

CITY OF KENT  
DEPARTMENT OF PUBLIC SERVICE

MEMO

January 26, 2007

To: Dave Ruller, City Manager  
From: Public Service Director Staff  
RE: 2007 Division Priorities

**Central Maintenance**

Upgrade of Ice & Snow Control – Salt Brine: As time permits staff is installing a salt brine maker and salt brine storage tanks. Once operational the use of salt brine will decrease the use of calcium chloride and save money when weather permits the substitution of salt brine for calcium chloride.

Relocate Yard Waste Transfer Site: The Yard Waste Transfer Site is being relocated from the Water Treatment Plant to the Plum Creek/Vehicle Maintenance site by City Staff. This work is ongoing as time permits.

**Engineering**

2007 Ongoing Project Administration: There are several major projects ongoing within the Engineering Division requiring a considerable amount of time. The largest project is the Crain Avenue/Fairchild Bridge Project followed by the ongoing Area Q, North Central Storm Sewer Improvements, Franklin Hills Water Lines and the Division's design for the Admore Drive Improvements. Additional time is being spent working with the Parks Department with their hike and bike trail project and a continual attempt to obtain funding for transportation projects and the Safe Route to School Program.

Water Model Update: Engineering staff is updating the City's Water Distribution Model which is used for distribution system design updates and fire flow modeling. In addition to the water model update staff is working with the Central Maintenance Division to implement a database to house information on every fire hydrant in the City.

**Water Reclamation**

Sewer Use Ordinance: Once the Water Reclamation Facility receives its new NDPES permit it will require a re-write of the City's Sewer Use Ordinance. In preparation of the new permit from the OEPA staff has selected a consultant to re-evaluate local limits and has been working as time permits in preparation of the required ordinance re-write.

Industrial Pretreatment Program: Once the Sewer Use Ordinance limits are set the Industrial Pretreatment Permits issued to local industries will require evaluation and possible adjustment to permit limits. Additionally a new database is being developed to provide for better tracking of industrial discharge into the City's sanitary sewer.

### **Water Treatment**

Well Field Exploration and Well Field Protection Program: For many years the City has investigated the location of additional wells to supplement its current well for the City's water supply. The process was placed on hold over a year ago with the potential of a Portage County source being found outside of the City. The County source has not developed as hoped thus returning staff's attention to finding new water well locations. The OEPA and City Staff have started to put together a new Wellhead Protection Program. The new EPA requirements include not only identifying the source of possible water pollution but also outreach and education.

Installation of Gas Driven Electrical Generator: The Water Treatment Plant staff will be installing a gas driven electrical generator to augment the existing gas driven plant pump to continue the operational savings by reducing the electrical power peaking factor. The new generator will allow for two pumps operating simultaneously when needed and will reduce the number of times each year that the peaking factor is surpassed when the gas driven pump is non-operational.

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