

McMillan-McGee Corp.
Preliminary Quote Form
Site Information Requirements for ET-DSP™

Please complete and fax back to:

Brent Winder
403.272.7201

Or email to :

brent.winder@mcmillan-mcgee.com

	Item	Notes
A	General Information	
1	Site Location Site address and Zip/PC	
2	Site Map (eg. AutoCAD file) Indicate plume with desired ET-DSP™ treatment area and volume and all surface structures and subsurface utilities	
3	Please enclose site pictures	
4	Other unique features Buildings, restricted access, heavy traffic, no-drill zones, any unique site characteristics, indicate utility right of ways for drilling, any overhead impediments, etc.	
5	Desired remediation time frame Include operations start date	
B	Treatment Volume	
1	Treatment area Include treatment area information in CAD file along with an estimate of the area in square feet.	
2	Shallow extent of treatment	
3	Deep extent of treatment	
4	Treatment volume Estimated volume in cubic yards/meters – be as three-dimensional as possible and include a graphic.	

C Hydrology/Lithology		
1	Depth to water Average across site with as much specifics as possible.	
2	Water flow velocity / hydraulic conductivity This is very important information for the numerical simulation and calculation for energy requirements. Please be as specific as possible.	
3	Treatment area cross section Please enclose related graphics.	
4	Boring logs of treatment area Please enclose representative logs.	
5	Soil samples Please include vadose and saturated zone samples from each distinct lithology through the treatment zone.	
6	Groundwater electrolytic conductivity If this information is not available please send a groundwater sample to our lab	
7	Organic carbon content of soil Expressed as a %	
8	Soil porosity	

D Contaminant Information		
1	Contaminants List all contaminants on-site including VOCs, SVOCs, metals, and any others.	
2	Contaminant concentration Include initial and maximum for both soil and groundwater. Please include an estimate of mass in place inside the treatment volume and an indication of whether a separate phase is present [NAPL] for each constituent.	
3	Clean up criteria Please include information on the desired clean up criteria for both soil and groundwater by contaminant.	

E	Remediation Specifics/Other	
1	Air/water abatement requirements Please be specific with existing discharge permit requirements, if any.	
2	Electrical utilities Please indicate the location and size [volts, amperage, kW rating] of existing electrical service and if it is available. If not available, indicate the nearest high voltage line or provide local utility contact information. Include total charge per kW/Hr from utility for energy use.	
3	Water utilities Please indicate the location and rating of the water service on the site and service rates.	
4	Vapor cap Is there an existing cap [ie. asphalt] over the treatment volume? If not, will one be required?	
5	Site conditions Is the site fenced or does it require fencing? Is the site in a distressed area? Will security be required?	
6	Trenching Will any trenching for lines be required or can the installation be placed on surface.	
6	Sampling and Analysis Describe the sampling & analysis plan to verify treatment goals. Or will this be the responsibility of others.	
7	Any other information that would be useful ie. Is there any union labor requirement? Is the site accessible 24/7? What well abandonment is required?	
8	Other	