

**DATA SELECTION**

Table B-1 Facilities and Sample Points Used to Determine Pollutants of Concern for Chapter 6

Subcategory <sup>1</sup>	Facility	Sample Point	Analytes <sup>2</sup>	
Metals	1987	01, 02	All	
	4055	01, 02	All	
	4378	01, 03	All but total cyanide and organics	
			06	total cyanide
			08	organics
	4382	0, 05	All	
	4393	01, 03, 05, 06, 08	All	
	4798	02	All	
	4803	01, 03, 05, 07, 10	All but those in sample point 12	
			12	oil & grease, SGT- HEM, total cyanide, organics
652	01	All		
Organics	1987	07A, 07B	All	

<sup>1</sup> The identification of the oils subcategory facilities are excluded from this table to protect confidential business information. The identification of these facilities is contained in the CBI portion of the CWT record (DCN 36.6.1).

<sup>2</sup> See section 10.2.3 for an explanation for EPA's selection of analytes at these particular sample points.

Table B-2 Facilities and Sample Points Used in LTA Test in section 10.4.3.1<sup>1</sup>

Subcategory	Option	Facility	Influent Sample Point(s)	Analytes <sup>3</sup>	Process <sup>4</sup>
Metals	1A	1987	01,02 <sup>5</sup>	arsenic	Batch
		4383	07	arsenic	Continuous
		4798	02	arsenic	Continuous
	3	4378	01,03 <sup>6</sup>	all except organics and total cyanide	Batch
			06	total cyanide	Continuous
			08	organics	Batch
		4803	01,03,05,07,10	all except those at sample point 12	Batch
		12	oil & grease, SGT-HEM, total cyanide, organics	Continuous	
	4	4798	02	all	Continuous
	Cyanide subset	2	4055	02	total cyanide
Oils	8	4814A	07	all	Continuous
		4814B	09	all	Continuous
	9	4813	05	all but total cyanide	Continuous
			06	total cyanide	Continuous
		4814A	07	all	Continuous
	4814B	09	all	Continuous	
	651 <sup>2</sup>	01			
Organics	4	1987	07B	all	Continuous

<sup>1</sup> These influent data also were used in the percent removals test described in section 10.4.3.2.

<sup>2</sup> The influent data for this facility were from EPA sampling episode 5046, sample point 01.

<sup>3</sup> See section 10.2.3 for an explanation for EPA's selection of analytes at these particular sample points.

<sup>4</sup> Section 10.3 of the development document describes the differences in data analyses for batch and continuous flow processes. ('Continuous' indicates that the data were either from continuous flow systems or the batches were composited in the field.)

<sup>5</sup> On day 3, the flow for sample point 01 was 2,500 gallons, and 1,290 for sample point 02. (For each of the other days, the flows were not required because EPA sampled only one of the two sample points.)

<sup>6</sup> On each day, the flow for sample point 01 was 5,000 gallons, and 30,000 gallons for sample point 03.

<sup>7</sup> The flows associated with these sample points are excluded from this appendix to protect confidential business information. The flows are provided in the CBI portion of the CWT record (DCN 36.6.2).

Table B-3 Facilities and Sample Points Used to Determine Limitations (Chapter 10)

Subcategory	Option	Facility	Effluent Sample Point	Analytes <sup>1</sup>	Process <sup>2</sup>
Metals	3	4378	09	all	Continuous
		4803	15	all except those at sample point 16	Continuous
			16	oil & grease, SGT-HEM, total cyanide, organics	Continuous
		602	01	all	Batch
	4	4798	05	all	Continuous
Cyanide subset	2	4055	03	total cyanide	Batch
Oils	8	4814A	09	all	Continuous
		4814B	10	all	Continuous
	9	4813	07	all	Continuous
		4814A	09	all	Continuous
		4814B	10	all	Continuous
		651	01	all	Continuous
Organics	4	1987	12	all	Continuous

<sup>1</sup> See section 10.2.3 for an explanation for EPA's selection of analytes at these particular sample points. Specific data exclusions are described in section 10.4.1. Also, the data must pass the tests described in section 10.4.3.

<sup>2</sup> Section 10.3 of the development document describes the differences in data analyses for batch and continuous flow processes. ('Continuous' indicates that the data were either from continuous flow systems or the batches were composited in the field.)

Table B-4 Facilities and Sample Points Used to Determine Current Loadings in Chapter 12

Subcategory <sup>1</sup>	Option	Facility	Sample Points	Analytes <sup>4</sup>	Process <sup>6</sup>
Metals <sup>2</sup>	1C	1987	01, 02	all	Batch
		4055	01	all	Batch
		4378	01, 03	all except total cyanide, organics	Batch
		4382	07	all <sup>5</sup>	Continuous
		4393	01	all	Batch
		4803	01, 03, 05, 07, 10	all except oil & grease, SGT-HEM, total cyanide, organics	Batch
		652	01	all	Batch
	1E	1987	03	all	Continuous
		4382	08	all <sup>5</sup>	Continuous
		4798	03	all	Continuous
		613	16	all	Batch
		652	02	all	Continuous
	1F	4382	12	all	Continuous
		4393	13	all	Continuous
4798		04	all	Continuous	
652		03	all	Continuous	
Organics <sup>3</sup>	0	1987	07A, 07B	all	Continuous
		4472	01	all except metals	Continuous
	3	1987	12	all	Continuous
	X	1987	12	organics	Continuous
			14	classicals and metals	Continuous

<sup>1</sup> The identification of the oils subcategory facilities and their RCRA/non-RCRA designations are excluded from this table to protect confidential business information. The identification of these facilities is contained in the CBI portion of the CWT record (DCN 36.6.1).

<sup>2</sup> In Table 12-1, the column corresponding to option 1C is labeled 'raw treatment'; option 1E is 'primary precipitation'; option 1F is 'secondary precipitation'; option 4 is 'BAT Option Technology'; and option 3 is 'Selective Metals precipitation.'

<sup>3</sup> For Table 12-8, option 0 is the basis for the values in the columns 'Raw', 'Filtration Only', 'Carbon Adsorption,'; option 4 is the regulatory option and corresponds to the column 'Biological Treatment'; option X corresponds to the column 'Biological Treatment and Multimedia Filtration.' Section 12.3.3 explains the derivation of the values in each column.

<sup>4</sup> See section 10.2.3 for an explanation for EPA's selection of analytes at these particular sample points.

<sup>5</sup> EPA excluded organics, oil & grease, BOD<sub>5</sub>, COD, TOC, nitrate/nitrite, and ammonia as nitrogen from episode 4382 in its analyses.

<sup>6</sup> See Chapter 12 for assumptions made in using data from continuous and batch flow processes.