



Memorandum

Date: 7/11/2019
To: Mark D. Israelson, City Manager
Via: Robin Reeves, Director of Parks and Recreation
From: Renée Jordan, Park Planning Manager
Subject: Change Order Number 1, Park Pond Restoration, Project No. 6862

The Park Pond Restoration project included silt removal and off-site disposal at three locations: White Rock, Prairie Meadow and Hoblitzelle. The proposed activities included vacuuming up silt from each pond floor, staging it at each site to dry in dewatering bags, testing the material, hauling it away and disposing of it off site as fill dirt or at a municipal landfill.

The silt collected at White Rock Trail park was used as fill at another site. However, at Prairie Meadow Park and Hoblitzelle Park, upon material testing and result interpretation, it was determined that the silt collected at these two locations contain heavy metals. The City is required to properly classify and dispose of waste in accordance with state regulations by the Texas Commission on Environmental Quality. Because of the level of heavy metals present in the silt from these two locations, it cannot be disposed of as off-site fill dirt or at a municipal landfill. It must instead go to a non-municipal landfill for disposal.

The project bid was set up to collect two proposals. One proposal was for on-site burial and the other was for off-site disposal as fill dirt or at a municipal landfill without special disposal requirements. The on-site proposal was \$1,908,000. The off-site proposal was \$835,000. Because the on-site burial proposal is not cost effective, the City selected the off-site proposal.

The total value of the project contract is \$835,000. There are no change orders to date. The total of Change Order Number 1 is \$148,000 or 18% of the contract value. Change Order Number 1 includes charges and credits to the contract for the additional costs to haul away material to a non-municipal landfill.

If the modification is not approved, the silt will have to be buried on site. The costs to bury on site are significantly more expensive than disposal at a non-municipal landfill.