



Division of Public Works .
1000 South Houser St.
Muscatine, IA 52761

Recycling Center and Transfer Station

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MEMORANDUM

To: Mayor and City Council Members

Cc: Gregg Mandsager, City Administrator

From: Laura Liegois, Solid Waste Manager

Date: July 12, 2013

Re: Request for Issue a Purchase Order for Monitoring Well at the Muscatine County Landfill

Recycling Center
Transfer Station
Landfill Operations
Refuse Collection

Introduction:

The Muscatine County Landfill's monitoring well MW-30 on the West side of the landfill needs to have additional monitoring as a requirement of the Iowa Department of Natural Resources (Iowa DNR) to meet water quality standards. As part of the landfill's groundwater remediation plan with Iowa DNR, it is required that two monitoring wells will be placed in across from the West side entrance of the landfill.

Background:

Since the summer of 2010, the Muscatine County Landfill has been required additional testing to determine the extent of the ground water quality of monitoring well MW-30. This well is one of the three wells at the landfill that has had issues with meeting the new standards of Iowa DNR water quality for landfills.

In November 2012, staff and HLW Engineers met with Iowa DNR to discuss the issues of several wells, including MW-30. It was recommended to get permission from the Muscatine County Engineer for access place two monitoring wells across the road of Ward Ave. Staff has had discussions with Keith White, Muscatine County's Engineer in late November, 2012. Mr. White has agreed that the wells could be placed in the location requested. Staff will issue the proper paper work for the wells to be installed with the guidance of location from the engineer's office.

Staff requested that HLW Engineering receive pricing for installation of the monitoring wells for MW-30. The following quotes were received:

Team Services, Des Moines, Iowa - \$5,380.00

Cahoy Well & Pump Service, Fredericksburg, Iowa - \$7,250.00

Terracon, Bettendorf, Iowa - \$10,472.00

Rewerts Well Company, Nevada, Iowa - No Response

Recommendation for the issuing a purchase order for two monitoring wells of the Ground Water Remediation Plan for the Muscatine County Landfill:

Staff recommends that a purchase order be issued to Team Services for \$5,380.00 to install two monitoring wells across from the West side of the Muscatine County Landfill.

If you have any further questions in regards to this purchase order request, please contact me.