

MINUTES
CLAY COUNTY SOLID WASTE ADVISORY COMMITTEE
8:00 A.M. THURSDAY FEBRUARY 25, 2021
THIRD FLOOR COMMUNITY ROOM A/B, COURTHOUSE

Members Present: Kevin Campbell, Roger Richman, Wayne Lepper, Russ McDougall, Russ Colson, Everett Nelson, Chuck Hendrickson, and Cliff Bang. Joining virtually: Joe Pederson and Jenny Mongeau

Others Present: Kirk Rosenberger, Julie Kennedy, Shannon Thompson, Stephen Larson, Todd Bratlien, Mary Aldrich, and Kathy Ihle. Joining virtually: Matt Evans, Marlon Mackowick, Andrew Feia, Brett Rice, Dave Overbo, Heidi Ringhofer, and Jeannie Given.

The meeting was called to order at 8:00 a.m.

On motion by Roger Richman, seconded by Russell McDougall, and unanimously carried, the Committee approved the agenda.

On motion by Joe Pederson, seconded by Jenny Mongeau, and unanimously carried, the Committee approved the minutes from January 28, 2021.

Marlon Mackowick – Annual Landfill Report

Marlon Mackowick of Wenck, presented a summary of the annual 2020 Clay County Landfill Report. Volumes of waste managed (ag, appliances, asbestos, ash, contaminated soil, etc.,) were down except residential waste. Incoming waste disposed totaled 50,937 tons. Mackowick said there are approximately 60 years of capacity remaining at the current landfill.

There are 12 gas probes at the landfill that measure methane gas around the landfill's perimeter to ensure gas is not leaving the site. Gas probe 3, by the old office has showed improvement. Ten remediation gas vents of former Area I show no correlation to testing results. Methane can be high one month and zero the next month. The landfill gas flare averages 85 cubic feet/minute at 50% methane and is on-line 80% of the year.

Leachate hauled in 2020 showed an increase at 3,488,900 gallons compared to 2,173,800 gallons hauled in 2019. Leachate composition has been stable for the past 5 years. Leachate is sampled quarterly for a comprehensive list of metals and VOCs, and monthly for BOD, COD, TSS and pH.

Andrew Feia – Annual Landfill Water Report

Andrew Feia of Wenck, presented the 2020 Clay County Annual Landfill Water Report showing water quality. Health Risk Limits (HRL) are standards developed by the Minnesota Department of Health (MDH) for contaminants in the groundwater based on Environmental Protection

Agency (EPA), MCLs and risk-based exposure. The landfill is required to meet these standards at the compliance boundary.

The 2020 monitoring highlights show: No change in groundwater flow, Vinyl Chloride IL Exceedances (2) in W-2, Arsenic (5), Manganese (10), Nitrates (1), IL exceedances in compliance wells, Manganese (11), HRL exceedances in compliance wells. VOCs were detected in EMS compliance boundary well W-2 (upper aquifer). Vinyl chloride exceeded the IL in W-2 (spring and fall). Inorganic exceedances for many wells were arsenic, manganese, and nitrates. The arsenic and manganese are of natural origin.

Feia recommended continuing the EMS and continued monitoring W-2 for vinyl chloride trending; Monitor IL/HRL inorganic and metal exceedances; Evaluate compliance wells W-203B and W-1; and evaluate additional protections for W-203B. W-1 well casing is to be evaluated in 2021 for extension. No further corrective action is necessary. The landfill has conducted several corrective actions.

Matt Evans – Landfill Project Updates

Matt Evans said there has not been much going on because of the cold weather. The boiler submittal was approved, and they are awaiting delivery.

Kevin Campbell – Perham Updates

Kevin Campbell said there was a partial shutdown for one of the boilers that is part of the \$2 million bond. The work that has been done looks good and things are running efficiently.

Campbell announced that a clean energy bill is being introduced at the state level. By the year 2040, everything will be clean energy. The facility will not be in line with the bill with the way the bill is currently written. A letter will be drafted for joint boards to send in for possible modifications. A property evaluation will be done for a potential change in insurance companies, but unsure who will be doing that.

Kirk Rosenberger – Resource Recovery Campus Update

Kirk Rosenberger said the MPCA (Minnesota Pollution Control Agency) is asking for a 3% tax on all general revenue at landfills. The money would be used to hire more staff to work on waste reduction activities in the metro area.

Rosenberger reported there were eight responses to the Request for Qualifications (RFQ) for the new Resource Recovery Campus. After reviewing the applications, the committee recommended four companies for interviews next Wednesday.