



## Legislation Text

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**File #:** 09-0828, **Version:** 1

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Resolution to Approve a Purchase Order with Trojan Technologies Inc. for Ultraviolet Disinfection System Replacement Parts at the City's Wastewater Treatment Plant (\$60,000.00)

Your approval is requested to authorize a Purchase Order with Trojan Technologies Inc. in the amount of \$60,000.00 for replacement parts to maintain the ultraviolet (UV) disinfection system at the City's Wastewater Treatment Plant (WWTP).

The UV system enables the WWTP to satisfy its National Pollutant Discharge Elimination System permit requirement for disinfection of the plant's final effluent. Operation of the UV system has allowed the WWTP to discontinue the storage and use of two extremely hazardous chemicals, gaseous chlorine and sulfur dioxide. In addition, UV disinfection has eliminated the deleterious effects associated with chlorine disinfection on the Huron River. Replacing burnt and worn out parts (bulbs, ballasts, and hydraulic components) in the UV system is a recurring maintenance activity necessary for the proper function of the system. Trojan Technologies Inc. is the sole certified source from which system components for the WWTP's UV disinfection system can be purchased.

Trojan Technologies Inc. received Human Rights approval on August 19, 2009 and complies with the City's living wage requirements.

Funds to finance this purchase are included in the approved FY10 WWTP Operation and Maintenance Budget of the Sewage Disposal System.

Prepared by: Ed Sajewski, Contract and Project Services Manager, WWTP

Reviewed by: Sue F. McCormick, Public Services Administrator

Approved by: Roger W. Fraser, City Administrator

Whereas, The City's Wastewater Treatment Plant (WWTP) uses an ultraviolet (UV) disinfection system manufactured by Trojan Technologies Inc.;

Whereas, The UV system enables the WWTP to satisfy its National Pollutant Discharge Elimination permit requirement for disinfection and eliminates the hazards associated with the storage and use of two extremely hazardous chemicals, gaseous chlorine and sulfur dioxide;

Whereas, Replacement of burnt and worn out parts is a recurring maintenance requirement necessary for proper UV disinfection system function;

Whereas, Funds for this purchase are available in the FY10 WWTP Operation and Maintenance Budget of the Sewage Disposal System;

Whereas, Trojan Technologies Inc. is the sole certified source of appropriate replacement parts for the UV system; and

Whereas, Trojan Technologies Inc. received Human Rights approval on August 19, 2009;

RESOLVED, That Council approve a sole source purchase order to Trojan Technologies Inc. in the amount of \$60,000.00 for replacement parts of the WWTP's UV disinfection system; and

RESOLVED, That the City Administrator or designee be authorized to take the necessary administrative actions to implement this resolution.