



**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
REMEDIAL TECHNOLOGY SCREENING (RTS) FORM**

Site Name:	LPST I.D. No.:	Facility I.D. No.:
Address:		
Date Prepared:	Prepared By:	CAPM No.:

Please answer the questions below for each remedial technology which was considered for use at the site. Then indicate the remedial technology chosen to be the most appropriate for use at the site by checking the box next to "Selected Technology" in the title bar of that method.

<input type="checkbox"/> Selected Technology	SOIL VAPOR EXTRACTION
Is clayey soil targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the intrinsic permeability (k) of the soil < 10 ⁻⁸ cm ² ?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are fuel/lube oils or waste oils targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If the answer to any of the questions above is yes, SVE is not likely to be effective at the site and requires further evaluation.	

<input type="checkbox"/> Selected Technology	BIOVENTING
Is clayey soil targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the intrinsic permeability (k) of the soil < 10 ⁻⁸ cm ² ?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are fuel/lube oils or waste oils targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If the answer to any of the questions above is yes, bioventing is not likely to be effective at the site and requires further evaluation.	

<input type="checkbox"/> Selected Technology	AIR SPARGING
Is free product present at the site?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are nearby basements, sewers, utilities, or other subsurface confined spaces present?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is contaminated groundwater in a confined aquifer?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are fuel/lube oils or waste oils targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is clayey soil targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the intrinsic permeability (k) of the soil < 10 ⁻⁹ cm ² ?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If the answer to any of the questions above is yes, airsparging is not likely to be effective at the site and requires further evaluation. You may want to consider other technologies such as biosparging, dual-phase extraction or in-situ bioremediation.	

<input type="checkbox"/> Selected Technology	BIOSPARGING
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Is free product present at the site?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are nearby basements, sewers, utilities, or other subsurface confined spaces present?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is contaminated groundwater in a confined aquifer?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If the answer to any of the questions above is yes, biosparging is not likely to be effective at the site and requires further evaluation. You may want to consider other technologies such as dual-phase extraction or in-situ bioremediation	

<input type="checkbox"/> Selected Technology	NATURAL ATTENUATION
Are TPH concentrations > 25,000 ppm in soil?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is there current or projected groundwater use within a 2 year travel time from the site?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are there nearby receptors which could be affected?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If the answer to any of the questions above is yes, natural attenuation is not likely to be effective at the site and requires further evaluation. You may want to consider other technologies such as dual-phase extraction.	

<input type="checkbox"/> Selected Technology	IN-SITU BIOREMEDIATION
Is clayey soil targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the intrinsic permeability (k) of the soil < 10 ⁻¹² cm ² ?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are fuel/lube oils or waste oils targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If the answer to any of the questions above is yes, in-situ bioremediation is not likely to be effective at the site and requires further evaluation. You may want to consider other remedial technologies.	

<input type="checkbox"/> Selected Technology	DUAL-PHASE EXTRACTION
Is unstratified dense clayey soil targeted for remediation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the intrinsic permeability (k) of the soil < 10 ⁻¹² cm ² ?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If the answer to any of the questions above is yes, in-situ bioremediation is not likely to be effective at the site and requires further evaluation. You may want to consider other remedial technologies.	
Will groundwater extraction be used at the site?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If yes, is it for contaminant purposes?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Will total fluids be pumped?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Will it be used in conjunction with the selected remedial technology above?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Has an aquifer pump test been conducted?	<input type="checkbox"/> YES <input type="checkbox"/> NO

If the answer to any of the questions above for the selected remedial technology (excluding groundwater extraction information) is yes, please provide a brief description of the measures which will be taken to address these issues or the rationale/justification for overlooking these issues. If a remedial technology other than those listed above will be used,

please provide a brief description of the method and how it will be applied. Additional sheets may be attached if necessary.