

CHECKLIST: Guide for Consideration of Whether a Facility Should Have a Site Specific Risk Assessment (SSRA) Performed for Purposes of Combustion Unit Permit Review.

Facility: _____ Date Reviewed: _____
 Solid Waste Registration No.: _____ Hazardous Waste Permit No.: _____
 Combustion Units: _____ Project Manager: _____
 RN: _____ Team Leader: _____
 CN: _____

		Y	N	Explanation: (required)
1.	Are there indications of potential impacts from Hazardous Waste Combustion Unit(s) (HWC) measured by an ambient monitoring system?			
2.	Do(es an) HWC Unit(s) in the facility burn multiple/varied waste streams?			
3.A.	Do data show significant measured mercury emissions from or high mercury content in waste feeds (prior to any spiking of feeds for testing purposes) to (an) HWC Unit(s) after application of HWC MACT control schemes? (See Criterion #3.B.)			
3.B.	Are measured stack testing mercury emission rates (Facility Totals- all HWC stacks after application of applicable HWC MACT control schemes, including B/IFs; without spiking of mercury for test purposes) $\geq 1.0 \times 10^{-3}$ g/s?			Reported Measured Rate and Comments:
4.A.	Do data show significant measured Dioxin/Furan emissions from or high Dioxin/Furan content (F020, F021, F022, F023, and/or F024) in waste feeds to (an) HWC Unit(s) after application of HWC MACT control schemes? (See Criterion #4.B.)			

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	Reported Measured Rate and Comments:
4.B.	Are measured stack testing dioxin/furan emission rates (Facility Totals- all HWC stacks after application of applicable HWC MACT control schemes, including B/IFs and based on Toxicity Equivalence Quotient (TEQ)) $\geq 1.0 \times 10^{-7}$ g/s (grams per second)?
5.	Are there Environmentally/Health Sensitive land use areas (both actual and potential) and/or watersheds in the surrounding vicinity of the facility?
6.	Are there significant measurable Cr (chromium), Be (Beryllium), or As (Arsenic) emissions or high Cr, Be or As content in waste feeds (prior to any spiking of feeds for testing purposes) from an/the HWC Unit(s) after application of HWC MACT control schemes?
7.	Does the/a unit burn wastes that are complex and/or might present difficult characterization or accuracy concerns due to stream variability, analytical difficulty (such as analyte interferences), difficulty obtaining representative material samples, or other problems possibly affecting constituent emission rates and compositions?
8.	Are there other relevant legal or technical factors that would impact a decision to conduct an SSRA?

Recommendation: An SSRA (should) (should not) be conducted for this facility

Conclusions and basis for recommendation