boosted MRI's total water treated to more than three billion GPD.

Three billion GPD is enough clean water to serve the world population 6.5 eight-oz. glasses of water every day.

With Utah Valley's completion, MRI now has more than 300 installations of its clarifying system. MRI Inclined Plate Settlers use less space and increase basin settling area by 8 - 10 times, which enabled Utah Valley to maximize efficiency at the space-constrained site.

Georgia WTP Receives MRI's 1,000th Hoseless Sludge Collector

MRI installed its 1,000th Hoseless Cable-Vac™ Sludge Collector at the 2.5 MGD Jefferson, GA, Water Treatment Plant. Developed in 2002, MRI's patented Hoseless Cable-Vac™ Sludge Collectors have become the system of choice for engineers since it is proven to be:

- Reliable
- Efficient
- Low-profile for use with plate and tube settlers



Utah Valley WTP/Plate Settlers – Orem, UT



Dalecarlia WTP/Sludge Collectors – Washington, DC

AT A GLANCE

MRI installations:

Treat over 3 billion GPD

Range from 100s of GPM to 100s-of-millions of GPD

Are in the U.S., Canada, Mexico, South Korea & Australia

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