

Clinton PWA

February 2021 Winter Damages Report

February 25, 2021

Clinton PWA
P.O. Box 1177
Clinton, OK 73601

2/25/2021

Re: Letter of Transmittal – February 2021 Winter Damages Report

Dear Mr. Johnston,

Please find attached the – February 2021 Winter Damages Report

We have read, reviewed and vetted all information conveyed in this report as well as verified the accuracy of all data. Additionally, this report provides a representation of the overall damages incurred due to the unprecedented weather.

If you have any questions or comments, please feel free to call 619.228.6110

Sincerely,

Jonathan Imes

Jonathan Imes
Interim Project Manager



Robinson E Camp
Regional Manager

Summary

During the unprecedented freeze, there were a considerable number of pieces of equipment damaged. Inframark has identified the need for many pieces of equipment to be repaired or replaced. The equipment status can significantly compromise the plants' abilities to meet environmental compliance at the WWTP, and drinking water standards for the Distribution system. Inframark would like to have a State of Emergency declared.

Damages

Wastewater Treatment Plant

A hard freeze affected the Sludge Transfer Vault causing several leaks and the flooding of the vault which resulted in the inability to get solids to the belt press. Due to this inability to get solids to the belt press, the solids of the WWTP will eventually build up and cause the inability to treat the WWTP as well as compliance issues with Oklahoma Department of Environmental Quality. The hard freeze also affected the fire hydrant outside press building.

- Major electrical damage to Motors and electrical systems i.e. Breakers, switches, controls.



- Pumps cases froze and cracked.



- Other items include cracked swing check, pipework that has pushed apart.



- There could also be potential damage to the transfer line going to the press building (yet to be determined).

- Fire hydrant froze and began to leak profusely.



Distribution:

The Foss pump station had two 10" valves freeze and break, before and after pump (any damages to pump have not been confirmed yet). The reason for these emergency repairs at Foss is the water leaks could affect the operation of the current operating pump. If not addressed, the water damage could spread to the electrical into the room and cause more damage. It is important to get these repairs completed as fast as possible.

