

San Joaquin Valley  
Unified Air Pollution Control District

**Best Available Control Technology (BACT) Guideline 2.1.1\***

Last Update: 5/11/2022

**Soil Remediation Operation - Thermal Oxidizer \*RESCINDED\***

BACT is the most stringent control technique for the emissions unit and class of source. Control techniques that are not achieved in practice or contained in a State Implementation Plan must be cost effective as well as feasible. Economic analysis to demonstrate cost effectiveness is required for all determinations that are not achieved in practice or contained in an EPA approved State Implementation Plan.

**\*This is a Summary Page for this Class of Source**

San Joaquin Valley  
Unified Air Pollution Control District

**Best Available Control Technology (BACT) Guideline 2.1.2\***

Last Update: 5/11/2022

**Soil Remediation Operation - I.C. Engine \*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.1.3\***

Last Update: 5/11/2022

**Soil Remediation Operation - Carbon Adsorption \*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.1.4\***

Last Update: 5/6/2020

**Extracted Soil Remediation using Steam Stripping/Flushing  
and 4-Stage Carbon Adsorption, > or = 40 tons/hr \*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.1.5\***

Last Update: 5/11/2022

**Soil Remediation Operation - Above-ground Bioremediation \*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.1.6\***

Last Update: 5/6/2020

**Soil Remediation Operation - Boiler, = or < 4.2 MMBtu/hr \*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.1.7\***

Last Update: 5/11/2022

**Soil Remediation Operation - Thermal Soil Desorber \*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.2.1\***

Last Update: 4/20/2020

**Non-hazardous Wastewater Receiving, Treatment, and Impoundment  
\*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.2.2\***

Last Update: 5/11/2022

**Landfill - VOC-Contaminated Soil \*RESCINDED\***

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.2.3\***

Last Update: 12/30/2021

**Cheese Wastewater Digester**

<b>Pollutant</b>	<b>Achieved in Practice or contained in the SIP</b>	<b>Technologically Feasible</b>	<b>Alternate Basic Equipment</b>
VOC	Enclosed flare with a VOC control efficiency of 98% by weight or VOC emissions < 20 ppmv @ 3% O <sub>2</sub>	Ultra low emissions flare with a VOC control efficiency > 99% by weight or VOC emissions < 20 ppmv @ 3% O <sub>2</sub> , and NO <sub>x</sub> emissions < 0.025 lb/MMBtu	
SO <sub>x</sub>	99% H <sub>2</sub> S removal (dry or wet scrubber)		

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San Joaquin Valley  
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**Best Available Control Technology (BACT) Guideline 2.3.1\***

Last Update: 4/20/2020

**Contaminated Water Remediation - Mobile Air Stripper, = or > 750 cfm Air  
Stream \*RESCINDED\***

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