

# CDM Smith

# Marion Pressure Treating Company Superfund Site Remediation – Marion, Louisiana

- Introduction –
- EPA – PM Dan Zahner
- CDM Smith – PM Charles Watters, Superintendent Glen Guittar, Construction Specialist/Project Engineer Chris Whitton (Subcontractors Walker Hill Env. – Civil Work, GSI – ISS Work, ESI – Geomembrane Liner Installation)
- LDEQ – PM Vicki Hadwin
- Design Engineer – EA Engineering, Science and Technology Inc.

# Marion Pressure Treating Company Superfund Site Remediation – Site History



- Marion Pressure Treating operated from 1964 to 1985 – Pressure treating lumber with Creosote
- In 1989 the impoundment was closed
- In September 1990 LDEQ found that the facility was abandoned
- 1996/1997, EPA performed a removal action
- September 2025 EPA and CDM Smith completed the execution of the Remedial Action

# Clearing, Discovery and Consolidation







# Marion Superfund – DNAPL Excavation and In-Situ Soil Stabilization





# Landfill Liner System Installation and Cover





# Marion Superfund - Challenges



- New teams working and getting familiar with each other during mobilization
- Lack of pre bid project visit to confirm site conditions
- Incomplete site Investigation
- Weather and stormwater management
- Finding import material that meets all the specifications in a rural location



# Marion Superfund – Lessons Learned



- Project delay from additional treatability testing
- Consideration of schedule vs season ISS and Clay placement work during the wet season.
- Understanding/calculating swell volume which changes based on soil conditions, water needed for mixing, ground/stormwater.
- Locating specified import material in remote locations
- Storm/contact water management



# Marion Superfund - Completion



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