

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

Source Category

Source:	<i>Sewage Treatment Plant - Headworks and Primary Treatment</i>	Revision:	2
		Document #:	150.1.1
Class:	<i>All</i>	Date:	06/02/95

Determination

POLLUTANT	BACT		TYPICAL TECHNOLOGY
	1. Technologically Feasible/ Cost Effective	2. Achieved in Practice	
POC	1. n/a 2. n/a		1. Process modifications (e.g., turbulence reduction), and covers with vapor phase controls (process air recycle, odor control equipment, activated carbon or alumina systems, biofilters) ^{a,T} 2. Industrial source control, packed scrubber for odor control at headworks, and fixed covers for primary clarifiers ^{a,T}
NOx	1. n/a 2. n/a		1. n/a ^b 2. n/a ^b
SO₂	1. n/s 2. n/s		1. Ferrous Chloride Injection and Caustic Scrubber for Hydrogen Sulfide Removal ^a 2. Ferrous Chloride Injection for Hydrogen Sulfide Removal ^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. n/a 2. n/a		1. n/a 2. n/a

References

- a. BAAQMD
- b. Draft Tri-TAC VOC Control Technology Guidance Document
- T. TBACT