

AGENDA ITEM REPORT

DATE OF MEETING: February 13, 2017

ITEM: Ordinance Authorizing Professional Services Agreement with Tetra Tech, Inc. in the Amount of \$44,823.00 for Environmental Engineering Services for the Post Closure Monitoring of the City Landfill

STRATEGIC PLAN GOAL: Goal #3 – Quality Infrastructure

BACKGROUND:

This ordinance is for Environmental Engineering and Consulting services for the City's closed landfill. The proposal from Tetra Tech includes annual monitoring, collecting and analysis of the groundwater, preparation of the annual trending analysis, evaluation of significant change in groundwater quality and the preparation of the annual assessment monitoring report. The cost for these services are not to exceed \$44,830.00.

After thirty years of post-closure monitoring of the closed landfill, the Illinois Pollution Control Board (IPCB) issued an official Order on February 4, 2016 which allowed for the adjustment of Groundwater Quality Standards for landfill and allowed for steps to be taken to complete the post closure groundwater monitoring and annual permitting requirement of the landfill. Those steps are:

1. One final year of quarterly analysis and monitoring of the groundwater with the submittal of an annual report on the groundwater monitoring. (Completed October 2017)
2. Two years of annual sampling and analysis of the groundwater with submittal of annual reports. (Final report to be submitted to IEPA in January 2019)
3. The preparation of trending analysis of historical data of chemicals levels found in the groundwater at the landfill. (completed January 2017)
4. Preparation of a survey of all existing wells within one half mile of the landfill.
5. Establishment of an environmental land use restriction that prohibits the installation of new potable wells within one half mile of the perimeter of the landfill. (Madison County to approve ordinance on February 15, 2017)

Upon completion of these tasks and barring any significant change in the groundwater quality, the post closure care and monitors will conclude in early 2019. The City will continue to maintain the site and pump and dispose of the leachate produced from the landfill.

RECOMMENDATION:

It is staff's recommendation to approve the ordinance authorizing the agreement.

ITEM SUBMITTED BY: Dennis Kress, Public Works Director

ATTACHMENTS: Ordinance
Agreement