



From: Aban, Eduardo <Eduardo.Aban@seattle.gov>
Sent: Thursday, June 6, 2024 2:16 PM
To: Graves, David <David.Graves@seattle.gov>
Cc: Jones, Carson <Carson.Jones@seattle.gov>; Stevens, Scott <Scott.Stevens@seattle.gov>
Subject: RE: Gas Works: Cracking Towers structure leaning
Importance: High

I conducted the inspection of the cracking tower structure at Gas Works. The following are my findings:

1. The southeast vertical support element of the structure is fractured at the base.



2. The southwest vertical support element is badly corroded that the steel material is peeling off, therefore reducing the effective strength of this element.



3. The northwest vertical support element is bent due to being hit by maintenance vehicle.





4. The tower structure is leaning and being prevented from falling to the ground by horizontal pipe flange that is in line with the top of the tower.







It is my recommendation that the tower structure be taken down. It is a failed structure that is unsafe to be left at its current condition/position. It is not recommended to be rebuilt or refurbished because its elements are deteriorated and badly corroded. The demolition of this tower must be done as soon as possible.

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