PUBLIC WORKS AND UTILITIES COMMITTEE

09-0639R

RESOLUTION AUTHORIZING ACCEPTANCE OF A COASTAL NONPOINT PROGRAM IMPLEMENTATION GRANT FROM THE STATE OF MINNESOTA, DEPARTMENT OF NATURAL RESOURCES, IN THE AMOUNT OF $5,000, FOR THE PROJECT ENTITLED *IMPROVING WATER QUALITY BY USING ACCURATE GPS TECHNOLOGY* AND COMMITTING LOCAL MATCH.

CITY PROPOSAL:

RESOLVED, that the proper city officials are hereby authorized to execute a coastal nonpoint program implementation grant agreement, substantially the same as that on file in the office of the city clerk as Public Document No. _____, from the state of Minnesota through the department of natural resources waters division and Minnesota's Lake Superior coastal program, for a grant in the amount of $5,000 to be deposited in Fund 0535-500-1900-4220-01, for the project entitled: *Improving Water Quality by using Accurate GPS Technology*, which entails the purchase of a high accuracy GPS unit to accurately mark and locate structures within the city's stormwater, sanitary sewer and water distribution systems.

FURTHER RESOLVED, that a required local match to granted funds in the amount of $5,455 is hereby authorized and shall be payable from Fund 0535-500-1915-5439.

Approved:

Department Director

Approved for presentation to council:

Chief Administrative Officer

Approved as to form:

Attorney

Approved:

Auditor

PW&U/ATTY GBJ:cjk 10/14/2009

STATEMENT OF PURPOSE: This resolution authorizes city officials to accept a coastal nonpoint program implementation grant in the amount of $5,000 and commits a local match to grant in the amount of $5,455 for the project entitled: *Improving Water Quality by using Accurate GPS Technology*.

The purpose of this grant project is to purchase a high accuracy GPS unit which will help the city protect water quality by allowing city staff to better service and maintain utilities. A process and procedure will be developed to train utility operations field staff in how to use the GPS unit to mark critical service points within our utility infrastructure. Many of the city's utility lines run through undeveloped or wooded areas which make key valves, manholes or outfalls extremely difficult to locate and service. Compounding the problem is the deep snowpack that the city often has for five months each year. The GPS unit will have sub-foot accuracy, when there is a utility issue in the future (such as a sewer blockage), it will enable staff to quickly locate the correct manhole and clear the blockage.