

Board of Trustees
Washtenaw Community College

ACTION

4800 E. Huron River Drive
Ann Arbor, Michigan 48105-4800

Subject
By Pass Sanitary Drain System

Date
November 15, 2022

BACKGROUND

The existing sanitary drain system that serves our entire campus, is a 52-year-old ductile iron pipe system. This pipe system runs from a lift station located in Community Park, to a discharge point (manhole) located near the NW entrance of East Huron River Drive. Due to a number of reasons; pipe corrosion, original installation methods, and pressure caused by the pumping lift station, this sanitary piping system is at the end of its service life. Since October 26th, WCC has had two sections of this pipe system fail, causing the College to close campus so we could make emergency repairs.

To safeguard from any further sanitary leaks and avoid costly emergency repairs, it is our recommendation that a temporary by pass sanitary system be installed immediately, until a new permanent sanitary system can be engineered and installed. This temporary by pass system consists of two Diesel powered pumps, a pump that is primary and a 2nd pump for backup. 1000 feet of HDPE discharge pipe from the lift station to manhole out at East Huron River Drive. Deliver, installation, start up, maintenance, and removal are included in this contract.

The plan would be to install this temporary by pass system as quickly as possible, and begin using it immediately. This would allow us to take the existing system “off line”, and use it only as an emergency backup, until a permanent sanitary drain system can be engineered, bid out, and installed.

RECOMMENDATION

It is recommended that the Board of Trustees approve a contract with Rain for Rent in the amount not to exceed \$111,663 to install a by pass sanitary drain line until a permanent underground system can be installed.

A ROLL CALL VOTE WILL BE TAKEN

Prepared by: Jim Becsey

Recommended by: Rose B. Bellanca Ed.D.

Title: Vice President Facilities Development
and Operations

Rose B. Bellanca, President