

§ 421.183

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(d) Acid wash and rinse water.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium washed	
Arsenic .....	325.500	144.800
Lead .....	65.400	31.140
Zinc .....	227.400	94.990
Fluoride .....	5,450.000	3,099.000
Total suspended solids .....	6,385.000	3,037.000
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(e) Gallium hydrolysis filtrate.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of gallium hydrolyzed	
Arsenic .....	70.450	31.350
Lead .....	14.160	6.742
Zinc .....	49.220	20.560
Fluoride .....	1,180.000	670.800
Total suspended solids .....	1,382.000	657.300
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(f) Solvent extraction raffinate.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of gallium produced by solvent extraction	
Arsenic .....	39.330	17.500
Lead .....	7.904	3.764
Zinc .....	27.480	11.480

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BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Fluoride .....	658.700	374.500
Total suspended solids .....	771.600	367.000
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

§ 421.183 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Still liquor.

BAT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium chlorinated	
Arsenic .....	131.700	58.590
Lead .....	26.460	12.600
Zinc .....	91.980	38.430
Fluoride .....	2,205.000	1,254.000

(b) Chlorinator wet air pollution control.

BAT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium chlorinated	
Arsenic .....	27.530	12.250
Lead .....	5.531	2.634
Zinc .....	19.230	8.034
Fluoride .....	461.000	262.100

(c) Germanium hydrolysis filtrate.

**Environmental Protection Agency**

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**BAT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium hydrolyzed	
Arsenic .....	39.440	17.550
Lead .....	7.925	3.774
Zinc .....	27.550	11.510
Fluoride .....	660.500	375.500

(d) Acid wash and rinse water.

**BAT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium washed	
Arsenic .....	325.50	144.80
Lead .....	65.40	31.14
Zinc .....	227.40	94.99
Fluoride .....	5,450.00	3,099.00

(e) Gallium hydrolysis filtrate.

**BAT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium hydrolyzed	
Arsenic .....	70.450	31.350
Lead .....	14.160	6.742
Zinc .....	49.220	20.560
Fluoride .....	1,180.000	670.800

(f) Solvent extraction raffinate.

**BAT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of gallium produced by solvent extraction	
Arsenic .....	39.330	17.500
Lead .....	7.904	3.764
Zinc .....	27.480	11.480

**BAT LIMITATIONS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUB-CATEGORY—Continued**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Fluoride .....	658.700	374.500

**§ 421.184 Standards of performance for new sources.**

Any new source subject to this subpart shall achieve the following new source performance standards:

(a) Still liquor.

**NSPS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium chlorinated	
Arsenic .....	131.70	58.59
Lead .....	26.46	12.60
Zinc .....	91.98	38.43
Fluoride .....	2,205.00	1,254.00
Total suspended solids .....	2,583.00	1,229.00
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(b) Chlorinator wet air pollution control.

**NSPS FOR THE PRIMARY AND SECONDARY GERMANIUM AND GALLIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of germanium chlorinated	
Arsenic .....	27.530	12.250
Lead .....	5.531	2.634
Zinc .....	19.230	8.034
Fluoride .....	461.000	262.100
Total suspended solids .....	540.000	256.800
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(c) Germanium hydrolysis filtrate.