

**CITY OF ANTIGO
PUBLIC WORKS COMMITTEE
MINUTES OF MEETING HELD
SEPTEMBER 24, 2025**

Public Works Committee of the City of Antigo met in Regular Meeting on the above date at 5:30 PM in the Council Chambers, City Hall, Ward 9 Scott Henricks presiding.

Attendee Name	Title	Status	Arrived
Barb Rebstock	Ward 1	Present	
Roy Dieck	Ward 2	Present	
Mark Edwards	Ward 5	Present	
Joel Wagner	Ward 6	Present	5:33 PM
Scott Henricks	Ward 9	Present	

Others in attendance were: Kaye Matucheski, Clerk-Treasurer/Finance Director; Daniel Duley, Police Chief; Kirk Packard, Street Commissioner; Corey Smith, Fire Chief; Elizabeth McCarthy, Building Inspector/Zoning Administrator; Charley Brinkmeier, Land Surveyor/Project Manager; Sarah Repp, Parks, Recreation, and Cemetery Director; Thomas C. Bauknecht, Mayor; Kevin Smith, Alderperson Ward 8; Rhonda Christian and Darla Hoerman.

Minutes Approval

1. Approve the Minutes from the August 13 and August 27, 2025 Meetings

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Mark Edwards, Ward 5
SECONDER:	Roy Dieck, Ward 2
AYES:	Rebstock, Dieck, Edwards, Wagner, Henricks

Discussion and Action May Occur on Any of the Following Agenda Items:

1. Sanitary Landfill 1357 Methane Detection

Charley Brinkmeier, Land Surveyor/Project Manager stated well one has had a high methane detection. He noted that it is not to an explosive limit but high enough that the Wisconsin Department of Natural Resources (WI DNR) would like the City to address the issue. He noted Sand Creek Environmental recommended installing four more passive vents with solar fans. Mr. Brinkmeier stated Sand Creek Environmental is going to install the vents with the ability to attach a vacuum to draw out the methane if needed. He noted if the vents need to be converted then electric will need to be set up.

Upon inquiry from Alderperson Rebstock, Mr. Brinkmeier explained they will bore down about thirty feet and line the hole with a three or four inch diameter pvc pipe with vents in it and fill it with wash stone to the top allowing the methane to be released. He noted this is the same process that was completed about ten years ago. Alderperson Rebstock questioned if those vents were still operational. Mr. Brinkmeier noted that they are still operational but something must be deteriorating to cause an increase in methane.

Mr. Brinkmeier stated the City did inspect the methane detectors in the Krueger and Steinfest building to ensure safety of the building.

Mr. Brinkmeier stated Sand Creek Environmental estimated a cost of \$31,800 and stated the funds would come from the long term monitoring account for the landfill.

Upon inquiry from Alderperson Henricks, Mr. Brinkmeier confirmed that this is an estimated cost currently. Alderperson Rebstock questioned if the vents would be installed this year. Mr.

Brinkmeier stated they would be installed this year and be monitored through the wintertime to assess if further action is required.

Motion to Approve Sanitary Landfill 1357 Methane Detection System for \$ 31,800

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Roy Dieck, Ward 2
SECONDER:	Barb Rebstock, Ward 1
AYES:	Rebstock, Dieck, Edwards, Wagner, Henricks

2. Wastewater Treatment Plant Solar Project Report

Mr. Brinkmeier stated he spoke with Wisconsin Public Service (WPS) and in the month of August there was approximately a \$3,200 savings due to the solar panels located at the Wastewater Treatment Plant (WWTP). Mr. Brinkmeier noted that it was a pretty significant savings. Upon inquiry from Alderperson Edwards, Mr. Brinkmeier noted he does not recall the exact cost of the project and would need to look it up. Upon inquiry from Alderperson Edwards, Kaye Matucheski, Clerk-Treasurer/Finance Director stated the WWTP solar grant is going to be submitted in the next week, noting the grants require a lot of very specific information. She stated because of the Buy America, Build America grant requirements, there needs to be certification that the parts are American made. Ms. Matucheski, stated the WWTP and the Library solar projects had different contractors. She noted that the WWTP contractor has much of the required information already and noted that Toni Edge, Antigo Public Library Director, has been working a lot of hours on getting the information together for the Library Solar Project. Ms. Matucheski stated she is confident that the City should get reimbursement for both projects.

RESULT:	INFORMATION ONLY
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3. Wastewater Treatment Plant Future Industrial Flow and Loading Evaluation and Request for Proposal

Mr. Brinkmeier stated there was an industry that approached the City, wanting to increase their flow rate and biosolids to the WWTP. He stated the City commissioned a capacity study with Strand and Associates, Inc. and found that the City has a little room for increased capacity but not a lot.

Randy Langer, Strand and Associates, Inc., provided a draft report and noted the City tasked them with analyzing what increased flow would mean for the WWTP. Mr. Langer stated the industry that reached out to the City, stated they are looking to expand their processes which would mean more flow to the WWTP that could be up to 25 percent to 100 percent more than they are already sending. Mr. Langer stated when they are evaluating a situation like this, they look at a number of things but noted there are two key parameters, flow rate, can the WWTP handle the additional flow from a hydraulic capacity perspective and biological demand on the WWTP. He stated the biological demand is the organic pollutants in the waste stream that need to be treated and broken down. Mr. Langer stated the WWTP only has so much capacity to complete that process.

Mr. Langer stated as part of the study they also look at population projections for demand needs and noted the Department of Administration releases population projections every ten years based on the census data and they project Antigo to lose some population.

He stated the hydraulic capacity of the WWTP is at about 89% of the design flow based on what is currently coming to the WWTP. He stated the industry currently sends 100,000 gallons per day but does have a higher concentration of organic loadings. He noted if the industry were to

double that amount the WWTP would be under the design capacity from a hydraulic perspective.

Mr. Langer stated the organic capacity was looked at next, stating they looked at what the industry currently sends to the WWTP. He noted they then looked at scenarios of 25 percent, 50 percent, 75 percent, and 100 percent increases of the organic loading. He stated when looking at this they also need to look at a number of processes together. Mr. Langer stated the bottom line is there are three parallel trains that have aeration tanks followed by a final clarifier. He noted two are in service and one has been out of service for several years and could potentially be brought back into service, noting that would require some work.

Mr. Langer stated with the two trains that are in service there likely would be enough capacity to take on additional loading from the industry. He stated as you work further into the system there would start to be a bottleneck in the sludge storage facility, so if they send more organic loading into the plant there will be more sludge. Mr. Langer stated the WI DNR requires that the WWTP has 180 days' worth of storage for sludge. He stated the City would probably need to consider additional sludge storage. Mr. Langer stated if the WWTP were to accept the additional load the WWTP would be out of excess sludge storage capacity with just those two trains. He noted the third train should be looked at for repair for redundancy and back up.

Mr. Langer stated Strand and Associates, Inc., recommend that if that industry increases their flow by 50 percent the WWTP should at minimum look at changes to blower controls for more flexibility with the blowers, to add capacity to the tanks for about \$130,000. He stated the bigger item would be sludge storage expansion for about \$1.8 million. Mr. Langer stated for about \$2 million dollars the WWTP could comfortably take significantly more load from that industry.

Mr. Langer spoke about other planning level costs for other improvements that would be worth considering. He noted about \$750,000 to rehab the third aeration tank, \$800,000 to rehab the final clarifier tank and \$1.1 million for increasing aerobic digestion capacity. He noted those are suggestions to provide more redundancy and flexibility at the WWTP.

Upon inquiry from Alderperson Dieck, Mr. Langer stated the WWTP does not have the capacity for significant whey stream flow, noting if that was something that would be sent to the WWTP it would need to be pretreated at the industry.

4. Discuss Condition of Wastewater Treatment Plant and Status of Request for Proposal for Full Scope Study of Wastewater Treatment Plant

Mr. Brinkmeier stated he had Mr. Langer review the request for proposal and made a few corrections. He stated after speaking to a few engineering firms, 30-50 days of review time was determined to be a reasonable time frame. Mr. Brinkmeier stated that would give engineering firms opportunities to walk through the WWTP. He noted a recommendation for an engineering firm will be brought to the November Public Works Committee meeting.

RESULT:	INFORMATION ONLY
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Any Other Matters Authorized by Law to be Considered

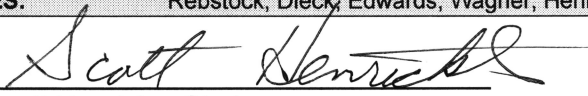
Alderperson Henricks stated a few citizens have brought some concerns about an increase of deer being struck on the road on the bypass by the old landfill. They wondered if there could be a deer crossing sign placed.

Mr. Brinkmeier stated the City could pass that concern on to the County and the State as it is their jurisdiction.

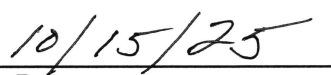
Adjournment

1. **Motion to:** Adjourn at 5:50 PM

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Roy Dieck, Ward 2
SECONDER:	Barb Rebstock, Ward 1
AYES:	Rebstock, Dieck, Edwards, Wagner, Henricks



Scott Henricks, Chairperson



Date