

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

**Source Category**

<b>Source:</b>	<i>Sewage Treatment Plant - High Purity Oxygen Activated Sludge</i>	<b>Revision:</b>	2
		<b>Document #:</b>	150.1.3
<b>Class:</b>	<i>All</i>	<b>Date:</b>	06/02/95

**Determination**

<b>POLLUTANT</b>	<b>BACT</b> 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	<b>TYPICAL TECHNOLOGY</b>
<b>POC</b>	1. n/s 2. n/s	1. Vapor phase controls (odor control equipment, activated carbon or alumina systems, or combustion abatement device) <sup>a,T</sup> 2. Industrial source control <sup>a,T</sup>
<b>NOx</b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>SO<sub>2</sub></b>	1. n/s 2. n/s	1. Ferrous Chloride Injection and Caustic Scrubber for Hydrogen Sulfide Removal <sup>a</sup> 2. Ferrous Chloride Injection for Hydrogen Sulfide Removal <sup>a</sup>
<b>CO</b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>PM<sub>10</sub></b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>NPOC</b>	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