ENTACT is committed to the successful creation and implementation of environmental and geotechnical construction solutions. Our industry-leading personnel have the proven experience to complete the most challenging projects.
SOIL IMPROVEMENT SERVICES
Soil Improvement Services to Support Tank Pad Construction and Tank Farm Expansion Projects

• Design and Construction of Soil-Cement Columns and Load Transfer Pads to Support Tank Loading
• Self-Perform Vertical Auger Mixing Technology

25-35% Cost Reduction and Rapid Installation for Significant Schedule Reduction Versus Conventional Precast Concrete and/or Auger Cast Piles
More Effective Settlement Control Versus Stone Columns

Soil Improvement Services for Construction of Earth Retention Systems

• Soilcrete Retaining Walls
• Gravity Retaining Structures

RESOURCES

• In-House Project Management, Field Engineers, Health and Safety Officers, Superintendents, Equipment Operators, Technicians
• Owns Large Fleet of Standard Heavy Equipment
• Owns Specialty Soil Mixing and Stabilization Rigs and Attachments, Grout Batch Plants, Dewatering, Slurry Wall, and Sheet Pile Installation Equipment
• Maintains a Fleet of Low Ground Pressure Equipment
• In-House Bench Scale Treatability Laboratory
• Fully Integrated Project Management, Scheduling, Quality Assurance, and Safety Programs

SAFETY

• Industry Leading BBHSE Program
• National Safety Council Operational Excellence Achievement Award
• National Safety Council Hazard Recognition Crystal Award

GROUND STABILIZATION/SETTLEMENT & LIQUEFACTION MITIGATION

• Shallow Soil Mixing – Mass Solidification
• Deep Soil Mixing
• Wet & Dry Soil Mixing
• Soil-Cement Columns
• Overlapping Columns
• In-Situ Gravity Retaining Walls
• Shallow Excavator Mixing
• Hydraulic cut-off walls

EARTH RETENTION/STRUCTURAL SUPPORT

• Steel, Vinyl, & HDPE Sheet Pile Walls
• Benching & Sloping
• Trench Box & Slide Rail Systems
• Anchors & Tiebacks
• Soldier Piles & Lagging
• Self-Hardening Slurry Walls
• Auger Cast Piling
• Wet Soil Mixing
• Cement/Slurry Grouting

BARRIER WALLS (CUT-OFF WALLS)

• Soil Mixed
• Soil Bentonite
• Cement Bentonite
• Soil-Cement Bentonite
• Slag Cement-Portland Cement-Bentonite