

**REQUEST FOR EVALUATION
ASSESSMENT AND REMEDIATION TECHNOLOGIES**

When requesting the Innovative Technology Committee to evaluate innovative assessment or remediation technologies, please provide the following information.

A. Technology Description

1. The name of the technology and a complete description of the technology, including (as appropriate) the chemical components of any products used in the technology, the chemical and physical properties of those products, and the concentrations of the product constituents to be used as part of the technology.
2. The name of the proprietor of the technology along with the name and phone number of the technical contact.
3. If applicable, documentation from authoritative technical references that provides the specific degradation products to be formed as a result of the use of the technology.

B. Example Sites/Case Studies

1. Provide summaries of 3 case studies that are similar to the site for which the technology is being proposed (i.e., similar contaminants-of-concern and hydrogeologic setting) and that describe how the technology was successfully used. To demonstrate the effectiveness of the technology, a minimum of one year's monitoring data is required for at least two of the case studies if bench scale data/pilot tests results are available from the site itself. Implementation costs and the total cleanup cost and time-frame for each study should also be included.
2. References: the name and phone number of the regulatory agency personnel (project manager) overseeing the sites for which summaries are provided.
3. The potential risks/problems associated with the use of the technology.

C. Site Information

1. The name and address of the site where the technology is proposed to be used.
2. The name and phone number of the responsible party.
3. The name of the contractor/consultant proposing to use the technology along with the name and phone number of the technical contact.
4. A report or summary of the site that describes the suitability of the technology for the site. Describe the incident, the nature and extent of the contamination, how the technology will be used at the site, and the site hydrogeochemical conditions that will enable the ITC to evaluate the suitability of the technology. Include hydrogeologic cross-sections and historical and recent laboratory data on the chemicals of concern (COCs) and geochemical parameters, and provide a Comprehensive Site Assessment (CSA) report, if available.

D. Economic Analysis

1. The estimated cost to implement the technology and the cost to implement the technology at the specified site (include costs to install injection/monitoring points, equipment, etc.).
2. A cost comparison of this technology and alternative technologies.
3. The cost per cubic yard to cleanup contaminated soil (where appropriate).

E. Implementation and Monitoring Schedule

1. The proposed schedule for implementing the technology at the site (startup date/duration).
2. The proposed monitoring plan and schedule that identifies the parameters that will be monitored to evaluate the effectiveness of the technology.

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Revised January 30, 2018