

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Best Available Control Technology (BACT) Guideline**

Source Category

Source:	<i>Air Stripper - Ground Water Treatment</i>	Revision:	3
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Class:	<i>All</i>	Date:	06/16/95

Termination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. ≤ 10 ppmv at outlet of control device; or $\geq 98.5\%$ capture/destruction efficiency ^{a,T} 2. ≤ 10 ppmv at outlet of control device; or $\geq 98.5\%$ capture/destruction efficiency if inlet VOC ≥ 2000 ppmv; or $\geq 97\%$ capture/destruction efficiency if inlet VOC ≥ 200 to < 2000 ppmv; or $\geq 90\%$ capture/destruction efficiency if inlet VOC < 200 ppmv ^{a,T}	1. Two or More Activated Carbon Canister in Series or Thermal Oxidizer ^{a,T} 2. Two or More Activated Carbon Canisters in Series or Thermal Oxidizer or Catalytic Oxidizer ^{a,T}
NO_x	1. n/a 2. n/a	1. n/a 2. n/a
SO₂	1. n/a 2. n/a	1. n/a 2. n/a
CO	1. n/a 2. n/a	1. n/a 2. n/a
PM₁₀	1. n/a 2. n/a	1. n/a 2. n/a
NPOC	1. ≤ 10 ppmv at outlet of control device ^{a,T} 2. ≤ 10 ppmv at outlet of control device; or $\geq 95\%$ capture/recovery efficiency ^{a,T}	1. Two or More Activated Carbon Canisters in Series ^{a,T} 2. Two or More Activated Carbon Canisters in Series ^{a,T}

References

a. BAAQMD
T. TBACT

