

Jane “Deni” Chambers, PG

President / CEO

EXPERIENCE HIGHLIGHTS

- More than 27 years of experience with a variety of private and public-sector clients to evaluate and manage environmental liabilities.
- Liaison between regulatory agencies, clients, and numerous stakeholders has been instrumental in achieving project success.
- Actively participates in the Sustainable Remediation Forum (SURF), the Bay Planning Coalition and the Dredged Material Management Program (DMMP) for the Maryland Port Administration.
- Academic background in both geology and engineering with a focus on chemical fate and transport in aqueous environments provides the technical capabilities to assess project needs and appropriate level of technical capabilities to provide clients with the best technical resources.

RELEVANT PROJECTS

- **Conowingo Sediment Characterization and Innovative, Beneficial Reuse Pilot Project.** PIC for the characterization of accumulated sediment behind the Conowingo Dam and developing solutions for cost-effective remedies to reduce sediment and nutrient flux to the upper Chesapeake Bay.
- **Montezuma Dredge Sediment Disposal Project, Suisun Marsh.** Managed groundwater supply of 2,000-gallons-per-minute to slurry and move SF Bay sediments, construction of levees.
- **Chesapeake Bay Dredge Disposal Project.** Performed technical analyses of a proposed open-water dredge disposal site in Chesapeake Bay. Analyses included assessment of potential water quality and benthic impacts, sediment chemical characteristics, sediment transport model.
- **Benicia Arsenal Wetlands Remediation Project.** Characterized sediments, planned and implemented dredging of heavy metals and organic contaminants; restoration of 100-acre watershed.



CONTACT INFORMATION

**Jane “Deni” Chambers, PG,
CEG, CHg**
deni.chambers@ngem.com
(410) 929-2315

EDUCATION

MS, Civil Engineering
University of California,
Berkeley, 1988

BA, Geology

University of California,
Berkeley, 1985

CERTIFICATIONS/ AFFILIATIONS

Professional Geologist
CA #5845

Certified Hydrogeologist
CA #610

Certified Engineering Geologist
CA #2149

Water Conservation
Practitioner, Level 1: American
Water Works Association, No.
00121

Bay Planning Coalition (BPC)

National Groundwater
Association (NGWA)

Groundwater Resources
Association (GRA)

American Water Works
Association (AWWA)

- **Yosemite Wetlands Restoration Project.** Director of 34-acre wetlands site restoration, review of non-point discharges of lead and mercury impacted sediments to Yosemite Slough. Litigation support for California State Parks.
- **Kaiser Facility Closure.** Forensic evaluation of sediment in a wetland area to assess non-point source discharges.
- **United Heckathorn Superfund Site.** Technical advisor for former pesticide processing site. Characterized regional DDT concentrations in sediment channel and harbor. Managed dredging operations to remove 10,000 CY of contaminated sediment, including restoration of shoreline area and water quality monitoring.
- **Offshore Sediment Analysis.** Characterized offshore sediments in a portion of Richardson Bay, performed forensic analyses to identify contaminant sources, and designed mitigation measures to reduce potential shoaling of sediments in a yacht harbor.
- **Sediment Reuse Evaluation for the Maryland Port Administration (MPA).** Principal-in-charge evaluating reusing sediment from the Cox Creek Dredged Material Containment Facility as a raw material input for 3D-printed structures for marine placement and shoreline stabilization purposes, and for traditional concrete use in construction of traffic barriers and parking bumper blocks.

PUBLICATIONS/PRESENTATIONS

Over forty Publications and presentations at technical conferences from 1990 to 2019. Available upon request.