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TO: Honorable County Commissioners
Scott Arneson, County Administrator

FROM: Greg Isakson, Public Works Director

RE: 20 Sep 22 Committee of the Whole Meeting
Demolition Landfill - Next Step COW

Date: 14 Sep 22

The County's demolition landfill in Minneola Township is filling up and will likely will be full within the next few years.

Staff would like to discuss three options for the landfill before it reaches it's permitted capacity.

Wanamingo Demolition Debris Landfill Disposal Facility

What is next?

Brief history:

- Located in Minneola Township
- Originally permitted in 1983
- 15 acre parcel
- Landfill is currently in the last phase of the permitted facility, and close to capacity (~ 1 - 2 years left)

Where do we go from here:

- ▶ **Option 1: Construct and Operate a Transfer Facility**
- ▶ **Option 2: Continue Existing Operation until full, then close**
- ▶ **Option 3: Start Closure Process Now**

Option 1: Operate a Transfer Facility

- Stop taking additional waste and close the Landfill.
- Re-Zone the parcel
- Design the Transfer Facility
- Apply for an MPCA permit
- Operate the Facility for an undetermined time
- Close the facility at some point and start the 20 year post closure care and monitoring program.

If we move forward with a Transfer Facility, we will likely need to:

- Purchase the land
- Build a concrete pad for dumping the waste
- Build a roof over the concrete pad to prevent water infiltration
- Purchase equipment to load and haul waste to another facility
- Hire staff

Option 2: Continue operations until capacity is achieved, then close and start the 20 year post-closure care and monitoring program.

- ground water monitoring
- mowing
- repair of any damages to the Landfill structures (fencing, berms, cover, stormwater structures and monitoring wells)

Note: the 20 year post closure care and monitoring does not start until closure

Option 3: Close the facility now and start the 20 year post closure care and monitoring program.

The 20 year post-closure care and monitoring would start as soon as it is closed

Concerns:

- 20 year monitoring period will not start until closure
- The list of monitored elements expands with time
- The 'Action Threshold' of existing elements can change, can get smaller and easier to meet
- Meeting an Action Threshold can trigger an order from the State to clean up the landfill

Questions?

Comments?