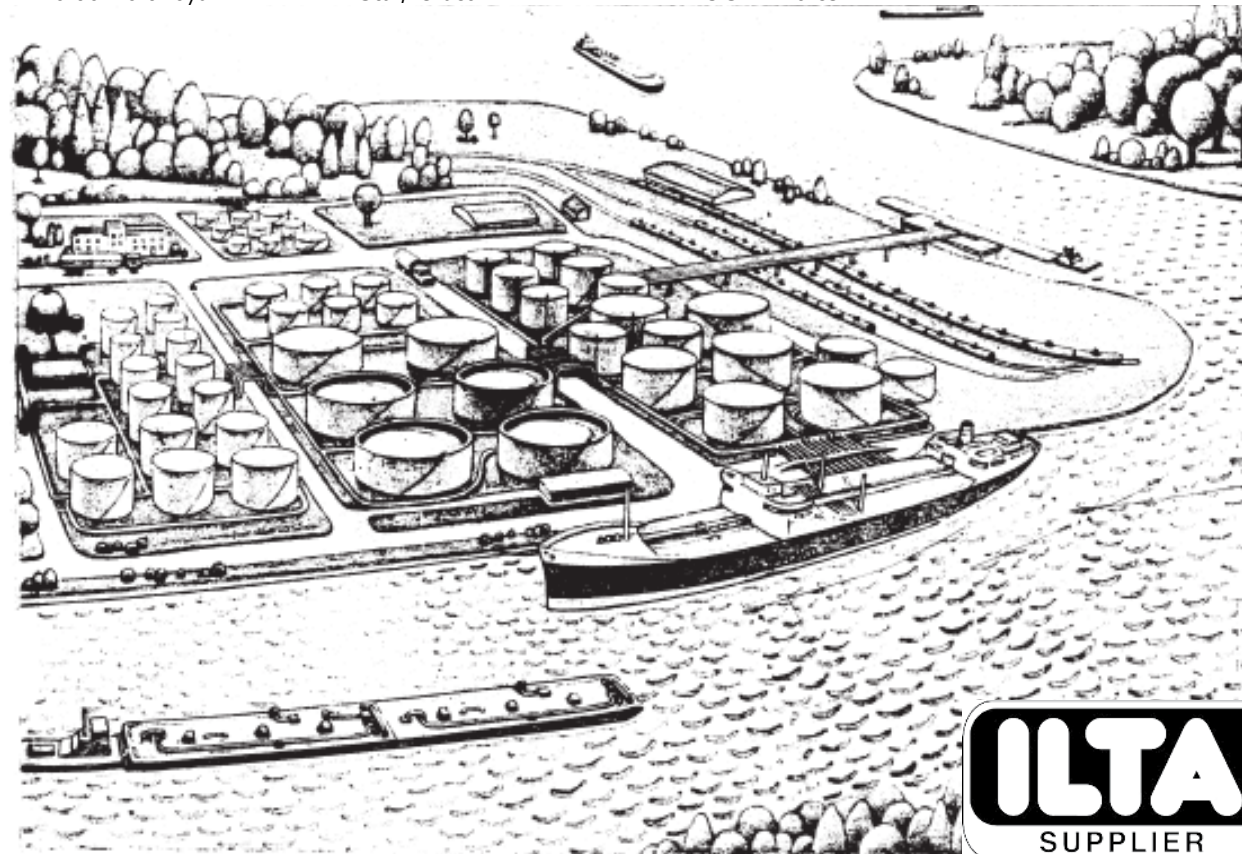


# SCS staff client experience includes:

- Archer Daniels Midland
- Ace Group
- AIG
- AE&C Engineers
- Akima Corp
- Allied Terminals
- Ameripride
- Ameropan
- Amoco Oil
- Arcadian
- Argonne Lab
- BASF
- Baytank Houston
- Bechtel Power
- Bethlehem
- Buckeye Pipeline
- Cabot Corp.
- CA State Assembly
- Carbon Steel Products
- Center Terminal
- Charter Triad Terminal
- Chevron
- Citgo
- Citicorp
- Clark Oil
- Cogent Energy Solutions
- Colonial Pipeline
- Compact Membrane
- Continental Services Co.
- Corco
- County of L.A.
- Croda Inc.
- Croda Storage
- Crowley Maritime
- Crown Central
- Cummins Terminal
- Delaware Terminal
- Delta Commodities
- Demaco Corp.
- DFSC/DLA/DESC
- Diamond Oil
- Duke Power
- Dynamac Corp.
- E D & F Man
- EOTT Energy Corp.
- Enron Oil/Gas
- Fleet Supplies
- Foster Wheeler
- Galveston Terminals
- Gantrade
- Gatron Industries
- GATX Terminals
- Gaylord Chemical
- General Chemical
- Gulf Interstate
- Halliburton NUS
- Harbor Enterprises
- Hartford Insurance
- Holiday/Newport
- Howard Energy
- HOVENSA
- Hudson Tank Terminals
- ICI Americas
- ILMA
- ILTA
- International Oil
- Interstate Energy Co.
- ITAPCO
- IWRN
- Kinder Morgan
- K-Mar Industries
- Koch Industries
- Lemm Corp.
- Lincoln Energy Solutions
- Liquid Transfer
- Lloyds of London
- Louis Dreyfus Energy
- Lubripac
- Marathon
- Marketwest Hydrocarbon
- Meioco Terminal
- Midstates Oil
- Montank
- Motiva
- Nelson Energy
- New Haven Terminal
- New York Terminal
- Noco Energy
- Norfolk and Southern RR
- Norfolk Naval Shipyard
- Norfolk Oil
- Northville Corp.
- o-3 Limited
- Odfjell
- Oiltanking Houston
- Optimum Quality Grains
- PanOcean
- Pennsylvania Power & Light
- PEPCO
- Petro China
- PetroUnited Terminals
- Petroleum Fuel & Terminal
- Pipeline Technology
- Pittson
- Pirelli Tire
- PM Ag Products
- Port City Bulk Terminal
- Port of Long Beach
- Port of Port Royal
- PPG
- Praxair
- Ramsey Scarlett
- Richmond Redevel Agency
- Rio Vista Energy
- R. M. Walsdorf
- Rollins
- SICPA
- SOHIO
- South Coast Terminals
- SFPL
- Sprague Energy
- ST Services
- Star/Texaco
- Statia
- Steuart Petroleum
- Stratus
- Sunoco Logistics
- Tenco Services
- Terquimca
- 3M
- Tidewater Barge
- Tidewater Terminal
- TransAmmonia
- TransMontaigne
- Union Pacific RR
- United Elastic
- U.S. Air Force
- U.S. Dept. of Justice
- U.S. Navy
- Valleytank
- Vopak/Paktank
- W.A.S. Terminals
- Wausau Insurance
- Westway
- Whitaker Oil Co.
- White Pass Alaska
- Witco Corp.
- Wolf Lake
- Zapata Haynie

# SCS ENGINEERS

## midstream consulting services



### FACILITY TYPES

- For-hire
- Public
- User
- Toll
- Third Party
- Marine
- Offshore
- Proprietary
- GO-CO
- Pipeline
- Waterside
- Marketing
- Distribution
- Bulk Plants
- Specialty
- Stations/Depot



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# about us

SCS Engineers is a nationwide environmental, safety and health, and solid waste consulting firm. Our Midstream Consulting Practice provides services primarily to chemical and/or petroleum tank terminal operators nationwide and abroad.

This practice area is led by "Clem" Mesavage (former ILTA technical director, GATX environmental manager, and Bechtel engineer). The firm offers on-site and regulatory compliance services associated with the storage and transfer of a large variety of liquids (products) at tank farms (marine, inland) and pipeline facilities.

Mr. Mesavage also serves as the expert witness on pipeline and tank farm cases regarding EH&S, fire, explosion, variance, and facility security matters. He routinely provides testimony regarding the operating practices and standards of midstream operators. His clients include the oil and chemical industry, the U.S. Justice Dept., insurance firms, and other plaintiffs and defendants.

Clem (CA REA & REPA) is a member of the API 2350 Tank Overfill Protection Committee, the DHS USCG CTAC Committee, and the VA DEQ AST RAP Committee.

SCS has over 40 years of experience at over 1000 bulk-liquid terminals handling more than 600 hazmat liquids. Our team understands the complex regulatory issues that face tank farm facilities in all 50 states. We are available to help reconcile business and regulatory objectives of operators of any location worldwide.

Virtually all services provided, except litigation support are completed on a fixed price, flat fee basis. Please call Clem for a quote, anytime!

## service categories

### 1. AIR POLLUTION (VOCs/NESHAPS)



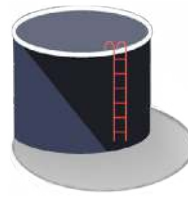
- Air Permits (new & Modified)
- Emissions Inventories & Air Dispersion Modeling
- VOC/HAP RMP Risk Analyses
- Monitoring & Leak Detection

### 2. WASTEWATER (NPDES)

- Discharge Permit Renewals or Modification
- Stormwater SWPPP, Spill PPP, PPC, & BMP Plans
- Oil/Water Separator Design
- Impervious Surface Liners



### 3. SPILL CONTINGENCY (SPCC/FRP)



- SPCC Plans and Certifications
- State ODCP and DCR Plans
- EPA and USCG OPA '90 FRPs
- DOT/PHMSA Plans (Oil or HazMat)
- OPA FRP Tabletop Spill Drill Exercise

### 4. SAFETY & HEALTH (OSHA)

- Confined Space Entry Plans
- Respiratory Protection Plans
- Vapor Sampling/Monitoring
- Process Safety Mgmt (PSM) & Risk Management Plans (RMP)
- Emergency Action (EAP) or Response (ERP) Plans
- Site Safety & Health HazCom Plans
- MSDS/SDS
- Vulnerability Assessments



### 5. WATER QUALITY (CWA/SDWA)

- Dredging/Wetland Permits
- Surface & Drinking Water & Groundwater Sampling/Wells
- POTW/Sewer Permits
- Groundwater Hydrogeology
- Environmental Forensics



### 6. COAST GUARD (USCG)



- Operations Manual for Liquids & Gases
- PIC & New-Hire Operator Training
- Marine Vapor Collection

### 7. BARGE/SHIP WASTES (MARPOL)

- Oil, NLS, & Garbage Receipt, Disposal, & COA's
- Waste Exportation
- Marine Vapor Recovery



### 8. EMERGENCY PLANNING (EPCRA/SARA)



- SARA Title III 311/312, & 313 Reports; 302/304 Spill Reports
- Risk Analyses/HAZOP/RMPs
- Meeting & Seminar Services

### 9. HAZARDOUS WASTE (RCRA)



- Line/Tank Wash, Separator Sludge, & Bottom Disposal
- ASTM E-50.03 Waste Minimization
- AST Diked Area Soil Disposal
- Waste Management Evaluations
- Service/Product Studies
- Budget/Planning Presentations

### 10. SECURITY & MISCELLANEOUS

- Expert Witness Services
- API 1595 Jet Fuel QA/QC Manuals
- Tailored Safety Audits
- AST Technical Library
- TSCA PMNs, FIFRA & ATF
- Env./Safety Mgr. Training
- ISO 14000 Configuration



### 11. TRANSPORTATION (FRA/RSPA/DOT)



- Third Party Inspection
- DOT Pipeline O&M Manuals
- HM 181 & HM 126F Operator Training

### 12. SUPERFUND (CERCLA)

- Phase I & II Site Assessments (ASTM E-1527 & E-1903)
- Purchase Transaction Due Diligence
- Site Soil/Water Remediation
- Tank Inspection/Leak Detection

