



Ground Improvement and Specialty Piling Contractors

Project Summary

Digested Sludge Dewatering Facility San Jose, California

The Premier Design-Build Geotechnical Contractor™

Design-Build, Aggregate Piers



Predrilling



Aggregate Pier Installation



Completed Aggregate Pier



Modulus Test

Project Description:

AGI performed Aggregate Pier ground improvement at the Digested Sludge Dewatering Facility Project at the SJ-SC Regional Wastewater Facility in San Jose, California. We installed a total of 364 aggregate piers to support a new dewatering building and loadout facility using a bottom-feed vibroflot system.

Application:

- ❖ Densification of cohesionless soils
- ❖ Improve bearing capacity
- ❖ Limit the static and seismic settlement

Geotechnical Conditions:

- ❖ High groundwater and liquefiable sandy soil
- ❖ Soft, compressible, fine-grained soil

Design-Build Contractor:

Advanced Geosolutions Inc (AGI)

Owner:

The City of San Jose

General Contractor:

Walsh Group

Geotechnical Engineer:

Cornerstone Earth Group