

UV-Oxidation Questionnaire



Please complete the following questionnaire. This information will be used to help us evaluate the feasibility of using the UV-Oxidation system at your site. Any additional information is welcomed and may also be enclosed. Please contact us with any questions.

Estimate due date: _____

Date: _____

Company Information:

Your Name: _____

Title: _____

Alternate Contact _____

Title: _____

Company Name _____

Dept. _____

Mailing Address _____

City: _____

State: _____ ZIP _____

Phone No: _____ Ext.: _____

Fax Number: _____

E-mail address: _____

Would your company be interested in having a presentation on UV-Oxidation applicability? _____

How did you hear about UV-Oxidation? _____

Please Classify this project as:

End User

Consultant to End User

Other

Project Information:

Client Name (if applicable) _____

Site Designation: _____

Site Location: _____

Treatment Alternatives: _____

Regulations which must be met (circle one):

NPDES

Superfund

EPA

OCPSF

RCRA

NONE

Will system be placed in a building? _____

Pounds per day VOC discharge before off-gas treatment is required? _____

To what stage has this project progressed (please circle one):

Pre-Feasibility

Feasibility

Initial Design

Final Design

Will this system come to bid? _____

Please estimate the following dates/deadlines (if applicable): Feasibility Completed _____

Design Due Date _____

Expected Installation Date _____

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Process Information:

Water Source: _____

Design Flow Rate (GPM) _____ Expected Flow Rate (GPM) _____

Discharge to _____ Hrs/Day Operation _____

Days/Year Operation _____ Power Rate (\$/kWh) _____

Present Treatment _____

Expected Pretreatment/Post-Treatment _____

Water Quality (influent to UV-Oxidation):

UV Transmittance (UVT) _____

Turbidity (NTU) _____

pH _____

Hardness (ppm) _____

TDS (ppm) _____

Soluble Iron (ppm) _____

TOC (ppm) _____

BOD (ppm) _____

Sulfate (ppm) _____

Emulsified Oil and Grease (ppm) _____

Visual Color _____

Alkalinity (ppm) _____

TSS (ppm) _____

Chloride (ppm) _____

Insoluble Iron (ppm) _____

COD (ppm) _____

Nitrate (ppm) _____

Influent Temperature (F) _____

Free Oil and Grease (ppm) _____

Organic Contaminants:

<u>Contaminant:</u>	<u>Influent Conc.</u>		<u>Effluent</u>	<u>CCOT Use</u>
	<u>Avg. (ppb)</u>	<u>Peak (ppb)</u>	<u>Conc.(ppb)</u>	<u>EE/O</u>
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____

Please attach additional sheet(s) if necessary.

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Please Sketch a process diagram of your current treatment system and indicate how you anticipate UV-Oxidation technology fitting into this system. If no treatment system exists, then please provide a diagram of the envisioned treatment system.

Thank you for taking the time to complete this questionnaire. This information will allow us to better understand your problem. Please take a few moments to review the completed questionnaire and attach any additional relevant information about your site.

Comments

Calgon Carbon Oxidation Technology Use:		
TSR_____	Date Sent to TSR_____	
Controlling Compound_____	EE/O_____	H ₂ O Dose_____
Design Test Cost_____		
Application Engineer:_____	Date_____	

Return via Fax to: 724-695-3318
Attention: UV-Oxidation Product Manager