

PUBLIC WORKS
1113 BROADWAY
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Public Works

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WRF STAFF

- **Bill Zimmer—**
Supervisor
- **Ron Donoho—**
Operator
- **Dan Neier—**
Operator
- **Richard Kraft—**
Pretreatment
Coordinator
- **Thanks to Rich
& Bill for this
week's update!**

Joe Gillespie
Director

Mike Lengermann
Supervisor St. & A

Russ Parker
Supervisor W&S

Bill Zimmer
Supervisor WRF

Mike Buss
Supervisor WTP

Clint Conrad
Resident Engineer

Sherry Kesner
Admin. Assistant

Water Reclamation

HWRF Plant

The current HWRF Plant is now operating in its fifteenth year since the last plant expansion. The plant is designed to treat 1.6 million gallons per day of wastewater (under average flow conditions) with a peak flow of 4.0 million gallons per day. The plant can pump an additional 6 million gallons per day during wet weather flow conditions.

As a condition of the HWRF permit, we have submitted a Capacity, Management, Operations, and Maintenance (CMOM) plan, which involves a full system analysis of the City of Highland's collection system. It involves the repair and replacement of many of the City's sewer lines and manholes, many of which date back to the 1930s. It will also serve to address much of the Inflow & Infiltration (I & I) that we are currently experiencing, mainly during wet weather. It will also serve to address any possible cross-connections between the storm sewer and the sanitary sewer system that might be present. A sewer rate study determined how the City will pay for the necessary repairs. The plan and rate proposal will be presented to the City Council for approval.

Future Issues to be addressed at the HWRF Plant

Consumer's obsession with cleanliness, health, and convenience has given rise to the rapid growth of personal hygiene products such as those labeled "flushable" wipes. If a product is labeled as "flushable", is it really safe for plumbing and sewer collection / processing systems? What ultimately happens to the "flushable" wipes when they enter into the collections system? What really happens to these wipes when they get into the wastewater treatment plant? To be continued. . .

