

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19921

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 *	
			lbs/hr	TPY**
E19AST	Activated Sludge Tanks	VOC	0.17	0.09
		NH <sub>3</sub>	<0.01	<0.01
E19CLA	Clarifiers	VOC	0.08	0.03
		NH <sub>3</sub>	<0.01	<0.01
E19ME788	Drying Bed	VOC	<0.01	<0.01
E19ME798	API Separator	VOC	<0.01	<0.01
E19R766	Grit Chamber	VOC	0.04	0.09
		NH <sub>3</sub>	<0.01	0.03
E19R774	Caustic Retention Tank	VOC	0.42	1.37
		NH <sub>3</sub>	0.19	0.65
E19R775	Low Organics Tank	VOC	5.59	4.65
		NH <sub>3</sub>	0.34	0.27
E19R776	Neutralization Tanks	VOC	0.03	0.13
		NH <sub>3</sub>	<0.01	0.02
E19R777	Equalization Tank	VOC	2.27	6.67
		NH <sub>3</sub>	0.79	2.72
E19R778	High Organics Tank	VOC	0.38	0.29
		NH <sub>3</sub>	0.13	0.04
E19R779	Stormwater Retention Tank	VOC	0.09	0.24
		NH <sub>3</sub>	0.02	0.07

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lbs/hr	TPY**
E19R782	Sludge Digestion Tanks	VOC	<0.01	<0.01
CWFSUMP	CWF Sump	VOC	0.01	0.01
KSUMP	K-Plant Sump	chlorobenzene	0.009	0.008
		methanol	0.08	0.07
LSUMP	L-Plant Sump	chlorobenzene	0.006	0.005
		methanol	0.05	0.04
MSUMP	M-Plant Sump	chlorobenzene	0.006	0.005
		methanol	0.05	0.04
KTRENCH	K-Plant Trench	chlorobenzene	0.093	0.081
		methanol	0.75	0.66
LTRENCH	L-Plant Trench	chlorobenzene	0.09	0.077
		methanol	0.65	0.572
MTRENCH	M-Plant Trench	chlorobenzene	0.09	0.077
		methanol	0.65	0.572

## MAINTENANCE EMISSIONS

KSUMP-M	K-Plant Sump Maintenance	NH <sub>3</sub>	0.06	0.24
LSUMP-M	L-Plant Sump Maintenance	NH <sub>3</sub>	0.03	0.13
MSUMP-M	M-Plant Sump Maintenance	NH <sub>3</sub>	0.04	0.18
KTREN-M	K-Plant Trench Maintenance	NH <sub>3</sub>	1.54	0.02
LTREN-M	L-Plant Trench Maintenance	NH <sub>3</sub>	1.07	0.01
MTREN-M	M-Plant Trench Maintenance	NH <sub>3</sub>	1.38	0.02

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NH<sub>3</sub> - ammonia

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

\_\_\_\_\_ Hrs/day \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year or 8,760 Hrs/year

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

Dated July 8, 2002