

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 52107

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
81	Disinfection Tank	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01
201	Headworks	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	1.19	1.43
110	Primary Clarifier			
		Before March 1, 2007		
		PM	0.06	0.08
		POM	1.33	1.70
		HCN	2.36	2.98
		NH <sub>3</sub>	24.72	31.11
		H <sub>2</sub> S	0.01	0.01
		VOC	107.46	129.40
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
111	First Step Aeration Tank After March 1, 2007	PM	0.02	0.03
		POM	0.04	0.06
		HCN	0.41	0.52
		NH <sub>3</sub>	0.61	0.76
		H <sub>2</sub> S	0.02	0.03
		VOC	95.68	116.92
	Primary Clarifier Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.01	0.01
		NH <sub>3</sub>	0.04	0.04
		H <sub>2</sub> S	0.01	0.01
		VOC	4.34	7.12
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	4.46	7.26
	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	4.46	7.26

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
231	Feed Tank T-231			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.49	0.62
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.68	0.84
	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.03	0.03
	Maintenance Scenario 6 (4)	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.68	0.84

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	Before March 1, 2007	PM	0.03	0.04
		POM	0.25	0.32
		HCN	3.49	4.39
		NH <sub>3</sub>	0.29	0.37
		H <sub>2</sub> S	0.01	0.01
		VOC	129.83	158.52
	Construction	PM	0.03	0.04
		POM	0.20	0.25
		HCN	1.19	3.16
		NH <sub>3</sub>	0.12	0.15
		H <sub>2</sub> S	0.07	0.09
		VOC	129.83	158.52
	After March 1, 2007	PM	0.02	0.03
		POM	0.02	0.02
		HCN	1.19	1.49
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.01
		VOC	17.74	24.20
	Maintenance Scenario 6 (4)	PM	0.03	0.04
		POM	0.20	0.25
		HCN	1.19	3.16
		NH <sub>3</sub>	0.12	0.15
		H <sub>2</sub> S	0.07	0.09
		VOC	112.49	135.21

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
320	Aeration Tank			
		Before March 1, 2007		
		PM	0.03	0.04
		POM	0.25	0.32
		HCN	3.48	4.37
		NH <sub>3</sub>	0.29	0.37
		H <sub>2</sub> S	0.01	0.01
		VOC	126.54	158.23
	Construction	PM	0.03	0.03
		POM	0.20	0.25
		HCN	1.18	3.15
		NH <sub>3</sub>	0.12	0.15
		H <sub>2</sub> S	0.07	0.09
		VOC	126.54	158.23
	After March 1, 2007	PM	0.02	0.03
		POM	0.02	0.02
		HCN	1.18	1.49
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.01
		VOC 17.68	24.13	
	Maintenance Scenario 6	PM	0.03	0.03
		POM	0.20	0.25
		HCN	1.18	3.15
		NH <sub>3</sub>	0.12	0.15
		H <sub>2</sub> S	0.07	0.09
		VOC	112.32	134.99
421	Aeration Tank			
		Before March 1, 2007		
		PM	0.03	0.04
		POM	0.25	0.31
		HCN	1.65	4.40
		NH <sub>3</sub>	0.27	0.35
		H <sub>2</sub> S	0.01	0.01
		VOC	129.97	158.68

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	Construction	PM	0.03	0.04
		POM	0.20	0.25
		HCN	1.19	3.17
		NH <sub>3</sub>	0.12	0.15
		H <sub>2</sub> S	0.07	0.09
		VOC	129.97	158.68
	After March 1, 2007	PM	0.02	0.03
		POM	0.02	0.02
		HCN	0.56	1.49
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.01
		VOC	17.78	24.26
	Maintenance Scenario 6	PM	0.03	0.04
		POM	0.20	0.25
		HCN	1.19	3.17
		NH <sub>3</sub>	0.12	0.15
		H <sub>2</sub> S	0.07	0.09
		VOC	112.60	135.35
316	Secondary Clarifier			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.29	0.36
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	3.41	4.97
	Construction	PM	0.01	0.01
		POM	0.01	0.02
		HCN	0.10	0.26
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.02
		VOC	2.62	3.70

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
317	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.10	0.13
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.89	1.39
	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.02
		HCN	0.10	0.26
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.02
		VOC	2.62	3.70
	Secondary Clarifier			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.04
		HCN	0.29	0.49
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	4.56	6.59
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.10	0.26
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.02
		VOC	2.62	3.70
	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.10	0.17
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	1.19	1.85



EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
430	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.10	0.26
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.02
		VOC	2.62	3.70
	Secondary Clarifier			
		Before March 1, 2007		
		PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.05	0.13
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	1.06	1.62
	Construction			
		PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18
	After March 1, 2007			
		PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.02	0.05
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.30	0.49
440	Maintenance Scenario 6			
		PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18
	Secondary Clarifier			

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.05	0.13
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	1.06	1.62
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18
	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.02	0.05
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.3	0.49
	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18
450	Secondary Clarifier			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.05	0.13
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	1.06	1.62
	Construction	PM	0.01	0.01

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18
	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.02	0.05
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.30	0.49
	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18
460	Secondary Clarifier			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.05	0.13
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	1.06	1.62
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
326	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.02	0.04
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.30	0.49
	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.04	0.09
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.79	1.18
	Stilling Well			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.02	0.03
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.02	0.02
	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.02	0.02
MH7	Effluent Wet Well			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01
	Construction and After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01
MH7A	Effluent Wet Well			
		PM	0.01	
		POM	0.02	0.02
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01



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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
MH7B	Effluent Wet Well			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.02
	Construction and After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01
700	Sludge Blend Tank	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.01	0.01
		NH <sub>3</sub>	0.02	0.02
		H <sub>2</sub> S	0.01	0.01
		VOC	0.24	0.31
BPB	Belt Press Building			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.02	0.02
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.62	1.14
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	After March 1, 2007	H <sub>2</sub> S	0.01	0.01
		VOC	0.67	1.18
		PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.62	1.13
	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.67	1.18
Total Manhole Emissions (MH1, MH2, MH4, MH5, MH6, MH8, MH11, MH11A, MH16, MH19, MH21, MH2 LOAD)		PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
	VOC	0.01	0.01	
GT	Gasoline Tank	VOC	0.40	0.50
DT	Diesel Tank	VOC	0.01	0.01
761	Polymer Mix Tank	VOC	0.01	0.01
762	Polymer Feed Tank	VOC	0.01	0.01
518	Thickener			

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### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	Before March 1, 2007	PM	0.01	0.02
		POM	0.01	0.03
		HCN	0.03	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	1.30
		VOC	0.01	0.01
	Construction and After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01
	Maintenance Scenario 6	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.02
760	TANK T-760 Ferric sulfate	VOC	0.01	0.01
91	TANK T-91 Ferric sulfate	VOC	0.01	0.01
92	TANK T-92 Ferric Sulfate	VOC	0.01	0.01
82	TANK T-82 Sulfuric Acid	VOC	0.01	0.01
84	TANK T-84 Sulfuric Acid	VOC	0.01	0.01
89	TANK T-89 Sulfuric Acid	VOC	0.01	0.01
80	TANK T-80 Caustic	VOC	0.01	0.01
83	TANK T-83 >22% Sulfuric Acid	VOC	0.01	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
85	TANK T-85 > 22% Sulfuric Acid	VOC	0.01	0.01
86	TANK T-86 >22% Sulfuric Acid	VOC	0.01	0.01
87	TANK T-87 >22% Sulfuric Acid	VOC	0.01	0.01
88	TANK T-88 Spent Caustic	VOC	0.01	0.01
220	TANK T-220 Aqueous Ammonia Salt	NH <sub>3</sub>	0.01	0.01
270	TANK T-270 Phosphoric Acid	VOC	0.01	0.01
260	TANK T-260 Phosphoric Acid (installed spare)	VOC	0.01	0.01
841	TANK T-841 Non-Potable Water	VOC	0.01	0.01
150	TANK T-150 Phosphoric Acid	VOC	0.01	0.01
UOT	USED OIL TANK	VOC	0.01	0.01
UOS	USED OIL SINK	VOC	0.01	0.01
GBOD	GEAR BOX OIL DISPENSING	VOC	0.01	0.01
UGBO	USED GEAR BOX OIL	VOC	0.01	0.01
DEG	DEGREASER	VOC	0.12	0.15
CAB-BLAST	BLAST CABINET	PM	0.01	0.01

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
Grit-1	Grit Dewatering	PM	0.01	0.01
		VOC	0.01	0.01
Grit-2	Grit Pad	PM	0.01	0.01
		VOC	0.01	0.01
112	Primary Clarifier Scum Tank T-112			
	Before March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.02
		NH <sub>3</sub>	0.01	0.02
		H <sub>2</sub> S	0.02	0.01
		VOC	0.07	0.08
	Construction	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01
	After March 1, 2007	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.06	0.07
113	Primary Clarifier Scum Tank T-113	PM	0.01	0.01
		POM	0.01	0.01
		HCN	0.01	0.01
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
		VOC	0.01	0.01
T-130	Oil Skimming			

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	Before March 1, 2007	VOC	0.33	1.44
	Construction	VOC	0.01	0.01
	TANK T-130			
	Aqueous Ammonia Salt	VOC	0.01	0.01
	After March 1, 2007	NH <sub>3</sub>	0.01	0.01
T-131	Decant Tank	VOC	0.01	0.01
DPMP	Diesel Pump	NO <sub>x</sub>	6.2	0.13
		CO	1.34	0.03
		SO <sub>2</sub>	0.41	0.01
		PM <sub>10</sub>	0.44	0.01
		VOC	0.10	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
 POM - particulate organic matter  
 HCN - hydrogen cyanide  
 NH<sub>3</sub> - ammonia  
 H<sub>2</sub>S - hydrogen sulfide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Maintenance Scenario 6 - occurs when First Step Aeration Tank (EPN 110) is under maintenance and wastewater flow is diverted to MH4 to bypass EPN 110 as represented in permit supporting documents dated January 19, 2005.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated August 23, 2005