USS Clairton Works
Total Annual Benzene (TAB) - 1998
Process Sampling Streams Listing

Waste No.	Waste Stream	Controlled Y/N	Water Content >10% Y/N	Waste Stream Type Code	Annual Waste Quantity (gal)	Range of Benzene Concentration (ppm)	Annual Flow Weighted Avg. Benz. Conc.(ppm)	Annual BQ (Mg)	TAB Component Y/N
TT4	Wastewater Tanks Inlet Sample Line	N	Y	A	12	260 - 360	310.0	0.0	Y
	#1 CONTROL ROOM								
1CR323	Fractionator Feed	N	Y	E	91.3	0.005 - 0.027	0.02	0.0	Y
1CR324	Lean Phosam Soln.	N	Y	E	91.3	0.23 - 5.0	1.8	0.0	Y
1CR325	Rich Phosam Soln.	N	Y	E	91.3	8.16 - 14	9.9	0.0	Y
1CR326	Superstill Bottoms Condensate H20	N	Y	A	91.3	0.016 - 0.073	0.04	0.0	Y
1CR327	Fractionator Bottoms H2O	N	Y	A	91.3	0 - 0.53	0.2	0.0	Y
1CR328	Rich Phosam Soln.	N	Y	E	91.3	8.16 - 14	9.9	0.0	Y
1CR329	Mid Rich Phosam Soln.	N	Y	E	91.3	8.16 - 14	9.9	0.0	Y
1CR330	Condensate H2O	N	Y	A	91.3	<0.005	0	0.0	Y
1CR331	Contaminated H2O	N	Y	A	91.3	260 - 500	373	0.0	Y
1CR332	Process H2O	N	Y	A	91.3	93 - 221	144.1	0.0	Y
	#2 CONTROL ROOM								
2CR122	Injection H2O Sample	N	Y	A	91.25	235 - 343	284	0.0	Y
2CR123	618 Sample	N	Y	A	45.63	89 - 2000	983	0.0	Y
	LIGHT OIL FACILITY								
LOS25	Contaminated Water	N	Y	A	91.25	714 - 1211	962.5	0.0	Y
	#5 CONTROL ROOM								
5CR57	P424 Methanol Transfer Pump	N	Y	E	91.25	4285 - 40000	26295	0.0	Y
5CR95	FRCA-305 303-E Lean Flow	N	Y	E	228.13	<0.005	<0.005	0.0	Y
5CR96	FRCA-304 302-E Quench Flow	N	Y	E	228.13	0.04 - 0.13	0.1	0.0	Y
5CR108	FR 6513 Level Flow Trans.	N	Y	E	228.13	0.003 - 0.003	0.003	0.0	Y
5CR110	FRC 6515 Rich Flow	N	Y	E	228.13	0.065 - 0.069	0.067	0.0	Y
5CR115	FI 6556 D/C Flow	N	Y	A	228.13	7.4 - 9.8	8.3	0.0	Y
5CR130	FT 102-C D/C To 102-E	N	Y	A	228.13	7.4 - 9.8	8.3	0.0	Y
5CR132	FIC 103 D/C To 102-F	N	Y	A	228.13	7.4 - 9.8	8.3	0.0	Y
5CR141	FRCA 304 301-E Circ. Rate	N	Y	E	228.13	0.04 - 0.13	0.1	0.0	Y
5CR149	FRA 311 Rich MDEA Flow Trans.	N	Y	E	228.13	0.065 - 0.069	0.068	0.0	Y
5CR150	FRCA 305 Lean MDEA To 302-E	N	Y	E	228.13	<0.005	<0.005	0	Y
5CR160	FRCA 319 Flow TO 303-E Reflux	N	Y	E	228.13	0.04 - 0.13	0.1	0.0	Y
	#1 BY-PRODUCTS								
1B/P-46	FO-1EX #1 FPH Excess Liquor	N	Y	A	68.44	2.37 - 6.41	4.7	0.0	Y
1B/P-49	FO-KOP Cont. Flow From Kop. Condensate	N	Y	A	45.63	210 - 560	392	0.0	N
1B/P-50	FO-SUI Cont. Flow - Carb. Plant - D/C	N	Y	A	22.81	7.4 - 9.8	8.3	0.0	Y
1B/P-51	1BP 1/6 Pitch Traps	N	Y	F	136.9	1000 - 4500	3167	0.0	*N
1B/P-52	1B/P 7/12 Pitch Traps	N	Y	F	136.9	150 - 1200	850	0.0	*N
	#2 BY-PRODUCTS								
2B/P-36	FO-2EX #2 Excess Liquor	N	Y	A	68.4	2.37 - 7.41	4.7	0.0	Y

*N - TAB Double Counted

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2B/P-38	2BP 1/6 Pitch Traps	N	Y	F	136.9	120 - 10000	4640	0.0	*N
2B/P-39	2B/P 7/12 Pitch Traps	N	Y	F	136.9	2000 - 13000	5800	0.0	*N
	CWTP #2 TANK FARM								
TKF-39	Feed to Wastewater Tanks	N	Y	A	109.5	260 - 360	310	0.0	Y
TKF-40	Wastewater Tank - P2601A/B	N	Y	A	109.5	190 - 400	284	0.0	Y
TKF-41	Wastewater T-3 Tank to Still - P2602A/B	N	Y	A	146.0	160 - 250	207	0.0	Y
						Subtotal - Samples:		**1.0E-02**	

*N - TAB Double Counted

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