

The Technology Consortium (T2C) Site Information Sheet



Date: _____
Project Name: _____
Project Location: _____
Responsible Party: _____
Regulatory Agency: _____

Site Contaminant/s of Concern (COC) LIST: _____

Are any non-target COC's present?

Plume Size: _____ acres or _____ ft²

Plume shape: square, rectangle or irregular: _____

Associated tabulated analytical data for key wells

- Source Area
- Mid Plume
- Distal Plume

Current/Previous Remedial Methods

What are (if any) the past and/or present remedial actions conducted at the site?

What type of remedial technology is being employed?

General Aquifer Information

Representative Boring Logs from key wells

- Source Area
- Mid Plume
- Distal Plume

Site Map

Groundwater Gradient Map

- Natural conditions (pre-sparg or pumping)
- Imposed remedial conditions (under sparging or pumping conditions)

Current Plume Maps for all COC's

Cross-Section Maps with COC's indicated

Groundwater Conditions

Depth to GW: _____

Estimated Thickness of the Contaminated Saturated Zone: _____

Estimated Thickness of the Smear Zone: _____

Is the aquifer confined? _____

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Aquifer Material

Soil Type: _____
Gradient (ft/ft) _____
Porosity (est. total and est. effective) _____
Hydraulic Conductivity (obtained as a look up or test) _____
Estimated Seepage Velocity (ft/day) _____
TOC Total Organic Carbon (mg/kg) _____
Bulk Density (g/cm³) _____

COC/Source and Dissolved phase plume information

Source Area dimension: _____
Is NAPL/DNAPL present? Yes _____ No _____
If present: volume and description _____

COC concentration in soil:

- Source Area _____
- Mid Plume Area _____

Dissolved Phase Plume dimension:

Contaminant of Concern COC (Circle One): BTEX VOC's SVOC's Pesticides
Secondary Driver: BTEX VOC's SVOC's Pesticides

COC's concentration (mg/L) dissolved phase plume:

- Source Area _____
- Mid Plume Area _____
- Distal Plume Area _____

Contaminant concentration (mg/L) as applicable:

Groundwater Chemical Oxygen Demand (COD) _____
Groundwater Biochemical Oxygen Demand (BOD) - 5 day _____
Groundwater TOC: mg/L _____

Natural Attenuation (NA) Parameters

Have any Natural Attenuation (NA) Parameters been collected?

Your best estimate of the Age of the Plume?

What sampling method was used to collected data: *method of data collection has a significant affect on the reliability of the NA data.*

- Low Flow Purge _____
- Bailer – to steady state _____
- Bailer – 3 casings volumes _____

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REDOX Indicators: *Establishes DO debt present in the aquifer and provides the level of reduced conditions present in the aquifer:*

Oxidation Reduction Potential-ORP (mV): _____
 Dissolved Oxygen-DO (mg/L): _____
 Nitrates (mg/L): _____
 Dissolved Manganese-Mn (mg/L): _____
 Total Mn (mg/L) _____
 Dissolved Iron- (mg/L) _____
 Total Iron- (mg/L) _____
 Sulfate- (mg/L) _____
 Sulfides- (mg/L) _____
 Methane- present (Yes or No) _____

General Chemistry:

Temperature (C°/F°): _____
 pH: _____
 Specific Conductance: _____
 Alkalinity: _____
 TDS (mg/L): _____
 CaCO₃ (mg/L): _____
 Hydroxyl Scavengers: Yes or No _____

Existing Wells/Piezometers:

I.D. _____ Dia. _____ Depth _____ Screen From: _____ to _____
 I.D. _____ Dia. _____ Depth _____ Screen From: _____ to _____
 I.D. _____ Dia. _____ Depth _____ Screen From: _____ to _____

Comments: