

AIR RELEASE SUMMARY
SARA 313

CHEMICAL	RELEASE, LBS/YR									
	PONCA CITY		LAKE CHARLES		DENVER		BILLINGS		SANTA MARIA	
	NON-PT	POINT	NON-PT	POINT	NON-PT	POINT	NON-PT	POINT	NON-PT	POINT
Aluminum Oxide	NA	520000	NA	42000	NA	150000	NA	130000	-	-
Amonia	1500	3600	3200	NA	-	-	-	-	-	-
Benzene	13000	23000	10000	1600	<999	<499	4700	1100	<499	<499
Biphenyl	2400	<499	<499	<499	<499	<499	<499	<499	-	-
1,3 Butadiene	<999	<499	<499	NA	<499	NA	<499	NA	-	-
Carbon Tetrachloride	1200	NA	-	-	-	-	<999	NA	-	-
Chlorine	3400	NA	2000	NA	<499	NA	<499	NA	-	-
Chromium	NA	NA	-	-	-	-	-	-	-	-
Cobalt	-	-	<499	NA	-	-	-	-	-	-
Cresol	<999	<499	<499	<499	-	-	-	-	-	-
Cumene	5100	<999	2400	<499	<499	<499	3200	<499	-	-
Cyclohexane	38000	18000	11000	2400	4800	<999	9600	<999	2000	<499
Diethanolamine	1400	NA	-	-	-	-	1400	NA	-	-
Ethyl Benzene	16000	3400	4500	<499	1900	<499	6300	<499	<999	<499
Ethylene	21000	NA	7800	NA	10000	<499	29000	NA	-	-
Hydrochloric Acid	-	-	<499	<499	-	-	-	-	<999	0
Hydrogen Fluoride	16000	0	-	-	-	-	9000	0	-	-
Manganese	<499	0	<499	0	-	-	-	-	-	-
Methanol	4400	<499	1800	1200	-	-	-	-	-	-
2 Methoxy Ethanol	3100	<499	-	-	2900	<499	-	-	-	-
Methylene Chloride	-	-	-	-	<499	<499	-	-	-	-
Methylethyl Ketone	8500	<499	-	-	-	-	-	-	-	-
MTBE	1200	4200	-	-	<499	3000	-	-	-	-
Molybdenum Trioxide	<499	NA	<499	NA	<499	NA	<499	NA	-	-
Naphthalene	6500	<999	5700	1400	2400	<499	5600	<499	1600	<499
Nickel	<499	NA	<499	NA	-	-	-	-	-	-
Phenol	4500	<499	<999	<499	-	-	-	-	-	-
Phosphoric Acid	NA	NA	NA	NA	2600	NA	-	-	-	-
Propylene	110000	NA	63000	NA	17000	NA	51000	NA	-	-
Sodium Hydroxide	0	0	0	0	0	0	0	0	0	0
Sodium Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	4000	<999	2000	<499	<499	<499	2300	<499	-	-
Sulfuric Acid	<499	0	<499	0	<499	0	<499	0	-	-
Titanium Dioxide	NA	17000	NA	1800	NA	6700	NA	5200	-	-
Toluene	60000	30000	26000	1900	8800	<499	17000	1000	<999	<499
1,1,1 Trichloroethane	2700	NA	2500	NA	-	-	-	-	-	-
1,2,4 Trimethylbenzene	16000	<999	4700	<499	<499	<499	4400	<499	-	-
Xylenes	49000	18000	24000	<999	9900	<499	33000	<999	<999	<499

NA = Release is not applicable
- = Chemical is not reportable

MCD 000015982

WATER RELEASE SUMMARY
SARA 313

CHEMICAL	RELEASE, LBS/YR				
	PONCA CITY	LAKE CHARLES	DENVER	BILLINGS	SANTA MARIA
Aluminum Oxide	NA	NA	NA	NA	-
Amonia	<499	4300	-	-	-
Benzene	<499	<499	<499	<499	NA
Biphenyl	<499	<499	<499	<499	-
1,3 Butadiene	NA	NA	NA	NA	-
Carbon Tetrachloride	<499	-	-	<499	-
Chlorine	NA	NA	NA	NA	-
Chromium	<999	-	-	-	-
Cobalt	-	<499	-	-	-
Cresol	<499	<499	-	-	-
Cumene	<499	<499	<499	<499	-
Cyclohexane	<499	<499	<499	<499	NA
Diethanolamine	<499	-	-	<499	-
Ethyl Benzene	<499	<499	<499	<499	NA
Ethylene	NA	NA	NA	NA	-
Hydrochloric Acid	-	0	-	-	NA
Hydrogen Fluoride	0	-	-	0	-
Manganese	<499	<499	-	-	-
Methanol	0	0	-	-	-
2 Methoxy Ethanol	<499	-	<499	-	-
Methylene Chloride	-	-	<499	-	-
Methylethyl Ketone	<499	-	-	-	-
MTBE	<499	-	<499	-	-
Molybdenum Trioxide	<499	<499	<499	<499	-
Naphthalene	<499	<499	<499	<499	-
Nickel	<499	<499	-	-	-
Phenol	<499	<999	-	-	-
Phosphoric Acid	0	0	0	0	-
Propylene	NA	NA	NA	NA	-
Sodium Hydroxide	0	0	0	0	NA
Sodium Sulfate	2100000	880000	420000	150000	NA
Styrene	<499	<499	<499	<499	-
Sulfuric Acid	0	0	0	0	-
Titanium Dioxide	NA	NA	NA	NA	-
Toluene	<499	<499	<499	<499	NA
1,1,1 Trichloroethane	<499	<499	-	-	-
1,2,4 Trimethylbenzene	1200	<499	<499	<499	-
Xylenes	<999	<499	<499	<499	NA

NA = Release is not applicable
- = Chemical is not reportable

MCD 000015983

LAND RELEASE SUMMARY
SARA 313

CHEMICAL	RELEASE, LBS/YR									
	PONCA CITY		LAKE CHARLES		DENVER		BILLINGS		SANTA MARIA	
	ON-SITE	OFF-SITE	ON-SITE	OFF-SITE	ON-SITE	OFF-SITE	ON-SITE	OFF-SITE	ON-SITE	OFF-SITE
Aluminum Oxide	NA	440000 LF	NA	910000 LF	NA	470000 LF	640000 LF	NA	-	-
Asosnia	NA	NA	NA	NA	-	-	-	-	-	-
Benzene	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	NA	<499 DW
Biphenyl	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	-	-
1,3 Butadiene	NA	NA	NA	NA	NA	NA	NA	NA	-	-
Carbon Tetrachloride	<499 I	NA	-	-	-	-	NA	<499 LT	-	-
Chlorine	NA	NA	NA	NA	NA	NA	NA	NA	-	-
Chromium	9900 I/LT	NA	-	-	-	-	-	-	-	-
Cobalt	-	-	<499 LT	2400 LF	-	-	-	-	-	-
Cresol	<499 I	NA	0 LT	NA	-	-	-	-	-	-
Cuene	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	-	-
Cyclohexane	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	NA	<499 DW
Diethanolamine	<499 I	46000 DW	-	-	-	-	NA	<499 LT	-	-
Ethyl Benzene	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	NA	<499 DW
Ethylene	NA	NA	NA	NA	NA	NA	NA	NA	-	-
Hydrochloric Acid	-	NA	NA	NA	-	-	-	-	NA	NA
Hydrogen Fluoride	0 I	NA	-	-	-	-	NA	0 LF	-	-
Manganese	<499 I/LT	NA	<499 LT	NA	-	-	-	-	-	-
Methanol	<499 I	NA	0 LT	NA	-	-	-	-	-	-
2 Methoxy Ethanol	<499 I	NA	-	-	NA	<499 LF/LT	-	-	-	-
Methylene Chloride	-	-	-	-	NA	<499 LF/LT	-	-	-	-
Methylethyl Ketone	<499 I	NA	-	-	-	-	-	-	-	-
MTBE	NA	NA	-	-	NA	NA	-	-	-	-
Molybdenum Trioxide	<499 I/LT	NA	<499 LT	35000 LF	NA	<499 LF/LT	NA	<499 LT	-	-
Naphthalene	1900 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	NA	<499 DW
Nickel	<999 I/LT	NA	<499 LT	6900 LF	-	-	-	-	-	-
Phenol	<499 I	NA	0 LT	NA	-	-	-	-	-	-
Phosphoric Acid	0 LF	NA	NA	0 LF	NA	NA	-	-	-	-
Propylene	NA	NA	NA	NA	NA	NA	NA	NA	-	-
Sodium Hydroxide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium Sulfate	370000 LT	NA	170000 LT	NA	32000 LT	NA	59000 LT	NA	-	8700 DW
Styrene	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	-	-
Sulfuric Acid	NA	NA	NA	NA	NA	NA	NA	NA	-	-
Titanium Dioxide	NA	6700 LF	NA	39000 LF	NA	21000 LF	25000 LF	NA	-	-
Toluene	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<999 LT	NA	<499 DW
1,1,1 Trichloroethane	<499 I	NA	0 LT	NA	-	-	-	-	-	-
1,2,4 Trimethylbenzene	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<499 LT	-	-
Xylenes	<499 I	NA	0 LT	NA	NA	<499 LF/LT	NA	<999 LT	NA	<499 DW

NA = Release is not applicable
- = Chemical is not reportable
I = Impoundment
LT = Land Treatment
LF = Landfill
DW = Deep Well Injection

MCD 000015984