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**REPORT TO GANGES SEWER LOCAL SERVICE COMMITTEE  
MEETING OF WEDNESDAY, 22 APRIL 2009**

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**SUBJECT      OVERFLOW CONTAINMENT FOR SCREEN AREA**

**PURPOSE**

To present alternatives and a recommendation for reducing the risk of overflows from screens at the Ganges wastewater treatment plant.

**BACKGROUND**

The influent screen at the Ganges wastewater treatment plant is aging, and is subject to occasional overflows. There is currently no provision to contain such overflows, resulting in a significant risk of untreated sewage running off site. The screen will likely require replacement within the next few years. In the interim, it is proposed to construct a concrete containment curb around the existing screen as an immediate and inexpensive measure to reduce the risk of an overflow off the wastewater treatment plant site. A price of \$3,500 has been obtained from a local contractor to construct a suitable curb. Reserve funds are available for the purpose of completing this work.

**ALTERNATIVES**

1. That the Ganges Sewer Local Service Committee receive this report for information and authorize the expenditure of up to \$5,000 from the capital reserve fund for the purpose of constructing spill containment for the influent screen at the Ganges wastewater treatment plant.
2. That the Ganges Sewer Local Service Committee receive this report for information and direct staff to investigate alternatives and costs for reducing the risk of overflow from the influent screen at the Ganges wastewater treatment plant, including replacing the screen.

**FINANCIAL IMPLICATIONS**

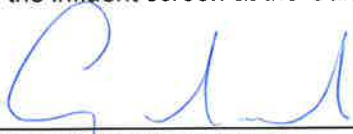
Reserve funds are available to pay the cost of constructing spill containment of the existing screen. Replacement of the screen within the next two years with a new unit including appropriate means to prevent overflows is likely not practicable without borrowing funds.

**SUMMARY/CONCLUSIONS**

An engineering solution is required in order to reduce the risk of sewage overflowing off the Ganges wastewater treatment plant site from the influent screen. A concrete spill containment curb can be constructed at a cost of less than \$5,000, for which reserve funds are available.

**RECOMMENDATION**

That the Ganges Sewer Local Service Committee receive this report for information and authorize the expenditure of up to \$5,000 from the capital reserve fund for the purpose of constructing spill containment for the influent screen at the Ganges wastewater treatment plant.



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Local Services Engineering Coordinator

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