

CLINTON COUNTY AREA SOLID WASTE AGENCY
JULY 20, 2023

8 PRESENT

Vice-Chair Pray called the meeting to order at 6:30 PM. Roll call was taken; those present were;

Clinton - Schemers	Clinton County – George	DeWitt – Chrones
Camanche - Bowman	Andover – White	Delmar – Goodall
Grand Mound - Lange	Low Moor - Pray	

We have 8 votes present; 5 votes needed for majority and 6 needed for a super majority.

Clinton made a motion to approve June 15, 2023 minutes. Andover seconded.

Delmar mentioned a correction was needed. He mentioned that the crop ground prices he said were \$300 per acre, not \$200. All members agreed to the amendment to the minutes. Motion unanimously carried.

AUDIENCE COMMENTS: None

UNANIMOUS CONSENT CALENDAR: Clinton made a motion to approve the Unanimous Consent Calendar. Low Moor seconded. Motion unanimously carried.

DIRECTOR OF OPERATIONS AND EDUCATION REPORT – Brad Seward

A. DNR Inspection Follow up

ATTACHMENT #1

Attached is the DNR inspection report from June. No issues were noted. This is for informational purposes.

B. Potential Landfill Gas to Energy Project Opportunity UPDATE – Vespene Energy Presentation – Brett Arnold –

Thanked Board for having him. Excited with your site as a potential project based on publicly available data.

Vespene is a landfill gas to electricity project developer. We bring 100% of the capital to a project, as well as on-going maintenance.

There are generally two types of projects for landfill gas, RNG which goes to a pipeline and electricity.

Sites this size for gas threshold you are required to flare or use the landfill gas.

We'd like to come in like to help with this project.

For RNG you need a pipeline nearby and the cost is high. It's lucrative, but needs a lot of LF gas.

Electricity is cheaper. A lot less economical long term.

We wanted to create another type of project. We focus on landfills not collecting gas, sites that flare gas, and as a bridge to a larger project.

We build a self-sustaining micro-grid. LF gas is converted to electricity and used to power an on-site data center. Companies are finding ways to get data centers off grid.

That's phase one. We're selling data to a satellite. There is a pilot project that went on line in Wisconsin.

These are small buildings used to contain computers.

Phase two, is using some of that power on site for needs.

Phase three, would be connection to a grid. It takes 3-5 years to do that.

Camanche: Is there a particular sized project that works better?

Arnold: this size facility is pretty much what we're looking for.

We bulk these several projects together for better rates. Space needed is about the size of three 40-foot shipping containers for the data center.

Clinton: asked about Welton site? Seward: too small and too old of site likely. Arnold: Closed sites not collecting or flaring are difficult.

DeWitt: asked about placing these on closed cells. Arnold: need fairly stable land that is not settling. May work with a solar partner in the future, too. Looking into that.

Our project doesn't destroy gas, but conditions it to be used.

If/when you reach the EPA threshold you will need to have a system in place.

Next step would be to have a signed letter of intent. That would give us six months to analyze the site and determine viability.

We'd like that LOI to be signed and then we can project amount of gas, proceeds, etc.

Initial rough projections for a site this size could mean \$200K to \$250K annually during life of project.

DeWitt: is this going to require additional security? Arnold: we secure and monitor the data centers.

Cost of investigation? Arnold: we cover that.

Andover: what is the revenue split? Arnold: depends on amount of gas coming from landfill. Usually have a 10–15-year agreement.

If not viable, then what happens? Arnold: we believe this site will pencil out, but it's not viable we will walk away with no cost incurred to you.

Delmar asked about waste generated from conditioning. Arnold: not 100% sure and waste can be handled locally usually.

Seward: will send off the e-mail PowerPoint and proposed LOI to board members. This will be done in preparation for next meeting.

Clinton County: What's turnaround time? Arnold: could be turned around quickly.

Arnold: 25-30 sites getting information in line. Nine months of so.

Several sites in Iowa being looked at.

Delmar asked if we're smallest facility? Arnold: No.

Seward said he will send out the information before the next meeting.

- C. Fiscal Year 2023 Audit Proposal Input – We are finishing up the audit for FY 22. Does the board want me to seek another proposal from the state of Iowa once again. The past few proposals from the state have been very reasonable. General consensus was yes.
- D. Fiscal Year 2023 Intake Update – For fiscal year 2023 intake for the landfill was up to 54,460 tons. This is up over 1200 tons from FY 22 (53,201).
- E. Certificates of Deposit Update – The Executive Board wanted to make our money grow a little bit more. With input from accounting staff, the E-Board authorized two additional two-year CDs with Citizen's First for 250K each (4.95%). Also, we transferred the 2,026,556.50 the matured July 11 into a new two-year CD (4.95%).

ENGINEER SITE REPORT – Jeff Phillips of SCS Engineering

Financial Assurance – Waiting on audit for final number.

Low Methane detection found in a grate in recycling center. Nothing to report yet, but will recheck next quarter.

Sampling for groundwater in August on site.

Proposals for landfill expansion and leachate collection renovation project will likely be before the board next month.

Airspace analysis report: Conducted in early summer. Goal is to achieve at least 1000 lbs. per cubic yard of compaction or better. 1318 yards per cubic yard was achieved during the period surveyed. This is good.

Assuming similar tonnage remains steady, all cells constructed, space is about 6 years.

Clinton asked if this was the current cell? Seward: this is over all constructed cells.

Seward: Can't work right up until the six years, because you will need room to construct and useable space narrows as landfill grows.

Seward: We probably have 3.5 to 4 years to go before designing and bidding a new cell.

Phillips: 60 years of permitted cell. That's only what's on paper now. Expansion plans would increase that number.

Phillips: leachate seep has been well cared for.

LANDFILL OPERATIONS REPORT – NONE

COMMUNICATIONS FROM ANY AGENCY MEMBERS OR THEIR CONSTITUENTS: DeWitt: Thanked Clinton, Brad, Jeff Rittmer, Camanche (Varner), and all parties for working on the sewage cake situation.

UNFINISHED BUSINESS:

- A. UPDATE: Contract Commercial Agreement Template – SCS has reviewed this template and has made proposed changes. It has been suggested that this be reviewed by a small committee or the Executive Board and then taken to our legal for review and potential changes.

Volunteers for committee include Executive Board, Clinton, potentially Clinton County.

Clinton County: didn't get any recommendations and from her suggestions.

Clinton: Thanked SCS for helping with changes.

B. Fiscal Year 2023 Budget Proposal

RESOLUTION # 1

The board approved the increases for July 1st, which did go into effect, but unfortunately the budget itself was not approved and was skipped past. Could we approve this budget?

DeWitt moved to approve the fiscal year 2023 budget. Andover seconded. Roll call vote was taken.

Clinton – Schemers - Yes	Clinton County – George - Yes	DeWitt – Chrones - Yes
Camanche - Bowman - Yes	Andover – White - Yes	Delmar – Goodall - Yes
Grand Mound - Lange - Yes	Low Moor – Pray – Yes	

Motion was approved 8-0.

NEW BUSINESS

A. Updated Depository Resolution

RESOLUTION # 2

With the county levy having been submitted, by July 30th, that amount must be transferred to a closure/post-closure account. With that being said, the amount of the closure-post closure account will surpass our previous resolution (combined with the higher interest rates). We will need to approve a new resolution.

Clinton: Could we take \$25K out of general accounts and make it \$250K for a closure/post-closure certificate of deposit.

DeWitt: wouldn't it be less than that proposed amount? Seward: it could be.

Seward: If interest takes off then we'll have to amend it again.

Low Moor: Could we do both? Because we're so close to the max amount in the account.

Clinton: I like that.

Low Moor made a motion to approve the depository resolution update and approve a \$250 thousand closure/post-closure CD. Andover seconded.

Andover: Asked if it would be Citizen's First? Seward: That would be with Citizen's First Bank.

Roll call vote was taken.

Clinton County – George - Yes	DeWitt – Chrones - Yes	Camanche - Bowman - Yes
Andover – White - Yes	Delmar – Goodall - Yes	Grand Mound - Lange - Yes
Low Moor – Pray – Yes	Clinton – Schemers - Yes	

Motion was approved 8-0.

EMERGENCY BUSINESS: NONE

DeWitt made a motion to adjourn; until July 20th, 2023, at the Recycling Center at 6:30 PM. Adjourned at 7:16 PM.