

RESOLUTION NO. 2018-14

**A RESOLUTION OF THE CITY OF MABTON, WASHINGTON,
AUTHORIZING THE WASTEWATER TREATMENT FACILITY
AERATION BASIN CLEANIGN PROPOSAL WITH APOLLO INC.**

WHEREAS, City of Mabton maintains a Wastewater Treatment Facility for the benefit of its citizens by and through the services of a contractor, Apollo, Inc. ("Contractor")

WHEREAS, as part of recent upgrades to the Wastewater Treatment Facility, the city installed a new fine screen which was designed to remove rags and other materials from the influent stream at the facility. The screen has had multiple issues which had to be addressed by the manufacturer. This caused a buildup of inert debris in the aeration basin.

WHEREAS, the City Engineer (Gray & Osborne) drafted an Agenda Memorandum regarding the need to clean the aeration basin due to the failure of the fine screen and the resulting buildup of inert debris. A copy of this memorandum is attached hereto and marked as Exhibit A.

WHEREAS, the City Engineer (Gray & Osborne) has recommended that City and Contractor share the cost to clean the aeration basin to address damage and wear on equipment as recommended in Exhibit A.

WHEREAS, the fiscal impact of the cleaning to the City will be a cost of \$11,407.00 to be paid out of the sewer fund. This impact reflects the cost of renting equipment and necessary supplies which reflects the cost of a normally scheduled cleaning of the aeration basin.

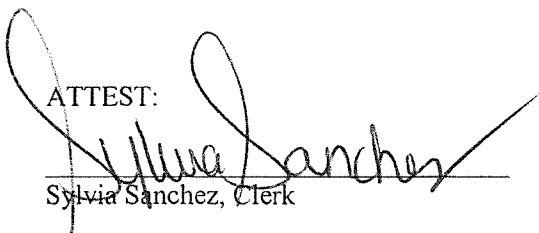
WHEREAS, it is recommended by the City Engineer (Gray & Osborne) in Exhibit A, that the aeration basis is cleaned and inspected every 2-3 years to ensure that the equipment is maintained and functioning properly.


NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MABTON AS FOLLOWS:

1. The City Council approves and agrees to the Wastewater Treatment Facility Aeration Basin Cleaning Proposal with Apollo, Inc. as presented and as outlined in Exhibit A.

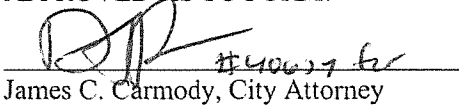
PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MABTON, WASHINGTON this 12th day of June, 2018.

ATTEST:


Sylvia Sanchez, Clerk


Laura Vasquez, Mayor

APPROVED AS TO FORM:


James C. Carmody, City Attorney

City of Mabton, Washington

City Council Meeting – Agenda Memo

Meeting Date: June 12, 2018

Submitting Department: Public Works

Contact Person: Nancy Wetch

Subject:

For Office Use Only:

- Bid Opening
- Public Hearing
- Public Meeting
- Misc. Reports
- Consent Agenda
- New Business
- Old Business
- Informational Only

1. Purpose Statement: Due to a combination of equipment failures and operational issues, the fine screen failed and as a result excessive inert debris entered the aeration basin. This excessive debris is causing problems with the mixers and is likely causing some additional wear on equipment. The debris needs to be manually removed from the basin as it is generally floating along the bottom and does not surface or have the ability to be pumped out of the basin by the process equipment.

2. Background/Alternatives:

As part of the recent upgrades to the WWTF the City installed a new fine screen. This device is designed to remove rags and other inert materials from the influent stream at the WWTF. The fine screen had numerous issues that the manufacturer has addressed. The manufacturer was on site the last week in May to continue to work with the PW Staff ensuring these issues have been resolved.

In addition to the manufacturer issues, there have been other operational issues that have likely caused the bypass of rags.

Due to the fact this is a combination of manufacturer and operational issues the Contractor proposed that the City and the Contractor cost share in cleaning the basin. In order to clean the basin, the Contractor will start-up the oxidation ditch and transfer flow while the Contractor cleans the basin.

The City's portion of the costs are all related to renting equipment, supplies, etc., which are all costs that the City would have incurred had this been a regularly scheduled cleaning. Gray & Osborne recommends cleaning basins every 2-3 years where possible.

3. Attachments: None.
4. Fiscal Impact: The City's portion of the cleaning will be paid out of the sewer fund in the amount of \$11,407.00.
5. Staff Impact: PW Staff would be required to adjust the process accordingly to accommodate the start-up of the ditch. The PW staff has been aware of this schedule since April 20, 2018.

6. Legal Review: The agreement has been discussed with the City Attorney.
7. Recommendation: It is recommended that the City accepted the proposal for the following benefits:
 - A. It is recommended that the City clean their Aeration Basin every 2-3 years and inspect the equipment regardless of the circumstances. The basin has been in service over 2 years.
 - B. It is an opportunity for the City to clean the basin without any PW Staff involvement with the exception of assisting with biosolids management.
 - C. It is a good opportunity to exercise the equipment at the oxidation ditch, which has been idle for over 2 years.
 - D. It is unlikely that the Contractor will pay for any costs beyond those outlined due to some of the operational issues that were not construction related. The City would have to take legal action, which would be very costly.

8. Suggested Motion/Recommended Action:

"I move that we agree to the Wastewater Treatment Facility Aeration Basin Cleaning Proposal with Apollo, Inc., as presented"