



To: Town Council  
From: Mark Heintz – Director of Parks and Recreation  
Date: April 15, 2024  
Subject: Landfill Leachate Pumping System replacement recommendation

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Thanks to an alarm on the system, staff recently found the existing leachate pumping system at the Centennial Park landfill had failed. This system for the newest cell of the landfill includes two lift stations on the west side of the hill. Those lift stations are fed by five separate riser pumps which pull the leachate to the lift station tanks where it is pumped out. Leachate is the liquid by-product derived from solid waste because of trash breaking down. IDEM requires it to be pumped out. Once the lift station pumps are working further investigation will be needed to ensure the five riser pumps are also working.

We reached out to Andrew's Engineering for guidance as they submit reports on the landfill to IDEM, including on the leachate. We contacted EPG who provided all the panels, controls, and pumping system for the Munster landfill. However, they do not provide service to maintain the equipment. It was recommended we contact HD Mechanical Inc., a contractor from Griffith. They are one of the few companies that are familiar with, work on leachate extraction and pumping systems, and the closest to the Munster facility. HD Mechanical does repairs to systems using EPG components. HD Mechanical was engaged to assess the cause of the leachate pumping system failure.

The attached proposal from HD Mechanical Inc. is the result of their assessment of the system. The proposal includes the procurement and replacement of the leachate panel pumping system from the lift station tanks at the Centennial Park landfill at a cost of \$88,540.25.

**Staff recommends:**

A motion to approve the HD Mechanical Inc. proposal #24-1089 Rev-1 dated March 22, 2024 as presented to be paid from the Solid Waste Management Fund and authorize the Council President to execute it.