

Freud Pump Station Overview



Freud Pump Station – Current Operation



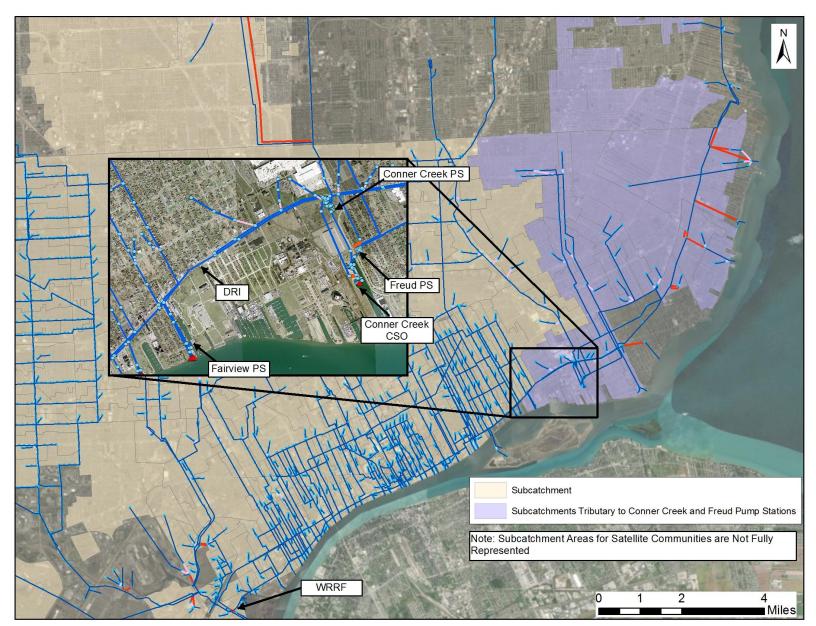
- Located at 12300 Freud Street, Detroit MI 48215
- Constructed for Detroit DPW in 1954
- Manages both sanitary and storm water flows
- Sanitary: (2) Pumps; 13 and 25 MGD
 - Discharge to 5' diameter sewer on Tennessee St.
- Storm Water: (8) Pumps; 290 MGD each
 - Discharges to the Conner Creek CSO Facility

© Arcadis 2020 22 June 2021 3



Service Area

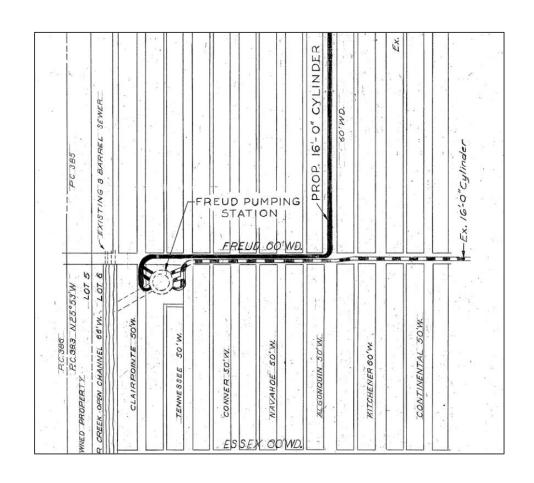
 Population served ~263,400





Freud PS Influent Sewers

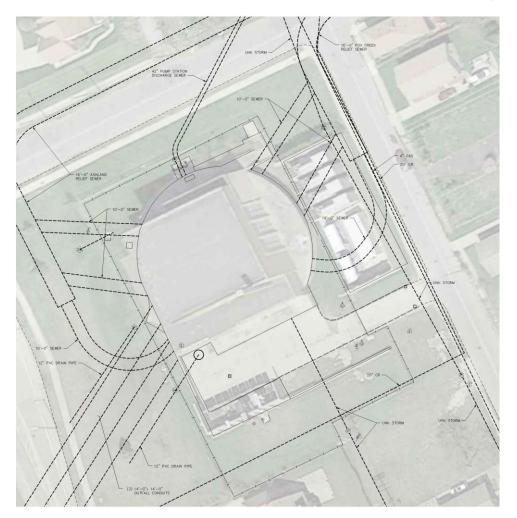
- 16-ft diameter Ashland Relief Sewer
- 16-ft diameter Fox Creek Relief Sewer
- Approx. 55-ft deep
- Constructed for Detroit DPW in 1950's
- Parallel between Conner St and Algonquin St.
- Each branches into three 10-ft diameter sewers at Freud PS

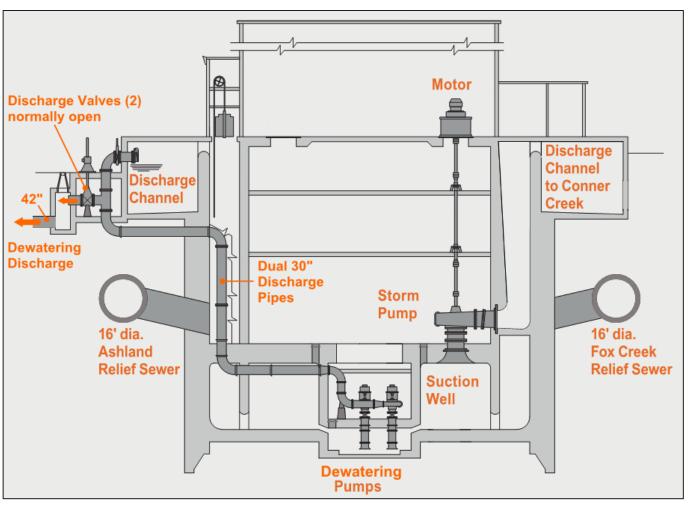


© Arcadis 2020 22 June 2021 5



Freud PS General Layout





© Arcadis 2020 22 June 2021 6