

**ROCHELLE CITY COUNCIL
REGULAR MEETING 9/12/22
AGENDA ITEM NO. ?**

SUBJECT: Approve resolution for the purchase of a Topshot Slinger Manure Spreader

Staff Contact: Adam Lanning

Summary: In August 2022, RMU staff rented a tractor and manure spreader to conduct a full scale trial to dewater sludge produced at the water reclamation facility. Currently, we produce approximately 5,000 tons of sludge per year at an average consistency of 80% water that is hauled to the landfill by Northern Illinois Disposal. After the normal dewatering operation at our reclamation facility the sludge was then slung out on a concrete pad to allow air drying. The trial which lasted 2 weeks, produced a sludge consistency of 15% water. We also conducted lab testing to confirm if this air drying operation can meet federal land application requirements to land apply the sludge rather than disposing of it in the landfill. An application will be submitted to Illinois EPA and should know within 3-4 months if we meet the requirements. Johnson Tractor can provide a tractor to lease at a rate of \$1500 per month and for now that would be the only equipment we would need.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:
Cash Reserve		\$18,500
Total		

Strategic Plan Goal Application: Develop and implement a plan to replace/repair infrastructure to work in concert with the CIP

Recommendation: Approve a resolution authorizing the purchase of a used Topshot Slinger Manure Spreader for \$18,500 from Lenny Bryson Auctioneer.

Supporting Documents:

Document Link 1

Document Link 2

Document Link 3