

Fairfield WPCF Digester Cleaning – Project Cost \$625,000

1. **Background** – The Primary digester at the WPCF has been part of the sludge treatment process since the plant’s inception in the 1950’s. The sludge waste streams are fed to the digester for solids destruction and methane gas production used for mixing and heating. On April 24, 2022 the fixed metal roof of the tank was lifted from its mounting brackets due to a suspected clogged outlet pipe which caused an overflow condition. The pressure exerted on the cover caused it to break ten of the twelve mounting brackets.
2. **Purpose and Justification** – The purpose of the request is to complete the removal of the material inside the tank and have it disposed of at an authorized disposal facility. Which will then allow the WPCF to determine the needed repairs.
3. **Detailed Description of Proposal** – The bid was generated per the specifications given by an Engineering firm familiar with this kind of work.
4. **Reliability of Cost Estimate** – Based on a scale of 0 to 10, this is a 10. The project has a firm price obtained through the bid process.
5. **Increased Efficiency or Productivity** – Efficiency and productivity will improve, as inorganic material that is estimated at 10 feet will be removed. This will allow the tank to hold more process generated solids, increase time in the tank for more digestion of material.
6. **Additional Long Range Costs** – None, other than cleaning every ten years.
7. **Additional Use or Demand on Existing Facilities** – None.
8. **Alternatives to this Request** – None. Specialized contractors needed for this work.
9. **Safety and Loss Control** –None for Town.
10. **Environmental Considerations** –None- All work to be completed will be in the confines of the plant and process drainage.
11. **Insurance** – The selected contractor will be required to carry the necessary insurance prescribed by the Purchasing Department.
12. **Financing** – Funded through the WPCA fund balance.
13. **Other Considerations**: None.

Other Approvals:

WPCA Committee	-	Sept 13, 2022
Board of Selectman	-	Sept 14 2022
Board of Finance	-	Sept 2022
RTM	-	Sept 2022

From: Joseph Davanzo <davanzoj@optonline.net>
Sent: Tuesday, September 13, 2022 7:18 PM
To: Carpenter, Jennifer <JCarpenter@fairfieldct.org>; 'Mark Elletson' <elletson@me.com>
Cc: Bodie, John <JBodie@fairfieldct.org>; Schmitt, Jared <JSchmitt@fairfieldct.org>
Subject: RE: Motion Tomorrow Night

The motion highlighted below, was passed 5 to 0 by WPCA Commission.

The motion was moved by Matt Manchisi. Seconded by Chris Steiner. Also approved by Joe D'Avanzo, Ron Drew and Tom McCarthy.

No amendments.

Joe

Sent from [Mail](#) for Windows

From: [Carpenter, Jennifer](#)
Sent: Monday, September 12, 2022 4:19 PM
To: 'Mark Elletson'
Cc: [Joseph Davanzo](#); [Bodie, John](#); [Schmitt, Jared](#)
Subject: RE: Motion Tomorrow Night

Ps- Joe, either Tuesday evening after the vote or Wed. morning, can you please email me who moved and who seconded, if it carried unanimously and any amendments made to the item? Thx!

On Sep 12, 2022, at 3:52 PM, Carpenter, Jennifer <JCarpenter@fairfieldct.org> wrote:

Thank you so much. Tomorrow, I'll email you and John Bodie (and Jared) the agenda and Webex instructions.

We appreciate your time and help!

*Jennifer Carpenter
Deputy Chief of Staff
First Selectwoman's Office
725 Old Post Road
Fairfield, CT 06824
203-256-3095*

From: Joseph Davanzo <davanzoj@optonline.net>
Sent: Monday, September 12, 2022 3:50 PM
To: Carpenter, Jennifer <JCarpenter@fairfieldct.org>
Cc: Bodie, John <JBodie@fairfieldct.org>; mark elletson <elletson@me.com>
Subject: Motion Tomorrow Night

Jen,

I will be handling the meeting in Mark's absence.

See highlighted motion below.....

If it changes from this wording I will let you know Tuesday night or Wednesday first thing.

Joe

Sent from [Mail](#) for Windows

From: [Joseph Davanzo](#)

Sent: Monday, September 12, 2022 11:53 AM

To: [Matthew Manchisi](#)

Cc: [mark elletson](#)

Subject: Motion Tomorrow Night

Matt,

Mark will not be available tomorrow evening.

Appreciate if I can call on you to make the motion.

For example.

Motion to approve expenditure from WPCA funds for up to \$625,000, funding the cleanout of the damaged plant digester. This funding is to cover Removing/ Dewatering, hauling and properly disposing of sludge/solids/grit from the Digester.

Thanks

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