

Presented to:
The State of Montana

Presented by:



A look into the FUTURE



CalClean is Proud to Present

528 Case Closures (and counting)

18 States (and Canada) With Storage Facilities

82% Less Carbon Footprint

Average \$5 / lb. Hydrocarbon Removed

Safety and Customer Service
is our #1 Goal

Equipment manufactured in the USA
USING SOLAR POWER



We Hire Veterans

“CalClean Supports our
Men and Women Who Have
Proudly Served our Country”

Equipment



Services

Petroleum Hydrocarbons
(Gasoline)

Heavier Hydrocarbons
(Diesel, Jet Fuel, etc.)

Chlorinated Hydrocarbons
(PCE, TCE, Stoddard Solvents)

PFAs and PFOs

Heavy Oils
(Crude Oil, Bunker C)

Carbon Footprint

CALCLEAN HAS REDUCED THE COMPANY CARBON FOOTPRINT BY 82%

by manufacturing all remediation equipment using solar power!

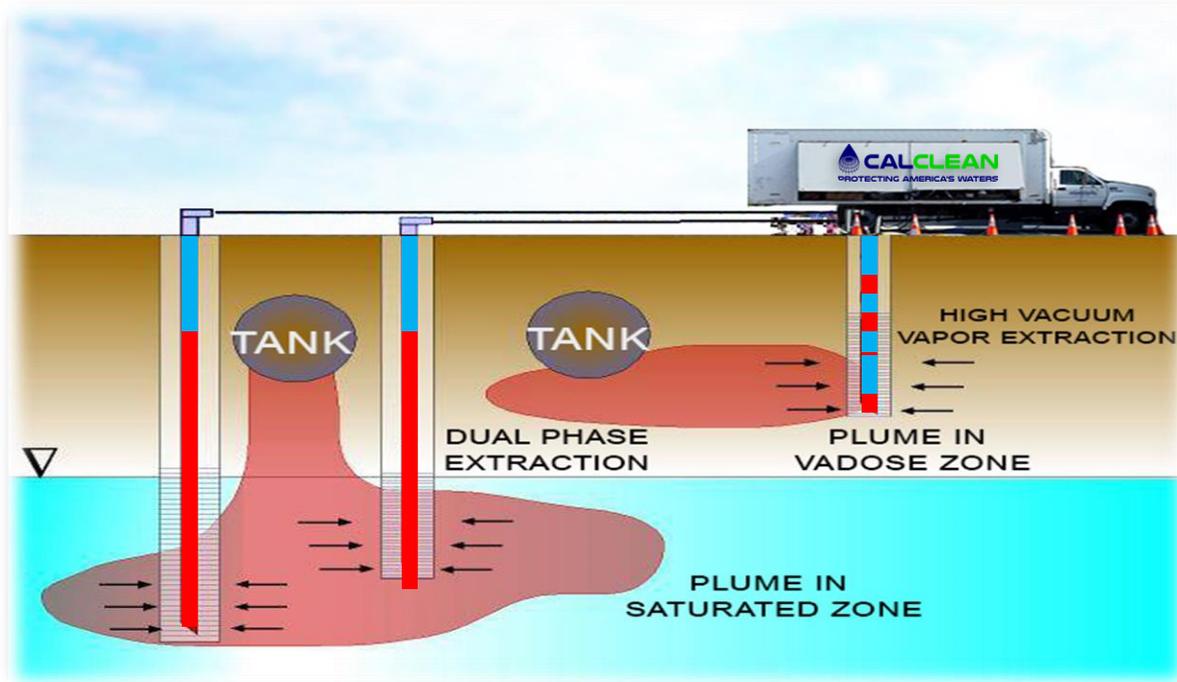
We are currently working on technology to reduce the carbon footprint once onsite during remediation



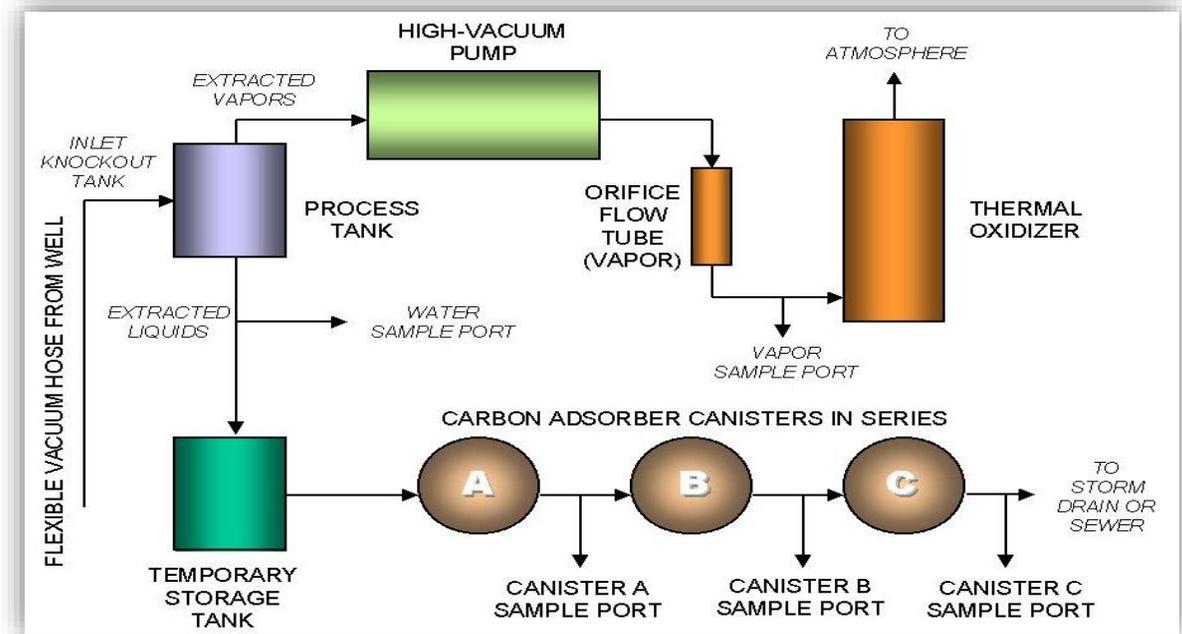
*Protecting America's Waters and
Reducing Carbon Footprint one step at a time*

CalClean's HVDPE Technology

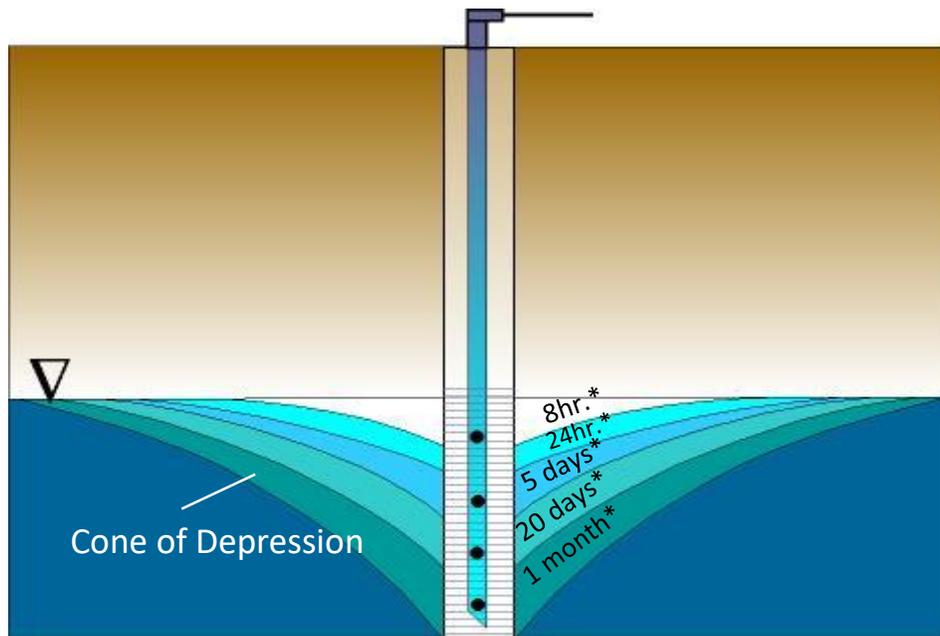
Extraction Process



Flow Diagram

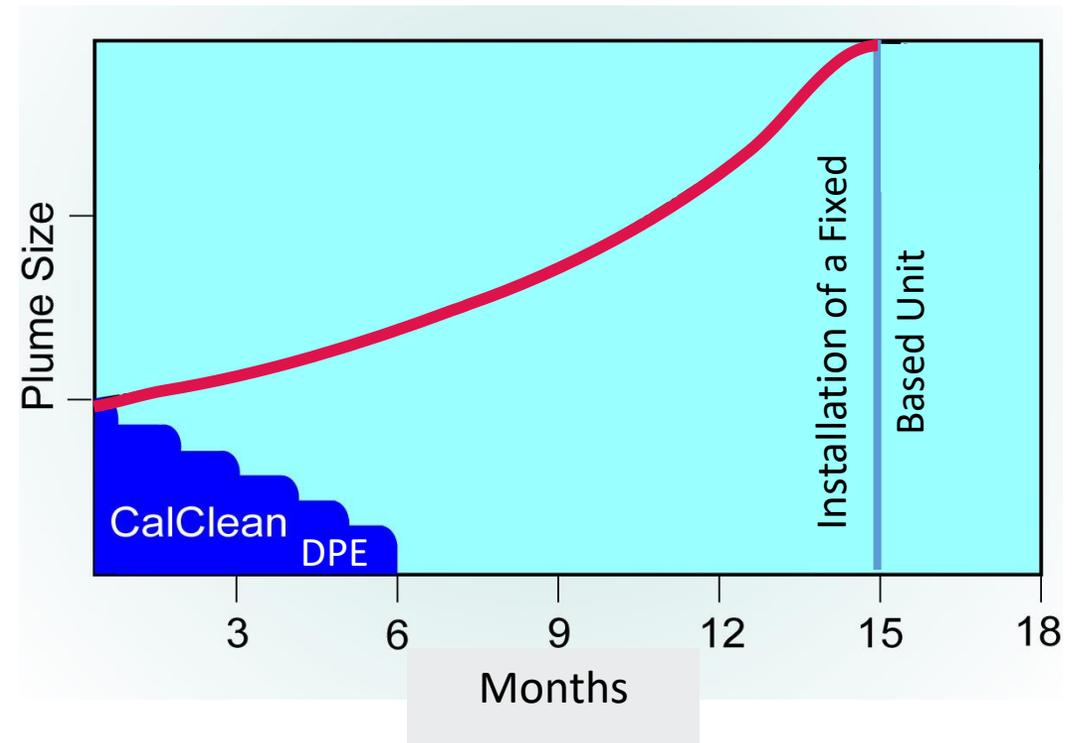


Vapor and Groundwater Extraction



* TIMING FOR ILLUSTRATIVE PURPOSES ONLY
(Longer Events usually increase Cone of Depression and expose more saturated zone for vapor extraction)

Plume Size: CalClean DPE VS Months of Installing a Fixed Based Unit



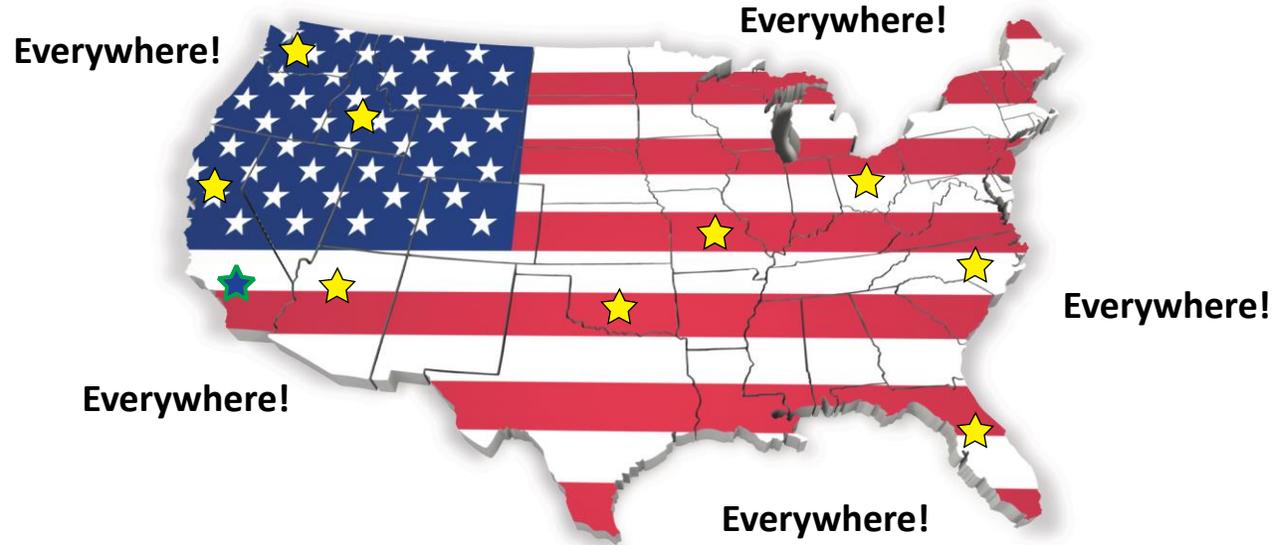
Case Study

Confidential Client/Site in Santa Ana, CA
 CARWQCB - Santa Ana Region
 CalClean's Proprietary Technology

Parameter	Prior To Extraction	After CalClean's Treatment Process	Percent Reduction	Carbon Polishing Post Treatment	Percent Reduction
MtBE	360,000 µg/L	6,740 µg/L	98%	ND (<0.5 µg/L)	100%
TPHg	228,000 µg/L	11,300 µg/L	95%	ND (<0.50 µg/L)	100%
TAME	2,590 µg/L	25.3 µg/L	99%	ND (<0.5 µg/L)	100%
Benzene	33,700 µg/L	267 µg/L	99%	ND (<0.5 µg/L)	100%
Toluene	52,700 µg/L	987 µg/L	98%	ND (<0.5 µg/L)	100%
Ethly-Benzene	6,580 µg/L	162 µg/L	98%	ND (<0.5 µg/L)	100%
Xylenes	40,900 µg/L	1,497 µg/L	96%	ND (<1.0 µg/L)	100%
Napthalene	10,200 µg/L	147 µg/L	98%	ND (<0.5 µg/L)	100%

MtBE - Methyl tert-Butyl Ether
 TPHg - Total Petroleum Hydrocarbons - Gasoline Range
 TAME - *tert*-Amyl Methyl Ether
 ND (<0.5 µg/L) - Not Detected Above the Laboratory Reporting Limit of 0.5 µg/L

“Where Can CalClean Work?”



“Storage locations across the USA and Canada”

★ States with Storage Locations



★ Corporate Office Location
1790 N. Case Street, Orange, CA

Visit our website
www.calclean.com