

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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)	<u>Emission Rates *</u>	
			lbs/hr	TPY
TKR766	Grit Chamber	VOC	0.046	0.20
		MeCl	0.001	0.006
		NH ₃	0.001	0.004
TKR774	Caustic Retention Tank	VOC	0.41	1.8
		MeCl	0.013	0.056
		NH ₃	0.008	0.037
TKR777	Equalization Tank	VOC	6.8	29.6
		MeCl	0.093	0.41
		NH ₃	0.35	1.55
TKAST	Activated Sludge Tanks	VOC	0.66	2.9
		MeCl	0.23	1.02
		NH ₃	0.007	0.031
TKCLA	Clarifiers	VOC	0.1	0.44
		MeCl	0.04	0.17
TKME798	API Separator	VOC		<0.01
TKR776	Neutralization Tanks	VOC		<0.01
TKERT	Emergency Retention Tanks R-775, R-778, and R-779	VOC	7.90	15.20
		NH ₃	2.00	2.00
TKR782	Sludge Digestion Tanks	VOC		<0.01
TKME788	Drying Bed	VOC		<0.01

KSUMP	K-Plant Sump	VOC	0.089	0.078
LSUMP	L-Plant Sump	VOC	0.056	0.045
MSUMP	M-Plant Sump	VOC	0.056	0.045

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lbs/hr	TPY
KTRENCH	K-Plant Trench	VOCVOC	0.84	0.74
LTRENCH	L-Plant Trench	VOC	0.74	0.65
MTRENCH	M-Plant Trench	VOC	0.74	0.65
CWFSUMP	CWF Sump	VOC	<0.01	<0.01
RW-142	Recovery Well	VOC	<0.01	<0.01
RW-145	Recovery Well	VOC	<0.01	<0.01
RW-148	Recovery Well	VOC	<0.01	<0.01
RW-149	Recovery Well	VOC	<0.01	<0.01
RW-165	Recovery Well	VOC	<0.01	<0.01

- (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 General Rule 101.1
MeCl - Methylene chloride
NH₃ - Ammonia

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year _____

Dated_____