



Engineering Services Committee Meeting

Meeting Date: November 25, 2025

Landfill Operation & Regulatory Compliance

Landfill Equipment Need and Lease-to-Own Plan

File Reference: 25-014 (A)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve procuring landfill equipment listed at attached Exhibit A at “lease-to-own” terms for continuity of Environmental Services Waste Intake Operation and keep Solid Waste Facility in compliance with its regulatory permit Operation & Maintenance requirements. Lease term is forty-eight (48) months. Monthly and Annual lease total amount is \$79,114.21 and \$949,370.57, respectively, funded by the Landfill annual Capital Funds. /AE
Background:	Debris management permits are temporary and have multiple requirements in order to successfully close. The permit for the final disposal location has to ensure that the material is not stored and is reused for beneficial reuse. The risk in temporarily storing over one million cubic yards of wood chips is that the material can spontaneously combust as it is constantly broken down by bacteria. Risk of fire increases as the mulch is removed from the temporary stockpile because oxygen is introduced into portions of the pile that have not been in contact with air, increasing bacterial activity, so fire safety equipment needs to be on standby. The chosen beneficial reuse for this material at the landfill is to amend the poor sandy soils with organic material to successfully grow grass on landfill slopes. The landfill has been renting needed equipment to handle this material in temporary stockpile storage under emergency procurement. Since it will take years to handle the material for beneficial reuse, the landfill will purchase needed equipment. In the future, the landfill will divert green waste to replenish this needed organic material for future erosion control permit compliance so purchased equipment will be used for the normal equipment life cycle. In order to ensure optimum longevity and use of proposed purchased equipment, additional equipment and tools are needed for appropriate preventative maintenance and repairs, the enclosed list includes those needs.
Analysis:	Landfill employees have identified specific equipment needs for specialized tasks described above. They have optimized a mix of new and used equipment relative to available funds and have identified distributors based upon supplies of hard to find equipment and distributors willing to apply funds from equipment rental to purchase price. While department has done that analysis,

it is possible that not all equipment and costs will remain at the time of purchase so each piece is considered as a general category so “equivalent” pieces are also options.

Financial Impact: Funds in amount of \$2,363,000 available in Landfill (Waste Management) FY2025 capital budget funding.

Alternatives: Not proposed.

Recommendation: Approve procuring landfill equipment listed at attached Exhibit A at “lease-to-own” terms for continuity of Environmental Services Waste Intake Operation and keep Solid Waste Facility in compliance with its regulatory permit Operation & Maintenance requirements. Lease term is forty-eight (48) months. Monthly and Annual lease total amount is \$79,114.21 and \$949,370.57, respectively, funded by the Landfill annual Capital Funds. /AE

Funds are available in the following accounts: (\$2,363,000) 541044210-54.21110 Solid Waste Operational Capital Funds

REVIEWED AND
APPROVED BY: HM/sr