

LSDDP TECHNOLOGY SCREENING FORM

Technology Evaluator Name:

Date of Evaluation:

I. Technology Information: This section is used to collect basic information about the technology and the proposed application.

A. Basic Information

1. Generic Technology Name:

2. Vendor-Specific Technology Name:

3. Technology Provider (Vendor).

a) Company Name:

b) Phone:

c) Contact Name:

d) Other information such as email, if available:

4. Technology Description: Describe what the proposed technology does.

5. Technology Category (check one):

- Characterization (Surface and Bulk)
- Air Monitoring
- Personal Protective Equipment
- Gas Detritiation
- Decontamination
- Surface Stabilization
- Dismantlement and Removal
- Waste Handling and Disposal (water, oils, solids)
- Surveillance and Maintenance (Long-term)
- Other

B. Proposed Deployment

1. Baseline: Describe the existing technology that the proposed technology will replace (if none exists, note this).

a) Describe the baseline.

b) What are the deficiencies of the baseline?

2. Expected Improvement: Briefly describe how the proposed technology is expected to improve upon the baseline.

II. Technology Evaluation: This section is used to collect the information necessary to evaluate the proposed technology under three categories: 1) Benefit, 2) Feasibility and 3) Appropriateness.

A. Benefit: What are the benefits of deploying this technology?

1. Need: Describe the need for technology deployment.

- a) What project will use the technology?

- b) What need will the technology meet on that project?

- c) How is this need documented (e.g. IPABS, report, etc)?

2. Impact: Describe the beneficial impact of the technology deployment.

- a) How will the technology affect the D&D project's cost?

- b) How will the technology affect the D&D project's schedule?

- c) How will the technology affect the D&D project's risk to personnel, the environment and/or property?

B. Feasibility: Is it feasible to deploy the technology during the present LSDDP project (2002-2003)?

1. Cost: What is the approximate cost of deployment? Use burdened costs. (Note: A better cost estimate will be performed later, if the deployment passes this screening)

Activity	Cost to LSDDP Project (\$K)	Cost to Site (\$K)
Equipment Purchase		
Deployment Engineer Salary Travel Dep. Plan Dep. Report		
Site work authorization and regulatory approval		
Training		
Site Personnel Setup Actual Use		
Other		
Total		

2. Schedule: Does the deployment fit within the overall site schedule?

3. Resources: Does the site have the resources available (and commitment) to perform the deployment?

4. Authorization Basis: Is technology deployment feasible given the status of the site authorization basis?
List any major considerations.

C. Appropriateness: Given the LSDDP mission, how appropriate is the technology deployment?

1. Demonstration: Describe the degree to which the technology has been demonstrated.

- a) Has the technology been previously demonstrated?

- b) How has the performance been documented (ITSR, technical report, etc.)?

- c) How well does the performance match the need?

2. Multi-Site Possibilities: Is there multi-site interest in this technology?

3. Availability: Is the technology commercially available?

D. Other Information: This space is available to provide any other information that may help in evaluating this technology.