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<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 405 - DAIRY PRODUCTS PROCESSING INDUSTRY</u>									
<u>Subpart A - Receiving Stations Subcategory</u>									
<u>(a) For receiving stations receiving only bulk milk in tank trucks.</u>									
BOD	0.032 lb/100 lb	0.012 lb/100 lb		0.005 lb/100 lb	0.003 lb/100 lb		0.005 lb/100 lb		0.003 lb/100 lb
TSS	0.012 lb/100 lb	0.012 lb/100 lb		0.005 lb/100 lb	0.003 lb/100 lb		0.005 lb/100 lb		0.003 lb/100 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>(b) For receiving stations receiving only milk in cans.</u>									
BOD	0.045 lb/100 lb	0.020 lb/100 lb		0.010 lb/100 lb	0.006 lb/100 lb		0.010 lb/100 lb		0.006 lb/100 lb
TSS	0.045 lb/100 lb	0.020 lb/100 lb		0.010 lb/100 lb	0.006 lb/100 lb		0.010 lb/100 lb		0.006 lb/100 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>(c) For receiving stations receiving milk in both bulk and cans, the effluent limitations shall be weighted averages based on the proportion of the total receipts that are received by each mode.</u>									
<u>Subpart B - Fluid Products Subcategory</u>									
BOD	0.180 lb/100 lb	0.060 lb/100 lb		0.012 lb/100 lb	0.008 lb/100 lb		0.012 lb/100 lb		0.008 lb/100 lb
TSS	0.180 lb/100 lb	0.060 lb/100 lb		0.012 lb/100 lb	0.008 lb/100 lb		0.012 lb/100 lb		0.008 lb/100 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart C - Cultured Products Subcategory</u>									
BOD	0.320 lb/100 lb	0.080 lb/100 lb		0.033 lb/100 lb	0.011 lb/100 lb		0.033 lb/100 lb		0.011 lb/100 lb
TSS	0.320 lb/100 lb	0.080 lb/100 lb		0.033 lb/1000 lb	0.011 lb/100 lb		0.033 lb/100 lb		0.011 lb/100 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 405 - DAIRY PRODUCTS PROCESSING INDUSTRY (Continued)</u>									
<u>Subpart D - Butter Subcategory</u>									
BOD	0.260 lb/100 lb	0.081 lb/100 lb	0.026 lb/100 lb	0.013 lb/100 lb	0.026 lb/100 lb	0.013 lb/100 lb	0.026 lb/100 lb	0.013 lb/100 lb	
TSS	0.260 lb/100 lb	0.081 lb/100 lb	0.026 lb/100 lb	0.013 lb/100 lb	0.026 lb/100 lb	0.013 lb/100 lb	0.026 lb/100 lb	0.013 lb/100 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
<u>Subpart E - Cottage Cheese and Cultured Cream Cheese Subcategory</u>									
BOD	1.824 lb/100 lb	0.456 lb/100 lb	0.220 lb/100 lb	0.107 lb/100 lb	0.220 lb/100 lb	0.107 lb/100 lb	0.220 lb/100 lb	0.107 lb/100 lb	
TSS	1.824 lb/100 lb	0.456 lb/100 lb	0.220 lb/100 lb	0.107 lb/100 lb	0.220 lb/100 lb	0.107 lb/100 lb	0.220 lb/100 lb	0.107 lb/100 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
<u>Subpart F - Natural and Processed Cheese Subcategory</u>									
<u>(a) For plants processing over 75,000 lbs/day of milk</u>									
BOD	0.084 lb/100 lb	0.028 lb/100 lb	0.012 lb/100 lb	0.006 lb/100 lb	0.012 lb/100 lb	0.006 lb/100 lb	0.012 lb/100 lb	0.006 lb/100 lb	
TSS	0.084 lb/100 lb	0.028 lb/100 lb	0.012 lb/100 lb	0.006 lb/100 lb	0.012 lb/100 lb	0.006 lb/100 lb	0.012 lb/100 lb	0.006 lb/100 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
<u>(b) For plants processing less than 75,000 lb/day of milk</u>									
BOD	0.252 lb/100 lb	0.084 lb/100 lb	0.024 lb/100 lb	0.012 lb/100 lb	0.024 lb/100 lb	0.012 lb/100 lb	0.024 lb/100 lb	0.012 lb/100 lb	
TSS	0.252 lb/100 lb	0.084 lb/100 lb	0.024 lb/100 lb	0.012 lb/100 lb	0.024 lb/100 lb	0.012 lb/100 lb	0.024 lb/100 lb	0.012 lb/100 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 405 - DAIRY PRODUCTS PROCESSING INDUSTRY (Continued)</u>									
<u>Subpart G - Fluid Mix for Ice Cream and Other Frozen Desserts Subcategories</u>									
BOD	0.180 lb/100 lb	0.060 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb			
TSS	0.180 lb/100 lb	0.060 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart H - Ice Cream, Frozen Desserts, Novelties and Other Dairy Desserts Subcategory</u>									
BOD	0.720 lb/100 lb	0.240 lb/100 lb	0.070 lb/100 lb	0.035 lb/100 lb	0.070 lb/100 lb	0.035 lb/100 lb			
TSS	0.720 lb/100 lb	0.240 lb/100 lb	0.070 lb/100 lb	0.035 lb/100 lb	0.070 lb/100 lb	0.035 lb/100 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart I - Condensed Milk Subcategory</u>									
BOD	0.090 lb/100 lb	0.040 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb			
TSS	0.090 lb/100 lb	0.040 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb	0.016 lb/100 lb	0.008 lb/100 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart J - Dry Milk Subcategory</u>									
BOD	0.150 lb/100 lb	0.060 lb/100 lb	0.022 lb/100 lb	0.011 lb/100 lb	0.022 lb/100 lb	0.011 lb/100 lb			
TSS	0.150 lb/100 lb	0.060 lb/100 lb	0.022 lb/100 lb	0.011 lb/100 lb	0.022 lb/100 lb	0.011 lb/100 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 405 - DAIRY PRODUCTS PROCESSING INDUSTRY (Continued)</u>									
<u>Subpart K - Condensed Whey Subcategory</u>									
BOD	0.090 lb/100 lb	0.040 lb/100 lb		0.016 lb/100 lb	0.008 lb/100 lb		0.016 lb/100 lb	0.008 lb/100 lb	
TSS	0.090 lb/100 lb	0.040 lb/100 lb		0.016 lb/100 lb	0.008 lb/100 lb		0.016 lb/100 lb	0.008 lb/100 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart L - Dry Whey Subcategory</u>									
BOD	0.150 lb/100 lb	0.060 lb/100 lb		0.022 lb/100 lb	0.011 lb/100 lb		0.022 lb/100 lb	0.011 lb/100 lb	
TSS	0.150 lb/100 lb	0.060 lb/100 lb		0.022 lb/100 lb	0.011 lb/100 lb		0.022 lb/100 lb	0.011 lb/100 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>PART 406 - GRAIN MILLS</u>									
<u>Subpart A - Corn Wet Milling Subcategory</u>									
BOD	150 lb/MSBu	50.0 lb/MSBu		60.0 lb/MSBu	20.0 lb/MSBu		60.0 lb/MSBu	20.0 lb/MSBu	
TSS	105 lb/MSBu	35.0 lb/MSBu		30.0 lb/MSBu	10.0 lb/MSBu		30.0 lb/MSBu	10.0 lb/MSBu	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart B - Corn Dry Milling Subcategory</u>									
BOD	12.0 lb/MSBu	4.0 lb/MSBu		6.0 lb/MSBu	2.0 lb/MSBu		6.0 lb/MSBu	2.0 lb/MSBu	
TSS	10.5 lb/MSBu	3.5 lb/MSBu		3.0 lb/MSBu	1.0 lb/MSBu		3.0 lb/MSBu	1.0 lb/MSBu	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 406 - GRAIN MILLS (Continued)</u>									
<u>Subpart C - Normal Wheat Flour Milling Subcategory</u>									
	No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.		
<u>Subpart D - Bulgur Wheat Flour Milling Subcategory</u>									
BOD	1.50 lb/MSBu	0.50 lb/MSBu		0.90 lb/MSBu	0.30 lb/MSBu		0.90 lb/MSBu	0.30 lb/MSBu	
TSS	1.50 lb/MSBu	0.50 lb/MSBu		0.60 lb/MSBu	0.20 lb/MSBu		0.60 lb/MSBu	0.20 lb/MSBu	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart E - Normal Rice Milling Subcategory</u>									
	No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.		
<u>Subpart F - Parboiled Rice Processing Subcategory</u>									
BOD	0.042 lb/cwt	0.014 lb/cwt		0.021 lb/cwt	0.007 lb/cwt		0.021 lb/cwt	0.007 lb/cwt	
TSS	0.024 lb/cwt	0.008 lb/cwt		0.009 lb/cwt	0.003 lb/cwt		0.009 lb/cwt	0.003 lb/cwt	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 407 - CANNED AND PRESERVED FRUITS AND VEGETABLES PROCESSING INDUSTRY</u>						
<u>Subpart A - Apple Juice Subcategory</u>						
BOD	1.6 lb/ton	0.4 lb/ton	0.56 lb/ton	0.14 lb/ton	0.56 lb/ton	0.14 lb/ton
TSS	2.0 lb/ton	0.5 lb/ton	0.8 lb/ton	0.2 lb/ton	0.8 lb/ton	0.2 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart B - Apple Products Subcategory</u>						
BOD	2.8 lb/ton	0.70 lb/ton	0.56 lb/ton	0.14 lb/ton	0.56 lb/ton	0.14 lb/ton
TSS	3.6 lb/ton	0.90 lb/ton	0.8 lb/ton	0.2 lb/ton	0.8 lb/ton	0.2 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart C - Citrus Products Subcategory</u>						
BOD	2.0 lb/ton	0.5 lb/ton	0.4 lb/ton	0.1 lb/ton	0.4 lb/ton	0.1 lb/ton
TSS	4.4 lb/ton	1.1 lb/ton	0.64 lb/ton	0.16 lb/ton	0.64 lb/ton	0.16 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart D - Frozen Potato Products Subcategory</u>						
BOD	9.5 lb/ton	1.9 lb/ton	1.6 lb/ton	0.32 lb/ton	1.6 lb/ton	0.32 lb/ton
TSS	17.5 lb/ton	3.5 lb/ton	2.7 lb/ton	0.54 lb/ton	2.7 lb/ton	0.54 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 407 - CANNED AND PRESERVED FRUITS AND VEGETABLES PROCESSING INDUSTRY (Continued)</u>									
<u>Subpart E - Dehydrated Potato Products Subcategory</u>									
BOD	8.0 lb/ton	1.6 lb/ton		1.6 lb/ton	0.32 lb/ton		1.6 lb/ton	0.32 lb/ton	
TSS	16.0 lb/ton	3.2 lb/ton		2.7 lb/ton	0.54 lb/ton		2.7 lb/ton	0.54 lb/ton	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>PART 408 - CANNED AND PRESERVED SEAFOOD PROCESSING</u>									
<u>Subpart A - Farm-Raised Catfish Processing of More Than 908kg (2000 lbs) of Raw Material Per Day</u>									
BOD	4.6 lb/1000 lb	2.3 lb/1000 lb		4.2 lb/1000 lb	1.4 lb/1000 lb		0.20 lb/1000 lb	0.10 lb/1000 lb	
TSS	11.4 lb/1000 lb	5.7 lb/1000 lb		4.2 lb/1000 lb	1.4 lb/1000 lb		0.40 lb/1000 lb	0.20 lb/1000 lb	
Oil&Grease	0.90 lb/1000 lb	0.45 lb/1000 lb		1.4 lb/1000 lb	0.45 lb/1000 lb		0.20 lb/1000 lb	0.10 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart B - Farm-Raised Catfish Processing of 908 kg(2000 lbs) or Less of Raw Material Per Day Subcategory</u>									
BOD	4.6 lb/1000 lb	2.3 lb/1000 lb		4.2 lb/1000 lb	1.4 lb/1000 lb		0.20 lb/1000 lb	0.10 lb/1000 lb	
TSS	11.4 lb/1000 lb	5.7 lb/1000 lb		4.2 lb/1000 lb	1.4 lb/1000 lb		0.40 lb/1000 lb	0.20 lb/1000 lb	
Oil&Grease	0.90 lb/1000 lb	0.45 lb/1000 lb		1.4 lb/1000 lb	0.45 lb/1000 lb		0.20 lb/1000 lb	0.10 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart C - Conventional Blue Crab Processing Subcategory</u>									
BOD	0.30 lb/1000 lb	0.15 lb/1000 lb		0.36 lb/1000 lb	0.12 lb/1000 lb		0.30 lb/1000 lb	0.15 lb/1000 lb	
TSS	0.90 lb/1000 lb	0.45 lb/1000 lb		0.36 lb/1000 lb	0.12 lb/1000 lb		0.90 lb/1000 lb	0.45 lb/1000 lb	
Oil&Grease	0.13 lb/1000 lb	0.065 lb/1000 lb		0.078 lb/1000 lb	0.026 lb/1000 lb		0.13 lb/1000 lb	0.065 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 408 - CANNED AND PRESERVED SEAFOOD PROCESSING (Continued)</u>						
<u>Subpart D - Mechanized Blue Crab Processing Subcategory</u>						
BOD	6.0 lb/1000 lb	3.0 lb/1000 lb	5.7 lb/1000 lb	1.9 lb/1000 lb	5.0 lb/1000 lb	2.5 lb/1000 lb
TSS	15 lb/1000 lb	7.4 lb/1000 lb	5.7 lb/1000 lb	1.9 lb/1000 lb	13 lb/1000 lb	6.3 lb/1000 lb
Oil&Grease	2.8 lb/1000 lb	1.4 lb/1000 lb	1.6 lb/1000 lb	0.53 lb/1000 lb	2.6 lb/1000 lb	1.3 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart E - Alaskan Crab Meat Processing Subcategory</u>						
BOD	29 lb/1000 lb	9.6 lb/1000 lb	12 lb/1000 lb	4.9 lb/1000 lb	25 lb/1000 lb	8.2 lb/1000 lb
TSS	19 lb/1000 lb	6.2 lb/1000 lb	4.0 lb/1000 lb	1.6 lb/1000 lb	16 lb/1000 lb	5.3 lb/1000 lb
Oil&Grease	1.8 lb/1000 lb	0.61 lb/1000 lb	0.25 lb/1000 lb	0.10 lb/1000 lb	1.6 lb/1000 lb	0.52 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart F - Alaskan Whole Crab and Crab Section Processing Subcategory</u>						
BOD	18 lb/1000 lb	6.0 lb/1000 lb	7.8 lb/1000 lb	3.1 lb/1000 lb	15 lb/1000 lb	5.1 lb/1000 lb
TSS	12 lb/1000 lb	3.9 lb/1000 lb	2.5 lb/1000 lb	0.99 lb/1000 lb	9.9 lb/1000 lb	3.3 lb/1000 lb
Oil&Grease	1.3 lb/1000 lb	0.42 lb/1000 lb	0.22 lb/1000 lb	0.072 lb/1000 lb	1.1 lb/1000 lb	0.36 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart G - Dungeness and Tanner Crab Processing in the Contiguous States Subcategory</u>						
BOD	12 lb/1000 lb	4.8 lb/1000 lb	1.8 lb/1000 lb	0.92 lb/1000 lb	10 lb/1000 lb	4.1 lb/1000 lb
TSS	2.0 lb/1000 lb	0.81 lb/1000 lb	4.6 lb/1000 lb	2.3 lb/1000 lb	1.7 lb/1000 lb	0.69 lb/1000 lb
Oil&Grease	0.30 lb/1000 lb	0.12 lb/1000 lb	0.11 lb/1000 lb	0.057 lb/1000 lb	0.14 lb/1000 lb	0.057 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 408 - CANNED AND PRESERVED SEAFOOD PROCESSING (Continued)</u>						
<u>Subpart H - Alaskan Shrimp Processing Subcategory</u>						
BOD	360 lb/1000 lb	120 lb/1000 lb	160 lb/1000 lb	64 lb/1000 lb	300 lb/1000 lb	100 lb/1000 lb
TSS	320 lb/1000 lb	210 lb/1000 lb	140 lb/1000 lb	56 lb/1000 lb	270 lb/1000 lb	180 lb/1000 lb
Oil&Grease	5.5 lb/1000 lb	13 lb/1000 lb	5.5 lb/1000 lb	2.2 lb/1000 lb	33 lb/1000 lb	11 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart I - Northern Shrimp Processing of More Than 1816 kg (4000 lbs) of Raw Material Per Day in the Contiguous States Subcategory</u>						
BOD	180 lb/1000 lb	70 lb/1000 lb	7.6 lb/1000 lb	3.8 lb/1000 lb	155 lb/1000 lb	62 lb/1000 lb
TSS	40 lb/1000 lb	16 lb/1000 lb	19 lb/1000 lb	9.6 lb/1000 lb	38 lb/1000 lb	15 lb/1000 lb
Oil&Grease	16 lb/1000 lb	6.3 lb/1000 lb	0.48 lb/1000 lb	0.24 lb/1000 lb	14 lb/1000 lb	5.7 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart J - Northern Shrimp Processing of 1816 kg (4000 lbs) or Less of Raw Material Per Day in the Contiguous States Subcategory</u>						
BOD	360 lb/1000 lb	120 lb/1000 lb	155 lb/1000 lb	62 lb/1000 lb	155 lb/1000 lb	62 lb/1000 lb
TSS	160 lb/1000 lb	54 lb/1000 lb	38 lb/1000 lb	15 lb/1000 lb	38 lb/1000 lb	15 lb/1000 lb
Oil&Grease	96 lb/1000 lb	32 lb/1000 lb	14 lb/1000 lb	5.7 lb/1000 lb	14 lb/1000 lb	5.7 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart K - Southern Non-Breaded Shrimp Processing of More Than 1816 kg(4000 lbs) of Raw Material Per Day in the Contiguous States Subcategory</u>						
BOD	70 lb/1000 lb	28 lb/1000 lb	6.0 lb/1000 lb	3.0 lb/1000 lb	63 lb/1000 lb	25 lb/1000 lb
TSS	28 lb/1000 lb	11 lb/1000 lb	15 lb/1000 lb	7.6 lb/1000 lb	25 lb/1000 lb	10 lb/1000 lb
Oil&Grease	4.5 lb/1000 lb	1.8 lb/1000 lb	0.38 lb/1000 lb	0.19 lb/1000 lb	4.0 lb/1000 lb	1.6 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 408 - CANNED AND PRESERVED SEAFOOD PROCESSING (Continued)</u>									
<u>Subpart L - Southern Non-Breaded Shrimp Processing 1816 kg (4000 lbs) or Less of Raw Material Per Day in the Contiguous States Subcategory</u>									
BOD	140 lb/1000 lb	46 lb/1000 lb	63 lb/1000 lb	25 lb/1000 lb	63 lb/1000 lb	25 lb/1000 lb			
TSS	110 lb/1000 lb	38 lb/1000 lb	25 lb/1000 lb	10 lb/1000 lb	25 lb/1000 lb	10 lb/1000 lb			
Oil&Grease	27 lb/1000 lb	9 lb/1000 lb	4.0 lb/1000 lb	1.6 lb/1000 lb	4 lb/1000 lb	1.6 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart M - Breaded Shrimp Processing of More Than 1816 kg (4000 lbs) of Raw Material Per Day in the Contiguous States Subcategory</u>									
BOD	125 lb/1000 lb	50 lb/1000 lb	9.2 lb/1000 lb	4.6 lb/1000 lb	100 lb/1000 lb	40 lb/1000 lb			
TSS	70 lb/1000 lb	28 lb/1000 lb	24 lb/1000 lb	12 lb/1000 lb	55 lb/1000 lb	22 lb/1000 lb			
Oil&Grease	4.5 lb/1000 lb	1.8 lb/1000 lb	0.58 lb/1000 lb	0.29 lb/1000 lb	3.8 lb/1000 lb	1.5 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart N - Breaded Shrimp Processing of 1816 kg (4000 lbs) or Less of Raw Material Per Day in the Contiguous States Subcategory</u>									
BOD	250 lb/1000 lb	84 lb/1000 lb	100 lb/1000 lb	40 lb/1000 lb	100 lb/1000 lb	40 lb/1000 lb			
TSS	280 lb/1000 lb	93 lb/1000 lb	55 lb/1000 lb	22 lb/1000 lb	55 lb/1000 lb	22 lb/1000 lb			
Oil&Grease	27 lb/1000 lb	9 lb/1000 lb	3.8 lb/1000 lb	1.5 lb/1000 lb	3.8 lb/1000 lb	1.5 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart O - Tuna Processing Subcategory</u>									
BOD	20 lb/1000 lb	7.8 lb/1000 lb	1.8 lb/1000 lb	0.51 lb/1000 lb	18 lb/1000 lb	7.0 lb/1000 lb			
TSS	7.5 lb/1000 lb	3.0 lb/1000 lb	1.8 lb/1000 lb	0.51 lb/1000 lb	6.8 lb/1000 lb	2.7 lb/1000 lb			
Oil&Grease	2.2 lb/1000 lb	0.87 lb/1000 lb	0.22 lb/1000 lb	0.064 lb/1000 lb	2.0 lb/1000 lb	0.78 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				

<u>Parameter</u>	<u>BPT</u>		<u>BAT</u>		<u>New Sources</u>	
	<u>Daily</u>	<u>30 Day</u>	<u>Daily</u>	<u>30 Day</u>	<u>Daily</u>	<u>30 Day</u>
<u>PART 409 - SUGAR PROCESSING INDUSTRIES</u>						
<u>Subpart A - Beet Sugar Processing Subcategory</u>						
(a)	No discharge of process waste water pollutants to navigable waters.		No discharge of process waste water pollutants to navigable waters.		No discharge of process waste water pollutants to navigable waters.	
(b)	The effluent limitation of no discharge of process waste water pollutants to navigable waters is based upon the availability of suitable land for controlled filtration of the excess process waste waters. If suitable land is not available for controlled filtration, the effluent limitation may be varied to allow the discharge of barometric condenser water derived from sugar evaporation and crystallization within the effluent limitations set forth in the following table:		Application of the factors listed in section 304(b)(2)(b) does not require variation from the effluent limitation set forth in this section for any point source subject to such effluent limitation.		Application of the factors listed in section 306 does not require variation from the standard of performance set forth in this section for any point source subject to such standards of performance.	
BOD	3.3 lb/1000 lb	2.2 lb/1000 lb				
Temperature	No discharge of heat from waste waters to navigable waters at a temperature greater than the temperature of cooled water returned to the heat producing process.					
pH	6.0 - 9.0					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 409 - SUGAR PROCESSING INDUSTRIES</u>									
<u>Subpart B - Crystalline Cane Sugar Refining Subcategory -</u>									
BOD	2.28 lb/ton of melt	0.76 lb/ton of melt	0.24 lb/ton of melt	0.08 lb/ton of melt	0.24 lb/ton of melt	0.08 lb/ton of melt	0.24 lb/ton of melt	0.08 lb/ton of melt	
TSS	0.48 lb/ton of melt	0.12 lb/ton of melt	0.24 lb/ton of melt	0.06 lb/ton of melt	0.24 lb/ton of melt	0.06 lb/ton of melt	0.24 lb/ton of melt	0.06 lb/ton of melt	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart C - Liquid Cane Sugar Refining Subcategory -</u>									
BOD	1.70 lb/ton of melt	0.48 lb/ton of melt	0.42 lb/ton of melt	0.12 lb/ton of melt	0.42 lb/ton of melt	0.12 lb/ton of melt	0.42 lb/ton of melt	0.12 lb/ton of melt	
TSS	0.90 lb/ton of melt	0.20 lb/ton of melt	0.28 lb/ton of melt	0.06 lb/ton of melt	0.28 lb/ton of melt	0.06 lb/ton of melt	0.28 lb/ton of melt	0.06 lb/ton of melt	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>PART 410 - TEXTILE MILLS</u>									
<u>Subpart A - Wool Scouring Subcategory -</u>									
BOD	7.4 lb/1000 lb wool	3.7 lb/1000 lb wool	5.0 lb/1000 lb wool	2.5 lb/1000 lb wool	5.0 lb/1000 lb wool	2.5 lb/1000 lb wool	5.0 lb/1000 lb wool	2.5 lb/1000 lb wool	
COD*	48 lb/1000 lb wool	24 lb/1000 lb wool	12.8 lb/1000 lb	6.4 lb/1000 lb wool	12.8 lb/1000 lb wool	6.4 lb/1000 lb wool	12.8 lb/1000 lb wool	6.4 lb/1000 lb wool	
TSS	7.4 lb/1000 lb wool	3.7 lb/1000 lb wool	5.0 lb/1000 lb wool	2.5 lb/1000 lb wool	5.0 lb/1000 lb wool	2.5 lb/1000 lb wool	5.0 lb/1000 lb wool	2.5 lb/1000 lb wool	
Oil&Grease	3.8 lb/1000 lb wool	1.9 lb/1000 lb wool	3.8 lb/1000 lb wool	1.9 lb/1000 lb wool	3.8 lb/1000 lb wool	1.9 lb/1000 lb wool	3.8 lb/1000 lb wool	1.9 lb/1000 lb wool	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
Fecal Coliform	MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.		

*The COD effluent limitation set forth in this section is not applicable for any point source subject to such effluent limitation with a production less than 6,500 kg product per day. This exemption is required because of economic factors listed in section 304(b).

Parameter	Daily	<u>BPT</u>	30 Day	Daily	<u>BAT</u>	30 Day	Daily	<u>New Sources</u>	30 Day
<u>PART 410 - TEXTILE MILLS (Continued)</u>									
<u>Subpart B - Wool Finishing Subcategory</u>									
BOD	15.0 lb/1000 lb wool	7.5 lb/1000 lb wool	10.0 lb/1000 lb prod.	5.0 lb/1000 lb prod.	10.0 lb/1000 lb prod.	5.0 lb/1000 lb prod.			
COD*	112 lb/1000 lb wool	56 lb/1000 lb wool	29.8 lb/1000 lb prod.	14.9 lb/1000 lb prod.	29.8 lb/1000 lb prod.	14.9 lb/1000 lb prod.			
TSS	15.0 lb/1000 lb wool	7.5 lb/1000 wool	10.0 lb/1000 lb prod.	5.0 lb/1000 lb prod.	10.0 lb/1000 lb prod.	5.0 lb/1000 lb prod.			
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
Fecal Coliform	MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.		
<u>Subpart C - Greige Mills Subcategory</u>									
BOD	0.9 lb/1000 lb prod.	0.45 lb/1000 lb prod.	0.6 lb/1000 lb prod.	0.3 lb/1000 lb prod.	0.6 lb/1000 lb prod.	0.3 lb/1000 lb prod.			
TSS	0.9 lb/1000 lb prod.	0.45 lb/1000 lb prod.	0.6 lb/1000 lb prod.	0.3 lb/1000 lb prod.	0.6 lb/1000 lb prod.	0.3 lb/1000 lb prod.			
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
Fecal Coliform	MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.		
<u>Subpart D - Woven Fabric Finishing Subcategory</u>									
BOD	4.4 lb/1000 lb prod.	2.2 lb/1000 lb prod.	3.0 lb/1000 lb prod.	1.5 lb/1000 lb prod.	3.0 lb/1000 lb prod.	1.5 lb/1000 lb prod.			
COD**	66 lb/1000 lb prod.	33 lb/1000 lb prod.	17.6 lb/1000 lb prod.	8.8 lb/1000 lb prod.	17.6 lb/1000 lb prod.	8.8 lb/1000 lb prod.			
TSS	13.8 lb/1000 lb prod.	6.9 lb/1000 lb prod.	9.2 lb/1000 lb prod.	4.6 lb/1000 lb prod.	9.2 lb/1000 lb prod.	4.6 lb/1000 lb prod.			
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
Fecal Coliform	MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.			MPN shall not exceed 400 counts per 100 ml.		

*The COD effluent limitation set forth in this section is not applicable for any point source subject to such effluent limitation with a production less than 900 kg product per day. This exemption is required because of economic factors listed in section 304(b).

**The COD effluent limitation set forth in this section is not applicable for any point source subject to such effluent limitation with a production less than 1000 kg product per day. This exemption is required because of economic factors listed in section 304(b).

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 410 - TEXTILE MILLS (Continued)</u>									
<u>Subpart E - Knit Fabric Finishing Subcategory</u>									
BOD	3.6 lb/1000 lb prod.	1.8 lb/1000 lb prod.	2.4 lb/1000 lb prod.	1.2 lb/1000 lb prod.	2.4 lb/1000 lb prod.	1.2 lb/1000 lb prod.	2.4 lb/1000 lb prod.	1.2 lb/1000 lb prod.	
COD*	48 lb/1000 lb prod.	24 lb/1000 lb prod.	12.8 lb/1000 lb prod.	6.4 lb/1000 lb prod.	12.8 lb/1000 lb prod.	6.4 lb/1000 lb prod.	12.8 lb/1000 lb prod.	6.4 lb/1000 lb prod.	
TSS	16.0 lb/1000 lb prod.	8.0 lb/1000 lb prod.	10.6 lb/1000 lb prod.	5.3 lb/1000 lb prod.	10.6 lb/1000 lb prod.	5.3 lb/1000 lb prod.	10.6 lb/1000 lb prod.	5.3 lb/1000 lb prod.	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
Fecal Coliform	MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml		
<u>Subpart F - Carpet Mills Subcategory</u>									
BOD	8.6 lb/1000 lb prod.	4.3 lb/1000 lb prod.	5.8 lb/1000 lb prod.	2.9 lb/1000 lb prod.	5.8 lb/1000 lb prod.	2.9 lb/1000 lb prod.	5.8 lb/1000 lb prod.	2.9 lb/1000 lb prod.	
COD*	60 lb/1000 lb prod.	30 lb/1000 lb prod.	16.0 lb/1000 lb prod.	8.0 lb/1000 lb prod.	16.0 lb/1000 lb prod.	8.0 lb/1000 lb prod.	16.0 lb/1000 lb prod.	8.0 lb/1000 lb prod.	
TSS	8.6 lb/1000 lb prod.	4.3 lb/1000 lb prod.	5.8 lb/1000 lb prod.	2.9 lb/1000 lb prod.	5.8 lb/1000 lb prod.	2.9 lb/1000 lb prod.	5.8 lb/1000 lb prod.	2.9 lb/1000 lb prod.	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
Fecal Coliform	MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml.		

*The COD effluent limitation set forth in this section is not applicable for any point source subject to such effluent limitation with a production less than 3,450 kg product per day. This exemption is required because of economic factors listed in section 304(b).

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 410 - TEXTILE MILLS (Continued)</u>						
<u>Subpart G - Stock and Yarn Dyeing and Finishing Subcategory</u>						
BOD	7.0 lb/1000 lb prod.	3.5 lb/1000 lb prod	4.6 lb/1000 lb prod.	2.3 lb/1000 lb prod.	4.6 lb/1000 lb prod.	2.3 lb/1000 lb prod.
COD*	94 lb/1000 lb prod.	47 lb/1000 lb prod.	25.0 lb/1000 lb prod.	12.5 lb/1000 lb prod.	25.0 lb/1000 lb prod.	12.5 lb/1000 lb prod
TSS	18.4 lb/1000 lb prod.	9.2 lb/1000 lb prod.	12.2 lb/1000 lb prod.	6.1 lb/1000 lb prod.	12.2 lb/1000 lb prod.	6.1 lb/1000 lb prod.
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
Fecal Coliform	MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml.		MPN shall not exceed 400 counts per 100 ml	

*The COD effluent limitation set forth in this section is not applicable for any point source subject to such effluent limitation with a production less than 3,100 kg product per day. This exemption is required because of economic factors listed in section 304(b).

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 411 - CEMENT MANUFACTURING</u>									
<u>Subpart A - Nonleaching Subcategory</u>									
TSS (non-filtered)	Max. 0.005 kg/kg product cement			Max. 0.005 kg/kg product cement			Max. 0.005 kg/kg product cement		
pH	NTE 6.0 - 9.0			NTE 6.0 - 9.0			NTE 6.0 - 9.0		
Temperature	NTE 3°C rise above inlet temp.			NTE 3°C rise above inlet temp.			NTE 3°C rise above inlet temp.		
<u>Subpart B - Leaching Subcategory</u>									
TSS (non-filtered)	Max. 0.30 lb/ton of dust leached			Max. 0.01 lb/ton product cement			Max. 0.30 lb/ton of dust leached		
pH	NTE 6.0 - 9.0			NTE 6.0 - 9.0			NTE 6.0 - 9.0		
Temperature	NTE 3°C rise above inlet temp.			NTE 3°C rise above inlet temp.			NTE 3°C rise above inlet temp.		
Total Dissolved Solids				Max. 0.01 lb/ton of product cement					
<u>PART 412 - FEEDLOTS</u>									
<u>Subpart A - All Subcategories Except Ducks</u>									
	No discharge of process waste water pollutants to navigable waters, except for runoff.			No discharge of process waste water pollutants to navigable waters, except for runoff.			No discharge of process waste water pollutants to navigable waters, except for runoff.		
<u>Subpart B - Ducks Subcategory</u>									
BOD	Max. 3.66 lb/ 1000 ducks	Max. 2.00 lb/ 1000 ducks		No discharge of process waste water pollutants to navigable waters, except for runoff.			No discharge of process waste water pollutants to navigable waters, except for runoff.		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 412 - FEEDLOTS (Continued)Subpart B - Ducks Subcategory (Continued)

Fecal Coliform Max. at any time 400 counts/100 mg.

No discharge of process waste water
pollutants to navigable waters,
except for runoff.No discharge of process waste water
pollutants to navigable waters,
except for runoff.PART 413 - ELECTROPLATINGSubpart A - Electroplating of Copper, Nickel, Chromium and Zinc on Ferrous, Nonferrous and Plastic Materials Subcategory

Cu	80 mg/sq.m.	40 mg/sq.m.	(a) No discharge of process waste water pollutants.	40 mg/sq.m.	20 mg/sq.m.
Ni	80 mg/sq.m.	40 mg/sq.m.	(b) Application of factors listed in Sec. 304(b) may require variation from the effluent limitation set forth in this Section for any point source subject to such effluent limitation with a production less than 120 sq m per hour. If variation is determined to be necessary for any such source, such source shall be subject to effluent limitations no less stringent than those required by the standards of performance for new sources.	40 mg/sq.m.	20 mg/sq.m.
Cr+6	8 mg/sq.m.	4 mg/sq.m.		4 mg/sq.m.	2 mg/sq.m.
Cr (total)	80 mg/sq.m.	40 mg/sq.m.		40 mg/sq.m.	20 mg/sq.m.
Zn	80 mg/sq.m.	40 mg/sq.m.		40 mg/sq.m.	20 mg/sq.m.
CN (total)	80 mg/sq.m.	40 mg/sq.m.		40 mg/sq.m.	20 mg/sq.m.
Suspended Solids	2,400 mg/sq.m.	1,200 mg/sq.m.		1,200 mg/sq.m.	600 mg/sq.m.
pH	6.0 - 9.5			6.0 - 9.5	
CN (oxidizable)	8 mg/sq.m.	4 mg/sq.m.		4 mg/sq.m.	2 mg/sq.m.

PART 414 - ORGANIC CHEMICALS MANUFACTURING INDUSTRYSubpart A - Nonaqueous Processes Subcategory

BOD	0.045 lb/1000 lb	0.025 lb/1000 lb	0.004 lb/1000 lb	0.002 lb/1000 lb	0.02 lb/1000 lb	0.012 lb/1000 lb
COD	---	---	0.04 lb/1000 lb	0.02 lb/1000 lb	0.15 lb/1000 lb	0.10 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 414 - ORGANIC CHEMICAL MANUFACTURING INDUSTRY (Continued)</u>									
<u>Subpart A - Nonaqueous Processes Subcategory (Continued)</u>									
TSS	0.038 lb/1000 lb	0.023 lb/1000 lb	0.006 lb/1000 lb	0.004 lb/1000 lb	0.012 lb/1000 lb	0.0075 lb/1000 lb			
Phenols	0.0005 lb/1000 lb	0.00025 lb/1000 lb	0.00005 lb/1000 lb	0.000025 lb/1000 lb	0.00010 lb/1000 lb	0.00005 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart B - Processes with Process Water Contact as Steam Diluent or Absorbent Subcategory</u>									
(a) The following limitations constitute the maximum permissible discharge for ethylene, propylene, butadiene (co-product of ethylene), methanol, acetone, acetaldehyde (dehydrogenation of ethanol), and vinyl acetate manufacturing on the basis of production:									
BOD	0.10 lb/1000 lb	0.06 lb/1000 lb	0.008 lb/1000 lb	0.004 lb/1000 lb	0.06 lb/1000 lb	0.035 lb/1000 lb			
COD	---	---	0.13 lb/1000 lb	0.065 lb/1000 lb	0.55 lb/1000 lb	0.40 lb/1000 lb			
TSS	0.10 lb/1000 lb	0.06 lb/1000 lb	0.017 lb/1000 lb	0.010 lb/1000 lb	0.033 lb/1000 lb	0.02 lb/1000 lb			
Phenols	0.0013 lb/1000 lb	0.00066 lb/1000 lb	0.00013 lb/1000 lb	0.000065 lb/1000 lb	0.00026 lb/1000 lb	0.00013 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
(b) The following limitations constitute the maximum permissible discharge for butadiene (dehydrogenation or oxidative dehydrogenation of n-butane), acetylene, ethylene oxide, formaldehyde, ethylene dichloride, vinyl chloride, styrene and methyl amines manufacturing on the basis of production:									
BOD	0.30 lb/1000 lb	0.17 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.15 lb/1000 lb	0.085 lb/1000 lb			
COD	---	---	0.74 lb/1000 lb	0.37 lb/1000 lb	3.0 lb/1000 lb	2.2 lb/1000 lb			
TSS	0.27 lb/1000 lb	0.16 lb/1000 lb	0.0042 lb/1000 lb	0.0025 lb/1000 lb	0.083 lb/1000 lb	0.05 lb/1000 lb			
Phenols	0.0034 lb/1000 lb	0.0017 lb/1000 lb	0.00034 lb/1000 lb	0.00017 lb/1000 lb	0.00068 lb/1000 lb	0.00034 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
PART 414 - ORGANIC CHEMICAL MANUFACTURING INDUSTRY (Continued)									
<u>Subpart C - Aqueous Liquid Phase Reaction Systems Subcategory</u>									
(a) The following limitations constitute the maximum permissible discharge for acetaldehyde (oxidation of ethylene with air or oxygen), acetic acid, acrylic acid, aniline, bisphenol A, coal tar, dimethyl terephthalate, ethylene glycol, oxo chemicals, terephthalic acid (oxidation of p-xylene), and polymer grade terephthalic acid manufacturing on the basis of production:									
BOD	0.30 lb/1000 lb	0.17 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.15 lb/1000 lb	0.085 lb/1000 lb			
COD	---	---	0.78 lb/1000 lb	0.39 lb/1000 lb	3.3 lb/1000 lb	2.3 lb/1000 lb			
TSS	0.27 lb/1000 lb	0.16 lb/1000 lb	0.0083 lb/1000 lb	0.005 lb/1000 lb	0.083 lb/1000 lb	0.05 lb/1000 lb			
Phenols	0.0034 lb/1000 lb	0.0017 lb/1000 lb	0.00068 lb/1000 lb	0.00034 lb/1000 lb	0.00068 lb/1000 lb	0.00034 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
(b) The following limitations constitute the maximum permissible discharge for acrylates, p-cresol, methyl methacrylate, terephthalic acid (nitric acid process) and tetraethyl lead manufacturing on the basis of production:									
BOD	1.5 lb/1000 lb	0.9 lb/1000 lb	0.4 lb/1000 lb	0.2 lb/1000 lb	0.75 lb/1000 lb	0.40 lb/1000 lb			
COD	---	---	14.4 lb/1000 lb	7.2 lb/1000 lb	60 lb/1000 lb	40 lb/1000 lb			
TSS	0.80 lb/1000 lb	0.49 lb/1000 lb	0.27 lb/1000 lb	0.16 lb/1000 lb	0.27 lb/1000 lb	0.16 lb/1000 lb			
Phenols	0.011 lb/1000 lb	0.005 lb/1000 lb	0.0022 lb/1000 lb	0.0011 lb/1000 lb	0.0022 lb/1000 lb	0.0011 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>Subpart D - Batch and Semicontinuous Process Subcategory</u>									
BOD	15.0 lb/1000 lb	9.0 lb/1000 lb	0.80 lb/1000 lb	0.40 lb/1000 lb	1.5 lb/1000 lb	0.85 lb/1000 lb			
COD	---	---	130.0 lb/1000 lb	65.0 lb/1000 lb	540 lb/1000 lb	390 lb/1000 lb			
TSS	13.0 lb/1000 lb	7.88 lb/1000 lb	2.19 lb/1000 lb	1.30 lb/1000 lb	4.38 lb/1000 lb	2.60 lb/1000 lb			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 414 - ORGANIC CHEMICAL MANUFACTURING INDUSTRY (Continued)</u>						
<u>Subpart D - Batch and Semicontinuous Process Subcategory (Continued)</u>						
Phenols	0.17 lb/1000 lb	0.088 lb/1000 lb	0.017 lb/1000 lb	0.0085 lb/1000 lb	0.034 lb/1000 lb	0.017 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING</u>						
<u>Subpart A - Aluminum Chloride Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart B - Aluminum Sulfate Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart C - Calcium Carbide Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart D - Calcium Chloride Production Subcategory</u>						
TSS	0.016 lb/1000 lb	0.0082 lb/1000 lb	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
pH	6.0 - 9.0					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING (Continued)</u>						
<u>Subpart E - Calcium Oxide and Hydroxide Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart F - Chlorine and Sodium or Potassium Hydroxide Production Subcategory</u>						
(a)	Limitations for discharge from production of chlorine, sodium or potassium hydroxide by the mercury cell process:					
TSS	0.64 lb/1000 lb	0.32 lb/1000 lb	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
Total Dissolved Mercury	0.00014 lb/1000 lb	0.00007 lb/1000 lb				
pH	6.0 - 9.0					
(b)	Limitations for discharge from production of chlorine, sodium or potassium hydroxide by the diaphragm cell process:					
TSS	0.17 lb/1000 lb	0.083 lb/1000 lb	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
Total Dissolved Lead	0.005 lb/1000 lb	0.0025 lb/1000 lb				
pH	6.0 - 9.0					
<u>Subpart G - Hydrochloric Acid Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING (Continued)</u>						
<u>Subpart H - Hydrofluoric Acid Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart I - Hydrogen Peroxide Production Subcategory</u>						
(a)	Limitations which may be discharged from the production of hydrogen peroxide by the oxidation process:		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
TSS	0.8 lb/1000 lb	0.4 lb/1000 lb				
TOC	0.44 lb/1000 lb	0.22 lb/1000 lb				
pH	6.0 - 9.0					
(b)	Limitations which may be discharged from the production of hydrogen peroxide by the electrolytic process:					
TSS	0.005 lb/1000 lb	0.0025 lb/1000 lb	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
Total Dissolved Cyanide	0.0004 lb/1000 lb	0.0002 lb/1000 lb				
Total Other Dissolved Metals	0.004 lb/1000 lb	0.0002 lb/1000 lb				
pH	6.0 - 9.0					
<u>Subpart J - Nitric Acid Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING (Continued)</u>									
<u>Subpart K - Potassium Metal Production Subcategory</u>									
	There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.		
<u>Subpart L - Potassium Dichromate Production Subcategory</u>									
	There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.		
<u>Subpart M - Potassium Sulfate Production Subcategory</u>									
	There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.		
<u>Subpart N - Sodium Bicarbonate Production Subcategory</u>									
	There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.		
<u>Subpart O - Sodium Carbonate Production Subcategory</u>									
TSS	0.34 lb/1000 lb	0.17 lb/1000 lb		0.2 lb/1000 lb	0.1 lb/1000 lb		There shall be no discharge of process waste water pollutants to navigable waters.		
pH	6.0 - 9.0			6.0 - 9.0					
<u>Subpart P - Sodium Chloride Production Subcategory</u>									
	There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING (Continued)</u>									
<u>Subpart P - Sodium Chloride Production Subcategory (Continued)</u>									
The following limitations may be discharged from the production of sodium chloride by the brine-mining process:									
TSS	0.30 lb/1000 lb		0.15 lb/1000 lb						
pH	6.0 - 9.0								

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING (Continued)</u>									
<u>Subpart Q - Sodium Dichromate and Sodium Sulfate Production Subcategory</u>									
TSS	0.44 lb/1000 lb	0.22 lb/1000 lb	There shall be no discharge of process waste water pollutants to navigable waters.				There shall be no discharge of process waste water pollutants to navigable waters.		
Total Chromium	0.0088 lb/1000 lb	0.0044 lb/1000 lb							
Hexavalent Chromium	0.0018 lb/1000 lb	0.0009 lb/1000 lb							
pH	6.0 - 9.0								
<u>Subpart R - Sodium Metal Production Subcategory</u>									
TSS	0.46 lb/1000 lb	0.23 lb/1000 lb	There shall be no discharge of process waste water pollutants to navigable waters.				There shall be no discharge of process waste water pollutants to navigable waters.		
pH	6.0 - 9.0								
<u>Subpart S - Sodium Silicate Production Subcategory</u>									
There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.				There shall be no discharge of process waste water pollutants to navigable waters.		
<u>Subpart T - Sodium Sulfite Production Subcategory</u>									
TSS	0.032 lb/1000 lb	.016 lb/1000 lb	There shall be no discharge of process waste water pollutants to navigable waters.				There shall be no discharge of process waste water pollutants to navigable waters.		
COD	3.4 lb/1000 lb	1.7 lb/1000 lb							
pH	6.0 - 9.9								
<u>Subpart U - Sulfuric Acid Production Subcategory</u>									
There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.				There shall be no discharge of process waste water pollutants to navigable waters.		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING (Continued)</u>						
<u>Subpart V - Titanium Dioxide Production Subcategory</u>						
(a)	Limitations for discharge from the production of titanium dioxide by the chloride process:					
TSS	4.4 lb/1000 lb	2.2 lb/1000 lb	2.6 lb/1000 lb	1.3 lb/1000 lb	2.6 lb/1000 lb	1.3 lb/1000 lb
Total Dissolved Iron	0.072 lb/1000	0.036 lb/1000 lb	0.072 lb/1000 lb	0.036 lb/1000 lb	0.072 lb/1000 lb	0.036 lb/1000 lb
Total Dissolved Lead	0.028 lb/1000 lb	0.014 lb/1000 lb	0.028 lb/1000 lb	0.014 lb/1000 lb	0.028 lb/1000 lb	0.014 lb/1000 lb
Total Other Dissolved Metals	0.03 lb/1000 lb	0.015 lb/1000 lb	0.03 lb/1000 lb	0.015 lb/1000 lb	0.03 lb/1000 lb	0.015 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
(b)	Limitations for discharge from the production of titanium dioxide by the sulfate process:					
TSS	5.0 lb/1000 lb	2.5 lb/1000 lb	3.0 lb/1000 lb	1.5 lb/1000 lb	3.0 lb/1000 lb	1.5 lb/1000 lb
Magnesium	2.0 lb/1000 lb	---	2.0 lb/1000 lb	---	2.0 lb/1000 lb	---
Cobalt	0.1 lb/1000 lb	---	0.1 lb/1000 lb	---	0.1 lb/1000 lb	---
Silicon	0.1 lb/1000 lb	---	0.1 lb/1000 lb	---	0.1 lb/1000 lb	---
Chromium	0.1 lb/1000 lb	---	0.1 lb/1000 lb	---	1.0 lb/1000 lb	---
Aluminum	0.1 lb/1000 lb	---	0.1 lb/1000 lb	---	1.0 lb/1000 lb	---
Iron	0.1 lb/1000 lb	---	0.1 lb/1000 lb	---	1.0 lb/1000 lb	---

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 415 - INORGANIC CHEMICALS MANUFACTURING (Continued)</u>									

(b) (continued)

Vanadium	3.2 lb/1000 lb	---	3.2 lb/1000 lb	---	3.2 lb/1000 lb	---
pH	6.0 - 9.0		6.0 - 9.0			

PART 416 - PLASTICS AND SYNTHETICSSubpart A - Polyvinyl Chloride Manufacturing Product Subcategory

(a) Limitations for discharge of the manufacture of polyvinyl chloride by the suspension polymerization process:

BOD	0.44 lb/1000 lb	0.31 lb/1000 lb	0.23 lb/1000 lb	0.11 lb/1000 lb	0.23 lb/1000 lb	0.110 lb/1000 lb
COD	4.4 lb/1000 lb	3.1 lb/1000 lb	1.5 lb/1000 lb	0.75 lb/1000 lb	2.2 lb/1000 lb	1.1 lb/1000 lb
SS	0.88 lb/1000 lb	0.62 lb/1000 lb	0.15 lb/1000 lb	0.075 lb/1000 lb	0.15 lb/1000 lb	0.075 lb/1000 lb

(b) Limitations for discharge from the manufacture of polyvinyl chloride by the emulsion polymerization process:

BOD	0.16 lb/1000 lb	0.11 lb/1000 lb	0.08 lb/1000 lb	0.040 lb/1000 lb	0.075 lb/1000 lb	0.038 lb/1000 lb
COD	1.6 lb/1000 lb	1.1 lb/1000 lb	0.54 lb/1000 lb	0.27 lb/1000 lb	0.76 lb/1000 lb	0.38 lb/1000 lb
SS	0.32 lb/1000 lb	0.22 lb/1000 lb	0.054 lb/1000 lb	0.027 lb/1000 lb	0.050 lb/1000 lb	0.025 lb/1000 lb

(c) Limitations for discharge from the manufacture of polyvinyl chloride by the bulk polymerization process:

BOD	0.076 lb/1000 lb	0.053 lb/1000 lb	0.075 lb/1000 lb	0.038 lb/1000 lb	0.080 lb/1000 lb	0.040 lb/1000 lb
COD	0.76 lb/1000 lb	0.53 lb/1000 lb	0.50 lb/1000 lb	0.25 lb/1000 lb	0.80 lb/1000 lb	0.40 lb/1000 lb
SS	0.15 lb/1000 lb	0.11 lb/1000 lb	0.050 lb/1000 lb	0.025 lb/1000 lb	0.054 lb/1000 lb	0.027 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 416 - PLASTICS AND SYNTHETICS (Continued)</u>						
<u>Subpart B - Acrylonitrile-Butadiene-Styrene (ABS) and Styrene-Acrylonitrile (SAN) Resin Copolymers Subcategory</u>						
BOD	0.98 lb/1000 lb	0.63 lb/1000 lb	0.26 lb/1000 lb	0.13 lb/1000 lb	.26 lb/1000 lb	0.13 lb/1000 lb
COD	9.8 lb/1000 lb	6.3 lb/1000 lb	1.76 lb/1000 lb	0.88 lb/1000 lb	2.6 lb/1000 lb	1.3 lb/1000 lb
SS	1.05 lb/1000 lb	0.73 lb/1000 lb	0.176 lb/1000 lb	0.088 lb/1000 lb	0.176 lb/1000 lb	0.088 lb/1000 lb
Total Chromium	0.0088 lb/1000 lb	0.0044 lb/1000 lb	.0044 lb/1000 lb	.0022 lb/1000 lb	0.0044 lb/1000 lb	0.0022 lb/1000 lb
<u>Subpart C - Polyvinyl Acetate Manufacturing Products Subcategory</u>						
BOD	0.26 lb/1000 lb	0.18 lb/1000 lb	0.13 lb/1000 lb	0.065 lb/1000 lb	0.13 lb/1000 lb	0.065 lb/1000 lb
COD	2.6 lb/1000 lb	1.8 lb/1000 lb	0.84 lb/1000 lb	0.42 lb/1000 lb	1.30 lb/1000 lb	0.65 lb/1000 lb
SS	0.52 lb/1000 lb	0.36 lb/1000 lb	0.084 lb/1000 lb	0.042 lb/1000 lb	0.084 lb/1000 lb	0.042 lb/1000 lb
<u>Subpart D - Polystyrene Manufacturing Product Subcategory</u>						
(a) Limitations for discharge from the manufacture of polystyrene by the suspension polymerization process:						
BOD	0.28 lb/1000 lb	0.20 lb/1000 lb	0.14 lb/1000 lb	0.070 lb/1000 lb	0.14 lb/1000 lb	0.07 lb/1000 lb
COD	2.8 lb/1000 lb	2.0 lb/1000 lb	0.92 lb/1000 lb	0.46 lb/1000 lb	1.4 lb/1000 lb	0.7 lb/1000 lb
SS	0.56 lb/1000 lb	0.39 lb/1000 lb	0.092 lb/1000 lb	0.046 lb/1000 lb	0.092 lb/1000 lb	0.046 lb/1000 lb
Total Chromium	0.0046 lb/1000 lb	0.0023 lb/1000 lb	0.0024 lb/1000 lb	0.0012 lb/1000 lb	0.0024 lb/1000 lb	0.0012 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 416 - PLASTICS AND SYNTHETICS (Continued)

Subpart D - Polystyrene Manufacturing Product Subcategory (Continued)

(b) Limitations for discharge from the manufacture of polystyrene by the bulk polymerization process:

BOD	.050 lb/1000 lb	0.035 lb/1000 lb	0.05 lb/1000 lb	0.025 lb/1000 lb	0.050 lb/1000 lb	0.025 lb/1000 lb
COD	0.50 lb/1000 lb	0.35 lb/1000 lb	0.34 lb/1000 lb	0.17 lb/1000 lb	0.50 lb/1000 lb	0.25 lb/1000 lb
SS	0.10 lb/1000 lb	0.07 lb/1000 lb	0.034 lb/1000 lb	0.017 lb/1000 lb	0.034 lb/1000 lb	0.017 lb/1000 lb

Subpart E - Polypropylene Subcategory

BOD	0.52 lb/1000 lb	0.36 lb/1000 lb	0.26 lb/1000 lb	0.13 lb/1000 lb	0.26 lb/1000 lb	0.13 lb/1000 lb
COD	2.6 lb/1000 lb	1.8 lb/1000 lb	1.76 lb/1000 lb	0.88 lb/1000 lb	1.76 lb/1000 lb	0.88 lb/1000 lb
SS	1.0 lb/1000 lb	0.73 lb/1000 lb	0.18 lb/1000 lb	0.088 lb/1000 lb	0.18 lb/1000 lb	0.088 lb/1000 lb

Subpart F - Polyethylene Manufacturing Product Subcategory

(a) Limitations for discharge from the manufacture of low density polyethylene:

BOD	0.26 lb/1000 lb	0.18 lb/1000 lb	0.13 lb/1000 lb	0.065 lb/1000 lb	0.13 lb/1000 lb	0.065 lb/1000 lb
COD	2.6 lb/1000 lb	1.8 lb/1000 lb	0.84 lb/1000 lb	0.42 lb/1000 lb	1.30 lb/1000 lb	0.65 lb/1000 lb
SS	0.52 lb/1000 lb	0.36 lb/1000 lb	0.084 lb/1000 lb	0.042 lb/1000 lb	0.084 lb/1000 lb	0.042 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 416 - PLASTICS AND SYNTHETICS (Continued)</u>									
<u>Subpart F - Polyethylene Manufacturing Product Subcategory (Continued)</u>									
(b) Limitations for discharge from the manufacture of high density polyethylene by the solvent process:									
BOD	0.38 lb/1000 lb	0.27 lb/1000 lb	0.19 lb/1000 lb	0.095 lb/1000 lb	0.19 lb/1000 lb	0.095 lb/1000 lb			
COD	3.8 lb/1000 lb	2.7 lb/1000 lb	1.26 lb/1000 lb	0.63 lb/1000 lb	1.90 lb/1000 lb	0.95 lb/1000 lb			
SS	0.76 lb/1000 lb	0.53 lb/1000 lb	0.13 lb/1000 lb	0.063 lb/1000 lb	0.13 lb/1000 lb	0.063 lb/1000 lb			
Total Chromium	0.0062 lb/1000 lb	0.0031 lb/1000 lb	0.0032 lb/1000 lb	0.0016 lb/1000 lb	0.0032 lb/1000 lb	0.0016 lb/1000 lb			
(c) Limitations for discharge from the manufacture of high density polyethylene by the polyform process:									
BOD	0.065 lb/1000 lb	0.045 lb/1000 lb	0.065 lb/1000 lb	0.032 lb/1000 lb	0.065 lb/1000 lb	0.032 lb/1000 lb			
COD	0.64 lb/1000 lb	0.45 lb/1000 lb	0.44 lb/1000 lb	0.22 lb/1000 lb	0.64 lb/1000 lb	0.32 lb/1000 lb			
SS	0.12 lb/1000 lb	0.09 lb/1000 lb	0.044 lb/1000 lb	0.022 lb/1000 lb	0.044 lb/1000 lb	0.022 lb/1000 lb			
<u>Subpart G - Cellophane Manufacturing Subcategory</u>									
BOD	13.4 lb/1000 lb	8.6 lb/1000 lb	3.6 lb/1000 lb	1.8 lb/1000 lb	3.6 lb/1000 lb	1.8 lb/1000 lb			
COD	134 lb/1000 lb	86 lb/1000 lb	24 lb/1000 lb	12 lb/1000 lb	36 lb/1000 lb	18 lb/1000 lb			
SS	14.5 lb/1000 lb	10.2 lb/1000 lb	2.4 lb/1000 lb	1.2 lb/1000 lb	2.4 lb/1000 lb	1.2 lb/1000 lb			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 416 - PLASTICS AND SYNTHETICS (Continued)</u>						
<u>Subpart H - Rayon Subcategory</u>						
BOD	7.6 lb/1000 lb	4.9 lb/1000 lb	2.0 lb/1000 lb	1.0 lb/1000 lb	2.0 lb/1000 lb	1.0 lb/1000 lb
COD	113 lb/1000 lb	72.9 lb/1000 lb	13.4 lb/1000 lb	6.7 lb/1000 lb	30 lb/1000 lb	15 lb/1000 lb
SS	8.0 lb/1000 lb	5.6 lb/1000 lb	1.34 lb/1000 lb	0.67 lb/1000 lb	1.34 lb/1000 lb	0.67 lb/1000 lb
Zinc	0.667 lb/1000 lb	0.534 lb/1000 lb	0.133 lb/1000 lb	0.0667 lb/1000 lb	0.133 lb/1000 lb	0.0667 lb/1000 lb
<u>Subpart I - Polyester Manufacturing Product Subcategory</u>						
(a) Limitations for discharge from the manufacture of polyester resin or polyester fiber or polyester resin and fiber by continuous processing:						
BOD	1.06 lb/1000 lb	0.78 lb/1000 lb	0.12 lb/1000 lb	0.060 lb/1000 lb	0.12 lb/1000 lb	0.060 lb/1000 lb
COD	15.9 lb/1000 lb	11.7 lb/1000 lb	0.80 lb/1000 lb	0.40 lb/1000 lb	1.80 lb/1000 lb	0.90 lb/1000 lb
SS	0.48 lb/1000 lb	0.33 lb/1000 lb	0.080 lb/1000 lb	0.040 lb/1000 lb	0.080 lb/1000 lb	0.040 lb/1000 lb
(b) Limitations for discharge from the manufacture of polyester resin and fiber by batch processing:						
BOD	2.12 lb/1000 lb	1.56 lb/1000 lb	0.24 lb/1000 lb	0.12 lb/1000 lb	0.24 lb/1000 lb	0.12 lb/1000 lb
COD	31.8 lb/1000 lb	23.4 lb/1000 lb	1.60 lb/1000 lb	0.80 lb/1000 lb	3.0 lb/1000 lb	1.8 lb/1000 lb
SS	0.96 lb/1000 lb	0.66 lb/1000 lb	0.160 lb/1000 lb	0.080 lb/1000 lb	0.16 lb/1000 lb	0.08 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 416 - PLASTICS AND SYNTHETICS (Continued)</u>									
<u>Subpart J - Nylon 66 Manufacturing Product Subcategory</u>									
<u>(a) Nylon 66 resin:</u>									
BOD	0.90 lb/1000 lb	0.66 lb/1000 lb	0.10 lb/1000 lb	0.050 lb/1000 lb	0.10 lb/1000 lb	0.05 lb/1000 lb			
COD	4.5 lb/1000 lb	3.3 lb/1000 lb	0.66 lb/1000 lb	0.33 lb/1000 lb	0.66 lb/1000 lb	0.33 lb/1000 lb			
SS	0.40 lb/1000 lb	0.28 lb/1000 lb	0.066 lb/1000 lb	0.033 lb/1000 lb	0.066 lb/1000 lb	0.033 lb/1000 lb			
<u>(b) Nylon 66 fiber:</u>									
BOD	0.79 lb/1000 lb	0.58 lb/1000 lb	0.088 lb/1000 lb	0.44 lb/1000 lb	0.088 lb/1000 lb	0.044 lb/1000 lb			
COD	3.94 lb/1000 lb	2.95 lb/1000 lb	0.58 lb/1000 lb	0.29 lb/1000 lb	0.58 lb/1000 lb	0.29 lb/1000 lb			
SS	0.35 lb/1000 lb	0.25 lb/1000 lb	0.058 lb/1000 lb	0.029 lb/1000 lb	0.058 lb/1000 lb	0.029 lb/1000 lb			
<u>(c) Nylon 66 resin and fiber:</u>									
BOD	1.69 lb/1000 lb	1.24 lb/1000 lb	0.188 lb/1000 lb	0.094 lb/1000 lb	0.188 lb/1000 lb	0.094 lb/1000 lb			
COD	8.44 lb/1000 lb	6.25 lb/1000 lb	1.24 lb/1000 lb	0.62 lb/1000 lb	1.24 lb/1000 lb	0.62 lb/1000 lb			
SS	0.75 lb/1000 lb	0.53 lb/1000 lb	0.124 lb/1000 lb	0.062 lb/1000 lb	0.124 lb/1000 lb	0.062 lb/1000 lb			
<u>Subpart K - Nylon 6 Manufacturing Product Subcategory</u>									
<u>(a) Nylon 6 resin:</u>									
BOD	5.06 lb/1000 lb	3.71 lb/1000 lb	0.56 lb/1000 lb	0.28 lb/1000 lb	0.56 lb/1000 lb	0.28 lb/1000 lb			
COD	50.1 lb/1000 lb	37.1 lb/1000 lb	3.8 lb/1000 lb	1.9 lb/1000 lb	5.6 lb/1000 lb	2.8 lb/1000 lb			
SS	2.25 lb/1000 lb	1.58 lb/1000 lb	0.38 lb/1000 lb	0.19 lb/1000 lb	0.38 lb/1000 lb	0.19 lb/1000 lb			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 416 - PLASTICS AND SYNTHETICS (Continued)</u>									
<u>Subpart K - Nylon 6 Manufacturing Product Subcategory (Continued)</u>									
(b) <u>Nylon 6 fiber:</u>									
BOD	2.58 lb/1000 lb	1.90 lb/1000 lb	0.30 lb/1000 lb	0.15 lb/1000 lb	0.30 lb/1000 lb	0.15 lb/1000 lb			
COD	25.8 lb/1000 lb	19.0 lb/1000 lb	2.0 lb/1000 lb	1.0 lb/1000 lb	3.0 lb/1000 lb	1.5 lb/1000 lb			
SS	1.15 lb/1000 lb	0.80 lb/1000 lb	0.20 lb/1000 lb	0.10 lb/1000 lb	0.20 lb/1000 lb	0.10 lb/1000 lb			
(c) <u>Nylon 6 resin and fiber:</u>									
BOD	7.64 lb/1000 lb	5.61 lb/1000 lb	0.86 lb/1000 lb	0.43 lb/1000 lb	0.86 lb/1000 lb	0.43 lb/1000 lb			
COD	76.4 lb/1000 lb	56.1 lb/1000 lb	5.8 lb/1000 lb	2.9 lb/1000 lb	8.6 lb/1000 lb	4.3 lb/1000 lb			
SS	3.40 lb/1000 lb	2.38 lb/1000 lb	0.58 lb/1000 lb	0.29 lb/1000 lb	0.58 lb/1000 lb	0.29 lb/1000 lb			
<u>Subpart L - Cellulose Acetate Manufacturing Product Subcategory</u>									
(a) <u>Cellulose acetate resin and fiber:</u>									
BOD	11.24 lb/1000 lb	8.24 lb/1000 lb	1.28 lb/1000 lb	0.64 lb/1000 lb	1.28 lb/1000 lb	0.64 lb/1000 lb			
COD	1112.4 lb/1000 lb	82.4 lb/1000 lb	8.4 lb/1000 lb	4.2 lb/1000 lb	12.8 lb/1000 lb	6.4 lb/1000 lb			
SS	5.00 lb/1000 lb	3.50 lb/1000 lb	0.84 lb/1000 lb	0.42 lb/1000 lb	0.84 lb/1000 lb	0.42 lb/1000 lb			
(b) <u>Cellulose acetate resin or fiber:</u>									
BOD	5.62 lb/1000 lb	4.12 lb/1000 lb	0.63 lb/1000 lb	0.32 lb/1000 lb	0.63 lb/1000 lb	0.32 lb/1000 lb			
COD	56.2 lb/1000 lb	41.2 lb/1000 lb	4.2 lb/1000 lb	2.1 lb/1000 lb	6.4 lb/1000 lb	3.2 lb/1000 lb			
SS	2.50 lb/1000 lb	1.75 lb/1000 lb	0.42 lb/1000 lb	0.21 lb/1000 lb	0.42 lb/1000 lb	0.21 lb/1000 lb			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 416 - PLASTICS AND SYNTHETICS (Continued)</u>						
<u>Subpart M - Epoxy Resins Manufacturing Product Subcategory</u>						
BOD	0.49 lb/1000 lb	0.36 lb/1000 lb	0.11 lb/1000 lb	0.055 lb/1000 lb	0.11 lb/1000 lb	0.055 lb/1000 lb
COD	2.45 lb/1000 lb	0.0018 lb/1000 lb	0.72 lb/1000 lb	0.36 lb/1000 lb	0.72 lb/1000 lb	0.36 lb/1000 lb
SS	0.22 lb/1000 lb	0.15 lb/1000 lb	0.072 lb/1000 lb	0.036 lb/1000 lb	0.072 lb/1000 lb	0.036 lb/1000 lb
Phenolic Compounds	0.0036 lb/1000 lb	1.80 lb/1000 lb	0.00072 lb/1000 lb	0.00036 lb/1000 lb	0.00072 lb/1000 lb	0.00036 lb/1000 lb
<u>Subpart N - Phenolic Resins Manufacturing Product Subcategory</u>						
BOD	1.66 lb/1000 lb	1.22 lb/1000 lb	0.18 lb/1000 lb	0.090 lb/1000 lb	0.18 lb/1000 lb	0.090 lb/1000 lb
COD	8.30 lb/1000 lb	6.10 lb/1000 lb	1.24 lb/1000 lb	0.62 lb/1000 lb	1.24 lb/1000 lb	0.62 lb/1000 lb
SS	0.74 lb/1000 lb	0.52 lb/1000 lb	0.12 lb/1000 lb	0.062 lb/1000 lb	0.12 lb/1000 lb	0.062 lb/1000 lb
Phenolic Compounds	0.012 lb/1000 lb	0.0062 lb/1000 lb	0.0012 lb/1000 lb	0.00062 lb/1000 lb	0.0012 lb/1000 lb	0.00062 lb/1000 lb
<u>Subpart O - Urea Resins Manufacturing Product Subcategory</u>						
BOD	0.25 lb/1000 lb	0.18 lb/1000 lb	0.055 lb/1000 lb	0.028 lb/1000 lb	0.055 lb/1000 lb	0.028 lb/1000 lb
COD	1.25 lb/1000 lb	0.90 lb/1000 lb	0.36 lb/1000 lb	0.18 lb/1000 lb	0.36 lb/1000 lb	0.18 lb/1000 lb
SS	0.11 lb/1000 lb	0.077 lb/1000 lb	0.036 lb/1000 lb	0.018 lb/1000 lb	0.36 lb/1000 lb	0.018 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 416 - PLASTICS AND SYNTHETICS (Continued)</u>						
<u>Subpart P - Melamine Resins Manufacturing Product Subcategory</u>						
BOD	0.18 lb/1000 lb	0.13 lb/1000 lb	0.040 lb/1000 lb	0.020 lb/1000 lb	0.04 lb/1000 lb	0.02 lb/1000 lb
COD	0.90 lb/1000 lb	0.65 lb/1000 lb	0.026 lb/1000 lb	0.13 lb/1000 lb	0.26 lb/1000 lb	0.13 lb/1000 lb
SS	0.08 lb/1000 lb	0.056 lb/1000 lb	0.26 lb/1000 lb	0.013 lb/1000 lb	0.026 lb/1000 lb	0.013 lb/1000 lb
<u>Subpart Q - Acrylics Manufacturing Product Subcategory</u>						
BOD	3.75 lb/1000 lb	2.75 lb/1000 lb	0.25 lb/1000 lb	0.125 lb/1000 lb	0.25 lb/1000 lb	0.125 lb/1000 lb
COD	18.8 lb/1000 lb	13.8 lb/1000 lb	1.66 lb/1000 lb	0.83 lb/1000 lb	1.66 lb/1000 lb	0.83 lb/1000 lb
SS	1.0 lb/1000 lb	0.70 lb/1000 lb	0.17 lb/1000 lb	0.083 lb/1000 lb	0.17 lb/1000 lb	0.083 lb/1000 lb
Phenolic Compounds	0.017 lb/1000 lb	0.0083 lb/1000 lb	0.0017 lb/1000 lb	0.00083 lb/1000 lb	0.0017 lb/1000 lb	0.00083 lb/1000 lb
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING</u>						
<u>Subpart A - Soap Manufacturing by Batch Kettle Subcategory</u>						
BOD	0.80 lb/1000 lb	0.60 lb/1000 lb	0.50 lb/1000 lb	0.40 lb/1000 lb	0.40 lb/1000 lb	0.20 lb/1000 lb
COD	2.25 lb/1000 lb	1.50 lb/1000 lb	1.25 lb/1000 lb	1.05 lb/1000 lb	1.20 lb/1000 lb	0.60 lb/1000 lb
TSS	0.60 lb/1000 lb	0.40 lb/1000 lb	0.50 lb/1000 lb	0.40 lb/1000 lb	0.04 lb/1000 lb	0.02 lb/1000 lb
Oil and Grease	0.15 lb/1000 lb	0.10 lb/1000 lb	0.07 lb/1000 lb	0.05 lb/1000 lb	0.07 lb/1000 lb	0.05 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING</u>						
<u>Subpart B - Fatty Acid Manufacturing by Fat Splitting Subcategory</u>						
BOD	2.40 lb/1000 lb	1.20 lb/1000 lb	0.50 lb/1000 lb	0.25 lb/1000 lb	0.50 lb/1000 lb	0.25 lb/1000 lb
COD	6.60 lb/1000 lb	3.30 lb/1000 lb	1.80 lb/1000 lb	0.90 lb/1000 lb	1.80 lb/1000 lb	0.90 lb/1000 lb
TSS	4.40 lb/1000 lb	2.20 lb/1000 lb	0.40 lb/1000 lb	0.20 lb/1000 lb	0.40 lb/1000 lb	0.20 lb/1000 lb
Oil and Grease	0.60 lb/1000 lb	0.30 lb/1000 lb	0.30 lb/1000 lb	0.15 lb/1000 lb	0.30 lb/1000 lb	0.15 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
(a) <u>If refined fatty acids are hydrogenated the following additional allowances shall apply:</u>						
BOD	0.20 lb/1000 lb	0.15 lb/1000 lb	0.15 lb/1000 lb	0.15 lb/1000 lb	0.15 lb/1000 lb	0.15 lb/1000 lb
COD	0.35 lb/1000 lb	0.25 lb/1000 lb	0.25 lb/1000 lb	0.25 lb/1000 lb	0.25 lb/1000 lb	0.25 lb/1000 lb
TSS	0.15 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb
Oil and Grease	0.15 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb	0.10 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart C - Soap Manufacturing by Fatty Acid Neutralization Subcategory</u>						
BOD	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
COD	0.10 lb/1000 lb	0.05 lb/1000 lb	0.10 lb/1000 lb	0.05 lb/1000 lb	0.10 lb/1000 lb	0.05 lb/1000 lb
TSS	0.04 lb/1000 lb	0.02 lb/1000 lb	0.04 lb/1000 lb	0.02 lb/1000 lb	0.04 lb/1000 lb	0.02 lb/1000 lb
Oil and Grease	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>						
<u>Subpart D - Glycerine Concentration Subcategory</u>						
BOD	2.25 lb/1000 lb	1.50 lb/1000 lb	0.50 lb/1000 lb	0.40 lb/1000 lb	0.50 lb/1000 lb	0.40 lb/1000 lb
COD	6.50 lb/1000 lb	4.50 lb/1000 lb	1.50 lb/1000 lb	1.20 lb/1000 lb	1.50 lb/1000 lb	1.20 lb/1000 lb
TSS	0.30 lb/1000 lb	0.20 lb/1000 lb	0.12 lb/1000 lb	0.10 lb/1000 lb	0.12 lb/1000 lb	0.10 lb/1000 lb
Oil and Grease	0.15 lb/1000 lb	0.10 lb/1000 lb	0.05 lb/1000 lb	0.04 lb/1000 lb	0.05 lb/1000 lb	0.04 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart E - Glycerine Distillation Subcategory</u>						
BOD	0.75 lb/1000 lb	0.50 lb/1000 lb	0.40 lb/1000 lb	0.30 lb/1000 lb	0.40 lb/1000 lb	0.30 lb/1000 lb
COD	2.25 lb/1000 lb	1.50 lb/1000 lb	1.20 lb/1000 lb	0.90 lb/1000 lb	1.20 lb/1000 lb	0.90 lb/1000 lb
TSS	0.30 lb/1000 lb	0.20 lb/1000 lb	0.05 lb/1000 lb	0.04 lb/1000 lb	0.05 lb/1000 lb	0.04 lb/1000 lb
Oil and Grease	0.15 lb/1000 lb	0.10 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart F - Manufacture of Soap Flakes and Powders Subcategory</u>						
BOD	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
COD	0.10 lb/1000 lb	0.05 lb/1000 lb	0.07 lb/1000 lb	0.05 lb/1000 lb	0.07 lb/1000 lb	0.05 lb/1000 lb
TSS	0.02 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb
Oil and Grease	0.02 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>						
<u>Subpart G - Manufacture of Bar Soaps Subcategory</u>						
BOD5	0.50 lb/1000 lb	0.34 lb/1000 lb	0.25 lb/1000 lb	0.20 lb/1000 lb	0.25 lb/1000 lb	0.20 lb/1000 lb
COD	1.25 lb/1000 lb	0.85 lb/1000 lb	0.75 lb/1000 lb	0.60 lb/1000 lb	0.75 lb/1000 lb	0.60 lb/1000 lb
TSS	0.85 lb/1000 lb	0.58 lb/1000 lb	0.40 lb/1000 lb	0.34 lb/1000 lb	0.40 lb/1000 lb	0.34 lb/1000 lb
Oil and Grease	0.06 lb/1000 lb	0.04 lb/1000 lb	0.04 lb/1000 lb	0.03 lb/1000 lb	0.04 lb/1000 lb	0.03 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart H - Manufacture of Liquid Soaps Subcategory</u>						
BOD5	0.03 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
COD	0.15 lb/1000 lb	0.05 lb/1000 lb	0.07 lb/1000 lb	0.05 lb/1000 lb	0.07 lb/1000 lb	0.05 lb/1000 lb
TSS	0.03 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb
Oil and Grease	0.03 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart I - Oleum Sulfonation and Sulfation Subcategory</u>						
BOD5	0.09 lb/1000 lb	0.02 lb/1000 lb	0.07 lb/1000 lb	0.02 lb/1000 lb	0.03 lb/1000 lb	0.01 lb/1000 lb
COD	0.40 lb/1000 lb	0.09 lb/1000 lb	0.27 lb/1000 lb	0.09 lb/1000 lb	0.09 lb/1000 lb	0.03 lb/1000 lb
TSS	0.15 lb/1000 lb	0.03 lb/1000 lb	0.09 lb/1000 lb	0.03 lb/1000 lb	0.06 lb/1000 lb	0.02 lb/1000 lb
Surfactants	0.15 lb/1000 lb	0.03 lb/1000 lb	0.09 lb/1000 lb	0.03 lb/1000 lb	0.03 lb/1000 lb	0.01 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>									
<u>Subpart I - Oleum Sulfonation and Sulfation Subcategory (Continued)</u>									
Oil and Grease	0.25 lb/1000 lb		0.07 lb/1000 lb	0.21 lb/1000 lb		0.07 lb/1000 lb	0.12 lb/1000 lb		0.04 lb/1000 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart J - Air SO3 Sulfation and Sulfonation Subcategory</u>									
BOD5	0.90 lb/1000 lb		0.30 lb/1000 lb	0.45 lb/1000 lb		0.19 lb/1000 lb	0.18 lb/1000 lb		0.09 lb/1000 lb
COD	3.60 lb/1000 lb		1.35 lb/1000 lb	1.10 lb/1000 lb		0.55 lb/1000 lb	0.80 lb/1000 lb		0.40 lb/1000 lb
TSS	0.09 lb/1000 lb		0.03 lb/1000 lb	0.05 lb/1000 lb		0.02 lb/1000 lb	0.05 lb/1000 lb		0.02 lb/1000 lb
Surfactants	0.90 lb/1000 lb		0.30 lb/1000 lb	0.36 lb/1000 lb		0.18 lb/1000 lb	0.18 lb/1000 lb		0.09 lb/1000 lb
Oil and Grease	0.15 lb/1000 lb		0.05 lb/1000 lb	0.08 lb/1000 lb		0.04 lb/1000 lb	0.04 lb/1000 lb		0.02 lb/1000 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart K - SO3 Solvent and Vacuum Sulfonation Subcategory</u>									
BOD5	0.45 lb/1000 lb		0.30 lb/1000 lb	0.25 lb/1000 lb		0.10 lb/1000 lb	0.20 lb/1000 lb		0.10 lb/1000 lb
COD	1.90 lb/1000 lb		1.35 lb/1000 lb	0.90 lb/1000 lb		0.45 lb/1000 lb	0.80 lb/1000 lb		0.45 lb/1000 lb
TSS	0.05 lb/1000 lb		0.03 lb/1000 lb	0.02 lb/1000 lb		0.01 lb/1000 lb	0.02 lb/1000 lb		0.01 lb/1000 lb
Surfactants	0.45 lb/1000 lb		0.30 lb/1000 lb	0.02 lb/1000 lb		0.10 lb/1000 lb	0.20 lb/1000 lb		0.10 lb/1000 lb
Oil and Grease	0.08 lb/1000 lb		0.05 lb/1000 lb	0.04 lb/1000 lb		0.02 lb/1000 lb	0.04 lb/1000 lb		0.02 lb/1000 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>									
<u>Subpart L - Sulfamic Acid Sulfation Subcategory</u>									
BOD5	0.45 lb/1000 lb	0.30 lb/1000 lb	0.25 lb/1000 lb	0.10 lb/1000 lb	0.20 lb/1000 lb	0.10 lb/1000 lb			
COD	1.90 lb/1000 lb	1.35 lb/1000 lb	0.90 lb/1000 lb	0.45 lb/1000 lb	0.80 lb/1000 lb	0.45 lb/1000 lb			
TSS	0.05 lb/1000 lb	0.03 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb			
Surfactants	0.45 lb/1000 lb	0.30 lb/1000 lb	0.20 lb/1000 lb	0.10 lb/1000 lb	0.20 lb/1000 lb	0.10 lb/1000 lb			
Oil and Grease	0.08 lb/1000 lb	0.05 lb/1000 lb	0.04 lb/1000 lb	0.02 lb/1000 lb	0.04 lb/1000 lb	0.02 lb/1000 lb			
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart M - Chlorosulfonic Acid Sulfation Subcategory</u>									
BOD5	0.45 lb/1000 lb	0.30 lb/1000 lb	0.35 lb/1000 lb	0.15 lb/1000 lb	0.30 lb/1000 lb	0.15 lb/1000 lb			
COD	1.90 lb/1000 lb	1.35 lb/1000 lb	1.50 lb/1000 lb	0.75 lb/1000 lb	1.25 lb/1000 lb	0.75 lb/1000 lb			
TSS	0.05 lb/1000 lb	0.03 lb/1000 lb	0.04 lb/1000 lb	0.02 lb/1000 lb	0.03 lb/1000 lb	0.02 lb/1000 lb			
Surfactants	0.45 lb/1000 lb	0.30 lb/1000 lb	0.30 lb/1000 lb	0.15 lb/1000 lb	0.25 lb/1000 lb	0.15 lb/1000 lb			
Oil and Grease	0.08 lb/1000 lb	0.05 lb/1000 lb	0.06 lb/1000 lb	0.03 lb/1000 lb	0.06 lb/1000 lb	0.03 lb/1000 lb			
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart N - Neutralization of Sulfuric Acid Esters and Sulfonic Acids Subcategory</u>									
BOD 5	0.02 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb			
COD	0.08 lb/1000 lb	0.05 lb/1000 lb	0.05 lb/1000 lb	0.05 lb/1000 lb	0.04 lb/1000 lb	0.04 lb/1000 lb			
TSS	0.05 lb/1000 lb	0.03 lb/1000 lb	0.04 lb/1000 lb	0.03 lb/1000 lb	0.04 lb/1000 lb	0.03 lb/1000 lb			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>									
<u>Subpart N - Neutralization of Sulfuric Acid Esters and Sulfonic Acids Subcategory (Continued)</u>									
Surfactants	0.03 lb/1000 lb		0.02 lb/1000 lb	0.03 lb/1000 lb		0.02 lb/1000 lb	0.03 lb/1000 lb		0.02 lb/1000 lb
Oil and Grease	0.02 lb/1000 lb		0.01 lb/1000 lb	0.01 lb/1000 lb		0.01 lb/1000 lb	0.01 lb/1000 lb		0.01 lb/1000 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart O - Manufacture of Spray Dried Detergents Subcategory</u>									
<u>(a) For normal operation of spray drying towers:</u>									
BOD5	0.02 lb/1000 lb		0.01 lb/1000 lb	0.02 lb/1000 lb		0.01 lb/1000 lb	0.02 lb/1000 lb		0.01 lb/1000 lb
COD	0.08 lb/1000 lb		0.05 lb/1000 lb	0.04 lb/1000 lb		0.04 lb/1000 lb	0.04 lb/1000 lb		0.04 lb/1000 lb
TSS	0.02 lb/1000 lb		0.01 lb/1000 lb	0.02 lb/1000 lb		0.02 lb/1000 lb	0.02 lb/1000 lb		0.02 lb/1000 lb
Surfactants	0.03 lb/1000 lb		0.02 lb/1000 lb	0.03 lb/1000 lb		0.02 lb/1000 lb	0.03 lb/1000 lb		0.02 lb/1000 lb
Oil and Grease	0.01 lb/1000 lb		0.005 lb/1000 lb	0.01 lb/1000 lb		0.005 lb/1000 lb	0.01 lb/1000 lb		0.005 lb/1000 lb
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>(b) For air quality restricted operations of a spray drying tower:</u>									
BOD5	0.12 lb/1000 lb		0.08 lb/1000 lb	0.08 lb/1000 lb		0.06 lb/1000 lb	0.08 lb/1000 lb		0.06 lb/1000 lb
COD	0.50 lb/1000 lb		0.35 lb/1000 lb	0.35 lb/1000 lb		0.25 lb/1000 lb	0.35 lb/1000 lb		0.25 lb/1000 lb
TSS	0.15 lb/1000 lb		0.10 lb/1000 lb	0.10 lb/1000 lb		0.07 lb/1000 lb	0.10 lb/1000 lb		0.07 lb/1000 lb
Surfactants	0.25 lb/1000 lb		0.15 lb/1000 lb	0.15 lb/1000 lb		0.10 lb/1000 lb	0.15 lb/1000 lb		0.10 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>									

(b) For air quality restricted operations of a spray drying tower: (continued)

Oil and Grease	0.05 lb/1000 lb	0.03 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

(c) For fast turnaround operation of a spray tower, the following discharges shall be allowed in addition to (a) or (b):

BOD5	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb
COD	0.09 lb/1000 lb	0.09 lb/1000 lb	0.07 lb/1000 lb	0.07 lb/1000 lb	0.07 lb/1000 lb	0.07 lb/1000 lb
TSS	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb
Surfactants	0.03 lb/1000 lb	0.03 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb	0.02 lb/1000 lb
Oil and Grease	0.01 lb/1000 lb	0.005 lb/1000 lb	0.012 lb/1000 lb	0.005 lb/1000 lb	0.005 lb/1000 lb	0.005 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

Subpart P - Manufacture of Liquid Detergents Subcategory

BOD5	0.30 lb/1000 lb	0.20 lb/1000 lb	0.12 lb/1000 lb	0.05 lb/1000 lb	0.10 lb/1000 lb	0.05 lb/1000 lb
COD	0.90 lb/1000 lb	0.60 lb/1000 lb	0.45 lb/1000 lb	0.22 lb/1000 lb	0.40 lb/1000 lb	0.22 lb/1000 lb
TSS	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb
Surfactants	0.25 lb/1000 lb	0.13 lb/1000 lb	0.10 lb/1000 lb	0.05 lb/1000 lb	0.09 lb/1000 lb	0.05 lb/1000 lb
Oil and Grease	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>						
<u>Subpart Q - Manufacture of Detergents by Dry Blending Subcategory</u>						
BOD5	0.02 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb
COD	0.10 lb/1000 lb	0.07 lb/1000 lb	0.08 lb/1000 lb	0.07 lb/1000 lb	0.08 lb/1000 lb	0.07 lb/1000 lb
TSS	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
Surfactants	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
Oil and Grease	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart R - Manufacture of Drum Dried Detergents Subcategory</u>						
BOD5	0.02 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb
COD	0.08 lb/1000 lb	0.05 lb/1000 lb	0.06 lb/1000 lb	0.05 lb/1000 lb	0.06 lb/1000 lb	0.05 lb/1000 lb
TSS	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
Surfactants	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb	0.02 lb/1000 lb	0.01 lb/1000 lb
Oil and Grease	0.02 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb	0.01 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart S - Manufacture of Detergent Bars and Cakes Subcategory</u>						
BOD 5	1.10 lb/1000 lb	0.70 lb/1000 lb	0.40 lb/1000 lb	0.30 lb/1000 lb	0.40 lb/1000 lb	0.30 lb/1000 lb
COD	4.50 lb/1000 lb	3.3 lb/1000 lb	1.55 lb/1000 lb	1.35 lb/1000 lb	1.40 lb/1000 lb	1.35 lb/1000 lb
TSS	0.30 lb/1000 lb	0.20 lb/1000 lb	0.15 lb/1000 lb	0.10 lb/1000 lb	0.15 lb/1000 lb	0.10 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 417 - SOAP AND DETERGENT MANUFACTURING (Continued)</u>									
<u>Subpart S - Manufacture of Detergent Bars and Cakes Subcategory (Continued)</u>									
Surfactants	0.75 lb/1000 lb	0.50 lb/1000 lb	0.30 lb/1000 lb	0.20 lb/1000 lb	0.30 lb/1000 lb	0.20 lb/1000 lb			
Oil&Grease	0.04 lb/1000 lb	0.02 lb/1000 lb	0.03 lb/1000 lb	0.02 lb/1000 lb	0.03 lb/1000 lb	0.02 lb/1000 lb			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>10 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>10 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>10 Day</u>
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PART 418 - FERTILIZER MANUFACTURING

Subpart A - Phosphate Subcategory

- BPT: (a) Subject to the provisions of paragraphs (b), (c), and (d) of this section, there shall be no discharge of process waste water pollutants into navigable waters.
- (b) A process waste water impoundment which is designed, constructed and operated so as to contain the precipitation from the 10 year, 24 hour rainfall event as established by the National Climatic Center, National Oceanic and Atmospheric Administration for the area in which such impoundment is located may discharge that volume of process waste water which is equivalent to the volume of precipitation that falls within the impoundment in excess of that attributable to the 10 year, 24 hour rainfall event, when such event occurs.
- (c) During any calendar month there may be discharged from a process waste water impoundment either a volume of process waste water equal to the difference between the precipitation for that month that falls within the impoundment and the evaporation for that month, or, if greater, a volume of process waste water equal to the difference between the mean precipitation for that month that falls within the impoundment and the mean evaporation for that month as established by the National Climatic Center, National Oceanic and Atmospheric Administration for the area in which such impoundment is located (or as otherwise determined if no monthly data have been established by the National Climatic Center).

- (d) Any process waste water discharged pursuant to paragraph (c) of this section shall comply with each of the following requirements:

Total		
Phosphorous	20 mg/l	10 mg/l
Fluoride	30 mg/l	15 mg/l
Ammonia		
Nitrogen	10 mg/l	5 mg/l
TSS	30 mg/l	10 mg/l
pH	6.0 - 9.0	

- BAT: (a) Subject to the provisions of paragraph (b) of this section, there shall be no discharge of process waste water pollutants into navigable waters.
- (b) A process waste water impoundment which is designed, constructed, and operated so as to contain the precipitation from the 25 year, 24 hour rainfall event as established by the National Climatic Center, National Oceanic and Atmospheric Administration for the area in which such impoundment is located may discharge that volume of process waste water which is equivalent to the volume of precipitation that falls within the impoundment in excess of that attributable to the 25 year, 24 hour rainfall event, when such event occurs.

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 418 - FERTILIZER MANUFACTURING (Continued)

Subpart A - Phosphate Subcategory (Continued)

New

Sources: (a) Subject to the provisions of paragraph (b) of this section, there shall be no discharge of process waste water pollutants into navigable waters.

- (b) A process waste water impoundment which is designed, constructed, and operated so as to contain the precipitation from the 25 year, 24 hour rainfall event as established by the National Climatic Center, National Oceanic and Atmospheric Administration for the area in which such impoundment is located may discharge that volume of process waste water which is equivalent to the volume of precipitation that falls within the impoundment in excess of that attributable to the 25 year, 24 hour rainfall event, when such event occurs.

Subpart B - Ammonia Subcategory

Ammonia Nitrogen	0.125 lb/1000 lb	0.0625 lb/1000 lb	0.05 lb/1000 lb	0.025 lb/1000 lb	0.11 lb/1000 lb	0.055 lb/1000 lb
Oil&Grease	0.025 lb/1000 lb	0.0125 lb/1000 lb	0.025 lb/1000 lb	0.0125 lb/1000 lb	0.025 lb/1000 lb	0.0125 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

Subpart C - Urea Subcategory

- (a) The following limitations constitute the maximum permissible discharge on the basis of production for urea manufacturing operations in which urea is not prilled:

Ammonia Nitrogen	0.075 lb/1000 lb	0.0375 lb/1000 lb	0.03 lb/1000 lb	0.015 lb/1000 lb	0.065 lb/1000 lb	0.0325 lb/1000 lb
Organic Nitrogen	0.125 lb/1000 lb	0.0625 lb/1000 lb	0.05 lb/1000 lb	0.025 lb/1000 lb	0.075 lb/1000 lb	0.0375 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

- (b) The following limitations constitute the maximum permissible discharge on the basis of production for urea manufacturing operations in which urea is prilled:

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 418 - FERTILIZER MANUFACTURING (Continued)</u>									
<u>Subpart C - Urea Subcategory (Continued)</u>									
Ammonia Nitrogen	0.1 lb/1000 lb	0.05 lb/1000 lb		0.03 lb/1000 lb	0.015 lb/1000 lb		0.065 lb/1000 lb	0.0325 lb/1000 lb	
Organic Nitrogen	0.25 lb/1000 lb	0.125 lb/1000 lb		0.075 lb/1000 lb	0.0375 lb/1000 lb		0.125 lb/1000 lb	0.0625 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart D - Ammonium Nitrate Subcategory</u>									
Ammonia Nitrogen	0.1 lb/1000 lb	0.05 lb/1000 lb		0.015 lb/1000 lb	0.0075 lb/1000 lb		0.1 lb/1000 lb	0.05 lb/1000 lb	
Nitrate Nitrogen	0.125 lb/1000 lb	0.0625 lb/1000 lb		0.025 lb/1000 lb	0.0125 lb/1000 lb		0.05 lb/1000 lb	0.025 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart E - Nitric Acid Subcategory</u>									
	There shall be no discharge of process waste water pollutants into navigable waters.			There shall be no discharge of process waste water pollutants into navigable waters.			There shall be no discharge of process waste water pollutants into navigable waters.		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 419 - PETROLEUM REFINING</u>									
<u>Subpart A - Topping Subcategory</u>									
BOD ₅	3.2 lb/Mbb1 of feed	2.6 lb/Mbb1 of feed	0.61 lb/Mbb1 of feed	0.50 lb/Mbb1 of feed	1.85 lb/Mbb1 of feed	1.5 lb/Mbb1 of feed			
COD	11.2 lb/Mbb1 of feed	10.0 lb/Mbb1 of feed	1.6 lb/Mbb1 of feed	1.3 lb/Mbb1 of feed	6.6 lb/Mbb1 of feed	5.3 lb/Mbb1 of feed			
TOC	2.7 lb/Mbb1 of feed	2.2 lb/Mbb1 of feed	1.4 lb/Mbb1 of feed	1.1 lb/Mbb1 of feed	1.6 lb/Mbb1 of feed	1.3 lb/Mbb1 of feed			
TSS	2.0 lb/Mbb1 of feed	1.6 lb/Mbb1 of feed	0.58 lb/Mbb1 of feed	0.46 lb/Mbb1 of feed	1.2 lb/Mbb1 of feed	0.93 lb/Mbb1 of feed			
Oil&Grease	1.0 lb/Mbb1 of feed	0.8 lb/Mbb1 of feed	0.12 lb/Mbb1 of feed	0.10 lb/Mbb1 of feed	0.58 lb/Mbb1 of feed	0.46 lb/Mbb1 of feed			
Phenols	0.025 lb/Mbb1 of feed	0.017 lb/Mbb1 of feed	0.0026 lb/Mbb1 of feed	0.0018 lb/Mbb1 of feed	0.014 lb/Mbb1 of feed	0.0099 lb/Mbb1 of feed			
NH ₃	0.70 lb/Mbb1 of feed	0.53 lb/Mbb1 of feed	0.16 lb/Mbb1 of feed	0.12 lb/Mbb1 of feed	0.40 lb/Mbb1 of feed	0.30 lb/Mbb1 of feed			
Sulfide	0.022 lb/Mbb1 of feed	0.014 lb/Mbb1 of feed	0.013 lb/Mbb1 of feed	0.0084 lb/Mbb1 of feed	0.013 lb/Mbb1 of feed	0.0081 lb/Mbb1 of feed			
CrT	0.050 lb/Mbb1 of feed	0.040 lb/Mbb1 of feed	0.030 lb/Mbb1 of feed	0.023 lb/Mbb1 of feed	0.030 lb/Mbb1 of feed	0.023 lb/Mbb1 of feed			
Cr6	0.0010 lb/Mbb1 of feed	0.00080 lb/Mbb1 of feed	0.00058 lb/Mbb1 of feed	0.00046 lb/Mbb1 of feed	0.00058 lb/Mbb1 of feed	0.00046 lb/Mbb1 of feed			
Zinc	0.10 lb/Mbb1 of feed	0.080 lb/Mbb1 of feed	0.058 lb/Mbb1 of feed	0.046 lb/Mbb1 of feed	0.058 lb/Mbb1 of feed	0.046 lb/Mbb1 of feed			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				

The following are allocations, over and above those listed above to apply where appropriate.

(1) Runoff:

BOD ₅	0.26 lb/Mgal of flow	0.21 lb/Mgal of flow	0.088 lb/Mgal of flow	0.071 lb/Mgal of flow	0.26 lb/Mgal of flow	0.21 lb/Mgal of flow
COD	2.0 lb/Mgal of flow	1.6 lb/Mgal of flow	0.23 lb/Mgal of flow	0.19 lb/Mgal of flow	0.94 lb/Mgal of flow	0.76 lb/Mgal of flow
TOC	0.36 lb/Mgal of flow	0.29 lb/Mgal of flow	0.20 lb/Mgal of flow	0.016 lb/Mgal of flow	0.23 lb/Mgal of flow	0.19 lb/Mgal of flow

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 419 - PETROLEUM REFINING (Continued)</u>									
<u>Subpart A - Topping Subcategory</u>									
<u>(1) Runoff (Continued):</u>									
TSS	0.17 lb/Mgal of flow	0.13 lb/Mgal of flow	0.083 lb/Mgal of flow	0.066 lb/Mgal of flow	0.17 lb/Mgal of flow	0.13 lb/Mgal of flow			
Oil&Grease	0.084 lb/Mgal of flow	0.067 lb/Mgal of flow	0.017 lb/Mgal of flow	0.014 lb/Mgal of flow	0.083 lb/Mgal of flow	0.066 lb/Mgal of flow			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				
<u>(2) Ballast:</u>									
BOD5	0.26 lb/Mgal of flow	0.21 lb/Mgal of flow	0.088 lb/Mgal of flow	0.071 lb/Mgal of flow	0.26 lb/Mgal of flow	0.21 lb/Mgal of flow			
COD	2.5 lb/Mgal of flow	2.0 lb/Mgal of flow	0.29 lb/Mgal of flow	0.23 lb/Mgal of flow	1.2 lb/Mgal of flow	0.95 lb/Mgal of flow			
TOC	0.36 lb/Mgal of flow	0.29 lb/Mgal of flow	0.20 lb/Mgal of flow	0.16 lb/Mgal of flow	0.23 lb/Mgal of flow	0.19 lb/Mgal of flow			
TSS	0.17 lb/Mgal of flow	0.13 lb/Mgal of flow	0.083 lb/Mgal of flow	0.066 lb/Mgal of flow	0.17 lb/Mgal of flow	0.13 lb/Mgal of flow			
Oil&Grease	0.084 lb/Mgal of flow	0.067 lb/Mgal of flow	0.017 lb/Mgal of flow	0.014 lb/Mgal of flow	0.083 lb/Mgal of flow	0.066 lb/Mgal of flow			
pH	6.0 - 9.0		---						
<u>Subpart B - Low Cracking Subcategory</u>									
BOD5	4.4 lb/Mbb1 of feed	3.6 lb/Mbb1 of feed	0.97 lb/Mbb1 of feed	0.78 lb/Mbb1 of feed	2.9 lb/Mbb1 of feed	2.4 lb/Mbb1 of feed			
COD	27.6 lb/Mbb1 of feed	22.1 lb/Mbb1 of feed	5.6 lb/Mbb1 of feed	4.5 lb/Mbb1 of feed	17.8 lb/Mbb1 of feed	14.2 lb/Mbb1 of feed			
TOC	6.1 lb/Mbb1 of feed	4.9 lb/Mbb1 of feed	2.2 lb/Mbb1 of feed	1.8 lb/Mbb1 of feed	4.0 lb/Mbb1 of feed	3.3 lb/Mbb1 of feed			
TSS	2.8 lb/Mbb1 of feed	2.2 lb/Mbb1 of feed	0.92 lb/Mbb1 of feed	0.74 lb/Mbb1 of feed	1.8 lb/Mbb1 of feed	1.5 lb/Mbb1 of feed			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 419 - PETROLEUM REFINING (Continued)</u>									
<u>Subpart B - Low Cracking Subcategory (Continued)</u>									
Oil&Grease	1.4 lb/Mbb1 of feed	1.1 lb/Mbb1 of feed	0.18 lb/Mbb1 of feed	0.14 lb/Mbb1 of feed	0.92 lb/Mbb1 of feed	0.74 lb/Mbb1 feed			
Phenols	0.034 lb/Mbb1 of feed	0.024 lb/Mbb1 of feed	0.0043 lb/Mbb1 of feed	0.0030 lb/Mbb1 of feed	0.022 lb/Mbb1 of feed	0.016 lb/Mbb1 feed			
NH3	1.4 lb/Mbb1 of feed	1.1 lb/Mbb1 of feed	0.36 lb/Mbb1 of feed	0.27 lb/Mbb1 of feed	0.90 lb/Mbb1 of feed	0.68 lb/Mbb1 feed			
Sulfide	0.031 lb/Mbb1 of feed	0.020 lb/Mbb1 of feed	0.020 lb/Mbb1 of feed	0.013 lb/Mbb1 of feed	0.020 lb/Mbb1 of feed	0.013 lb/Mbb1 feed			
CrT	0.070 lb/Mbb1 of feed	0.056 lb/Mbb1 of feed	0.046 lb/Mbb1 of feed	0.037 lb/Mbb1 of feed	0.046 lb/Mbb1 of feed	0.037 lb/Mbb1 feed			
Cr6	0.0014 lb/Mbb1 of feed	0.0011 lb/Mbb1 of feed	0.00090 lb/Mbb1 of feed	0.00072 lb/Mbb1 of feed	0.00090 lb/Mbb1 of feed	0.00072 lb/Mbb1 feed			
Zinc	0.14 lb/Mbb1 of feed	0.11 lb/Mbb1 of feed	0.090 lb/Mbb1 of feed	0.072 lb/Mbb1 of feed	0.090 lb/Mbb1 of feed	0.072 lb/Mbb1 feed			
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

Allocations for the waste water pollutants resulting from storm water runoff and ballast water are numerically the same as for Subpart A (1) & (2)

<u>Subpart C - High Cracking Subcategory</u>									
BOD5	5.9 lb/Mbb1 of feed	4.4 lb/Mbb1 of feed	1.2 lb/Mbb1 of feed	0.99 lb/Mbb1 of feed	3.8 lb/Mbb1 of feed	3.1 lb/Mbb1 of feed			
COD	48.0 lb/Mbb1 of feed	38.4 lb/Mbb1 of feed	9.0 lb/Mbb1 of feed	7.2 lb/Mbb1 of feed	32.0 lb/Mbb1 of feed	25.6 lb/Mbb1 of feed			
TOC	8.0 lb/Mbb1 of feed	6.5 lb/Mbb1 of feed	2.9 lb/Mbb1 of feed	2.3 lb/Mbb1 of feed	5.1 lb/Mbb1 of feed	4.2 lb/Mbb1 of feed			
TSS	3.6 lb/Mbb1 of feed	2.9 lb/Mbb1 of feed	1.2 lb/Mbb1 of feed	0.93 lb/Mbb1 of feed	2.4 lb/Mbb1 of feed	1.9 lb/Mbb1 of feed			
Oil&Grease	1.8 lb/Mbb1 of feed	1.4 lb/Mbb1 of feed	0.24 lb/Mbb1 of feed	0.19 lb/Mbb1 of feed	1.2 lb/Mbb1 of feed	0.93 lb/Mbb1 of feed			
Phenols	0.044 lb/Mbb1 of feed	0.031 lb/Mbb1 of feed	0.0055 lb/Mbb1 of feed	0.0039 lb/Mbb1 of feed	0.029 lb/Mbb1 of feed	0.020 lb/Mbb1 of feed			
NH3	3.2 lb/Mbb1 of feed	2.4 lb/Mbb1 of feed	0.58 lb/Mbb1 of feed	0.46 lb/Mbb1 of feed	2.2 lb/Mbb1 of feed	1.7 lb/Mbb1 of feed			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 419 - PETROLEUM REFINING (Continued)</u>									
<u>Subpart C - High Cracking Subcategory (Continued)</u>									
Sulfide	0.040 lb/Mbb1 of feed	0.025 lb/Mbb1 of feed	0.026 lb/Mbb1 of feed	0.017 lb/Mbb1 of feed	0.026 lb/Mbb1 of feed	0.017 lb/Mbb1 of feed			
CrT	0.088 lb/Mbb1 of feed	0.070 lb/Mbb1 of feed	0.058 lb/Mbb1 of feed	0.046 lb/Mbb1 of feed	0.058 lb/Mbb1 of feed	0.046 lb/Mbb1 of feed			
Cr6	0.0018 lb/Mbb1 of feed	0.0014 lb/Mbb1 of feed	0.0012 lb/Mbb1 of feed	0.00092 lb/Mbb1 of feed	0.0012 lb/Mbb1 of feed	0.00092 lb/Mbb1 of feed			
Zinc	0.18 lb/Mbb1 of feed	0.14 lb/Mbb1 of feed	0.12 lb/Mbb1 of feed	0.092 lb/Mbb1 of feed	0.12 lb/Mbb1 of feed	0.092 lb/Mbb1 of feed			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0				

Allocations for the waste water pollutants resulting from storm water runoff and ballast water are numerically the same as for Subpart A (1) & (2)

Subpart D - Petrochemical Subcategory

COD	42.0 lb/Mbb1 of feed	33.6 lb/Mbb1 of feed	5.0 lb/Mbb1 of feed	4.0 lb/Mbb1 of feed	25.2 lb/Mbb1 of feed	20.2 lb/Mbb1 of feed
TOC	9.1 lb/Mbb1 of feed	7.4 lb/Mbb1 of feed	3.0 lb/Mbb1 of feed	2.5 lb/Mbb1 of feed	5.4 lb/Mbb1 of feed	4.4 lb/Mbb1 of feed
TSS	4.2 lb/Mbb1 of feed	3.4 lb/Mbb1 of feed	1.3 lb/Mbb1 of feed	1.0 lb/Mbb1 of feed	2.6 lb/Mbb1 of feed	2.1 lb/Mbb1 of feed
Oil&Grease	2.2 lb/Mbb1 of feed	1.8 lb/Mbb1 of feed	0.26 lb/Mbb1 of feed	0.21 lb/Mbb1 of feed	1.3 lb/Mbb1 of feed	1.0 lb/Mbb1 of feed
Phenols	0.055 lb/Mbb1 of feed	0.039 lb/Mbb1 of feed	0.0060 lb/Mbb1 of feed	0.0042 lb/Mbb1 of feed	0.030 lb/Mbb1 of feed	0.021 lb/Mbb1 of feed
NH3	4.8 lb/Mbb1 of feed	3.6 lb/Mbb1 of feed	1.2 lb/Mbb1 of feed	0.87 lb/Mbb1 of feed	2.8 lb/Mbb1 of feed	2.1 lb/Mbb1 of feed
Sulfide	0.046 lb/Mbb1 of feed	0.029 lb/Mbb1 of feed	0.042 lb/Mbb1 of feed	0.027 lb/Mbb1 of feed	0.028 lb/Mbb1 of feed	0.018 lb/Mbb1 of feed
CrT	0.104 lb/Mbb1 of feed	0.083 lb/Mbb1 of feed	0.062 lb/Mbb1 of feed	0.050 lb/Mbb1 of feed	0.062 lb/Mbb1 of feed	0.050 lb/Mbb1 of feed
Cr6	0.0020 lb/Mbb1 of feed	0.0016 lb/Mbb1 of feed	0.00124 lb/Mbb1 of feed	0.00099 lb/Mbb1 of feed	0.00124 lb/Mbb1 of feed	0.00099 lb/Mbb1 of feed
BOD5	6.7 lb/Mbb1 of feed	5.4 lb/Mbb1 of feed	1.32 lb/Mbb1 of feed	1.07 lb/Mbb1 of feed	4.0 lb/Mbb1 of feed	3.2 lb/Mbb1 of feed

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 419 - PETROLEUM REFINING (Continued)</u>									
<u>Subpart F - Integrated Subcategory</u>									
BOD ₅	12.0 lb/Mbb1 of feed	9.7 lb/Mbb1 of feed	2.75 lb/Mbb1 of feed	2.23 lb/Mbb1 of feed	8.2 lb/Mbb1 of feed	6.6 lb/Mbb1 of feed			
COD	87.8 lb/Mbb1 of feed	70.2 lb/Mbb1 of feed	15.0 lb/Mbb1 of feed	12.0 lb/Mbb1 of feed	60.2 lb/Mbb1 of feed	48.2 lb/Mbb1 of feed			
TOC	16.5 lb/Mbb1 of feed	13.4 lb/Mbb1 of feed	6.2 lb/Mbb1 of feed	5.1 lb/Mbb1 of feed	11.4 lb/Mbb1 of feed	9.2 lb/Mbb1 of feed			
TSS	7.6 lb/Mbb1 of feed	6.1 lb/Mbb1 of feed	2.6 lb/Mbb1 of feed	2.1 lb/Mbb1 of feed	5.2 lb/Mbb1 of feed	4.2 lb/Mbb1 of feed			
Oil&Grease	3.8 lb/Mbb1 of feed	3.0 lb/Mbb1 of feed	0.52 lb/Mbb1 of feed	0.42 lb/Mbb1 of feed	2.6 lb/Mbb1 of feed	2.1 lb/Mbb1 of feed			
Phenols	0.094 lb/Mbb1 of feed	0.066 lb/Mbb1 of feed	0.013 lb/Mbb1 of feed	0.0090 lb/Mbb1 of feed	0.065 lb/Mbb1 of feed	0.046 lb/Mbb1 of feed			
NH ₃	5.0 lb/Mbb1 of feed	3.8 lb/Mbb1 of feed	1.4 lb/Mbb1 of feed	1.0 lb/Mbb1 of feed	3.4 lb/Mbb1 of feed	2.6 lb/Mbb1 of feed			
Sulfide	0.086 lb/Mbb1 of feed	0.055 lb/Mbb1 of feed	0.057 lb/Mbb1 of feed	0.036 lb/Mbb1 of feed	0.059 lb/Mbb1 of feed	0.038 lb/Mbb1 feed			
CrT	0.196 lb/Mbb1 of feed	0.157 lb/Mbb1 of feed	0.132 lb/Mbb1 of feed	0.106 lb/Mbb1 of feed	0.132 lb/Mbb1 of feed	0.106 lb/Mbb1 feed			
Cr6	0.0040 lb/Mbb1 of feed	0.0032 lb/Mbb1 of feed	0.0026 lb/Mbb1 of feed	0.0021 lb/Mbb1 of feed	0.0026 lb/Mbb1 of feed	0.0021 lb/Mbb1 feed			
Zinc	0.40 lb/Mbb1 of feed	0.32 lb/Mbb1 of feed	0.21 lb/Mbb1 of feed	0.16 lb/Mbb1 of feed	0.21 lb/Mbb1 of feed	0.16 lb/Mbb1 of feed			
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

Allocations for the waste water pollutants resulting from storm water runoff and ballast water are numerically the same as for Subpart A(1) & (2).

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
PART 420 - IRON AND STEEL MANUFACTURING						
Subpart A - By-Product Coke Subcategory						
(a) Effluent quality required to be achieved under section 301(b)(1)(A) of the Act:						
Cyanide T	0.0438 lb/1000 lb	0.0219 lb/1000 lb				
Phenol	0.0029 lb/1000 lb	0.0015 lb/1000 lb	0.0004 lb/1000 lb	0.0002 lb/1000 lb	0.0004 lb/1000 lb	0.0002 lb/1000 lb
Ammonia	0.1825 lb/1000 lb	0.0912 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb
BOD5	0.2190 lb/1000 lb	0.1095 lb/1000 lb	0.0166 lb/1000 lb	0.0083 lb/1000 lb	0.0166 lb/1000 lb	0.0083 lb/1000 lb
Oil&Grease	0.0219 lb/1000 lb	0.0109 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb
Cyanide A			0.0002 lb/1000 lb	0.0001 lb/1000 lb	0.0002 lb/1000 lb	0.0001 lb/1000 lb
Sulfide			0.0003 lb/1000 lb	0.0001 lb/1000 lb	0.0003 lb/1000 lb	0.0001 lb/1000 lb
TSS	0.0730 lb/1000 lb	0.0365 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.083 lb/1000 lb	0.0042 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

- (b) Application of the factors listed in section 304(b)(1)(B) will require variation from the effluent limitation set forth in this section for any point source subject to such effluent limitation only for those coke plants utilizing desulfurization units. The limitation specified may be exceeded up to 15 percent by those facilities equipped with gas desulfurization units to the extent that such measured discharge is necessary by reason of the increased effluent volume generated by these facilities.
- Application of the factors listed in section 304(b)(2)(B) will require variation from the effluent limitation set forth in this section for any point source subject to such effluent limitations, only for those coke plants utilizing desulfurization units. The limitations specified may be exceeded up to 25 percent by those facilities equipped with gas desulfurization units to the extent that such measured discharge is necessary by reason of the increased effluent volume generated by these facilities.
- Application of the factors listed in section 306(b)(1)(B) will require variation from the effluent limitation set forth in this section for any point source subject to such effluent limitations only for those coke plants utilizing desulfurization units. The limitations specified may be exceeded up to 25 percent in the case of facilities equipped with gas desulfurization units to the extent that such measured discharge is necessary by reason of the increased effluent volume generated by these facilities.

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 420 - IRON AND STEEL MANUFACTURING (Continued)</u>						
<u>Subpart B - Beehive Coke Subcategory</u>						
There shall be no discharge of process waste water pollutants to navigable waters.			There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart C - Sintering Subcategory</u>						
TSS	0.0208 lb/1000 lb	0.0104 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb
Oil&Grease	0.0042 lb/1000 lb	0.0021 lb/1000 lb	0.0042 lb/1000 lb	0.0021 lb/1000 lb	0.0042 lb/1000 lb	0.0021 lb/1000 lb
Sulfide			0.00012 lb/1000 lb	0.00006 lb/1000 lb	0.00012 lb/1000 lb	0.00006 lb/1000 lb
Fluoride			0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb
pH	6.0 - 9.		6.0 - 9.0		6.0 - 9.0	
<u>Subpart D - Blast Furnace (Iron) Subcategory</u>						
TSS	0.0521 lb/1000 lb	0.0260 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb
Cyanide T	0.0156 lb/1000 lb	0.0078 lb/1000 lb				
Phenol	0.0042 lb/1000 lb	0.0021 lb/1000 lb	0.00052 lb/1000 lb	0.00026 lb/1000 lb	0.00052 lb/1000 lb	0.00026 lb/1000 lb
Ammonia	0.1303 lb/1000 lb	0.0651 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb
Cyanide A			0.00026 lb/1000 lb	0.00013 lb/1000 lb	0.00026 lb/1000 lb	0.00013 lb/1000 lb
Sulfide			0.00031 lb/1000 lb	0.00016 lb/1000 lb	0.00031 lb/1000 lb	0.00016 lb/1000 lb
Fluoride			0.0208 lb/1000 lb	0.0104 lb/1000 lb	0.0208 lb/1000 lb	0.0104 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 420 - IRON AND STEEL MANUFACTURING (Continued)</u>						
<u>Subpart E - Blast Furnace (Ferromanganese) Subcategory</u>						
TSS	0.2086 lb/1000 lb	0.1043 lb/1000 lb	0.0208 lb/1000 lb	0.0104 lb/1000 lb	0.0208 lb/1000 lb	0.0104 lb/1000 lb
Cyanide T	0.0625 lb/1000 lb	0.0312 lb/1000 lb				
Phenol	0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.00104 lb/1000 lb	0.00052 lb/1000 lb	0.00104 lb/1000 lb	0.00052 lb/1000 lb
Ammonia	0.4172 lb/1000 lb	0.2086 lb/1000 lb	0.0208 lb/1000 lb	0.0104 lb/1000 lb	0.0208 lb/1000 lb	0.0104 lb/1000 lb
Cyanide A			0.00052 lb/1000 lb	0.00026 lb/1000 lb	0.00052 lb/1000 lb	0.00026 lb/1000 lb
Sulfide			0.00062 lb/1000 lb	0.00031 lb/1000 lb	0.00062 lb/1000 lb	0.00031 lb/1000 lb
Manganese			0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart F - Basic Oxygen Furnace (Semi Wet Air Pollution Control Methods) Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart G - Basic Oxygen Furnace (Wet Air Pollution Control Methods) Subcategory</u>						
TSS	0.0208 lb/1000 lb	0.0104 lb/1000 lb	0.0104 lb/1000 lb	0.00052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb
Fluoride			0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 420 - IRON AND STEEL MANUFACTURING (Continued)</u>									
<u>Subpart H - Open Hearth Furnace Subcategory</u>									
TSS	0.0208 lb/1000 lb	0.0104 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	
Fluoride			0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb	
Nitrate			0.0187 lb/1000 lb	0.0094 lb/1000 lb	0.0187 lb/1000 lb	0.0094 lb/1000 lb	0.0187 lb/1000 lb	0.0094 lb/1000 lb	
Zinc			0.0021 lb/1000 lb	0.0010 lb/1000 lb	0.0021 lb/1000 lb	0.0010 lb/1000 lb	0.0021 lb/1000 lb	0.0010 lb/1000 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
<u>Subpart I - Electric Arc Furnace (Semi-Wet Air Pollution Control Methods) Subcategory</u>									
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		
<u>Subpart J - Electric Arc Furnace (Wet Air Pollution Control Methods) Subcategory</u>									
TSS	0.0208 lb/1000 lb	0.0104 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	
Fluoride			0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb	0.0083 lb/1000 lb	0.0042 lb/1000 lb	
Zinc			0.0021 lb/1000 lb	0.0010 lb/1000 lb	0.0021 lb/1000 lb	0.0010 lb/1000 lb	0.0021 lb/1000 lb	0.0010 lb/1000 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 420 - IRON AND STEEL MANUFACTURING (Continued)</u>									
<u>Subpart K - Vacuum Degassing Subcategory</u>									
TSS	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0052 lb/1000 lb	0.0026 lb/1000 lb	0.0052 lb/1000 lb	0.0026 lb/1000 lb	0.0052 lb/1000 lb	0.0026 lb/1000 lb	
Zinc			0.0010 lb/1000 lb	0.0005 lb/1000 lb	0.0010 lb/1000 lb	0.0005 lb/1000 lb	0.0010 lb/1000 lb	0.0005 lb/1000 lb	
Manganese			0.0010 lb/1000 lb	0.0005 lb/1000 lb	0.0010 lb/1000 lb	0.0005 lb/1000 lb	0.0010 lb/1000 lb	0.0005 lb/1000 lb	
Lead			0.00010 lb/1000 lb	0.00005 lb/1000 lb	0.00010 lb/1000 lb	0.00005 lb/1000 lb	0.00010 lb/1000 lb	0.00005 lb/1000 lb	
Nitrate			0.0094 lb/1000 lb	0.0047 lb/1000 lb	0.0094 lb/1000 lb	0.0047 lb/1000 lb	0.0094 lb/1000 lb	0.0047 lb/1000 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
<u>Subpart L - Continuous Casting Subcategory</u>									
TSS	0.0521 lb/1000 lb	0.0260 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	
Oil&Grease	0.0156 lb/1000 lb	0.0078 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	0.0104 lb/1000 lb	0.0052 lb/1000 lb	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		

Parameter	Daily	BPT	30 Day	Daily	BAT	30 Day	Daily	Flow Sources	30 Day
<u>PART 421 - NONFERROUS METALS MANUFACTURING</u>									

Subpart A - Bauxite Refining Subcategory

- (a) Subject to the provisions of paragraph (b) of this section, there shall be no discharge of process waste water pollutants to navigable waters.
- (b) During any calendar month in which the precipitation exceeds the evaporation in the area in which a process waste water impoundment is located as established by the U. S. National Weather Service (or as otherwise determined if no monthly evaporation data have been established by the National Weather Service for such area), there may be discharged from such impoundment either a volume of process waste water equal to the difference between the mean precipitation and mean evaporation for that month as established by the U. S. National Weather Service for the preceding 10 year period, whichever is greater.

Subpart B - Primary Aluminum Smelting Subcategory

Fluoride	2.0 lb/1000 lb	1.0 lb/1000 lb	0.1 lb/1000 lb	0.05 lb/1000 lb	0.05 lb/1000 lb	0.025 lb/1000 lb
Suspended Nonfilterable Solids, Total	3.0 lb/1000 lb	1.5 lb/1000 lb	0.2 lb/1000 lb	0.1 lb/1000 lb	0.1 lb/1000 lb	0.05 lb/1000 lb
Oil & Grease	0.5 lb/1000 lb	0.25 lb/1000 lb	0.03 lb/1000 lb	0.015 lb/1000 lb	0.03 lb/1000 lb	0.015 lb/1000 lb
Cyanide	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

Subpart C - Secondary Aluminum Smelting Subcategory

- (a) Water for metal cooling:

There shall be no discharge of process waste water pollutants to navigable waters.

There shall be no discharge of process waste water pollutants to navigable waters.

There shall be no discharge of process waste water pollutants to navigable waters.

Application of 306(b) factors may require variation from "no discharge where chlorine is used in magnesium removal processing."

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 421 - NONFERROUS METALS MANUFACTURING

Subpart C - Secondary Aluminum Smelting Subcategory (Continued)

- (b) Aluminum fluoride in its magnesium removal process ("demagging" process):
- There shall be no discharge of process waste water pollutants to navigable waters.

There shall be no discharge of process waste water pollutants to navigable waters.

There shall be no discharge of process waste water pollutants to navigable waters.

Application of 306(b) factors may require variation from "no discharge where chlorine is used in magnesium removal processing."

- (c) Chlorine in magnesium removal process:

Suspended Nonfilterable Solids, Total 0.175 lb/lb magnesium removed

Oil&Grease 0.002 lb/lb " "

Oxygen Demand, Chemical 0.0065 lb/lb " "

pH 7.5 - 9.0

"

"

- (d) Processes residues by wet methods:

"

"

Suspended Nonfilterable Solids, Total 1.5 lb/1000 lb

Fluoride 0.4 lb/1000 lb

Ammonia Nitrogen 0.01 lb/1000 lb

Aluminum 1.0 lb/1000 lb

Copper 0.003 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 421 - NONFERROUS METALS MANUFACTURING (Continued)</u>									
(d) Processes residues by wet methods (Continued)									
Oxygen Demand, Chemical	1.0 lb/1000 lb								
pH	7.5 - 9.0								

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 422 - PHOSPHATE MANUFACTURING</u>						
<u>Subpart A - Phosphorus Production Subcategory</u>						
	There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.		There shall be no discharge of process waste water pollutants to navigable waters.	
<u>Subpart B - Phosphorus Consuming Subcategory</u>						
	(a) There shall be no discharge of process waste water pollutants to navigable water from the manufacture of phosphoric acid, phosphorus pentoxide, or phosphorus pentasulfide.		There shall be no discharge of process waste water pollutants to navigable waters resulting from the manufacture of phosphoric acid, phosphorus pentoxide, phosphorus pentasulfide, phosphorus trichloride or phosphorus oxychloride.		There shall be no discharge of process waste water pollutants to navigable waters.	
	(b) The following limitations constitute the maximum permissible discharge for phosphorus trichloride manufacturing on the basis of productions:					
TSS	1.4 lb/1000 lb	0.7 lb/1000 lb				
TDS	10.0 lb/1000 lb	5.0 lb/1000 lb				
pH	6.0 - 9.0					
	(c) The following table sets forth the maximum permissible discharge for phosphorus oxychloride on the basis of production:					
TSS	0.3 lb/1000 lb	0.15 lb/1000 lb				
TDS	7.0 lb/1000 lb	3.5 lb/1000 lb				
pH	6.0 - 9.0					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 422- PHOSPHATE MANUFACTURING

Subpart C - Phosphate Subcategory

There shall be no discharge of process
waste water pollutants to navigable waters.

There shall be no discharge of process
waste water pollutants to navigable waters.

There shall be no discharge of process
waste water pollutants to navigable waters.

<u>Parameter</u>	<u>BPT</u>		<u>BAT</u>		<u>New Sources</u>	
	<u>Daily</u>	<u>30 Day</u>	<u>Daily</u>	<u>30 Day</u>	<u>Daily</u>	<u>30 Day</u>
<u>PART 423 - STEAM ELECTRIC POWER GENERATING EQUIPMENT</u>						
(a)(1) There shall be no discharge of heat from a large base-load unit for which construction is completed on or after July 1, 1977, except that heat may be discharged in blowdown from recirculating cooling water systems provided that the temperature at which the blowdown is discharged does not exceed at any time the lowest temperature of the recirculating cooling water prior to the addition of make-up water.			(a)(1) There shall be no discharge of heat, except that heat may be discharged in blowdown from the recirculating condenser cooling water system provided that the temperature at which the blowdown is discharged does not exceed at any time the lowest temperature of the recirculating cooling water prior to the addition of make-up water.		(a) There shall be no discharge of heat by any new sources, except that heat may be discharged in blowdown from recirculating cooling water systems provided that the temperature at which the blowdown is discharged does not exceed at any time the lowest temperature of the recirculating cooling water prior to the addition of make-up water.	
(2) The limitation in paragraph (a)(1) of this section shall not apply where the owner or operator of a unit otherwise subject to it can demonstrate:			(2) The limitation set forth in subparagraph (a)(1) shall be achieved as follows:		(b) The effluent limitations in BAT (b) through (n) shall apply to discharges of pollutants other than heat, except as provided in the following:	
(i) That sufficient land for mechanical draft evaporative cooling towers is not available on the premises or on adjoining property under the ownership or control of the owner or operator, as of the date on which these regulations were proposed, with some amount of land use reassignment and no other available alternative evaporative cooling system is practicable, or			(i) No later than July 1, 1978, by baseload units presently in operation or on which construction is completed prior to July 1, 1977, with a nameplate generating capacity of 500 megawatts or greater.		(c) There shall be no discharge of:	
(ii) That total dissolved solids concentrations in available intake cooling water exceed 30,000 mg/l, and land not owned or controlled by the owner or operator is located within 150 m (500 ft) downwind (prevailing) of all practicable locations for mechanical draft cooling towers and no other alternative evaporative cooling system is practicable.			(ii) No later than July 1, 1979, by base-load units presently in operation or on which construction is completed prior to July 1, 1977, with a nameplate generating capacity of less than 500 megawatts, but greater than 299 megawatts.		(1) corrosion inhibitors in blowdown from recirculating cooling water systems;	
			(iii) No later than July 1, 1980, by all other large base-load units.		(2) total residual chlorine, or other chemical additives used for biological control in main condenser tubes from nonrecirculating cooling water systems,	
			(iv) No later than July 1, 1983, by all other units, including cyclic units, peaking units and small base-load units.		(3) pollutants from systems providing sluicing of bottom ash from the combustion of oil or fly ash from the combustion of any fuel; or	
			(3) The limitation set forth in subparagraph (a)(1) shall not apply to units as to which the owner or operator can demonstrate that		(4) pollutants from nonrecirculating ash sluicing systems.	
			(1) sufficient land for mechanical draft		(d) Where waste waters from one source with effluent limitations for a particular pollutant are combined with other waste	

<u>Parameter</u>	<u>BPT</u>		<u>BAT</u>		<u>New Sources</u>	
	<u>Daily</u>	<u>30 Day</u>	<u>Daily</u>	<u>30 Day</u>	<u>Daily</u>	<u>30 Day</u>

PART 423 - STEAM ELECTRIC POWER GENERATING EQUIPMENT (Continued)

(3) The limitations in paragraph (a)(1) shall not apply to discharges from nonrecirculating house service water systems in nuclear-fueled generating units, and to waste water discharges from low-volume waste sources or intermediate volume waste sources other than blowdown from recirculating cooling water systems.

(b) There shall be no discharge of pollutants from clarification water treatment and softening water treatment.

(c) Concentrations of free available chlorine in waste water discharged from nonrecirculating and recirculating cooling water systems shall not exceed average concentrations of 0.2 mg/l and maximum concentrations of 0.5 mg/l at the outlet corresponding to an individual unit during a maximum of one 2-hour period a day. No discharge of total residual chlorine is otherwise allowed. No discharge of total residual chlorine is allowed from one unit while another unit at the same plant is being chlorinated. When it can be demonstrated by the owner or operator that higher levels of free available chlorine or more length total periods of application are required to maintain a reasonable level of condenser tube cleanliness for nonrecirculating cooling water systems, discharges of amounts of free available chlorine in excess of the above limitations which are necessary to maintain such level of condenser tube cleanliness may be permitted.

(d) There shall be no discharge of polychlorinated biphenyl transformer fluid.

evaporative cooling towers is not available on the premises, with a reasonably significant amount of land use reassignment or on adjoining properties, whether or not owned or controlled by the owner or operator, and (2) none of the available alternative evaporative cooling systems is practicable.

(4) The limitations set forth in subparagraph (a)(1) shall not apply to discharges from nonrecirculating house service water systems in nuclear-fueled units.

(b) The effluent limitations set forth in BAT (c), (f)(2), (g), (h), (i), (k)(2), and (k)(3) shall apply to discharges of pollutants from recirculating and non-recirculating cooling water, and sanitary wastes, except that no discharge is allowed of total residual chlorine from recirculating cooling water systems shall that total chromium, total phosphorus (as P), and total zinc in waste water from recirculating cooling water systems shall not exceed daily average amounts, mg, of 0.2 mg/l total chromium x FLOW, total phosphorus (as P) of 5 mg/l x FLOW and 1 mg/l of total zinc x FLOW.

(c)(1) There shall be no discharge of waste water from run-off waste sources, taken collectively as if from one source, unless the first 15 minutes of rainfall run-off are segregated from the remainder during any rainfall event.

waters (such as the combination of waste water from low-volume waste sources with nonrecirculating cooling water), the effluent limitation, mg (or mg/l) for the particular pollutant, excluding pH, for the combined stream shall be the sum of the effluent limitations (for concentration limits apply appropriate dilution factors) for each of the streams which contribute to the combined stream except that the actual amount, mg (or mg/l), of the pollutant in a contributing stream will be used in place of the effluent limitation for those contributing streams where the actual amount, mg (or mg/l), of the pollutant is less than the effluent limitation, mg (or mg/l), for the contributing stream.

Parameter	Daily	<u>BPT</u> 30 Day	30 Day	Daily	<u>BAT</u> 30 Day	30 Day	Daily	<u>New Sources</u> 30 Day	30 Day
<u>PART 423 - STEAM ELECTRIC POWER GENERATING EQUIPMENT (Continued)</u>									
(e) Total iron and total copper in waste water from low-volume waste sources shall not exceed daily average amounts, mg, of 1 mg/l total copper x FLOW and 1 mg/l total iron x FLOW.				(2) Total suspended solids and oil and grease in waste waters from the first 15 minutes of rainfall run-off from any rainfall event, taken collectively as if from one source, shall not exceed average concentrations of 15 mg/l and 10 mg/l, respectively, and maximum concentrations of 100 mg/l and 20 mg/l, respectively.					
(f)(1) Total suspended solids in waste water from low-volume waste sources shall not exceed daily average amounts, mg, of 15 mg/l x FLOW or a maximum amount, mg, for any one day of 100 mg/l x FLOW.				(3) Total suspended solids and oil and grease in waste waters from all but the first 15 minutes of rainfall run-off from any rainfall event, taken collectively as if from one source, shall not exceed average concentrations of 15 mg/l and 10 mg/l, respectively, and maximum concentrations of 100 mg/l and 20 mg/l, respectively.					
(2) Total suspended solids in waste water from recirculating cooling water systems shall not exceed daily average amounts, mg, of 15 mg/l x FLOW or a maximum amount, mg, for any one day of 100 mg/l x FLOW.				(d) There shall be no discharge of pollutants other than those controlled by paragraphs (a), (b), and (c) of this section.					
(3) Total suspended solids in waste water from nonrecirculating ash sluicing systems and from nonrecirculating wet-scrubber air pollution control systems shall not exceed daily average amounts, mg, of 15 mg/l x FLOW or a maximum amount, mg, for any one day of 100 mg/l x FLOW, except that amounts, mg, in excess of the above limitations are allowed only to the extent that the amount, mg, of total suspended solids in waste water from nonrecirculating ash sluicing systems and from nonrecirculating wet-scrubber air pollution control systems does not exceed the amount, mg, of total suspended solids brought into the plant, over the same time span, for use in conjunction with the nonrecirculating ash sluicing system or the nonrecirculating wet-scrubber air pollution control system, respectively.				(e) There is no effluent limitation on waste waters from the radiological waste system presented in this regulation.					
				(f) Where waste waters from one source, with effluent limitations for a particular pollutant, are combined with other waste waters (such as the combination of waste water from low-volume waste sources with nonrecirculating cooling water), the effluent limitation, mg (or mg/l), for the particular pollutant, excluding pH, for the combined stream shall be the sum of the effluent limitations (for concentration limits apply appropriate dilution factors) for each of the streams which contribute to the combined stream except that the actual amount, mg (or mg/l), of the pollutant in a contributing					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 423 - STEAM ELECTRIC POWER GENERATING EQUIPMENT (Continued)</u>						
(4) Total suspended solids in waste water run-off from rainfall run-off sources, taken collectively as if from one source, including coal pile drainage, yard and roof drainage, and run-off from construction activities shall not exceed average concentrations of 15 mg/l during the time span of each run-off event or a maximum concentration of 100 mg/l at any time.				stream will be used in place of the effluent limitation for those contributing streams where the actual amount, mg (or mg/l), of the pollutant is less than the effluent limitation, mg (or mg/l), for the contributing stream.		
(g) The pH value of all streams discharged, with the exception of nonrecirculating cooling water, shall be in the range of 6.0 - 9.0 at all times.						
(h) Waste waters discharged from the sanitary system shall meet applicable standards for publicly-owned treatment works specified in 40 CFR Part 133.						
(i) No debris from the intake means shall be discharged.						
(j) There is no effluent limitation on waste waters from the radiological waste system presented in this regulation.						
(k)(1) Oil and grease in waste water from low-volume waste sources shall not exceed daily average amounts, mg, of 10 mg/l x FLOW, or a maximum concentration of 20 mg/l at any time.						
(2) Oil and grease in waste water from recirculating cooling water systems shall not exceed daily average amounts, mg, of 10 mg/l x FLOW.						

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 424 - FERROALLOY MANUFACTURING</u>									
<u>Subpart A - Open Electric Furnaces with Wet Air Pollution Control Devices Subcategory</u>									
TSS	0.703 lb/mwhr	0.352 lb/mwhr	0.052 lb/mwhr	0.026 lb/mwhr	There shall be no discharge of process waste water pollutants to navigable waters.				
Chromium	0.014 lb/mwhr	0.007 lb/mwhr	0.0017 lb/mwhr	0.0009 lb/mwhr					
Hexavalent Chromium	0.0014 lb/mwhr	0.0004 lb/mwhr	0.00006 lb/mwhr	0.00002 lb/mwhr					
Manganese	0.141 lb/mwhr	0.070 lb/mwhr	0.017 lb/mwhr	0.0086 lb/mwhr					
Oil	0.141 lb/mwhr	0.098 lb/mwhr	0.017 lb/mwhr	0.012 lb/mwhr					
Phenols	0.010 lb/mwhr	0.007 lb/mwhr	0.0007 lb/mwhr	0.0003 lb/mwhr					
Orthophosphate	0.010 lb/mwhr	0.005 lb/mwhr	0.00004 lb/mwhr	0.00006 lb/mwhr					
pH	6.0 - 9.0			6.0 - 9.0					
<u>Subpart B - Covered Electric Furnaces and Other Smelting Operations with Wet Air Pollution Control Devices Subcategory</u>									
TSS	0.922 lb/mwhr	0.461 lb/mwhr	0.071 lb/mwhr	0.035 lb/mwhr	0.071 lb/mwhr	0.035 lb/mwhr			
Chromium	0.018 lb/mwhr	0.009 lb/mwhr	0.002 lb/mwhr	0.0012 lb/mwhr	0.002 lb/mwhr	0.0012 lb/mwhr			
Hexavalent Chromium	0.0018 lb/mwhr	0.0006 lb/mwhr	0.00005 lb/mwhr	0.00002 lb/mwhr	0.00005 lb/mwhr	0.00002 lb/mwhr			
Total Cyanide	0.009 lb/mwhr	0.005 lb/mwhr	0.001 lb/mwhr	0.0006 lb/mwhr	0.001 lb/mwhr	0.0006 lb/mwhr			
Manganese	0.184 lb/mwhr	0.092 lb/mwhr	0.023 lb/mwhr	0.012 lb/mwhr	0.023 lb/mwhr	0.012 lb/mwhr			
Oil	0.184 lb/mwhr	0.129 lb/mwhr	0.023 lb/mwhr	0.016 lb/mwhr	0.023 lb/mwhr	0.016 lb/mwhr			
Phenols	0.013 lb/mwhr	0.009 lb/mwhr	0.0009 lb/mwhr	0.0005 lb/mwhr	0.0009 lb/mwhr	0.0005 lb/mwhr			

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 424 - FERROALLOY MANUFACTURING (Continued)

Subpart B - Covered Electric Furnaces and Other Smelting Operations with Wet Air Pollution Control Devices Subcategory (Continued)

Orthophosphate	0.013 lb/mwhr	0.006 lb/mwhr	0.0002 lb/mwhr	0.00008 lb/mwhr	0.0002 lb/mwhr	0.00008 lb/mwhr
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

NOTE: For nonelectric furnace smelting processes, the units of the effluent limitations set forth in this section shall be read as "kg/kg product (lb/ton product)", and the limitations (except for pH) shall be three (3) times those listed in the table in this section.

Subpart C - Slag Processing Subcategory

TSS	5.319 lb/ton processed	2.659 lb/ton processed	There shall be no discharge of process waste water pollutants to navigable waters.	There shall be no discharge of process waste water pollutants to navigable waters.
Chromium	0.106 lb/ton processed	0.053 lb/ton processed		
Manganese	1.064 lb/ton processed	0.532 lb/ton processed		
Oil	1.064 lb/ton processed	0.745 lb/ton processed		
pH	6.0 - 9.0			

Subpart D - Noncontract Cooling Water Subcategory

TSS	5.917 lb/mwhr	2.959 lb/mwhr	0.296 lb/mwhr	0.148 lb/mwhr	0.296 lb/mwhr	0.148 lb/mwhr
Chromium	0.118 lb/mwhr	0.059 lb/mwhr	0.006 lb/mwhr	0.003 lb/mwhr	0.006 lb/mwhr	0.003 lb/mwhr
Hexavalent Chromium	0.012 lb/mwhr	0.004 lb/mwhr	0.0001 lb/mwhr	0.00006 lb/mwhr	0.0001 lb/mwhr	0.00006 lb/mwhr
Oil	1.183 lb/mwhr	0.828 lb/mwhr	0.059 lb/mwhr	0.041 lb/mwhr	0.059 lb/mwhr	0.041 lb/mwhr
Orthophosphate	0.237 lb/mwhr	0.118 lb/mwhr	0.006 lb/mwhr	0.003 lb/mwhr	0.006 lb/mwhr	0.003 lb/mwhr
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 424 - FERROALLOY MANUFACTURING (Continued)</u>									
<u>Subpart D - Noncontract Cooling Water Subcategory (Continued)</u>									
Heat Content	1,184,000 BTU/mwhr	592,000 BTU/mwhr	59,000 BTU/mwhr		30,000 BTU/mwhr		59,000 BTU/mwhr		30,000 BTU/mwhr
<u>PART 425 - LEATHER TANNING AND FINISHING INDUSTRY</u>									
<u>Subpart A - Hair Pulp Unhairing with Chrome Tanning and Finishing Subcategory</u>									
BOD5	5.4 lb/1000 lb hide	2.7 lb/1000 lb hide	2.7 lb/1000 lb hide		1.35 lb/1000 lb hide		5.4 lb/1000 lb hide		2.7 lb/1000 lb hide
Chromium	0.10 lb/1000 lb hide	0.05 lb/1000 lb hide	0.10 lb/1000 lb hide		0.05 lb/1000 lb hide		0.10 lb/1000 lb hide		0.05 lb/1000 lb hide
Oil&Grease	1.06 lb/1000 lb hide	0.53 lb/1000 lb hide	1.06 lb/1000 lb hide		0.53 lb/1000 lb hide		1.06 lb/1000 lb hide		0.53 lb/1000 lb hide
TSS	6.0 lb/1000 lb hide	3.0 lb/1000 lb hide	3.0 lb/1000 lb hide		1.5 lb/1000 lb hide		6.0 lb/1000 lb hide		3.0 lb/1000 lb hide
Fecal Coliforms	Most Probable Number shall not exceed 400 counts per 100 ml.		Most Probable Number shall not exceed 400 counts per 100 ml.		Most Probable Number shall not exceed 400 counts per 100 ml.		Most Probable Number shall not exceed 400 counts per 100 ml.		
Sulfide			0.01 lb/1000 lb hide		0.005 lb/1000 lb hide				
Total Kjeldahl Nitrogen			0.54 lb/1000 lb hide		0.27 lb/1000 lb hide				
pH	6.0 - 9.0				6.0 - 9.0		6.0 - 9.0		
<u>Subpart B - Hair Save Unhairing With Chrome Tanning and Finishing Subcategory</u>									
BOD5	6.4 lb/1000 lb hide	3.2 lb/1000 lb hide	3.2 lb/1000 lb hide		1.6 lb/1000 lb hide		6.4 lb/1000 lb hide		3.2 lb/1000 lb hide
Chromium	0.12 lb/1000 lb hide	0.06 lb/1000 lb hide	0.12 lb/1000 lb hide		0.06 lb/1000 lb hide		0.12 lb/1000 lb hide		0.06 lb/1000 lb hide
Oil&Grease	1.26 lb/1000 lb hide	0.63 lb/1000 lb hide	1.26 lb/1000 lb hide		0.63 lb/1000 lb hide		1.26 lb/1000 lb hide		0.63 lb/1000 lb hide
TSS	7.0 lb/1000 lb hide	3.5 lb/1000 lb hide	3.6 lb/1000 lb hide		1.8 lb/1000 lb hide		7.0 lb/1000 lb hide		3.5 lb/1000 lb hide

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 425 - LEATHER TANNING AND FINISHING INDUSTRY</u>									

Subpart B - Hair Save Unhairing With Chrome Tanning and Finishing Subcategory (Continued)

Fecal Coliforms	Most Probable Number shall not exceed 400 counts per 100 ml.			Most Probable Number shall not exceed 400 counts per 100 ml.			Most Probable Number shall not exceed 400 counts per 100 ml.		
Sulfide				0.012 lb/1000 lb hide			0.006 lb/1000 lb hide		
Total Kjeldahl Nitrogen				0.64 lb/1000 lb hide			0.32 lb/1000 lb hide		
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

Subpart C - Unhairing with Vegetable or Alum Tanning and Finishing Subcategory

BOD5	5.0 lb/1000 lb hide	2.5 lb/1000 lb hide	2.5 lb/1000 lb hide	1.25 lb/1000 lb hide	5.0 lb/1000 lb hide	2.5 lb/1000 lb hide
Chromium	0.10 lb/1000 lb hide	0.05 lb/1000 lb hide	0.1 lb/1000 lb hide	0.05 lb/1000 lb hide	0.10 lb/1000 lb hide	0.05 lb/1000 lb hide
Oil&Grease	1.0 lb/1000 lb hide	0.5 lb/1000 lb hide	1.0 lb/1000 lb hide	0.5 lb/1000 lb hide	1.0 lb/1000 lb hide	0.5 lb/1000 lb hide
TSS	5.6 lb/1000 lb hide	2.8 lb/1000 lb hide	2.8 lb/1000 lb hide	1.4 lb/1000 lb hide	5.6 lb/1000 lb hide	2.8 lb/1000 lb hide
Fecal Coliforms	Most Probable Number shall not exceed 400 counts per 100 ml.		Most Probable Number shall not exceed 400 counts per 100 ml.		Most Probable Number shall not exceed 400 counts per 100 ml.	
Sulfide			0.01 lb/1000 lb hide		0.005 lb/1000 lb hide	
Total Kjeldahl Nitrogen			0.5 lb/1000 lb hide		0.25 lb/1000 lb hide	
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 425 - LEATHER TANNING AND FINISHING INDUSTRY</u>									
<u>Subpart D - Finishing of Tanned Hides Subcategory</u>									
BOD ₅	2.0 lb/1000 lb hide	1.0 lb/1000 lb hide	1.0 lb/1000 lb hide	0.5 lb/1000 lb			2.0 lb/1000 lb hide	1.0 lb/1000 lb hide	
Chromium	0.04 lb/1000 lb hide	0.02 lb/1000 lb hide	0.04 lb/1000 lb hide	0.02 lb/1000 lb hide			0.04 lb/1000 lb hide	0.02 lb/1000 lb hide	
Oil&Grease	0.48 lb/1000 lb hide	0.24 lb/1000 lb hide	0.48 lb/1000 lb hide	0.24 lb/1000 lb hide			0.48 lb/1000 lb hide	0.24 lb/1000 lb hide	
TSS	2.2 lb/1000 lb hide	1.1 lb/1000 lb hide	1.2 lb/1000 lb hide	0.6 lb/1000 lb hide			2.2 lb/1000 lb hide	1.1 lb/1000 lb hide	
Fecal Coliforms	Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml		
Sulfide			0.004 lb/1000 lb hide	0.002 lb/1000 lb hide					
Total Kjeldahl Nitrogen			0.2 lb/1000 lb hide	0.1 lb/1000 lb hide					
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		6.0 - 9.0		
<u>Subpart E - Vegetable or Chrome Tanning of Unhaired Hides Subcategory</u>									
BOD ₅	6.4 lb/1000 lb hide	3.2 lb/1000 lb hide	3.2 lb/1000 lb hide	1.6 lb/1000 lb hide			6.4 lb/1000 lb hide	3.2 lb/1000 lb hide	
Chromium	0.12 lb/1000 lb hide	0.06 lb/1000 lb hide	0.12 lb/1000 lb hide	0.06 lb/1000 lb hide			0.12 lb/1000 lb hide	0.06 lb/1000 lb hide	
Oil&Grease	1.26 lb/1000 lb hide	0.63 lb/1000 lb hide	1.26 lb/1000 lb hide	0.63 lb/1000 lb hide			1.26 lb/1000 lb hide	0.63 lb/1000 lb hide	
TSS	7.0 lb/1000 lb hide	3.5 lb/1000 lb hide	3.6 lb/1000 lb hide	1.8 lb/1000 lb hide			7.0 lb/1000 lb hide	3.5 lb/1000 lb hide	
Fecal Coliforms	Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml		
Sulfide			0.012 lb/1000 lb hide	0.006 lb/1000 lb hide					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 425 - LEATHER TANNING AND FINISHING INDUSTRY (Continued)</u>									

Subpart E - Vegetable or Chrome Tanning of Unhaired Hides Subcategory (Continued)

Total Kjeldahl Nitrogen			0.62 lb/1000 lb hide		0.31 lb/1000 lb hide				
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

Subpart F - Unhairing with Chrome Tanning and No Finishing Subcategory

BOD ₅	2.8 lb/1000 lb hide	1.4 lb/1000 lb hide	1.4 lb/1000 lb hide	0.7 lb/1000 lb hide	2.8 lb/1000 lb hide	1.4 lb/1000 lb hide
Chromium	0.06 lb/1000 lb hide	0.03 lb/1000 lb hide	0.06 lb/1000 lb hide	0.03 lb/1000 lb hide	0.06 lb/1000 lb hide	0.03 lb/1000 lb hide
Oil&Grease	0.68 lb/1000 lb hide	0.34 lb/1000 lb hide	0.68 lb/1000 lb hide	0.34 lb/1000 lb hide	0.68 lb/1000 lb hide	0.34 lb/1000 lb hide
TSS	3.0 lb/1000 lb hide	1.5 lb/1000 lb hide	1.6 lb/1000 lb hide	0.8 lb/1000 lb hide	3.0 lb/1000 lb hide	1.5 lb/1000 lb hide
Fecal Coliforms	Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml		Most Probable Number shall not exceed 400 counts per 100 ml	
Sulfide			0.006 lb/1000 lb hide	0.003 lb/1000 lb hide		
Total Kjeldahl Nitrogen			0.28 lb/1000 lb hide	0.14 lb/1000 lb hide		
pH	6.0 - 9.0			6.0 - 9.0		6.0 - 9.0

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 426 - GLASS MANUFACTURING</u>									
<u>Subpart A - Insulation Fiberglass Subcategory</u>									
	(a) No discharge of process waste water pollutants.			(a) No discharge of process waste water pollutants.			(a) No discharge of process waste water pollutants.		
	(b) Application of the factors listed in section 304(b) (1) (B) does not require variation from the effluent limitation set forth in this section for any point source subject to such effluent limitation.			(b) Application of the factors listed in section 304(b) (2) (B) does not require variation from the effluent limitation set forth in this section for any point source subject to such effluent limitation.			(b) Application of the factors listed in Section 306 does not require variation from the standard of performance set forth in this section for any point source subject to such standard of performance.		
<u>Subpart B - Sheet Glass Manufacturing Subcategory</u>									
	No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.		
<u>Subpart C - Rolled Glass Manufacturing Subcategory</u>									
	No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.		
<u>Subpart D - Plate Glass Manufacturing Subcategory</u>									
TSS	5.52 lb/ton	2.76 lb/ton		0.090 lb/ton			No discharge of process waste water pollutants to navigable waters.		
COD	1.80 lb/ton	0.90 lb/ton		0.018 lb/ton					
pH	6.0 - 9.0			6.0 - 9.0					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 426 - GLASS MANUFACTURING (Continued)</u>									
<u>Subpart E - Float Glass Manufacturing Subcategory</u>									
TSS	0.004 lb/ton			No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.		
COD	0.004 lb/ton								
Oil	0.0014 lb/ton								
Phosphorus	0.0001 lb/ton								
pH	6.0 - 9.0								
<u>Subpart F - Automotive Glass Tempering Subcategory</u>									
TSS	0.40 lb/1000 sq ft.	0.25 lb/1000 sq ft		0.05 lb/1000 sq ft			0.05 lb/1000 sq ft		
BOD	0.15 lb/1000 sq ft			0.10 lb/1000 sq ft			0.10 lb/1000 sq ft		
Oil	0.13 lb/1000 sq ft			0.05 lb/1000 sq ft			0.05 lb/1000 sq ft		
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart G - Automotive Glass Lamination Subcategory</u>									
TSS	0.90 lb/1000 sq ft			0.18 lb/1000 sq ft			0.18 lb/1000 sq ft		
COD	1.0 lb/1000 sq ft			1.0 lb/1000 sq ft			1.0 lb/1000 sq ft		
Oil	0.36 lb/1000 sq ft			0.18 lb/1000 sq ft			0.18 lb/1000 sq ft		
Phosphorous	0.20 lb/1000 sq ft			0.04 lb/1000 sq ft			0.04 lb/1000 sq ft		
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 427 - ASBESTOS MANUFACTURING</u>									
<u>Subpart A - Asbestos - Cement Pipe Subcategory</u>									
TSS	1.14 lb/ton	0.38 lb/ton	No discharge of process waste water pollutants to navigable waters.				1.14 lb/ton		0.38 lb/ton
BOD	0.56 lb/ton	0.18 lb/ton					0.56 lb/ton		0.18 lb/ton
pH	6.0 - 9.0							6.0 - 9.0	
<u>Subpart B - Asbestos - Cement Sheet Subcategory</u>									
TSS	1.35 lb/ton	0.45 lb/ton	No discharge of process waste water pollutants to navigable waters.				No discharge of process waste water pollutant to navigable waters.		
BOD	0.68 lb/ton	0.22 lb/ton							
pH	6.0 - 9.0								
<u>Subpart C - Asbestos Paper (Starch Binder) Subcategory</u>									
TSS	1.10 lb/ton	0.70 lb/ton	No discharge of process waste water pollutants to navigable waters.				No discharge of process waste water pollutants to navigable waters.		
BOD	1.10 lb/ton	0.70 lb/ton							
pH	6.0 - 9.0								
<u>Subpart D - Asbestos Paper (Elastomeric Binder) Subcategory</u>									
TSS	1.10 lb/ton	0.70 lb/ton	No discharge of process waste water pollutants to navigable waters.				1.10 lb/ton		0.70 lb/ton
BOD	1.10 lb/ton	0.70 lb/ton					1.10 lb/ton		0.70 lb/ton
pH	6.0 - 9.0							6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 427 - ASBESTOS MANUFACTURING (Continued)</u>									
<u>Subpart E - Asbestos Millboard Subcategory</u>									
	No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.		
<u>Subpart F - Asbestos Roofing Products Subcategory</u>									
TSS	0.02 lb/ton	0.012 lb/ton		No discharge of process waste water pollutants to navigable waters.			No discharge of process waste water pollutants to navigable waters.		
COD	0.029 lb/ton	0.016 lb/ton							
pH	6.0 - 9.0								
<u>Subpart G - Asbestos Floor Tile Subcategory</u>									
TSS	0.13 lb/mpc	0.08 lb/mpc		No discharge of process waste water pollutants to navigable waters.			0.13 lb/mpc	0.08 lb/mpc	
COD	0.30 lb/mpc	0.18 lb/mpc					0.30 lb/mpc	0.18 lb/mpc	
pH	6.0 - 9.0						6.0 - 9.0		
<u>PART 428 - RUBBER TIRE MANUFACTURING</u>									
<u>Subpart A - Older Tire and Inner Tube Plants Subcategory</u>									
TSS	0.096 lb/1000 lb	0.064 lb/1000 lb		0.096 lb/1000 lb	0.064 lb/1000 lb		0.096 lb/1000 lb	0.064 lb/1000 lb	
Oil&Grease	0.024 lb/1000 lb	0.016 lb/1000 lb		0.024 lb/1000 lb	0.016 lb/1000 lb		0.024 lb/1000 lb	0.016 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 428 - RUBBER TIRE MANUFACTURING (Continued)</u>									
<u>Subpart B - Newer Tire and Inner Tube Plants Subcategory</u>									
TSS	0.096 lb/1000 lb	0.064 lb/1000 lb		0.096 lb/1000 lb	0.064 lb/1000 lb		0.096 lb/1000 lb	0.064 lb/1000 lb	
Oil&Grease	0.024 lb/1000 lb	0.016 lb/1000 lb		0.024 lb/1000 lb	0.016 lb/1000 lb		0.024 lb/1000 lb	0.016 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		
<u>Subpart C - Emulsion Crumb Rubber Subcategory</u>									
COD	12.00 lb/1000 lb	8.00 lb/1000 lb		3.12 lb/1000 lb	2.08 lb/1000 lb		The following limitations constitute the quantity or quality of pollutants or pollutant properties which may be discharged reflecting the greatest degree of effluent reduction achievable through application of the best available demonstrated control technology, processes, operating methods, or other alternatives, including, where practicable, a standard permitting no discharge of pollutants by a new point source subject to the provisions of this subpart; the limitations shall be as specified in §428.32 (BPT).		
BOD	0.60 lb/1000 lb	0.40 lb/1000 lb		0.12 lb/1000 lb	0.08 lb/1000 lb				
TSS	0.98 lb/1000 lb	0.65 lb/1000 lb		0.24 lb/1000 lb	0.16 lb/1000 lb				
Oil&Grease	0.24 lb/1000 lb	0.16 lb/1000 lb		0.12 lb/1000 lb	0.08 lb/1000 lb				
pH	6.0 - 9.0			6.0 - 9.0					
<u>Subpart D - Solution Crumb Rubber Subcategory</u>									
COD	5.91 lb/1000 lb	3.94 lb/1000 lb		3.12 lb/1000 lb	2.08 lb/1000 lb		(See above except §428.42.BPT)		
BOD	0.60 lb/1000 lb	0.40 lb/1000 lb		0.12 lb/1000 lb	0.08 lb/1000 lb				
TSS	0.98 lb/1000 lb	0.65 lb/1000 lb		0.24 lb/1000 lb	0.16 lb/1000 lb				
Oil&Grease	0.24 lb/1000 lb	0.16 lb/1000 lb		0.12 lb/1000 lb	0.08 lb/1000 lb				
pH	6.0 - 9.0			6.0 - 9.0					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 428 - RUBBER TIRE MANUFACTURING (Continued)</u>						
<u>Subpart E - Latex Rubber Subcategory</u>						
COD	10.27 lb/1000 lb	6.85 lb/1000 lb	2.66 lb/1000 lb	1.78 lb/1000 lb	(See note on preceding page except§ 428.42 (BPT))	
BOD	0.51 lb/1000 lb	0.34 lb/1000 lb	0.11 lb/1000 lb	0.07 lb/1000 lb		
TSS	0.82 lb/1000 lb	0.55 lb/1000 lb	0.21 lb/1000 lb	0.14 lb/1000 lb		
Oil&Grease	0.21 lb/1000 lb	0.14 lb/1000 lb	0.11 lb/1000 lb	0.07 lb/1000 lb		
pH	6.0 - 9.0		6.0 - 9.0			

PART 429 - TIMBER PRODUCTSSubpart A - Barking Subcategory

- (a) There shall be no discharge of process waste water pollutants into navigable waters from barking processes exclusive of those which utilize hydraulic barkers.
- (b) The following limitations constitute the maximum permissible discharge for those barking processes which utilize hydraulic barkers:

BOD	0.09 lb/cu ft	0.03 lb/cu ft
TSS	0.431 lb/cu ft	0.144 lb/cu ft

There shall be no discharge of process waste water pollutants into navigable waters.

- (a) There shall be no discharge of process waste water pollutants into navigable waters from barking processes exclusive of those which utilize hydraulic barkers.
- (b) The following limitations constitute the maximum permissible discharge for those barking processes which utilize hydraulic barkers:

0.09 lb/cu ft	0.03 lb/cu ft
0.431 lb/cu ft	0.144 lb/cu ft.

Subpart B - Veneer Subcategory

- (a) There shall be no discharge of process waste water pollutants into navigable waters from veneer manufacturing processes exclusive of those softwood and hardwood veneer manufacturing

There shall be no discharge of process waste water pollutants into navigable waters.

There shall be no discharge of process waste water pollutants into navigable waters.

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 429 - TIMBER PRODUCTS (Continued)

Subpart B - Veneer Subcategory (Continued)

processes that use direct steaming for the conditioning of logs.

- (b) The following limitations constitute the maximum permissible discharge for softwood veneer manufacturing processes which used direct steaming for the conditioning of logs:

BOD 0.045 lb/cu ft 0.015 lb/cu ft -

- (c) The following limitations constitute the maximum permissible discharge for hardwood veneer manufacturing processes which use direct steaming for the conditioning of logs:

BOD 0.10 lb/cu ft 0.034 lb/cu ft

Subpart C - Plywood Subcategory

There shall be no discharge of process waste water pollutants into navigable waters.

There shall be no discharge of process waste water pollutants into navigable waters.

There shall be no discharge of process waste water pollutants into navigable waters.

Subpart D - Hardboard-Dry Process Subcategory

There shall be no discharge of process waste water pollutants into navigable waters.

There shall be no discharge of process waste water pollutants into navigable waters.

There shall be no discharge of process waste water pollutants into navigable waters.

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 429 - TIMBER PRODUCTS (Continued)</u>						
<u>Subpart E - Hardboard - Wet Process Subcategory</u>						
BOD	15.6 lb/ton	5.2 lb/ton	5.4 lb/ton	1.8 lb/ton	5.4 lb/ton	1.8 lb/ton
TSS	33.0 lb/ton	11.0 lb/ton	6.6 lb/ton	2.2 lb/ton	6.6 lb/ton	2.2 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart F - Wood Preserving Subcategory</u>						
	There shall be no discharge of process waste water pollutants into navigable waters.		There shall be no discharge of process waste water pollutants into navigable waters.		There shall be no discharge of process waste water pollutants into navigable waters.	
<u>Subpart G - Wood Preserving - Steam Subcategory</u>						
COD	68.5 lb/1000 cu ft	34.5 lb/1000 cu ft	13.7 lb/1000 cu ft	6.9 lb/1000 cu ft	13.7 lb/1000 cu ft	6.9 lb/1000 cu ft
Phenols	0.14 lb/1000 cu ft	0.04 lb/1000 cu ft	0.014 lb/1000 cu ft	0.004 lb/1000 cu ft	0.014 lb/1000 cu ft	0.004 lb/1000 cu ft
Oil&Grease	1.5 lb/1000 cu ft	0.75 lb/1000 cu ft	0.42 lb/1000 cu ft	0.21 lb/1000 cu ft	0.42 lb/1000 cu ft	0.21 lb/1000 cu ft
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
<u>Subpart H - Wood Preserving - Boultonizing Subcategory</u>						
	There shall be no discharge of process waste water pollutants into navigable waters.		There shall be no discharge of process waste water pollutants into navigable waters.		There shall be no discharge of process waste water pollutants into navigable waters.	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 430 - PULP, PAPER AND PAPERBOARD MILLS</u>						
<u>Subpart A - Unbleached Kraft Subcategory</u>						
BOD	8.0 lb/ton	4.4 lb/ton	5.0 lb/ton	.275 lb/ton	5.0 lb/ton	2.75 lb/ton
TSS	22.2 lb/ton	9.2 lb/ton	7.9 lb/ton	3.7 lb/ton	0.8 lb/ton	3.7 lb/ton
Color			30.0 lb/ton	20.0 lb/ton	30.0 lb/ton	20.0 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

*Additional allocations equal to the above guidelines, (excluding pH), are allowed during periods when the waste water temperature within the treatment system is 2°C (35°F) or lower. If 2°C which occurs in the waste water within the treatment system for one day or for 30 consecutive days, the allocation may be applied to the daily maximum and 30 day maximum guidelines, respectively.

An additional allocation to the above BOD guidelines of 0.1 lb/ton is allowed for mills practicing hydraulic debarking.

<u>Subpart B - Sodium Base Neutral Sulfite Semi-Chemical Subcategory</u>						
BOD	9.0 lb/ton	6.5 lb/ton	4.2 lb/ton	3.0 lb/ton	4.2 lb/ton	3.0 lb/ton
TSS	17.0 lb/ton	10.0 lb/ton	9.0 lb/ton	4.0 lb/ton	9.0 lb/ton	4.0 lb/ton
Color			Maximum average of daily values, expressed in lb/ton of product shall achieve 75% removal for any period of thirty consecutive days.			
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
	*See note above.					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u> <u>30 Day</u>	<u>Daily</u>	<u>BAT</u> <u>30 Day</u>	<u>Daily</u>	<u>New Sources</u> <u>30 Day</u>
<u>PART 430 - PULP, PAPER AND PAPERBOARD MILLS</u>						
<u>Subpart C - Ammonia Base Neutral Sulfite Semi-Chemical Subcategory</u>						
BOD	17.5 lb/ton	10.5 lb/ton	11.75 lb/ton	7.0 lb/ton	11.75 lb/ton	7.0 lb/ton
TSS	17.0 lb/ton	10.0 lb/ton	9.0 lb/ton	4.0 lb/ton	9.0 lb/ton	4.0 lb/ton
Color	Maximum average of daily values, expressed in lb/ton, shall achieve 75 percent removal for any period of thirty consecutive days.					
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	
Additional allocations equal to the above guidelines, (excluding pH), are allowed during water temperature within the treatment system is 2°C (35°F) or lower. If 2°C (35°F) is the maximum temperature which occurs in the waste water within the treatment system for one day or for 30 consecutive days, the allocation may be applied to the daily maximum and 30 day maximum guidelines, respectively.						
An additional allocation to the above BOD guidelines of 0.1 lb/ton is allowed for mills practicing hydraulic debarking.						
<u>Subpart D - Unbleached Kraft - Neutral Sulfite Semi-Chemical (Cross Recovery) Subcategory</u>						
BOD	12.7 lb/ton	6.1 lb/ton	5.9 lb/ton	3.0 lb/ton	5.9 lb/ton	3.0 lb/ton
TSS	25.0 lb/ton	10.6 lb/ton	10.0 lb/ton	4.2 lb/ton	10.0 lb/ton	4.2 lb/ton
Color			30.0 lb/ton	20.0 lb/ton	30.0 lb/ton	20.0 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
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PART 430 - PULP, PAPER AND PAPERBOARD MILLS

Subpart D - Unbleached Kraft - Neutral Sulfite Semi-Chemical (Cross Recovery) Subcategory (Continued)

Additional allocations equal to the above guidelines, (excluding pH), are allowed during periods when the waste water temperature within the treatment system is 2°C (35°F) or lower. If 2°C (35°F) is the maximum temperature which occurs in the waste water within the treatment system for one day or for 30 consecutive days, the allocation may be applied to the daily maximum and 30 day maximum guidelines, respectively.

An additional allocation to the above BOD guidelines of 0.1 lb/ton is allowed for mills practicing hydraulic debarking.

Subpart E - Paperboard From Waste Paper Subcategory

BOD	4.4 lb/ton	2.5 lb/ton	2.5 lb/ton	1.3 lb/ton	2.5 lb/ton	1.3 lb/ton
TSS	5.6 lb/ton	3.0 lb/ton	2.2 lb/ton	1.2 lb/ton	2.2 lb/ton	1.5 lb/ton
pH	6.0 - 9.0		6.0 - 9.0		6.0 - 9.0	

Additional allocations equal to the above guidelines, (excluding pH), are allowed during periods when the waste water temperature within the treatment system is 2°C (35°F) or lower. If 2°C (35°F) is the maximum temperature which occurs in the waste water within the treatment system for one day or for 30 consecutive days, the allocation may be applied to the daily maximum and 30 day maximum guidelines, respectively.

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 431 - BUILDERS PAPER AND BOARD MANUFACTURING</u>									
<u>Subpart A - Builders Paper and Roofing Felt Subcategory</u>									
BOD	7.5 lb/ton	5.0 lb/ton	2.8 lb/ton		2.0 lb/ton		2.8 lb/ton		2.0 lb/ton
TSS	7.8 lb/ton	5.0 lb/ton	3.1 lb/ton		2.0 lb/ton		3.1 lb/ton		2.0 lb/ton
pH	6.0 - 9.0			6.0 - 9.0			6.0 - 9.0		

Additional allocations equal to the above guidelines (excluding pH), are allowed during periods when the waste water temperature within the treatment system is 2°C (35°F) or lower. If 2°C (35°F) is the maximum temperature which occurs in the waste water within the treatment system for one day or for 30 consecutive days, the allocation may be applied to the daily maximum and 30 day maximum guidelines, respectively.

PART 432 - MEAT PRODUCTS

<u>Subpart A - Simple Slaughterhouse Subcategory</u>									
BOD	0.13 lb/1000 lb	0.08 lb/1000 lb	0.05 lb/1000 lb		0.03 lb/1000 lb		The following pollutants may be discharged in quantities, as shown below, in addition to those listed under BPT:		
TSS	0.30 lb/1000 lb	0.18 lb/1000 lb	0.083 lb/1000 lb		0.05 lb/1000 lb				
Ammonia			6.5 mg/l max.		4.0 mg/l max.				
Oil&Grease	10 mg/l max.			10 mg/l max.					
pH	6.0 - 9.0			6.0 - 9.0					
Nitrates							8.3 mg/l		5.0 mg/l
Fecal Coliform	400 counts/100 ml max.			400 counts/100 ml max.					
Phosphorus							0.05 lb/1000 lb		0.03 lb/1000 lb

If plants process hides from other plants in addition to its own, add:

BOD	0.033 lb/1000 lb	0.02 lb/1000 lb
TSS	0.066 lb/1000 lb	0.04 lb/1000 lb

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 432 - MEAT PRODUCTS (Continued)</u>									
<u>Subpart A - Simple Slaughterhouse Subcategory (Continued)</u>									
<u>If plants process blood from other plants in addition to its own, add:</u>									
BOD	0.033 lb/1000 lb	0.02 lb/1000 lb	0.012 lb/1000 lb	0.07 lb/1000 lb					
TSS	0.066 lb/1000 lb	0.04 lb/1000 lb	0.022 lb/1000 lb	0.013 lb/1000 lb					
Ammonia							0.05 lb/1000 lb	0.03 lb/1000 lb	
<u>If plants employ wet or low-temperature rendering of material from plants in addition to its own, add:</u>									
BOD	0.05 lb/1000 lb	0.03 lb/1000 lb	0.017 lb/1000 lb	0.01 lb/1000 lb					
TSS	0.10 lb/1000 lb	0.06 lb/1000 lb	0.033 lb/1000 lb	0.02 lb/1000 lb					
Ammonia							0.083 lb/1000 lb	0.05 lb/1000 lb	
<u>If plants employ dry rendering of material from other plants in addition to its own, add:</u>									
BOD	0.017 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb	0.003 lb/1000 lb					
TSS	0.033 lb/1000 lb	0.02 lb/1000 lb	0.012 lb/1000 lb	0.007 lb/1000 lb					
Ammonia							0.033 lb/1000 lb	0.02 lb/1000 lb	
<u>Subpart B - Complex Slaughterhouse Subcategory</u>									
BOD	0.28 lb/1000 lb	0.17 lb/1000 lb	0.065 lb/1000 lb	0.04 lb/1000 lb	The following pollutants may be discharged in quantities, as shown below, in addition to those listed under BPT:				
TSS	0.36 lb/1000 lb	0.22 lb/1000 lb	0.12 lb/1000 lb	0.07 lb/1000 lb					
Ammonia			6.5 mg/l	4.0 mg/l					
Oil&Grease	10 mg/l max.			10 mg/l max.					
pH	6.0 - 9.0			6.0 - 9.0					

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 432 - MEAT PRODUCTS (Continued)</u>									
<u>Subpart B - Complex Slaughterhouse Subcategory (Continued)</u>									
Nitrates							8.3 mg/l	5.0 mg/l	
Fecal Coliform	Max. at any time, 400 counts/100 ml			Max. at any time, 400 counts/100 ml					
Phosphorus							0.12 lb/1000 lb	0.07 lb/1000 lb	
<u>If plants process hides from other plants in addition to its own, add:</u>									
BOD	0.033 lb/1000 lb		0.02 lb/1000 lb						
TSS	0.066 lb/1000 lb		0.04 lb/1000 lb						
<u>If plants process blood from other plants in addition to its own, add:</u>									
BOD	0.033 lb/1000 lb		0.02 lb/1000 lb	0.012 lb/1000 lb		0.007 lb/1000 lb			
TSS	0.066 lb/1000 lb		0.04 lb/1000 lb	0.022 lb/1000 lb		0.013 lb/1000 lb			
Ammonia							0.05 lb/1000 lb	0.03 lb/1000 lb	
<u>If plants employ wet or low-temperature rendering of material from plants in addition to its own, add:</u>									
BOD	0.05 lb/1000 lb		0.03 lb/1000 lb	0.017 lb/1000 lb		0.01 lb/1000 lb			
TSS	0.10 lb/1000 lb		0.06 lb/1000 lb	0.033 lb/1000 lb		0.02 lb/1000 lb			
Ammonia							0.083 lb/1000 lb	0.05 lb/1000 lb	
<u>If plants employ dry rendering of material from other plants in addition to its own, add:</u>									
BOD	0.017 lb/1000 lb		0.01 lb/1000 lb	0.005 lb/1000 lb		0.003 lb/1000 lb			
TSS	0.033 lb/1000 lb		0.02 lb/1000 lb	0.012 lb/1000 lb		0.007 lb/1000 lb			
Ammonia							0.033 lb/1000 lb	0.02 lb/1000 lb	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 432 - MEAT PRODUCTS (Continued)</u>									
<u>Subpart C - Low Processing Packinghouse Subcategory</u>									
BOD	0.20 lb/1000 lb	0.12 lb/1000 lb		0.065 lb/1000 lb	0.04 lb/1000 lb		The following pollutants may be discharged in quantities, as shown below, in addition to those listed under BPT:		
TSS	0.33 lb/1000 lb	0.20 lb/1000 lb		0.10 lb/1000 lb	0.06 lb/1000 lb				
Ammonia				6.5 mg/l	4.0 mg/l				
Oil&Grease	Max. at any time, 10 mg/l			Max. at any time, 10 mg/l			0.40 lb/1000 lb	0.24 lb/1000 lb	
pH	6.0 - 9.0			6.0 - 9.0					
Nitrates							8.3 mg/l	5.0 mg/l	
Fecal Coliform				Max. at any time, 400 counts/100 ml					
Phosphorus							0.12 lb/1000 lb	0.07 lb/1000 lb	
<u>If plants process hides from other plants in addition to its own, add:</u>									
BOD	0.033 lb/1000 lb	0.02 lb/1000 lb							
TSS	0.066 lb/1000 lb	0.04 lb/1000 lb							
<u>If plants process blood from other plants in addition to its own, add:</u>									
BOD	0.033 lb/1000 lb	0.02 lb/1000 lb		0.012 lb/1000 lb	0.007 lb/1000 lb				
TSS	0.066 lb/1000 lb	0.04 lb/1000 lb		0.022 lb/1000 lb	0.013 lb/1000 lb				
Ammonia							0.05 lb/1000 lb	0.03 lb/1000 lb	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 432 - MEAT PRODUCTS (Continued)</u>									
<u>Subpart C - Low Processing Packinghouse Subcategory (Continued)</u>									
<u>If plants employ wet or low-temperature rendering of material from plants in addition to its own, add:</u>									
BOD	0.05 lb/1000 lb	0.03 lb/1000 lb	0.017 lb/1000 lb	0.01 lb/1000 lb					
TSS	0.10 lb/1000 lb	0.06 lb/1000 lb	0.033 lb/1000 lb	0.02 lb/1000 lb					
Ammonia							0.083 lb/1000 lb	0.05 lb/1000 lb	
<u>If plants employ dry rendering of material from other plants in addition to its own, add:</u>									
BOD	0.017 lb/1000 lb	0.01 lb/1000 lb	0.005 lb/1000 lb	0.003 lb/1000 lb					
TSS	0.033 lb/1000 lb	0.02 lb/1000 lb	0.012 lb/1000 lb	0.007 lb/1000 lb					
Ammonia							0.033 lb/1000 lb	0.02 lb/1000 lb	
<u>Subpart D - High Processing Packinghouse Subcategory</u>									
BOD	0.40 lb/1000 lb	0.24 lb/1000 lb	0.13 lb/1000 lb	0.08 lb/1000 lb			The following pollutants may be discharged in quantities, as shown below, in addition to those listed under BPT:		
TSS	0.51 lb/1000 lb	0.31 lb/1000 lb	0.166 lb/1000 lb	0.10 lb/1000 lb					
Ammonia			6.5 mg/l	4.0 mg/l					
Oil&Grease	Max. at any time, 10 mg/l		Max. at any time, 10 mg/l						
pH	6.0 - 9.0		6.0 - 9.0						
Nitrates							8.3 mg/l	5.0 mg/l	
Fecal Coliform	Max. at any time, 400 counts/100 ml		Max. at any time, 400 counts/100 ml						
Phosphorus							0.18 lb/1000 lb	0.11 lb/1000 lb	

<u>Parameter</u>	<u>Daily</u>	<u>BPT</u>	<u>30 Day</u>	<u>Daily</u>	<u>BAT</u>	<u>30 Day</u>	<u>Daily</u>	<u>New Sources</u>	<u>30 Day</u>
<u>PART 432 - MEAT PRODUCTS (Continued)</u>									
<u>Subpart D - High Processing Packinghouse Subcategory (Continued)</u>									
<u>If plants process hides from other plants in addition to its own, add:</u>									
BOD	0.033 lb/1000 lb		0.02 lb/1000 lb						
TSS	0.066 lb/1000 lb		0.04 lb/1000 lb						
<u>If plants process blood from other plants in addition to its own, add:</u>									
BOD	0.033 lb/1000 lb		0.02 lb/1000 lb	0.012 lb/1000 lb		0.007 lb/1000 lb			
TSS	0.066 lb/1000 lb		0.04 lb/1000 lb	0.022 lb/1000 lb		0.013 lb/1000 lb			
Ammonia							0.05 lb/1000 lb		0.03 lb/1000 lb
<u>If plants employ wet or low-temperature rendering of material from plants in addition to its own, add:</u>									
BOD	0.05 lb/1000 lb		0.03 lb/1000 lb	0.017 lb/1000 lb		0.01 lb/1000 lb			
TSS	0.10 lb/1000 lb		0.06 lb/1000 lb	0.033 lb/1000 lb		0.02 lb/1000 lb			
Ammonia							0.083 lb/1000 lb		0.05 lb/1000 lb
<u>If plants employ dry rendering of material from other plants in addition to its own, add:</u>									
BOD	0.017 lb/1000 lb		0.01 lb/1000 lb	0.005 lb/1000 lb		0.003 lb/1000 lb			
TSS	0.033 lb/1000 lb		0.02 lb/1000 lb	0.012 lb/1000 lb		0.007 lb/1000 lb			
Ammonia							0.033 lb/1000 lb		0.02 lb/1000 lb