



## PROJECT PROFILE



Exterior View of new Anaerobic Digesters



Following sandblasting operation, all concrete surfaces were skim-coated with No. 209 to fill bugholes and voids



A single 60-mil coat of No. 210S was applied to all surfaces

**Project Name:** Honouliuli WWTP - New Solids Handling Facility Project - Anaerobic Digester Lining

**Location:** Ewa Beach, Hawaii

**Owner:** City and County of Honolulu

**Applicator:** The Zelinsky Company - Kapolei, Hawaii

**Sauereisen Representative:**

Mike Keating, J. A. CRAWFORD CO.

**Products:**

- No. 209 Filler Compound
- No. 210S SewerGard

**Method of Application:**

- Trowel application of No. 209
- Spray application of No. 210S

**Environment / Exposure:**

Project involved the coating of new anaerobic digesters, which provide an environment where anaerobic bacteria (bacteria that can not live with oxygen present) are able to thrive and can break down the organics in sludge into stable compounds. Anaerobic digestion reduces solids, odors, and pathogens, and it conditions sludge so it dewater rapidly. Methane gas, produced as a byproduct of this process, is used for mixing the digesters.

**Project Details:**

- The J.A. Crawford Company was instrumental in developing the specification and working with the contractor to secure this project.
- The applicator, The Zelinsky Company utilized Graco's new 70:1 and 90:1 ratio pumps on this project. Both showed improved application of No. 210S when compared to the older 45:1 and 56:1 models. Pete Jansen provided on-site Tech Service to re-familiarize the contractor with No. 210S.
- The three concrete digester tanks encompassed more than 50,000 square feet of surface area.