SITE EVALUATION FORM

CONTACT INFORMATION

Name: _____ Company: _____

Email address: _____ Phone: _____

Address – Street: _____ City: _____

State/Province: _____ Country: _____

SITE DETAILS

Site Name: _____ Location: _____

Treatment area(s) will include: ☐ Source ☐ Plume ☐ PRB ☐ Other: _____

Is NAPL present or suspected: ◯ Yes ◯ No ◯ Unknown

Site Description: (e.g. – pilot/full scale, historical use, buildings, source of contamination, current remediation activities, etc.)

Site

Cleanup Objectives and Timing:

Which PeroxyChem Environmental Solutions products are you interested in evaluating for your site?

☐ All applicable

***In Situ* Chemical Oxidation -**

☐ Klozur® Activated Persulfate ☐ Klozur®CR

***In Situ* Chemical Reduction -**

☐ EHC® ISCR Reagent ☐ EHC® Liquid ☐ Daramend® Reagent

Aerobic Bioremediation -

☐ PermeOx®Ultra ☐ Terramend® Reagent

Immobilization/Stabilization

☐ EHC® Metals ☐ ISGS™ Stabilization Reagent for NAPL

Enhanced Reductive Dechlorination

☐ ELS™ Amendment

What other remediation technologies are being considered? _____

Environmental Solutions

TREATMENT AREA "A" INFORMATION ☐ Source ☐ Plume ☐ PRB ☐ Other: _____

Treatment area dimensions -

Width of targeted zone (perpendicular to GW flow): _____
Length of targeted zone (parallel to GW flow): _____
Depth to top of treatment zone: _____
Depth to bottom of treatment zone: _____
Depth to groundwater: _____

Soil Data -

Soil Type: _____ Fraction organic carbon in soil, foc: _____

Soil Bulk Density (default = 0lb/ft ^{3}, 1700kg/m^3): _____ Total Porosity (default [illegible] _____%

Transport Characteristics -

Hydraulic Conductivity: _____ Linear Groundwater Flow Velocity: _____

Hydraulic Gradient: _____ Effective Porosity for GW flow: _____%

Contaminant Information -

Contaminant	Average Conc. in GW (mg/L)	Remediation Goal in GW (mg/L)	Average Conc. in Soil (mg/kg)	Remediation Goal in Soil (mg/kg)

GEOCHEMICAL INFORMATION *(Please provide as much information as possible. If unknown, please leave blank.)*

pH _____ ORP _____mV Carbonate Alkalinity (as $CaCO_3$) _____mg/L

Klozur® Persulfate Parameter -

Soil Oxidant Demand _____g/kg

PermeOx®Plus Parameters -	GW mg/L	Soil mg/kg
Biological Oxygen Demand	_____	_____
Chemical Oxygen Demand	_____	_____
Dissolved Metals (Fe, Mn)	_____	_____

ISCR Parameters -

Dissolved oxygen _____mg/L
Nitrate (as N) _____mg/L
Manganese (II) generated _____mg/L
Iron (II) generated _____mg/L
Sulfate _____mg/L

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TREATMENT AREA "B" INFORMATION ☐ Source ☐ Plume ☐ PRB ☐ Other: _____

Treatment area dimensions -

Width of targeted zone (perpendicular to GW flow): _____
Length of targeted zone (parallel to GW flow): _____
Depth to top of treatment zone: _____
Depth to bottom of treatment zone: _____
Depth to groundwater: _____

Soil Data - Check here if same as Treatment Area "A" ☐

Soil Type: _____ Fraction organic carbon in soil, foc: _____

Soil Bulk Density (default = 0lb/ft ^{3}, 1790kg/m^3): _____ Total Porosity (default [illegible] _____%

Transport Characteristics - Check here if same as Treatment Area "A" ☐

Hydraulic Conductivity: _____ Linear Groundwater Flow Velocity: _____

Hydraulic Gradient: _____ Effective Porosity for GW flow: _____%

Contaminant Information -

Contaminant	Average Conc. in GW (mg/L)	Remediation Goal in GW (mg/L)	Average Conc. in Soil (mg/kg)	Remediation Goal in Soil (mg/kg)

GEOCHEMICAL INFORMATION *(Please provide as much information as possible. If unknown, please leave blank.)*

Check here if same as Treatment Area "A" ☐

pH _____ ORP _____mV Carbonate Alkalinity (as $CaCO_3$) _____mg/L

Klozur® Persulfate Parameter -

Soil Oxidant Demand _____g/kg

PermeOx®Plus Parameters -	GW mg/L	Soil mg/kg
Biological Oxygen Demand	_____	_____
Chemical Oxygen Demand	_____	_____
Dissolved Metals (Fe, Mn)	_____	_____

ISCR Parameters -

Dissolved oxygen _____mg/L
Nitrate (as N) _____mg/L
Manganese (II) generated _____mg/L
Iron (II) generated _____mg/L
Sulfate _____mg/L

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