

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

**Source Category**

<b>Source:</b>	<i>Sewage Treatment Plant - Conventiunonal Air Activated Sludge</i>	<b>Revision:</b>	<b>2</b>
		<b>Document #:</b>	<b>150.1.2</b>
<b>Class:</b>	<b>All</b>	<b>Date:</b>	<b>06/02/95</b>

**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. Process modifications with liquid phase controls <sup>a,b,T</sup> 2. Industrial source control <sup>a,T</sup>
<b>NOx</b>	1. n/a 2. n/a	1. n/a <sup>b</sup> 2. n/a <sup>b</sup>
<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. Ferous 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