

APPENDIX A-1

**SUMMARIES OF SIUS AND CIUS FOR POTW
CONTROL AUTHORITIES**

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
AK	AK0023451	@	FAIRBANKS STP	0	3	PCS
AK0022551	AK0022551	@	POINT WORONZOF STP	3	11	PCS
*** Total ***				3	14	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
AR0020010	AR0020010	@	FAYETTEVILLE PCP	3	4	PCS
AR0020273	AR0020273	@	SILAM SPRINGS WWTF	1	7	PCS
AR0020303	AR0020303	@	FAULKNER LAKE STP	1	12	PCS
AR0020702	AR0020702	@	BATESVILLE STP	1	4	PCS
AR0021466	AR0021466	@	ALMA WWT SYSTEM	0	2	PCS
AR0021482	AR0021482	@	VAN BUREN WCT SYST.	3	13	PCS
AR0021601	AR0021601	@	SEARCY STP	4	19	PCS
AR0021733	AR0021733	@	DE QUEEN STP	0	2	PCS
AR0021750	AR0021750	@	MASSARD CREEK STP	12	33	PCS
AR0021768	AR0021768	@	RUSSELLVILLE WTP	2	7	PCS
AR0021806	AR0021806	@	ADAMS FIELD WWTP	11	50	PCS
AR0021822	AR0021822	@	MONTICELLO WEST	0	4	PCS
AR0022039	AR0022039	@	WEST MEMPHIS STP	3	12	PCS
AR0022063	AR0022063	@	SPRINGDALE STP	4	12	PCS
AR0022187	AR0022187	@	CLARKSVILLE STP	0	2	PCS
AR0022365	AR0022365	@	CAMDEN STP	1	1	PCS
AR0022403	AR0022403	@	BENTONVILLE STP	1	4	PCS
AR0022560	AR0022560	@	POND 3-SOUTHEAST	1	3	PCS
AR0033316	AR0033316	@	BOYD POINT PLANT	2	17	PCS
AR0033359	AR0033359	@	STONE DAM TREATMENT	6	11	PCS
AR0033464	AR0033464	@	WEST TREATMENT PLANT	2	14	PCS
AR0033723	AR0033723	@	SOUTH FACILITY	3	13	PCS
AR0033766	AR0033766	@	PARAGOULD POND	2	3	PCS
AR0033880	AR0033880	@	HOT SPRINGS STP	4	7	PCS
AR0034321	AR0034321	@	HARRISON STP	5	6	PCS
AR0034380	AR0034380	@	STUTTGART STP	0	3	NSSS
AR0043397	AR0043397	@	ROGERS STP	7	11	PCS
AR0043401	AR0043401	@	JONESBORO EAST PLANT	8	15	PCS
*** Total ***				87	291	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
AZ0020001	AZ0020001	@	INA ROAD WWTF	0	0	PCS
AZ0020079	AZ0020079	@	SUNDOG WWTF	0	0	PCS
AZ0020150	AZ0020150	@	INTERNATIONAL WWTP	2	52	PASS
AZ0020338	AZ0020338	@	TOLLESON WWTF	0	1	PASS
AZ0020427	AZ0020427	@	WILDCAT HILL WWTF	4	7	PCS
AZ0020443	AZ0020443	@	YUMA WWTF	0	7	PCS
AZ0020559	AZ0020559	@	PHOENIX 23RD AVE WWT	66	104	PCS
AZ0021091	AZ0021091	@	LONE BUTTE WWTP	12	12	PASS
AZ0021819	AZ0021819	@	KIOWA POND WWTF	1	3	PASS
AZ0021873	AZ0021873	@	CASA GRANDE WWTF	2	4	PCS
AZU900000	AZU900000	@	NO PLANT-TO PHEONIX	0	0	PCS
AZU910000	AZU910000	@	MESA WWTF	4	20	PASS
AZU920000	AZU920000	@	NO PLANT-TO TOLLESON	0	0	PCS
AZU930000	AZU930000	@	NO PLANT- TO PHEONIX	0	0	PCS
AZU940000	AZU940000	@	NO PLANT- TO PHEONIX	0	0	PCS
*** Total ***				91	210	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
CA0022756	CA0022756	@	CRESCENT CITY WWTF	0	3	PCS
CA0022764	CA0022764	@	LAGUNA WWTF	9	66	PASS
CA0024449	CA0024449	@	HILL STREET WWTF	0	10	PASS
CA0037532	CA0037532	@	MILLBRAE WWTF	0	3	PCS
CA0037541	CA0037541	@	SAN MATEO WWTF	0	2	PCS
CA0037559	CA0037559	@	ORO LOMA WWTF	1	3	PCS
CA0037575	CA0037575	@	NAPA-AMER. CANYON SD	2	3	PCS
CA0037591	CA0037591	@	ALVARADO #3 WWTF	35	46	PCS
CA0037613	CA0037613	@	DUBLIN-SAN RAMON WWT	5	5	PCS
CA0037621	CA0037621	@	SUNNYVALE WWTF	55	71	PCS
CA0037648	CA0037648	@	CENTRAL CONTRA COSTA	2	12	PCS
CA0037656	CA0037656	@	HAYWARD WWTF	26	46	PCS
CA0037664	CA0037664	@	N.POINT & SOUTHEAST	10	34	PCS
CA0037699	CA0037699	@	VSTED WWTF & RECL	1	5	PCS
CA0037702	CA0037702	@	EAST BAY MUD WWTF	84	130	PCS
CA0037729	CA0037729	@	RICHMOND WWTF	6	22	PCS
CA0037737	CA0037737	@	DALY CITY WWTF	0	0	PCS
CA0037745	CA0037745	@	SAN LEANDRO WPCP	46	56	PCS
CA0037788	CA0037788	@	BURLINGAME WWTF	0	5	PCS
CA0037810	CA0037810	@	PETALUMA WWTF	5	16	PCS
CA0037834	CA0037834	@	PALO ALTO WWTF	43	53	PCS
CA0037842	CA0037842	@	SAN JOSE/SANTA CLARA	248	279	PCS
CA0037958	CA0037958	@	NOVATO WWTF (MAIN)	1	2	PCS
CA0037974	CA0037974	@	WCCSD WWTF	2	6	PCS
CA0038008	CA0038008	@	LIVERMORE WWTF	25	27	PCS
CA0038024	CA0038024	@	FAIRFIELD SUISUN WWT	5	12	PCS
CA0038091	CA0038091	@	BENECIA WWTF	4	14	PCS
CA0038130	CA0038130	@	SO.SF-SAN BRUNO WWTF	6	18	PCS
CA0038369	CA0038369	@	SOUTH BAYSIDE WWTP	34	50	PCS
CA0038539	CA0038539	@	WEST SACRAMENTO WWTF	0	4	PASS
CA0038547	CA0038547	@	DELTA DIABLO	2	12	PCS
CA0038628	CA0038628	@	CENTRAL MARIN	4	4	PCS
CA0048101	CA0048101	@	SALINAS IND WWTF	0	0	PCS
CA0048127	CA0048127	@	LOMPOC WWTF	2	5	PCS
CA0048143	CA0048143	@	SANTA BARBARA WWTF	3	7	PCS
CA0048160	CA0048160	@	GOLETA WWTF	18	36	PCS
CA0048194	CA0048194	@	SANTA CRUZ WWTF	5	22	PCS
CA0048216	CA0048216	@	WATSONVILLE WWTF	4	13	PCS
CA0048275	CA0048275	@	SANTA MARIA WWTP	3	7	PCS
CA0048551	CA0048551	@	MONTEREY REG. WWTF	4	32	PCS
CA0048887	CA0048887	@	GILROY-MORGAN HILL	7	50	PASS
CA0049224	CA0049224	@	SAN LUIS OBISPO WWTF	6	170	PCS
CA0053597	CA0053597	@	CAMARILLO WWTF	6	16	PCS
CA0053651	CA0053651	@	VENTURA WWTF	6	9	PCS
CA0053813	CA0053813	@	LA COUNTY JOINT WPCP	795	944	PCS
CA0053961	CA0053961	@	OJAI VALLEY WWTP	0	0	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
CA0054097	CA0054097	@	OXNARD WWTF	21	41	PCS
CA0055221	CA0055221	@	SIMI VALLET WWTF	11	17	PCS
CA0055531	CA0055531	@	BURBANK WWTF	38	59	PCS
CA0056014	CA0056014	@	TAPIA WWTF	4	11	PCS
CA0056294	CA0056294	@	HILL CANYON WWTF	18	26	PCS
CA0059021	CA0059021	@	FILLMORE WWTP	4	22	PCS
CA0077682	CA0077682	@	SACRAMENTO REG WWTF	25	58	PCS
CA0077691	CA0077691	@	EASTERLY WWTF	4	7	PCS
CA0077950	CA0077950	@	WOODLAND WWTF	2	4	PCS
CA0078948	CA0078948	@	TURLOCK WWTF	0	18	PCS
CA0079049	CA0079049	@	DAVIS WWTF	0	1	PCS
CA0079103	CA0079103	@	MODESTO WWTF	2	15	PCS
CA0079138	CA0079138	@	STOCKTON REG. WWTF	15	40	PCS
CA0079154	CA0079154	@	TRACY WWTF	0	3	PCS
CA0079189	CA0079189	@	VISALIA WWTF	10	20	PCS
CA0079219	CA0079219	@	MERCED STP	4	7	PCS
CA0079243	CA0079243	@	WHITE SLOUGH WWTF	4	7	PCS
CA0079260	CA0079260	@	YUBA CITY WWTF	0	0	PCS
CA0079472	CA0079472	@	NEWMAN WWTF	0	2	PCS
CA0079502	CA0079502	@	ROSEVILLE WWTF	2	3	PCS
CA0079731	CA0079731	@	REDDING REG WWTF	1	5	PASS
CA0102709	CA0102709	@	SOUTH TAHOE WWTF	0	0	PCS
CA0105236	CA0105236	@	COLTON WWTF	4	11	PCS
CA0105279	CA0105279	@	CHINO BASIN REG TP#1	41	83	PASS
CA0105295	CA0105295	@	RIALTO WWTF	1	3	PCS
CA0105350	CA0105350	@	RIVERSIDE CITY WWTF	6	46	PCS
CA0105368	CA0105368	@	NO PLANT - TO CORONA	1	1	PCS
CA0105392	CA0105392	@	SAN BERNARDINO WWTF	1	19	PCS
CA0105759	CA0105759	@	REDLANDS WWTF	1	6	PCS
CA0105848	CA0105848	@	CORONA WWTP NO. 1	10	12	PCS
CA0106267	CA0106267	@	NO PLANT--TO CORONA	0	0	PCS
CA0106534	CA0106534	@	NO PLANT-TO CORONA	0	2	PCS
CA0106836	CA0106836	@	MICHELSON WRP	5	8	PCS
CA0107395	CA0107395	@	ENCINA WPCF	10	13	PCS
CA0107409	CA0107409	@	PT LOMA WWTF	115	147	PCS
CA0107417	CA0107417	@	SERRA-LATHAM REG WTF	0	0	PCS
CA0107433	CA0107433	@	LA SALINA WWTF	3	6	PCS
CA0107611	CA0107611	@	AWMA COASTAL WWTF	1	1	PASS
CA0107981	CA0107981	@	HALE AVENUE WWTF	12	13	PCS
CA0107999	CA0107999	@	SAN ELIJO JP REG SEW	10	13	PASS
CA0109991	CA0109991	@	HYPERION WWTF	259	938	PCS
CA0110604	CA0110604	@	OCSO STP NO 2	283	731	PCS
CAU900000	CAU900000	@	BAKERSFIELD WWTF #2	0	0	PCS
CAU910000	CAU910000	@	NO PLANT-TO CBMWD	0	0	PCS
CAU920000	CAU920000	@	NO PLANT-TO CBMWD	0	0	PCS
CAU930000	CAU930000	@	HEMET-SAN JACINTO WW	5	21	PASS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
CAU940000	CAU940000	@	NO PLANT-TO CBMWD	0	0	PCS
CAU950000	CAU950000	@	FRESNO-CLOVIS WWF 1	12	109	PASS
CAU960000	CAU960000	@	MADERA STP	0	3	PASS
CAU970000	CAU970000	@	NO PLANT-TO CBMWD	0	0	PCS
CAU980000	CAU980000	@	NO PLANT-TO CBMWD	0	0	PCS
CAU990000	CAU990000	@		0	16	PASS
CAU991000	CAU991000	@	S-K-F S.D.	0	0	PCS
CAU992000	CAU992000	@	NO PLANT - TO CBMWD	0	0	PCS
*** Total ***						
				2465	4898	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
C000	C000	@		0	0	PCS
C00020397	C00020397	@	FT MORGAN WWTP	1	2	PASS
C00020737	C00020737	@	FORT COLLINS	2	3	PCS
C00021261	C00021261	@	LA JUNTA STP	0	2	PCS
C00021369	C00021369	@	UPPER EAGLE VALLEY	0	0	PCS
C00023078	C00023078	@	LOUISVILLE	1	2	PCS
C00024147	C00024147	@	75TH STREET WWTP	6	11	PCS
C00024171	C00024171	@	BIG DRY CREEK WWTP	3	5	PCS
C00026247	C00026247	@	STERLING STP	0	1	PCS
C00026409	C00026409	@	BROOMFIELD WWTP	0	6	PCS
C00026425	C00026425	@	FT COLLINS PLANT 1	4	9	PCS
C00026638	C00026638	@	CENTRAL PLANT	49	180	PCS
C00026646	C00026646	@	PUEBLO MAIN PLANT	4	6	PCS
C00026662	C00026662	@	S.ADAMS COUNTY STP	4	9	PCS
C00026671	C00026671	@	LONGMONT STP	8	12	PCS
C00026701	C00026701	@	LOVELAND STP	3	3	PCS
C00026735	C00026735	@	C SPRINGS A S PLANT	28	30	PCS
C00032999	C00032999	@	BI-CITY PLANT	12	23	PCS
C00036757	C00036757	@	NORTHGLENN	1	2	PCS
C00037966	C00037966	@	MARCY GULCH WWTP	0	0	PCS
C00039624	C00039624	@	MONTROSE STP	0	2	PCS
C00039641	C00039641	@	DELTA WWTP	1	2	PCS
C00039748	C00039748	@	RAINBOW PARK WWTP	0	0	PCS
C00040037	C00040037	@	CRAIG WWTP	1	2	PCS
C00040053	C00040053	@	PERSIGO WASH WWTP	6	14	PCS
C00040258	C00040258	@	GREELEY 1ST AVE STP	2	18	PCS
C00042170	C00042170	@	GOLDEN (PT ONLY)	0	0	PCS
*** Total ***				136	344	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
DC0021199	DC0021199	@	BLUE PLAINS STP	27	112	PCS
*** Total ***				27	112	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
DE0020010	DE0020010	@	SELBYVILLE WTP	0	1	PCS
DE0020249	DE0020249	@	BRIDGEVILLE STP	0	1	PCS
DE0020320	DE0020320	@	WILMINGTON WPCF	22	37	PCS
DE0020338	DE0020338	@	KENT COUNTY REG STP	1	11	PCS
DE0050547	DE0050547	@	M-O-T REG. WWTF	2	2	PCS
*** Total ***				25	52	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
FL0020141	FL0020141	@	MUNICIPAL WTP	1	7	PCS
FL0020281	FL0020281	@	MADISON WWTP	0	3	PCS
FL0020389	FL0020389	@	TITUSVILLE N. STP	3	6	PCS
FL0020451	FL0020451	@	ST. ANDREWS STP	0	4	PCS
FL0020559	FL0020559	@		1	1	PCS
FL0020940	FL0020940	@	HOOKERS POINT STP	11	23	PCS
FL0021261	FL0021261	@	FT MYERS-CENTRAL STP	0	0	PCS
FL0021369	FL0021369	@	BRADENTON WWTP	0	0	PCS
FL0021440	FL0021440	@	MAIN STREET PLANT	1	14	PCS
FL0021466	FL0021466	@	AUBURNDALE STP	0	4	NSSS
FL0022110	FL0022110	@	SANDLAKE	6	7	PCS
FL0024791	FL0024791	@	SARASOTA WTP	1	2	PCS
FL0024805	FL0024805	@	VIRGINIA KEY WWTP	70	120	PCS
FL0025984	FL0025984	@	BETHUNE POINT WWTP	3	6	PCS
FL0026000	FL0026000	@	BUCKMAN ST. STP (#1)	23	139	PCS
FL0026255	FL0026255	@	HOLLYWOOD WPCP	3	26	PCS
FL0026271	FL0026271	@	MUNICIPAL PLANT	0	0	PCS
FL0026344	FL0026344	@	BOCA RATON WPC	1	8	PCS
FL0026557	FL0026557	@	PLANT CITY STP	1	9	PCS
FL0026603	FL0026603	@	MUNICIPAL PLANT	9	15	PCS
FL0027251	FL0027251	@	GAINESVILLE MAIN ST	2	15	PCS
FL0027278	FL0027278	@	FORT PIERCE UA WTP	1	2	PCS
FL0027651	FL0027651	@		2	2	PCS
FL0027847	FL0027847	@	MANATEE SW REG. STP	0	0	PCS
FL0028061	FL0028061	@	SOUTHWEST WTP	6	10	PCS
FL0029033	FL0029033	@		1	1	PCS
FL0030406	FL0030406	@	TARPON SPRINGS STP	1	2	PCS
FL0031771	FL0031771	@	BCUD 2-NO. REG. STP	9	48	PCS
FL0033251	FL0033251	@	REGIONAL WTP	1	2	PCS
FL0035980	FL0035980	@	S. CENT. WW DISP.BD	2	4	PCS
FL0037966	FL0037966	@	IRON BRIDGE STP	11	28	PCS
FL0039772	FL0039772	@	LAKELAND STP	3	22	PCS
FL0040401	FL0040401	@	NORTH STP	0	0	PCS
FL0040436	FL0040436	@	SO CROSS BAYOU PCF	13	20	PCS
FL0040461	FL0040461	@	ST PETE SOUTHWEST	0	0	PCS
FL0040541	FL0040541	@	DAVID STP	0	4	NSSS
FL0041033	FL0041033	@	DAVID LEE STP	4	7	PCS
FL0041360	FL0041360	@	WEST PALM BEACH STP	11	76	PCS
FL0041378	FL0041378	@	GT LOHMEYER	9	16	PCS
*** Total ***				210	653	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
GA0020087	GA0020087	@	AUGUSTA WPCP	6	13	PCS
GA0020222	GA0020222	@	MUD CREEK WPCP	3	13	PCS
GA0020346	GA0020346	@	SWAINSBORO WPCP	3	3	PCS
GA0020478	GA0020478	@	CHICKAMAUGA WPCP	0	2	PCS
GA0020516	GA0020516	@	SOUTH COLUMBUS WPCP	8	39	PCS
GA0020575	GA0020575	@	NORTHEAST WPCP	2	5	PCS
GA0020885	GA0020885	@	HARTWELL WPCP	1	1	PCS
GA0020991	GA0020991	@	ALBANY WPCP	4	20	PCS
GA0021156	GA0021156	@	FLAT CREEK WPCP	8	40	PCS
GA0021369	GA0021369	@	ELLIJAY WPCP	2	7	PCS
GA0021482	GA0021482	@	RM CLAYTON WPCP	18	52	PCS
GA0021601	GA0021601	@	COVINGTON WPCP-NO DS	1	4	PCS
GA0021610	GA0021610	@	ALMAND BRANCH WPCP	4	5	PCS
GA0021725	GA0021725	@	NORTH OCONEE	8	11	PCS
GA0021814	GA0021814	@	EASTONOLLEE CK WPCP	9	10	PCS
GA0023183	GA0023183	@	CEDAR CREEK WPCP	7	7	PCS
GA0024074	GA0024074	@	CEDARTOWN WPCP	0	0	PCS
GA0024082	GA0024082	@	THOMASVILLE WPCP	1	1	PCS
GA0024091	GA0024091	@	CARTERSVILLE WPCP	0	11	PCS
GA0024112	GA0024112	@	ROME WPCP	5	7	PCS
GA0024147	GA0024147	@	SNAPFINGER WPCP	24	71	PCS
GA0024333	GA0024333	@	BIG CREEK WPCP	8	25	PCS
GA0024431	GA0024431	@	DOUGLAS WPCF	3	5	PCS
GA0024538	GA0024538	@	LOWER POPLAR ST.WPCD	6	23	PCS
GA0024660	GA0024660	@	MOULTRIE WPCP	3	3	PCS
GA0024716	GA0024716	@	CARROLLTON WPCP	1	13	PCS
GA0025313	GA0025313	@	BRUNSWICK ACADEMY CR	1	3	PCS
GA0025348	GA0025348	@	PRESIDENT STREET WPC	3	15	PCS
GA0025712	GA0025712	@	LAFAYETTE WPCP	1	9	PCS
GA0025801	GA0025801	@	MUCKALEE CREEK WPCP	0	0	PCS
GA0026140	GA0026140	@	R.L. SUTTON WPCP	5	23	PCS
GA0030317	GA0030317	@	HORSE CREEK WPCP	1	2	PCS
GA0030333	GA0030333	@	CALHOUN WPCP	0	25	PCS
GA0030775	GA0030775	@	CENTRAL STATE HOSP	2	3	PCS
GA0031101	GA0031101	@	WASHINGTON WPCP	2	3	PCS
GA0032492	GA0032492	@	CHATSWORTH WPCP	0	2	PCS
GA0047244	GA0047244	@	LONG CANE CREEK STP	16	16	PCS
GA0047911	GA0047911	@	YELLOW R./SWEETWATER	12	22	PCS
GA0048470	GA0048470	@	TIFTON-NEW RIVER WPC	6	6	PCS
*** Total ***				184	520	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
HI0020117	HI0020117	@	SAND ISLAND WWTF	1	9	PCS
*** Total ***				1	9	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
IA0023434	IA0023434	@	MUSCATINE WWTP	1	5	PCS
IA0027219	IA0027219	@	FT MADISON WWTP	2	2	PCS
IA0035947	IA0035947	@	CLINTON WWTP	1	4	PCS
IA0035955	IA0035955	@	AMES WWTP	1	3	PCS
IA0036633	IA0036633	@		4	6	PCS
IA0036641	IA0036641	@	COUNCIL BLUFFS WWTP	2	6	PCS
IA0038610	IA0038610	@	MARSHALLTOWN WWTP	3	8	PCS
IA0038628	IA0038628	@		1	2	PCS
IA0042609	IA0042609	@	KEOKUK WWTP	0	11	PCS
IA0042617	IA0042617	@	IOWA CITY WWTP	2	3	PCS
IA0042641	IA0042641	@	CEDAR RAPIDS WWTP	9	23	PCS
IA0042650	IA0042650	@	WATERLOO WWTP	6	6	PCS
IA0043052	IA0043052	@	DAVENPORT WWTP	8	18	PCS
IA0043079	IA0043079	@	BURLINGTON WWTP	5	8	PCS
IA0043095	IA0043095	@	SIOUX CITY WWTP	2	10	PCS
IA0044130	IA0044130	@	DES MOINES MAIN WWTP	8	29	PCS
IA0044458	IA0044458	@	DUBUQUE WWTP	4	7	PCS
IA0044849	IA0044849	@	FT DODGE WWTP	2	7	PCS
IA0057169	IA0057169	@	MASON CITY WWTP	4	7	PCS
IA0058611	IA0058611	@	OTTUMWA WWTP	1	5	PCS
*** Total ***				66	170	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
ID0020044	ID0020044	@	BLACKFOOT WWTP	0	5	PCS
ID0020095	ID0020095	@	CITY OF BURLEY	0	1	PCS
ID0020753	ID0020753	@	AMERICAN FALLS WWTP	0	0	PCS
ID0020842	ID0020842	@	SANDPOINT WWTP	1	7	PCS
ID0021261	ID0021261	@	IDAHO FALLS WWTP	0	11	PCS
ID0021270	ID0021270	@	TWIN FALLS WWTP	0	5	PCS
ID0021504	ID0021504	@	CALDWELL MSTP	0	1	PCS
ID0021784	ID0021784	@	POCATELLO STP	2	8	PCS
ID0022055	ID0022055	@	LEWISTON STP	2	3	PCS
ID0022063	ID0022063	@	NAMPA STP	1	6	PCS
ID0022853	ID0022853	@	COUER D'ALENE	1	1	PCS
ID0023817	ID0023817	@	REXBURG WWTP	0	4	PCS
ID0023981	ID0023981	@	WEST BOISE STP	7	12	PCS
*** Total ***				14	64	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
IL0020061	IL0020061	@	WOOD DALE STP NORTH	3	6	PCS
IL0020087	IL0020087	@	GENEVA STP	5	5	PCS
IL0020354	IL0020354	@	ANTIOCH STP	2	6	PCS
IL0020575	IL0020575	@	PRINCETON STP	2	4	PCS
IL0020788	IL0020788	@	DANVILLE STW	3	9	PCS
IL0020818	IL0020818	@	AURORA STP	9	21	PCS
IL0021288	IL0021288	@	PEORIA STP	9	18	PCS
IL0021407	IL0021407	@	AMERICAN BOTTOMS TF	0	0	PCS
IL0021547	IL0021547	@	GLENBARD STP	1	2	PCS
IL0021784	IL0021784	@	KANKAKEE WTR POLL	10	20	PCS
IL0021849	IL0021849	@	BENSENVILLE WWTP	6	13	PCS
IL0021873	IL0021873	@	BELLEVELLE STP #1	3	5	PCS
IL0021971	IL0021971	@	SPRING CREEK STP	9	12	PCS
IL0022705	IL0022705	@	ST. CHARLES STP	0	10	PCS
IL0023027	IL0023027	@	DEKALB MAIN PLANT	6	6	PCS
IL0023141	IL0023141	@	GALESBURG STP	3	8	PCS
IL0023469	IL0023469	@	WEST CHICAGO STP	2	10	PCS
IL0023591	IL0023591	@	FREEMPORT STP	7	9	PCS
IL0026280	IL0026280	@	ITASCA WWTF	3	14	PCS
IL0026352	IL0026352	@	CAROL STREAM STP	3	7	PCS
IL0027201	IL0027201	@	ROCKFORD S.D. STP	53	95	PCS
IL0027341	IL0027341	@	MT VERNON TRICKLING	0	4	PCS
IL0027685	IL0027685	@	BELVIDERE STP	6	9	PCS
IL0027723	IL0027723	@	BLOOM TWN. S.D. STP	4	10	PCS
IL0027731	IL0027731	@	BLOOMINGTON-NORMAL S	5	9	PCS
IL0028070	IL0028070	@	LEMONT STW	363	407	PCS
IL0028282	IL0028282	@	CRYSTAL LAKE STP 1&2	3	4	PCS
IL0028321	IL0028321	@	DECATUR WWTF	8	16	PCS
IL0028380	IL0028380	@	DOWNERS GROVE STP	5	12	PCS
IL0028550	IL0028550	@	EAST MOLINE REG. STP	8	10	PCS
IL0028622	IL0028622	@	EFFINGHAM STP	2	5	PCS
IL0028665	IL0028665	@	ELGIN NORTH PLANT	15	18	PCS
IL0029165	IL0029165	@	HERRING STP	1	2	PCS
IL0029424	IL0029424	@	LA SALLE WWTP	2	7	PCS
IL0029939	IL0029939	@	MOLINE SOUTH	1	10	PCS
IL0030171	IL0030171	@	NSSD-CLAVEY RD, STP	16	30	PCS
IL0030503	IL0030503	@	QUINCY STP	9	13	PCS
IL0030660	IL0030660	@	PERU WWTP	2	3	PCS
IL0030783	IL0030783	@	ROCK ISLAND MAIN STP	6	12	PCS
IL0031356	IL0031356	@		0	1	PCS
IL0031500	IL0031500	@	UCSD-NORTHEAST STP	0	8	PCS
IL0031844	IL0031844	@	WOODRIDGE STP	0	2	PCS
IL0033481	IL0033481	@	GRANITE CITY STP	9	28	PCS
IL0033553	IL0033553	@	JOLIET-WESTSIDE STP	0	0	PCS
IL0033812	IL0033812	@	ADDISON WWTP NORTH	14	28	PCS
*** Total ***				618	928	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
IN0020133	IN0020133	@	GREENSBURG STP	4	5	PCS
IN0020427	IN0020427	@	BREMEN STP	1	3	PCS
IN0020451	IN0020451	@	NORTH VERNON	1	4	PCS
IN0020656	IN0020656	@	KENDALLVILLE STP	3	9	PCS
IN0020672	IN0020672	@	AUBURN WWTP	2	7	PCS
IN0020834	IN0020834	@	JASPER WWTP	4	7	PCS
IN0020991	IN0020991	@	PLYMOUTH WWTP	2	8	PCS
IN0022829	IN0022829	@	EAST CHICAGO STP	5	24	PASS
IN0022934	IN0022934	@	FRANKFORT WWTP	3	6	PCS
IN0022977	IN0022977	@	GARY SANITARY DIST.	0	0	PCS
IN0023060	IN0023060	@	HAMMOND WWTP	0	27	NSSS
IN0023132	IN0023132	@	HUNTINGTON WWTP	4	10	PCS
IN0023183	IN0023183	@	BELMONT WWTP	71	169	PCS
IN0023302	IN0023302	@	JEFFERSONVILLE STP	0	0	PCS
IN0023604	IN0023604	@	LOGANSPOUR WWTP	4	18	PCS
IN0023752	IN0023752	@	MICHIGAN CITY STP	5	9	PCS
IN0023884	IN0023884	@	NEW ALBANY WWTP	4	6	PCS
IN0023914	IN0023914	@	NEW CASTLE STP	3	3	PCS
IN0024392	IN0024392	@	PRINCETON STP	2	9	PCS
IN0024473	IN0024473	@	SEYMOUR STP	3	5	PCS
IN0024520	IN0024520	@	SOUTH BEND WWTP	12	21	PCS
IN0024660	IN0024660	@	VALPARAISO STP	2	5	PCS
IN0024741	IN0024741	@	WABASH WWTP	0	0	PCS
IN0024805	IN0024805	@	WARSAW STP	0	0	PCS
IN0025577	IN0025577	@	LAPORTE WWTP	6	9	PCS
IN0025585	IN0025585	@	MARION WWTP	9	13	PCS
IN0025607	IN0025607	@	TERRE HAUTE WWTP	5	23	PCS
IN0025615	IN0025615	@	W.E. ROSS WWTP	0	0	PCS
IN0025631	IN0025631	@	MUNCIE WASTE TREATME	17	27	PCS
IN0025640	IN0025640	@	MISHAWAKA WWTP	5	8	PCS
IN0025666	IN0025666	@	MADISON SEWAGE TRTMT	3	9	PCS
IN0025674	IN0025674	@	ELKHART WWTP	29	39	PCS
IN0025755	IN0025755	@	GOSHEN WWTP	4	4	PCS
IN0031020	IN0031020	@	VINCENNES WWTP	2	2	PCS
IN0032191	IN0032191	@	FORT WAYNE WPCP	39	138	PCS
IN0032336	IN0032336	@	CONNERSVILLE WWTP	4	8	PCS
IN0032468	IN0032468	@	LAFAYETTE WWTP	6	12	PCS
IN0032476	IN0032476	@	MOSS ISLAND ROAD PLA	3	10	PCS
IN0032573	IN0032573	@	COLUMBUS WWTP	7	16	PCS
IN0032867	IN0032867	@	SHELBYVILLE WWTP	4	8	PCS
IN0032875	IN0032875	@	KOKOMO MUN WWTP	0	0	PCS
IN0032956	IN0032956	@	WESTSIDE WWTP	29	57	PCS
IN0032964	IN0032964	@	CRAWFORDSVILLE WWTP	3	7	PCS
IN0032972	IN0032972	@	SPEEDWAY WWTP	2	6	PCS
IN0035718	IN0035718	@	BLOOMINGTON SO. STP	5	5	PCS
*** Total ***				317	756	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
KS0023698	KS0023698	@	HIAWATHA SOUTH PLANT	1	2	PASS
KS0032123	KS0032123	@	IOLA STP	1	2	PCS
KS0036188	KS0036188	@	HUTCHINSON WWTP	4	9	PCS
KS0036196	KS0036196	@	MCPHERSON WWTP	7	8	PCS
KS0038474	KS0038474	@	SALINA WWTP NO 1	5	9	PCS
KS0038563	KS0038563	@	KCK WWTP #1-KAW PT.	14	48	PCS
KS0038644	KS0038644	@	LAWRENCE STP	2	6	PCS
KS0038954	KS0038954	@	PITTSBURG WWTP	2	6	PCS
KS0042625	KS0042625	@	INDEPENDENCE WWTP	4	4	PCS
KS0042722	KS0042722	@	TOPEKA OAKLAND WWTP	6	13	PCS
KS0043036	KS0043036	@	WICHITA WWTP 2	17	54	PCS
KS0045802	KS0045802	@	HAROLD STREET WWTP	10	13	PCS
KS0046728	KS0046728	@	EMPORIA WWTP	4	7	PCS
KS0050733	KS0050733	@	COFFEYVILLE WWTP	4	5	PCS
KS0055492	KS0055492	@	TURKEY CREEK MSD #1	14	21	PCS
KS0080837	KS0080837	@	CHANUTE WWTP	2	2	PCS
*** Total ***				97	209	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
KY0020036	KY0020036	@	NICHOLASVILLE STP	3	7	PCS
KY0020044	KY0020044	@	MOUNT STERLING STP	2	2	PCS
KY0020061	KY0020061	@	MARION STP	1	1	PCS
KY0020095	KY0020095	@	OWENSBORO WEST STP	6	14	PCS
KY0020125	KY0020125	@	CALHOUN STP	0	0	PCS
KY0020133	KY0020133	@	CORBIN STP	0	8	PCS
KY0020150	KY0020150	@	GEORGETOWN STP	2	4	PCS
KY0020257	KY0020257	@	MAYSVILLE STP	1	4	PCS
KY0020427	KY0020427	@	SHELBYVILLE STP	4	14	PCS
KY0020613	KY0020613	@	LIVERMORE STP	1	1	PCS
KY0020621	KY0020621	@	VERSAILLES STP	1	7	PCS
KY0020702	KY0020702	@		0	0	PCS
KY0020711	KY0020711	@	HENDERSON STP	3	12	PCS
KY0020877	KY0020877	@	RUSSELLVILLE STP	2	4	PCS
KY0020885	KY0020885	@	ADAIRVILLE STP	0	1	PCS
KY0020907	KY0020907	@	SPRINGFIELD STP	0	5	PCS
KY0020974	KY0020974	@	LANCASTER STP	0	2	PCS
KY0021008	KY0021008	@	WILLIAMSTOWN STP	1	2	PCS
KY0021067	KY0021067	@	LAWRENCEBURG STP	2	6	PCS
KY0021130	KY0021130	@	CALVERT CITY STP	0	3	PCS
KY0021164	KY0021164	@	GLASGOW STP #2	2	6	PCS
KY0021202	KY0021202	@	AUBURN STP	1	1	PCS
KY0021237	KY0021237	@	BARDSTOWN STP	3	11	PCS
KY0021270	KY0021270	@	LONDON STP	3	8	PCS
KY0021466	KY0021466	@	DRY CREEK STP	14	35	PCS
KY0021491	KY0021491	@	TOWN BRANCH STP	8	37	PCS
KY0022039	KY0022039	@	ELIZABETHTOWN STP	8	19	PCS
KY0022373	KY0022373	@	ASHLAND STP	2	8	PCS
KY0022403	KY0022403	@	BOWLING GREEN STP	8	13	PCS
KY0022411	KY0022411	@	MORRIS FORMAN STP	24	122	PCS
KY0022799	KY0022799	@	PADUCAH STP	0	4	PCS
KY0022845	KY0022845	@	DREAMING CREEK STP	3	9	PCS
KY0022861	KY0022861	@	FRANKFORT STP	1	10	PCS
KY0022934	KY0022934	@	LEITCHFIELD WWP	3	6	PCS
KY0022942	KY0022942	@	MADISONVILLE WTP	2	7	PCS
KY0023191	KY0023191	@	BEAVER DAM STP	3	4	PCS
KY0023370	KY0023370	@	CYNTHIANA STP	5	5	PCS
KY0023388	KY0023388	@	HOPKINSVILLE STP	9	14	PCS
KY0024287	KY0024287	@	OWINGSVILLE STP	1	1	PCS
KY0024619	KY0024619	@	STANFORD STP	1	1	PCS
KY0024783	KY0024783	@	SCOTTSVILLE STP	0	1	PCS
KY0025194	KY0025194	@	JEFFERSONTOWN STP	5	32	PCS
KY0025798	KY0025798	@	HARTFORD STP	1	1	PCS
KY0026549	KY0026549	@	LEBANON STP	1	4	PCS
KY0026611	KY0026611	@	OTIS B. CHANEY WWTP	2	4	PCS
KY0026883	KY0026883	@	EMINENCE STP	2	2	PCS
KY0026913	KY0026913	@	FULTON STP	1	2	PCS
KY0027421	KY0027421	@	HARRODSBURG STP	1	4	PCS
KY0027456	KY0027456	@	FRANKLIN STP	2	9	PCS
KY0028100	KY0028100	@	EDMONTON STP	0	0	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
KY0028401	KY0028401	@	PRINCETON STP	1	3	PCS
KY0033791	KY0033791	@	KEVIL LAGOON	1	1	PCS
KY0033847	KY0033847	@	MONTICELLO STP	0	0	PCS
KY0037991	KY0037991	@	WINCHESTER STP	2	8	PCS
KY0041092	KY0041092	@	HORSE CAVE STP	1	2	PCS
KY0054437	KY0054437	@	CAMPBELLSVILLE STP	3	5	PCS
KY0057193	KY0057193	@	DANVILLE STP	3	6	PCS
KY0062995	KY0062995	@	RUSSELL CO. REG WWTP	1	2	PCS
KY0063649	KY0063649	@	GUTHRIE STP	1	1	PCS
KY0072761	KY0072761	@	MURRAY STP	2	5	PCS
KY0072885	KY0072885	@	MIDDLESBORO STP	1	4	PCS
KY0077801	KY0077801	@	INDUSTRIAL PARK	0	0	PCS
KY0079898	KY0079898	@	BUSHY CREEK STP	1	6	PCS
KY0090654	KY0090654	@	PARIS STP	3	6	PCS
*** Total ***				165	526	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
LA0036382	LA0036382	@	EAST SEWAGE PLANT	1	2	PCS
LA0036412	LA0036412	@	SOUTH STP	2	42	PCS
LA0038059	LA0038059	@	WESTWEGO STP	0	0	PCS
LA0038091	LA0038091	@	NEW ORLEANS E. BANK	2	17	PCS
LA0038326	LA0038326	@	KENNER STP 1	3	19	PCS
LA0038407	LA0038407	@	DERIDDER	2	2	PCS
LA0038741	LA0038741	@	MONROE WPCP	2	13	PCS
LA0041009	LA0041009	@	ALEXANDRIA WWTP	2	3	PCS
LA0041254	LA0041254	@	CROWLEY STP	1	2	PCS
LA0041394	LA0041394	@	LUCAS WWTP	10	25	PCS
LA0053716	LA0053716	@	RED RIVER TP	4	16	PCS
LA0066630	LA0066630	@	JEFF PARISH	2	39	PCS
*** Total ***				31	180	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MA0100137	MA0100137	@	MONTAGUE WWTP	2	4	PCS
MA0100315	MA0100315	@	ADAMS WWTP	2	6	PCS
MA0100382	MA0100382	@	FALL RIVER SCS & STP	7	19	PCS
MA0100412	MA0100412	@	WESTBOROUGH	0	0	PCS
MA0100439	MA0100439	@	WEBSTER STP	1	8	PCS
MA0100447	MA0100447	@	GREATER LAWRENCE SA	23	41	PCS
MA0100455	MA0100455	@	SOUTH HADLEY WWTP	1	2	PCS
MA0100501	MA0100501	@	SOUTH ESSEX WPCF	18	38	PCS
MA0100510	MA0100510	@	HOOSAC WPCP	3	3	PCS
MA0100552	MA0100552	@	LYNN REGIONAL WPCP	7	16	PCS
MA0100595	MA0100595	@	ATTLEBORO WWTP	28	35	PCS
MA0100617	MA0100617	@	LEOMINSTER STP	3	7	PCS
MA0100625	MA0100625	@	GLOUCESTER WWTP	2	17	PCS
MA0100781	MA0100781	@	NEW BEDFORD WWTP	16	26	PCS
MA0100889	MA0100889	@	WARE WPCF	1	2	PCS
MA0100897	MA0100897	@	TAUNTON SEWAGE TP	10	15	PCS
MA0100901	MA0100901	@	SOUTHBRIDGE STP	0	5	PCS
MA0100986	MA0100986	@	FITCHBURG EAST WTP	8	16	PCS
MA0100994	MA0100994	@	GARDNER WWT WORKS	2	3	PCS
MA0101036	MA0101036	@	N. ATTLEBOROUGH WWTP	21	23	PCS
MA0101168	MA0101168	@	PALMER WPCF	3	3	PCS
MA0101214	MA0101214	@	GREENFIELD SEWAGE TP	2	5	PCS
MA0101427	MA0101427	@	NEWBURYPORT STP	10	16	PCS
MA0101478	MA0101478	@	EASTHAMPTON STP	1	7	PCS
MA0101508	MA0101508	@	CHICOPEE WWTP	14	17	PCS
MA0101516	MA0101516	@	MILLERS FALLS WWTP	1	1	PCS
MA0101524	MA0101524	@	GREAT BARRINGTON WW	1	1	PCS
MA0101613	MA0101613	@	BONDI ISLAND WWTP	34	56	PCS
MA0101621	MA0101621	@	HAVERHILL WWTP	14	16	PCS
MA0101630	MA0101630	@	HOLYOKE WWTP	4	14	PCS
MA0101648	MA0101648	@	SOUTH DEERFIELD STP	0	1	PCS
MA0101681	MA0101681	@	PITTSFIELD WASTEWATE	3	5	PCS
MA0101711	MA0101711	@	BILLERICA WWTP	7	16	PCS
MA0101745	MA0101745	@	AMESBURY WWTP	4	10	PCS
MA0101800	MA0101800	@	WESTFIELD WPC	7	8	PCS
MA0101818	MA0101818	@	NORTHAMPTON WWTP	2	10	PCS
MA0102351	MA0102351	@	MWRA DEER ISLAND WWT	137	1476	PCS
MA0102369	MA0102369	@	UPPER BLACKSTONE REG	22	30	PCS
*** Total ***				421	1978	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MD0020681	MD0020681	@	ELKTON WWTP	2	7	PCS
MD0020982	MD0020982	@	DAMASCUS STP	29	84	PCS
MD0021555	MD0021555	@	BACK RIVER WWTP	30	73	PCS
MD0021571	MD0021571	@	SALISBURY CITY WWTP	3	16	PCS
MD0021598	MD0021598	@	CUMBERLAND	0	3	PCS
MD0021610	MD0021610	@	FREDERICK CITY WWTP	4	8	PCS
MD0021636	MD0021636	@	CAMBRIDGE WWTF	1	7	PCS
MD0021644	MD0021644	@	BROADNECK WWTP	6	10	PCS
MD0021750	MD0021750	@	HAVRE DE GRACE WWTP	2	4	PCS
MD0021776	MD0021776	@	HAGERSTOWN WPCF	2	6	PCS
MD0021822	MD0021822	@	BALLENGER CREEK WWTP	4	10	PCS
MD0022730	MD0022730	@	HURLOCK	0	2	PCS
MD0055174	MD0055174	@	LITTLE PATUXENT WWTP	12	26	PCS
MD0056545	MD0056545	@	SOD RUN WWTP	1	4	PCS
MDU000000	MDU000000	@	BALT.CO.SEWER SYSTEM	0	0	PCS
*** Total ***				96	260	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
ME0100013	ME0100013	@	AUGUSTA SEWAGE TP	1	5	PCS
ME0100048	ME0100048	@	BIDDEFORD WWTP	0	13	PCS
ME0100072	ME0100072	@	BREWER WWTP	1	1	PCS
ME0100137	ME0100137	@	CAMDEN WPCF	1	1	PCS
ME0100307	ME0100307	@	LISBON W P C PLANT	2	2	PCS
ME0100595	ME0100595	@	ROCKLAND WWTF	1	3	PCS
ME0100617	ME0100617	@	SANFORD WWTF	2	3	PCS
ME0100633	ME0100633	@	SOUTH PORTLAND STP	1	9	PCS
ME0100781	ME0100781	@	BANGOR WPAF	3	13	PCS
ME0100846	ME0100846	@	WESTBROOK PLANT	5	11	PCS
ME0100854	ME0100854	@	KENNEBEC WWTP	3	5	PCS
ME0101397	ME0101397	@	BERWICK WPCF	1	1	PCS
ME0101443	ME0101443	@	HARTLAND TP	1	1	PCS
ME0101478	ME0101478	@	LEWISTON-AUBURN WPCA	3	24	PCS
ME0102075	ME0102075	@	PORTLAND W.D. PLANT	4	16	PCS
*** Total ***				29	108	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MI0020036	MI0020036	@	REED CITY STP	0	0	PCS
MI0020117	MI0020117	@	COLDWATER WWTP	3	4	PCS
MI0020176	MI0020176	@	CLARE WWTP	0	2	PCS
MI0020184	MI0020184	@	HOLLY STP	0	1	PCS
MI0020192	MI0020192	@	CARSON CITY STP	1	1	PCS
MI0020257	MI0020257	@	CADILLAC WWTP	1	11	PCS
MI0020265	MI0020265	@	ALMA WWTP	1	4	PCS
MI0020303	MI0020303	@	CHEBOYGAN WWTP	1	1	PCS
MI0020311	MI0020311	@	LOWELL SEWAGE TREAT	0	5	PCS
MI0020320	MI0020320	@	SOUTH HAVEN STP	1	1	PCS
MI0020362	MI0020362	@	MANISTEE STP	1	3	PCS
MI0020397	MI0020397	@	GREENVILLE STP	0	0	PCS
MI0020435	MI0020435	@	MASON WWTP	0	1	PCS
MI0020443	MI0020443	@	EVART STP	1	1	PCS
MI0020451	MI0020451	@	STURGIS WWTP	5	7	PCS
MI0020460	MI0020460	@	LAPEER STP	1	9	PCS
MI0020478	MI0020478	@	SPARTA WASTEWATER TR	0	0	PCS
MI0020494	MI0020494	@	PLAINWELL STP	2	2	PCS
MI0020524	MI0020524	@	ZEELAND STP	9	9	PCS
MI0020532	MI0020532	@	ALLEGAN STP	2	2	PCS
MI0020575	MI0020575	@	HASTINGS WWTP	2	2	PCS
MI0020583	MI0020583	@	TECUMSEH STP	3	8	PCS
MI0020656	MI0020656	@	MARYSVILLE STP	2	2	PCS
MI0020672	MI0020672	@	HARBOR BEACH STP	0	1	PCS
MI0020681	MI0020681	@	MORENCI SEWAGE SYS	1	1	PCS
MI0020711	MI0020711	@	PINCONNING WWTP	0	4	PCS
MI0020737	MI0020737	@	CHELSEA STP	1	2	PCS
MI0020761	MI0020761	@	BEDFORD TWP. WWTP	1	1	PCS
MI0020788	MI0020788	@	CHARLOTTE WWTP	1	1	PCS
MI0020851	MI0020851	@	BELDING STP	0	0	PCS
MI0020893	MI0020893	@	MARINE CITY STP	0	1	PCS
MI0020974	MI0020974	@	CONSTANTINE STP	0	2	PCS
MI0020991	MI0020991	@	THREE RIVERS WWTP	1	20	PCS
MI0021008	MI0021008	@	SOUTH CLINTON WWPT	0	2	PCS
MI0021041	MI0021041	@	IONIA STP	1	2	PCS
MI0021113	MI0021113	@	HOWELL STP	2	6	PCS
MI0021156	MI0021156	@	WYANDOTTE WWTP	14	62	PCS
MI0021164	MI0021164	@	TRENTON WWTP	2	8	PCS
MI0021181	MI0021181	@	ROCKWOOD	0	1	PCS
MI0021245	MI0021245	@	SPRING LAKE WWTP	14	15	PCS
MI0021334	MI0021334	@	LUDINGTON STP	1	3	PCS
MI0021474	MI0021474	@	BOYNE CITY STP	1	2	PCS
MI0021571	MI0021571	@	MILAN WWTP	3	5	PCS
MI0021679	MI0021679	@	ROMEO STP	1	2	PCS
MI0021741	MI0021741	@	PAW PAW STP	1	3	PCS
MI0022136	MI0022136	@	HILLSDALE WWTP	1	5	PCS
MI0022152	MI0022152	@	ADRIAN WWTP	5	11	PCS
MI0022161	MI0022161	@	ALBION WPC	2	8	PCS
MI0022195	MI0022195	@	ALPENA WWTP	0	8	PCS
MI0022217	MI0022217	@	ANN ARBOR WWTP	1	1	PCS

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MI0022233	MI0022233	@	AUGRES STP	1	2	PCS
MI0022276	MI0022276	@	BATTLE CREEK WWTP	6	38	PCS
MI0022284	MI0022284	@	BAY CITY STP	4	37	PCS
MI0022322	MI0022322	@	BENTON HARBOR-ST.JOS	10	19	PCS
MI0022381	MI0022381	@	BIG RAPIDS WWTs	0	0	PCS
MI0022446	MI0022446	@	BRIDGEPORT TWP STP	1	4	PCS
MI0022489	MI0022489	@	BUCHANAN WWTP	6	6	PCS
MI0022594	MI0022594	@	CASS CITY WWTP	1	6	PASS
MI0022713	MI0022713	@	HILLMAN WWTP	1	1	PCS
MI0022799	MI0022799	@	DELTA TWP WWTP	0	4	PCS
MI0022802	MI0022802	@	DETRIOT WWTP	134	468	PASS
MI0022829	MI0022829	@	DEXTER WWTP	1	2	PCS
MI0022837	MI0022837	@	DOWAGIAC STP	4	4	PCS
MI0022853	MI0022853	@	EAST LANSING WWP	0	2	PCS
MI0022918	MI0022918	@	ESSEXVILLE WWTP	1	1	PCS
MI0022926	MI0022926	@	FLINT WPCF	10	20	PCS
MI0022942	MI0022942	@	FRANKENMUTH STP	0	4	PCS
MI0022977	MI0022977	@	RAGNONE WWTP	1	6	PCS
MI0022993	MI0022993	@	GENESEE CO. #3 WWTP	0	50	NSSS
MI0023001	MI0023001	@	GLADWIN STP	1	1	PCS
MI0023027	MI0023027	@	GRANDVILLE STP	2	5	PCS
MI0023108	MI0023108	@	HOLLAND AREA WTF	11	14	PCS
MI0023256	MI0023256	@	R.A. GREENE WWTP	8	26	PCS
MI0023299	MI0023299	@	KALAMAZOO WRP	25	62	PCS
MI0023400	MI0023400	@	LANSING WWTP	11	39	PCS
MI0023540	MI0023540	@	MARSHALL STP	0	10	PCS
MI0023582	MI0023582	@	MIDLAND WWTP	0	0	PCS
MI0023604	MI0023604	@	MILFORD TWP COLL SYS	0	3	PCS
MI0023647	MI0023647	@	MT. CLEMENS STP	0	2	PCS
MI0023655	MI0023655	@	MT PLEASANT WWTP	0	0	PCS
MI0023701	MI0023701	@	NILES WASTEWATER TRE	3	6	PCS
MI0023744	MI0023744	@	OSTEGO STP	4	4	PCS
MI0023752	MI0023752	@	OWOSSO WWTP	2	11	PCS
MI0023779	MI0023779	@	PAW PAW L. AREA STP	0	1	PCS
MI0023787	MI0023787	@	PETOSKEY WWTP	1	1	PCS
MI0023825	MI0023825	@	PONTIAC STP	3	4	PCS
MI0023833	MI0023833	@	PORT HURON STP	5	6	PCS
MI0023931	MI0023931	@	ROCHESTER STP	0	4	PCS
MI0023973	MI0023973	@	SW DIST SAGINAW TWP	0	0	PCS
MI0023981	MI0023981	@	CARROLLTON TWP WWTP	0	7	PCS
MI0024023	MI0024023	@	SALINE STP	0	5	PCS
MI0024139	MI0024139	@	STANDISH WWTP	1	1	PCS
MI0024252	MI0024252	@	VASSAR STP	0	0	PCS
MI0024287	MI0024287	@	HURON ROUGE STP	0	4	PCS
MI0024295	MI0024295	@	WARREN WWTP	26	71	PCS
MI0024350	MI0024350	@	WHEATLAND TWP WWSL	0	0	PCS
MI0024384	MI0024384	@	WIXOM WWTP	1	4	PCS
MI0024392	MI0024392	@	WYOMING WWTP	14	88	PCS
MI0025577	MI0025577	@	SAGINAW WWTP	5	9	PCS
MI0025631	MI0025631	@	MENOMINEE WWTP	2	5	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MI0026069	MI0026069	@	GRAND RAPIDS	52	344	PCS
MI0026468	MI0026468	@	ST. JOHNS WWTP	4	8	PCS
MI0027391	MI0027391	@	MUSKEGON CO. WWTP 1	29	38	PCS
MI0027481	MI0027481	@	TRAVERSE CITY AREA	0	9	PCS
MI0028401	MI0028401	@	MONROE METRO WWTP	3	7	PCS
MI0029173	MI0029173	@	WHITEHALL-MONTAGUE	6	7	PCS
MI0042439	MI0042439	@	BAY COUNT WEST STP	0	1	PCS
MI0042676	MI0042676	@	YCUA COMMUNITY WWTP	7	8	PCS
MI0042781	MI0042781	@	KALAMAZOO LAKE WWTP	1	1	PCS
MI0043800	MI0043800	@	HURON VALLEY WWTP	14	62	PCS
*** Total ***						
				512	1805	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MN0024619	MN0024619	@	ROCHESTER WRP	4	13	PCS
MN0029815	MN0029815	@	METROPOLITAN TP	229	327	PCS
MN0030147	MN0030147	@	WINONA STP	4	7	PCS
MN0041092	MN0041092	@	ALBERT LEA WWTP	3	8	PCS
MN0049786	MN0049786	@	WLSSD REGIONAL WWTF	9	12	PCS
MN0051284	MN0051284	@	OWATONNA WWTP (NEW)	5	6	PCS
*** Total ***				254	373	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MO0021440	MO0021440	@	MONETT WWTP	2	6	PCS
MO0022381	MO0022381	@	MOUNT VERNON WWTP	0	2	PCS
MO0022853	MO0022853	@	JACKSON WWTP	1	1	PCS
MO0023027	MO0023027	@	SEDALIA WWTP NORTH	3	3	PCS
MO0023043	MO0023043	@	ST. JOSEPH WWTP	5	29	PCS
MO0023221	MO0023221	@	MACON WWTP	1	3	PCS
MO0024911	MO0024911	@	BLUE RIVER	25	27	PCS
MO0025178	MO0025178	@	BISSELL POINT	167	276	PCS
MO0025810	MO0025810	@	WASHINGTON MSTP	5	5	PCS
MO0028720	MO0028720	@	O'FALLON WWTP	2	5	PCS
MO0028827	MO0028827	@	MOBERLY OLD EAST WWT	1	2	PCS
MO0032883	MO0032883	@	MARSHALL WWTP	0	2	PCS
MO0033286	MO0033286	@	MARYVILLE WWTP	3	6	PCS
MO0035009	MO0035009	@	SIKESTON WTF	4	7	PCS
MO0036757	MO0036757	@	AURORA WWTP	0	8	PCS
MO0039136	MO0039136	@	CARTHAGE WWTP	2	7	PCS
MO0039748	MO0039748	@	TRENTON MAIN WWTP	1	2	PCS
MO0039926	MO0039926	@	NEOSHO WWTP-CROWDER	3	5	PCS
MO0040738	MO0040738	@	BOONVILLE WWTP	2	5	PCS
MO0040843	MO0040843	@	MARSHFIELD WWTP	3	3	PCS
MO0042579	MO0042579	@	CASSVILLE WWTP	1	1	PCS
MO0049506	MO0049506	@	KIRKSVILLE WWTP	0	5	PCS
MO0049522	MO0049522	@	SPRINGFIELD SW WWTP	12	44	PCS
MO0050580	MO0050580	@	CAPE GIRARDEAU WWTP	2	4	PCS
MO0051144	MO0051144	@	PERRYVILLE WWTP	0	5	PCS
MO0055379	MO0055379	@	MONROE CITY WWTP	2	2	PCS
MO0055905	MO0055905	@	NORTHWEST PLANT	3	3	PCS
MO0058351	MO0058351	@	MISSOURI RIVER STP	4	5	PCS
MO0089010	MO0089010	@	LEBANON WWTP	4	11	PCS
MO0089109	MO0089109	@	NEVADA WWTP	1	3	PCS
MO0089681	MO0089681	@	ROCK CREEK WWTP	3	4	PCS
MO0093513	MO0093513	@	HANNIBAL WWTP	1	2	PCS
MO0093599	MO0093599	@	WENTZVILLE WRC	2	2	PCS
MO0094846	MO0094846	@	JEFFERSON CITY WWTP	4	4	PCS
MO0097837	MO0097837	@	COL. HINKSON-PERCHE	2	7	PCS
MO0099465	MO0099465	@	ST. CLAIR	2	3	PCS
MO0100030	MO0100030	@	MALDEN IND. PARK STP	0	0	PCS
MO0101087	MO0101087	@	ATHERTON PLANT	2	4	PCS
MO0103349	MO0103349	@	TURKEY CREEK WWTP	7	27	PCS
MO0106399	MO0106399	@	CAMDENTON WWTP	1	1	PCS
MO0107956	MO0107956	@	NORTH K.C. WATER TP	0	0	PCS
MO0108227	MO0108227	@	CHILLICOTHE	0	0	PCS

*** Total ***

283 541

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
MT0021920	MT0021920	@	GREAT FALLS STP	4	16	PCS
MT0022012	MT0022012	@	SILVER BOW CITY MSOI	0	0	PCS
MT0022586	MT0022586	@	BILLINGS WWTP	0	50	NSSS
MT0022594	MT0022594	@	MISSOULA SEW TRT	1	2	PCS
MT0022608	MT0022608	@	BOZEMAN WWTP	0	3	PCS
MT0022641	MT0022641	@	HELENA WWTP	0	1	PCS
*** Total ***				5	72	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NC0020044	NC0020044	@	WILLIAMSTON WWTP	0	0	PCS
NC0020117	NC0020117	@	CLINTON WTP	1	7	PCS
NC0020184	NC0020184	@	LONG CREEK WWTP	5	18	PCS
NC0020290	NC0020290	@	BURNSVILLE	1	4	PCS
NC0020338	NC0020338	@	YADKINVILLE WWTP	0	0	PCS
NC0020389	NC0020389	@	BENSON STP	0	1	PCS
NC0020401	NC0020401	@	NORTHEAST WWTP	0	45	NSSS
NC0020427	NC0020427	@	ROCKINGHAM WWTP	0	7	PCS
NC0020451	NC0020451	@	WEST JEFFERSON STP	0	1	PCS
NC0020541	NC0020541	@	PEACHTREE WTP	2	13	PCS
NC0020559	NC0020559	@	NUTBUSH CREEK WTP	2	26	PCS
NC0020567	NC0020567	@	ELKIN STP	0	1	PCS
NC0020591	NC0020591	@	THIRD CREEK WWTP	4	15	PCS
NC0020605	NC0020605	@	TARBORO WWTP	0	5	PCS
NC0020621	NC0020621	@	BOONE STP	2	2	PCS
NC0020648	NC0020648	@	WASHINGTON STP	1	2	PCS
NC0020664	NC0020664	@	SPINDALE WWTP	1	5	PCS
NC0020737	NC0020737	@	PILOT CREEK WWTP	4	11	PCS
NC0020761	NC0020761	@	N. WILKESBORO WPCP	1	1	PCS
NC0020800	NC0020800	@	ANDREWS TP	1	3	PCS
NC0020826	NC0020826	@	OATES CREEK WTP	0	4	PCS
NC0020940	NC0020940	@	MURPHY WTP	1	1	PCS
NC0021024	NC0021024	@	ROXBORO WWTP	4	5	PCS
NC0021105	NC0021105	@	MT.GILEAD WWTP	0	1	PCS
NC0021121	NC0021121	@	MT. AIRY MUN. WWTP	0	14	PCS
NC0021156	NC0021156	@	AERATION	3	6	PCS
NC0021181	NC0021181	@	BELTON WWTP	0	6	PCS
NC0021211	NC0021211	@	GRAHAM WWTP	0	7	PCS
NC0021229	NC0021229	@	OLD FORT WWTP	0	4	PCS
NC0021261	NC0021261	@	KERNERSVILLE-SALEM	1	2	PCS
NC0021318	NC0021318	@	RANLO WTP	1	1	PCS
NC0021369	NC0021369	@	COLUMBUS WWTP	0	1	PCS
NC0021423	NC0021423	@	SPRUCE PINE WWTP	1	2	PCS
NC0021474	NC0021474	@	MEBANE STP	4	9	PCS
NC0021601	NC0021601	@	TRYON MUN. WWTP	0	2	PCS
NC0021628	NC0021628	@	NORWOOD STP	0	2	PCS
NC0021636	NC0021636	@		1	1	PCS
NC0021709	NC0021709	@		0	0	PCS
NC0021717	NC0021717	@	WILKESBORO WWTP	0	3	PCS
NC0021784	NC0021784	@	ELLERBE WWTP	0	1	PCS
NC0021865	NC0021865	@	CHADBOURN MUNICIPAL	1	1	PCS
NC0021873	NC0021873	@	MAYODAN WWTP	0	3	PCS
NC0021890	NC0021890	@	GRANITE FALLS WWTP	0	1	PCS
NC0021920	NC0021920	@	WHITEVILLE WWTP	1	3	PCS
NC0023337	NC0023337	@	SCOTLAND NECK STP	0	2	PCS
NC0023868	NC0023868	@	EAST BURLINGTON WWTP	4	37	PCS
NC0023892	NC0023892	@	TOWN CREEK STP	4	17	PCS
NC0023906	NC0023906	@	HOMINY CREEK PLANT	0	0	PCS
NC0023931	NC0023931	@	GREENVILLE WWTP	4	7	PCS
NC0023949	NC0023949	@	GOLDSBORO WWTP	1	11	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NC0023957	NC0023957	@	CROSS CREEK WWTP	6	15	PCS
NC0023965	NC0023965	@	J A LOUGHLIN PLANT	1	8	PCS
NC0023981	NC0023981	@	LOWER CREEK WWTP	2	8	PCS
NC0024112	NC0024112	@	HAMBY CK WASTE TR PL	4	14	PCS
NC0024121	NC0024121	@	WILSON BAY WWTP	0	0	PCS
NC0024147	NC0024147	@	BUFFALO CREEK STP	7	17	PCS
NC0024201	NC0024201	@	ROANOKE RAPIDS WWTP	0	5	PCS
NC0024210	NC0024210	@	EASTSIDE PCP	15	30	PCS
NC0024244	NC0024244	@	ALBEMARLE STP	3	8	PCS
NC0024252	NC0024252	@	NORTHEAST WWTP	1	2	PCS
NC0024333	NC0024333	@	MONROE WWTP	6	19	PCS
NC0024368	NC0024368	@	ZEBULON WWTP	0	0	PCS
NC0024538	NC0024538	@	WASTEWATER TRT PLT	2	7	PCS
NC0024571	NC0024571	@	LUMBERTON WWTP	0	8	PCS
NC0024872	NC0024872	@	COOLEEMEE WTP	0	2	PCS
NC0024881	NC0024881	@	TROUBLESOME CR STP	4	7	PCS
NC0024911	NC0024911	@	MSD MAIN WASTEWATER	25	41	PCS
NC0024945	NC0024945	@	IRWIN CREEK TP	27	143	PCS
NC0025011	NC0025011	@	ELIZABETH CITY WTP	1	3	PCS
NC0025020	NC0025020	@	WENDELL WWTP	3	3	PCS
NC0025054	NC0025054	@	SOUTHSIDE #2	2	6	PCS
NC0025071	NC0025071	@	MEBANE BRIDGE WWTP	0	7	PCS
NC0025321	NC0025321	@	WAYNESVILLE STP	0	1	PCS
NC0025348	NC0025348	@	NEW BERN WWTP	5	7	PCS
NC0025445	NC0025445	@	RANDLEMAN WWTP	0	6	PCS
NC0025453	NC0025453	@	CLAYTON WWTP	1	1	PCS
NC0025496	NC0025496	@	LINCOLNTON WWTP	1	10	PCS
NC0025534	NC0025534	@	HENDERSONVILLE WWTP	0	4	PCS
NC0025577	NC0025577	@	RED SPRINGS STP	0	1	PCS
NC0025984	NC0025984	@	FOREST CITY WWTP	0	4	PCS
NC0026042	NC0026042	@	ROBERSONVILLE WWTP	0	1	PCS
NC0026051	NC0026051	@	TRIANGLE WWTP	8	43	PCS
NC0026123	NC0026123	@	ASHEBORO WWTP	3	16	PCS
NC0026433	NC0026433	@	HILLSBORO WWTP	0	2	PCS
NC0026441	NC0026441	@	SILER CITY WWTP	0	4	PCS
NC0026514	NC0026514	@	RAEFORD WWTP	1	2	PCS
NC0026549	NC0026549	@	CLAREMONT SOUTH WWTP	0	4	PCS
NC0026557	NC0026557	@	MUNICIPAL PLANT	1	1	PCS
NC0026565	NC0026565	@	RAMSEUR WTR POLL CNT	0	1	PCS
NC0026573	NC0026573	@	CATAWBA RIVER PCF	0	15	PCS
NC0026646	NC0026646	@	PILOT MOUNTAIN WWTP	1	6	PCS
NC0026689	NC0026689	@	DENTON STP	0	1	PCS
NC0026824	NC0026824	@	JOHN UMSTEAD HOSP ST	0	0	PCS
NC0027120	NC0027120	@	LAURINBURG-MAXTON WW	2	2	PASS
NC0028011	NC0028011	@	STONEVILLE-MAYO RPCF	0	1	PCS
NC0028118	NC0028118	@	FUQUAY-VARINA WTP	0	3	PCS
NC0028916	NC0028916	@	TROY OXID, LAGOON	0	3	PCS
NC0029033	NC0029033	@	NEUSE RIVER WWTP	6	28	PCS
NC0029572	NC0029572	@	SR 1218	1	3	PCS
NC0030317	NC0030317	@	ROCKY MOUNT WWTP	6	21	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NC0030759	NC0030759	@	SMITH CREEK WWTP	2	2	PCS
NC0031879	NC0031879	@	CORPENING CREEK WWTP	1	7	PCS
NC0032077	NC0032077	@	S PITT CO INT & WTP	0	0	PCS
NC0036196	NC0036196	@	CLARK CREEK	2	16	PCS
NC0036269	NC0036269	@	NEW ROCKY RIVER WWTP	2	16	PCS
NC0037508	NC0037508	@	MOORE CO REGIONAL WW	2	5	PCS
NC0037834	NC0037834	@	ARCHIE ELLEDGE WWTP	15	37	PASS
NC0039578	NC0039578	@	JACKSON CO. WWTP	0	1	PCS
NC0041408	NC0041408	@	ANSON COUNTY WWTP	1	6	PCS
NC0041696	NC0041696	@	MCGALLIARD CRK WWTP	0	8	PCS
NC0043532	NC0043532	@	LONG CREEK	0	1	PCS
NC0044440	NC0044440	@	BALLARD COLL SYS	0	2	PCS
NC0046728	NC0046728	@	ROCKY RIVER WWTP	1	5	PCS
NC0047384	NC0047384	@	OSBORNE (METRO) WWTP	11	25	NONE
NC0048879	NC0048879	@	COLE'S BRANCH-NORTH	0	2	PCS
NC0050903	NC0050903	@	WEST STP (BEAR CK)	0	0	PCS
NC0055786	NC0055786	@	LEX. REG. WWTP	0	0	PCS
NC0058548	NC0058548	@	STAR WWTP	0	0	PCS
NC0062855	NC0062855	@	ROBBINS STP	0	0	PCS
NC0064050	NC0064050	@	MIDDLE CREEK WWTP	0	0	PCS
NC0064891	NC0064891	@	KENLY STP	0	0	PCS
*** Total ***				238	998	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
ND0022870	ND0022870	@	FARGO WWTP	0	8	PCS
ND0022888	ND0022888	@	GRAND FORKS LAGOON	0	11	PCS
ND0023434	ND0023434	@	BISMARCK WWTP	2	11	PCS
*** Total ***				2	30	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NH0100056	NH0100056	@	DERRY STP	3	4	PCS
NH0100161	NH0100161	@	MERRIMACK WWTP	4	8	PCS
NH0100170	NH0100170	@	NASHUA WWTP	17	134	PCS
NH0100277	NH0100277	@	SOMERSWORTH WWTP	2	3	PCS
NH0100447	NH0100447	@	MANCHESTER WWTP	12	25	PCS
NH0100471	NH0100471	@	MILFORD	0	24	NSSS
NH0100668	NH0100668	@	ROCHESTER WWTF	3	3	PCS
NH0100790	NH0100790	@	KEENE WWTP	5	9	PCS
NH0100871	NH0100871	@	EXETER WWTP	1	5	PCS
NH0100901	NH0100901	@	CONCORD HALL STREET	7	17	PCS
NH0100960	NH0100960	@	WINNIPESAUKEE RBWWTP	14	20	PCS
NH0101257	NH0101257	@	CLAREMONT WWTF	1	3	PCS
*** Total ***				69	255	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NJ0020028	NJ0020028	@	LITTLE FERRY STP	44	68	PCS
NJ0020141	NJ0020141	@	MIDDLESEX CO SA STP	39	112	PCS
NJ0020923	NJ0020923	@	TRENTON STP	5	12	PCS
NJ0021016	NJ0021016	@	PASSAIC VAL. SC STP	202	310	PCS
NJ0022349	NJ0022349	@	ROCKAWAY VAL RE STP	1	3	PCS
NJ0024015	NJ0024015	@	RANOCAS ROAD STP	3	6	PCS
NJ0024643	NJ0024643	@	RAHWAY VALLEY STP	22	60	PCS
NJ0024686	NJ0024686	@	GLOUCESTER CO STP	6	14	PCS
NJ0024708	NJ0024708	@	BAYSHORE REG STP	2	4	PCS
NJ0024741	NJ0024741	@	JT MEET STP	39	64	PCS
NJ0024759	NJ0024759	@	EWING-LAWRENCE STP	4	5	PCS
NJ0024813	NJ0024813	@	N.W.BERGEN CO STP	2	2	PCS
NJ0024864	NJ0024864	@	SOMERSET-RARITAN STP	10	20	PCS
NJ0024902	NJ0024902	@	HANOVER SA WWTP	9	9	PCS
NJ0024929	NJ0024929	@	WOODLAND STP	1	4	PCS
NJ0024953	NJ0024953	@	LINDEN ROSELLE STP	14	24	PCS
NJ0026182	NJ0026182	@	CAMDEN CO MAIN STP	14	27	PCS
NJ0026301	NJ0026301	@	HAMILTON TWP MAIN ST	4	22	PCS
NJ0028002	NJ0028002	@	MT. VIEW WPCP	1	12	PCS
NJ0028142	NJ0028142	@	NORTHERN WPCF	5	10	PCS
NJ0029386	NJ0029386	@	TWO BRIDGES STP	5	6	PCS
NJ0031119	NJ0031119	@	STONY BROOK RSA STP	2	5	PCS
*** Total ***				434	799	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NM0020311	NM0020311	@	ROSWELL STP	1	1	PCS
NM0022250	NM0022250	@	ALBUQUERQUE WWTP 2	38	91	PCS
NM0022292	NM0022292	@	AIRPORT ROAD STP	1	3	PCS
NM0023311	NM0023311	@	LAS CRUCES STP	2	8	PCS
*** Total ***				42	103	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NV0020133	NV0020133	@	LAS VEGAS WWTF	2	3	PASS
NV0020150	NV0020150	@	RENO-SPARKS WWTF	11	88	PASS
NV0020222	NV0020222	@	CARSON CITY WWTF	5	12	PASS
NV0021261	NV0021261	@	CLARK CO. AWWTP	3	15	PCS
NVU900000	NVU900000	@	HENDERSON WWTF 3	1	7	PASS
*** Total ***				22	125	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NY0020290	NY0020290	@	AMSTERDAM STP	0	1	PCS
NY0020516	NY0020516	@	SCHENECTADY STP	2	6	PCS
NY0020681	NY0020681	@	BLASDELL STP	0	1	PCS
NY0021610	NY0021610	@	WEBSTER STP	1	3	PCS
NY0021903	NY0021903	@	AUBURN STP	5	7	PCS
NY0022331	NY0022331	@	MIDDLEPORT STP	1	2	PCS
NY0022403	NY0022403	@	LITTLE FALLS STP	2	2	PCS
NY0022446	NY0022446	@	NEW WINDSOR STP SD	1	5	PCS
NY0022748	NY0022748	@	SUFFERN STP	1	3	PCS
NY0024414	NY0024414	@	B-JC JOINT SD STP	7	7	PCS
NY0025780	NY0025780	@	ONEIDA CO SD WPCP	11	23	PCS
NY0025950	NY0025950	@	AMHERST SD #16 STP	1	2	PCS
NY0025968	NY0025968	@	CANANDAIGUA STP	1	2	PCS
NY0025976	NY0025976	@	BEACON WPCP	0	2	PCS
NY0025984	NY0025984	@	FIELD MEMORIAL WPCP	1	1	PCS
NY0026018	NY0026018	@	PLATTSBURGH STP	6	7	PCS
NY0026042	NY0026042	@	G-J JOINT SD STP	16	17	PCS
NY0026051	NY0026051	@	ORANGETOWN DPW	10	31	PCS
NY0026131	NY0026131	@	WARDS ISLAND WPCP	225	279	PCS
NY0026255	NY0026255	@	POUGHKEEPSIE STP	1	2	PCS
NY0026280	NY0026280	@	NORTH TONAWANDA STP	2	3	PCS
NY0026301	NY0026301	@	FULTON STP	2	4	PCS
NY0026310	NY0026310	@	NEWBURGH STP	1	3	PCS
NY0026336	NY0026336	@	NIAGARA FALLS WWTP	24	32	PCS
NY0026395	NY0026395	@	TWO MILE CRK.SD STP	3	9	PCS
NY0026450	NY0026450	@	BAY PARK WPCP	36	47	PCS
NY0026514	NY0026514	@	BATAVIA STP	4	5	PCS
NY0026620	NY0026620	@	GLEN COVE STP	3	4	PCS
NY0026638	NY0026638	@	ITHACA AREA WWT	0	0	PCS
NY0026701	NY0026701	@	MAMARONECK SAN. SEW.	28	66	PCS
NY0026875	NY0026875	@	NORTH ALBANY STP	2	21	PCS
NY0027049	NY0027049	@	MARSH CREEK STP	3	7	PCS
NY0027057	NY0027057	@	LOCKPORT WWTP	5	9	PCS
NY0027081	NY0027081	@	METRO SYRACUSE STP	42	62	PCS
NY0027162	NY0027162	@	OLEAN WWTP	2	8	PCS
NY0027561	NY0027561	@	CORTLAND WWTP	2	4	PCS
NY0027570	NY0027570	@	JAMESTOWN WWTP	9	10	PCS
NY0027669	NY0027669	@	ENDICOTT STP	2	4	PCS
NY0027774	NY0027774	@	NEWFANE STP	2	3	PCS
NY0027961	NY0027961	@	DUNKIRK STP	4	15	PCS
NY0027979	NY0027979	@	NIAGARA CO SD#1 STP	3	4	PCS
NY0028231	NY0028231	@	N W QUADRANT TP	41	68	PCS
NY0028240	NY0028240	@	SARATOGA CO SD#1 STP	1	2	PCS
NY0028410	NY0028410	@	BIRD ISLAND STP	40	160	PCS
NY0028533	NY0028533	@	HAVERSTRAW J.R. STP	1	3	PCS
NY0029050	NY0029050	@	GLEN FALLS STP	4	4	PCS
NY0029114	NY0029114	@	EASTSIDE STP	1	1	PCS
NY0029475	NY0029475	@	NEWARK STP	3	4	PCS
NY0029831	NY0029831	@	OGDENSBURG WPCP	2	3	PCS
NY0030864	NY0030864	@	ROME STP	2	3	PCS

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
NY0031895	NY0031895	@	ROCKLAND SD #1 STP	3	12	PCS
NY0035742	NY0035742	@	CHEMUNG CO. REG. WWF	7	13	PCS
NY0036528	NY0036528	@	HERKIMER CO WTP	3	4	PCS
NY0087971	NY0087971	@	RCSD NO.1 STP	2	5	PCS
NY0095401	NY0095401	@	SOUTHTOWNS STP	4	6	PCS
NY0104809	NY0104809	@	SOUTHWEST SD #3	86	789	PCS
*** Total ***					671	1800

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
OH	OH0025275	@	FRANKLIN PLANT	0	0	PCS
OH0020109	OH0020109	@	GENEVA SUB AREA STP	1	2	PCS
OH0020133	OH0020133	@	WEST CARROLLTON STP	2	2	PCS
OH0020371	OH0020371	@	ORRVILLE STP	4	9	PCS
OH0020516	OH0020516	@	MASSILLON STP	3	8	PCS
OH0020532	OH0020532	@	BRYAN STP	4	6	PCS
OH0020630	OH0020630	@	MARYSVILLE STP	1	4	PCS
OH0020672	OH0020672	@	BELLEVUE WWT PLANT	3	5	PCS
OH0020834	OH0020834	@	JACKSON STP	1	5	PCS
OH0020907	OH0020907	@	EATON STP	1	6	PCS
OH0021440	OH0021440	@	HARRISON STP	0	21	PCS
OH0021539	OH0021539	@	HEBRON STP	0	3	PCS
OH0023221	OH0023221	@	RAVENNA STP	2	6	PCS
OH0023400	OH0023400	@	WAUSEON WWTP	1	4	PCS
OH0023531	OH0023531	@	NEW LEXINGTON STP	2	3	PCS
OH0023833	OH0023833	@	AKRON WWTP	17	82	PCS
OH0023868	OH0023868	@	ALLIANCE STP	4	12	PCS
OH0023906	OH0023906	@	ASHLAND WTF	3	8	PCS
OH0023914	OH0023914	@	ASHTABULA PLANNING A	2	20	PCS
OH0023981	OH0023981	@	AVON LAKE WWTP	4	5	PCS
OH0024007	OH0024007	@	BARBERTON WWTP	1	3	PCS
OH0024058	OH0024058	@	BEDFORD HEIGHTS WWTP	4	4	PCS
OH0024066	OH0024066	@	BELLEFONTAINE WWTP	3	4	PCS
OH0024309	OH0024309	@	CAMBRIDGE STP	1	4	PCS
OH0024350	OH0024350	@	CANTON WASTEWATER PL	13	22	PCS
OH0024406	OH0024406	@	CHILLICOTHE STP WEST	1	2	PCS
OH0024465	OH0024465	@	CIRCLEVILLE STP	1	3	PCS
OH0024643	OH0024643	@	EASTERLY WWTP	160	169	PCS
OH0024732	OH0024732	@	JACKSON PIKE WTP	40	95	PCS
OH0024767	OH0024767	@	CONNEAUT WTP	3	11	PCS
OH0024775	OH0024775	@	COSHOCSTON STP	1	3	PCS
OH0024881	OH0024881	@	DAYTON STP	49	51	PCS
OH0024899	OH0024899	@	DEFIANCE WWTP	4	10	PCS
OH0024911	OH0024911	@	DELAWARE STP	3	6	PCS
OH0024929	OH0024929	@	DELPHOS STP	3	7	PCS
OH0024970	OH0024970	@	EAST LIVERPOOL STP	0	5	PCS
OH0025003	OH0025003	@	ELYRIA WWP	11	20	PCS
OH0025135	OH0025135	@	FINDLAY WWTP	7	10	PCS
OH0025291	OH0025291	@	FREMONT WPCC	7	17	PCS
OH0025313	OH0025313	@	GALION WWTP	0	1	PCS
OH0025364	OH0025364	@	GIRARD STP	1	3	PCS
OH0025381	OH0025381	@	BEAVER CREEK WWTP	0	6	PCS
OH0025429	OH0025429	@	GREENVILLE STP	2	10	PCS
OH0025445	OH0025445	@	HAMILTON WTP	6	7	PCS
OH0025461	OH0025461	@	MILL CREEK STP	123	185	PCS
OH0025763	OH0025763	@	HEATH STP	1	2	PCS
OH0025917	OH0025917	@	KENT STP	1	7	PCS
OH0026018	OH0026018	@	LAKEWOOD WWTP	0	1	PCS
OH0026026	OH0026026	@	LANCASTER STP	3	15	PCS
OH0026069	OH0026069	@	LIMA WWTP	6	7	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
OH0026093	OH0026093	@	BLACK RIVER WTP	3	16	PCS
OH0026328	OH0026328	@	MANSFIELD WWTP	16	16	PCS
OH0026344	OH0026344	@	MARIETTA SEWAGE TRT	5	6	PCS
OH0026352	OH0026352	@	MARION WPCC	1	12	PCS
OH0026522	OH0026522	@	MIDDLETOWN WWTP	9	9	PCS
OH0026590	OH0026590	@	EASTERN REGIONAL PLA	6	11	PCS
OH0026671	OH0026671	@	NEWARK STP	4	15	PCS
OH0026689	OH0026689	@	NEWCOMERSTOWN STP	0	2	PCS
OH0026727	OH0026727	@	NEW PHILADELPHIA STP	1	3	PCS
OH0026743	OH0026743	@	NILES STP	2	3	PCS
OH0026778	OH0026778	@	NORTH OLMSTED WWTP	1	1	PCS
OH0026948	OH0026948	@	PAINESILLE WWTP	3	7	PCS
OH0027049	OH0027049	@	PIQUA STP	7	16	PCS
OH0027332	OH0027332	@	SANDUSKY WPCF	1	7	PCS
OH0027421	OH0027421	@	SIDNEY STP	8	13	PCS
OH0027430	OH0027430	@	OLON CENTRAL WWTP	4	14	PCS
OH0027481	OH0027481	@	SPRINGFIELD STP	10	20	PCS
OH0027570	OH0027570	@	STRONGSVILLE B STP	0	3	PCS
OH0027740	OH0027740	@	BAY VIEW PARK WWTP	35	79	PCS
OH0027758	OH0027758	@	DYE HILL ROAD STP	5	10	PCS
OH0027863	OH0027863	@	TWINSBURG STP	4	7	PCS
OH0027880	OH0027880	@	URBANA STP	4	13	PCS
OH0027910	OH0027910	@	VAN WERT WWTP	3	6	PCS
OH0027936	OH0027936	@	WADSWORTH STP	5	7	PCS
OH0027952	OH0027952	@	WAPAKONETA STP	2	3	PCS
OH0027987	OH0027987	@	WARREN STP	7	9	PCS
OH0028002	OH0028002	@	WASHINGTON C.H. STP	2	15	PCS
OH0028118	OH0028118	@	WILLARD WWTP	1	6	PCS
OH0028126	OH0028126	@	WILLOUGHBY EASTLAKE	10	93	PCS
OH0028134	OH0028134	@	WILMINGTON STP	3	11	PCS
OH0028185	OH0028185	@	WOOSTER STP	6	13	PCS
OH0028223	OH0028223	@	YOUNGSTOWN WWTP	6	38	PCS
OH0028240	OH0028240	@	ZANESVILLE STP	1	31	PCS
OH0030503	OH0030503	@	ROCKY RIVER STP	1	4	PCS
OH0031062	OH0031062	@	EUCLID WWTP	0	52	NSSS
OH0034223	OH0034223	@	MAUMEE RIVER WWTP	6	8	PCS
OH0036790	OH0036790	@	MADISON STP	4	19	PCS
OH0037249	OH0037249	@	BOARDMAN STP	7	10	PCS
OH0043401	OH0043401	@	MOSQUITO CREEK WTP	2	2	PCS
OH0043567	OH0043567	@	MEDINA CTY. SD #500	5	6	PCS
OH0049387	OH0049387	@	AMELIA-BATAVIA STP	6	13	PCS
OH0049646	OH0049646	@	N. REGIONAL PLANT	5	8	PCS
OH0049999	OH0049999	@	BELMONT CO. SA	0	0	PCS
OH0052744	OH0052744	@	FOSTORIA STP	4	9	PCS
OH0052914	OH0052914	@	OREGON, WWTP	0	2	PCS
OH0064009	OH0064009	@	FISH CREEK STP	4	29	PCS
OH0072087	OH0072087	@	UPPER MILL CREEK	2	11	PCS
*** Total ***						

731 1589

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
OK0021628	OK0021628	@	ENID STP	0	3	PCS
OK0025992	OK0025992	@	SAPULPA SOUTH	0	5	PCS
OK0026018	OK0026018	@	CHICKASHA STP	3	7	PCS
OK0026051	OK0026051	@	SHAWNEE SOUTH STP	1	4	PCS
OK0026069	OK0026069	@	PONCA STP	3	7	PCS
OK0026221	OK0026221	@	NORTHSIDE STP	42	57	PCS
OK0026638	OK0026638	@	DUNCAN SOUTH PLANT	3	5	PCS
OK0026841	OK0026841	@	MIDWEST NORTHSIDE PL	1	4	PCS
OK0027057	OK0027057	@	STILLWATER STP	4	7	PCS
OK0027391	OK0027391	@	MOORE STP	2	2	PCS
OK0027561	OK0027561	@	DEER CREEK STP	35	168	PCS
OK0028134	OK0028134	@	OKMULGEE STP	1	4	PCS
OK0029131	OK0029131	@	MUSKOGEE STP	4	17	PCS
OK0029190	OK0029190	@	NORMAN STP	2	10	PCS
OK0030333	OK0030333	@	BARTLESVILLE PLANT 1	3	6	PCS
OK0030864	OK0030864	@	SAND SPRINGS STP	2	4	PCS
OK0031798	OK0031798	@	MIAMI SOUTHEAST STP	4	5	PCS
OK0035246	OK0035246	@	LAWTON STP	1	4	PCS
OK0038440	OK0038440	@	ARDMORE CENTRAL	2	7	PCS
*** Total ***				113	326	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
OR0020001	OR0020001	@	CITY OF WOODBURN	1	5	PCS
OR0020214	OR0020214	@	CANBY STP	2	7	PCS
OR0020257	OR0020257	@	CITY OF NEWBERG	3	4	PCS
OR0020460	OR0020460	@	CITY OF LA GRANDE	1	1	PCS
OR0023361	OR0023361	@	CITY OF NORTH BEND	0	4	PCS
OR0023574	OR0023574	@	COOS BAY #1	0	1	PCS
OR0026131	OR0026131	@	GRESHAM WWTP	2	9	PCS
OR0026140	OR0026140	@	OAK LODGE S.D. TP	1	2	PCS
OR0026191	OR0026191	@	CITY OF MCMINNVILLE	3	5	PCS
OR0026221	OR0026221	@	KELLOG CREEK WPCP	11	15	PCS
OR0026263	OR0026263	@	VERNON THORPE WQCP	8	18	PCS
OR0026301	OR0026301	@	K-FALLS SPRINGS ST	1	9	PCS
OR0026361	OR0026361	@	CORVALLIS STP	0	1	PCS
OR0026409	OR0026409	@	WILLOW LAKE STP	11	28	PCS
OR0026891	OR0026891	@	TRYON CREEK WWTP	47	81	PCS
OR0028118	OR0028118	@	DURHAM REGIONAL STP	30	34	PCS
OR0028801	OR0028801	@	ALBANY STP	2	7	PCS
OR0031224	OR0031224	@	EUGENE/SPRING. WPCF	15	41	PCS
OR0031259	OR0031259	@	TRI-CITY WPCP	1	3	PCS
OR0031356	OR0031356	@	CITY OF ROSEBURG	0	1	PCS
*** Total ***				139	276	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
PA0020125	PA0020125	@	MONACA STP	1	3	PCS
PA0020273	PA0020273	@	MILTON STP	2	10	PCS
PA0020290	PA0020290	@	QUAKERTOWN MTP	0	19	PCS
PA0020346	PA0020346	@	PUNXSUTAWNEY STP	2	2	PCS
PA0020486	PA0020486	@	BELLEFONTE STP	5	8	PCS
PA0020583	PA0020583	@	MIDDLEBURG STP	0	1	PCS
PA0021075	PA0021075	@	MYERSTOWN STP	0	0	PCS
PA0021172	PA0021172	@	HARVEY AVE WTP	1	2	PCS
PA0021580	PA0021580	@	CATASAUQUA BORO. STP	1	4	PCS
PA0021601	PA0021601	@	HAMBURG MUN AUTH SS	1	2	PCS
PA0021636	PA0021636	@	FLEETWOOD WWTP	1	3	PCS
PA0021865	PA0021865	@	ADAMSTOWN BORO. WWTP	0	3	PCS
PA0023248	PA0023248	@	BERWICK STP	0	3	PCS
PA0023531	PA0023531	@	DANVILLE STP	2	4	PCS
PA0024180	PA0024180	@	WEST SWAMP CREEK STP	1	1	PCS
PA0024708	PA0024708	@	UNION TWP STP	1	2	PCS
PA0024759	PA0024759	@	CURWENSVILLE STP	0	2	PCS
PA0025917	PA0025917	@	CHALFONT WWTP	2	2	PCS
PA0025933	PA0025933	@	LOCK HAVEN STP	4	4	PCS
PA0025976	PA0025976	@	UPPER MORELAND-HATBO	5	9	PCS
PA0025984	PA0025984	@	ALCOSAN WWTP	17	39	PCS
PA0026000	PA0026000	@	ALLENTOWN WWTP	10	40	PCS
PA0026018	PA0026018	@	TAYLOR RUN STP	2	4	PCS
PA0026034	PA0026034	@	JOHNSTOWN STP	1	3	PCS
PA0026042	PA0026042	@	BETHLEHEM WWTP	11	16	PCS
PA0026051	PA0026051	@	CHAMBERSBURG WTP	1	4	PCS
PA0026069	PA0026069	@	LATROBE STP	2	3	PCS
PA0026077	PA0026077	@	CARLISLE STP	6	7	PCS
PA0026085	PA0026085	@	MATSUNK WATER PCC	2	8	PCS
PA0026107	PA0026107	@	WYOMING VALLEY STP	10	12	PCS
PA0026123	PA0026123	@	COLUMBIA BOROUGH STP	6	6	PCS
PA0026166	PA0026166	@	WARMINSTER STP	3	3	PCS
PA0026191	PA0026191	@	HUNTINGDON WSA	3	8	PCS
PA0026212	PA0026212	@	WASH. E. WASH. STP	2	6	PCS
PA0026247	PA0026247	@	HATFIELD TWP STP	3	6	PCS
PA0026263	PA0026263	@	YORK WPCP	15	52	PCS
PA0026301	PA0026301	@	ERIE CITY STP	21	41	PCS
PA0026361	PA0026361	@	LOWER LACKAWANNA STP	1	4	PCS
PA0026379	PA0026379	@	BRADFORD STP	2	8	PCS
PA0026387	PA0026387	@	ST. MARY'S STP	4	10	PCS
PA0026450	PA0026450	@	BRISTOL TWP STP	2	5	PCS
PA0026484	PA0026484	@	DERRY TOWNSHIP WPC	0	5	PCS
PA0026492	PA0026492	@	SCRANTON SEWER AUTHO	3	12	PCS
PA0026549	PA0026549	@	FRITZ ISLAND WWTP	14	49	PCS
PA0026557	PA0026557	@	SUNBURY STP	7	17	PCS
PA0026603	PA0026603	@	AMBLER NORTH & SOUTH	5	10	PCS
PA0026662	PA0026662	@	SOUTHEAST WPC PLANT	86	96	PCS
PA0026697	PA0026697	@	BUTLER AREA STP	2	2	PCS
PA0026727	PA0026727	@	TYRONE REGIONAL STP	3	3	PCS
PA0026743	PA0026743	@	LANCASTER SOUTH WPC	3	18	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
PA0026751	PA0026751	@	INDIANA STP	0	7	PCS
PA0026786	PA0026786	@	POTTSTOWN BORO. STP	6	20	PCS
PA0026794	PA0026794	@	CONSHOHOCKEN WWTP	3	5	PCS
PA0026808	PA0026808	@	SPRINGETTSBURGY TWP	9	57	PCS
PA0026816	PA0026816	@	E.NORRISTON-PLYMOUTH	2	12	PCS
PA0026875	PA0026875	@	HANOVER STP	3	8	PCS
PA0026913	PA0026913	@	MCKEESPORT STP	3	7	PCS
PA0026921	PA0026921	@	HAZELTON SEWAGE TP	0	8	PCS
PA0027014	PA0027014	@	ALTOONA EASTERLY STW	2	15	PCS
PA0027049	PA0027049	@	WEST STP	1	33	PCS
PA0027065	PA0027065	@	ARCHIBALD WWTP	6	14	PCS
PA0027103	PA0027103	@	DELCORA CHESTER STP	3	8	PCS
PA0027111	PA0027111	@	NEW KENSINGTON STP	1	3	PCS
PA0027189	PA0027189	@	LOWER ALLEN	0	4	PCS
PA0027197	PA0027197	@	HARRISBURG STP	6	9	PCS
PA0027235	PA0027235	@	EASTON STP	7	40	PCS
PA0027316	PA0027316	@	LEBANON WWTP	1	24	PCS
PA0027421	PA0027421	@	NORRISTOWN BORO. STP	1	4	PCS
PA0027511	PA0027511	@	NEW CASTLE WPCP	4	7	PCS
PA0027626	PA0027626	@	KISKI VALLEY WPCA	1	3	PCS
PA0028681	PA0028681	@	KELLY TWP STP	1	1	PCS
PA0031062	PA0031062	@	ROBESONIA-WERNERVILL	0	2	PCS
PA0032557	PA0032557	@	LOGAN TWP STP	0	0	PCS
PA0036650	PA0036650	@	TITUSVILLE STP	1	4	PCS
PA0037150	PA0037150	@	PENN TOWNSHIP STP	4	9	PCS
PA0039004	PA0039004	@	UPP GWYN-TOW STP	1	2	PCS
PA0042269	PA0042269	@	LANCASTER AREA SAWPC	4	8	PCS
PA0043681	PA0043681	@	ATHENS-SAYRE STP	0	3	PCS
PA0043877	PA0043877	@	POTTSVILLE WEST END	1	5	PCS
PA0043974	PA0043974	@	VALLEY FORGE STP	5	17	PCS
PA0046868	PA0046868	@	CHAPEL HILL STP	0	1	PCS
PA0070271	PA0070271	@	MAIDENCREEK TWP	0	1	PCS
*** Total ***				352	922	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
PR0023728	PR0023728	@	PRASA BAYAMON	8	31	PCS
*** Total ***				8	31	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
RI0100005	RI0100005	@	BRISTOL WWT	1	10	PCS
RI0100013	RI0100013	@	CRANSTON WPCF	24	68	PCS
RI0100030	RI0100030	@	EAST GREENWICH WWTF	2	2	PCS
RI0100048	RI0100048	@	PONHAM TERRACE WWTF	9	13	PCS
RI0100064	RI0100064	@	WESTERLY WWTF	0	2	PCS
RI0100072	RI0100072	@	BUCKLIN PT STP	53	75	PCS
RI0100111	RI0100111	@	WOONSOCKET WWTP	5	25	PCS
RI0100153	RI0100153	@	WEST WARWICK WPCF	2	8	PCS
RI0100234	RI0100234	@	WARWICK WWTF	10	13	PCS
RI0100293	RI0100293	@	NEWPORT WPCP	0	4	PCS
RI0100315	RI0100315	@	FIELDS POINT WWTF	137	194	PCS
RI0100374	RI0100374	@	SOUTH KINGSTOWN WWTF	0	4	PCS
RI0100404	RI0100404	@	QUONSET POINT WWTF	2	10	PCS
*** Total ***				245	428	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
SC	SC	@	NO PERMIT(LAND APPL)	0	0	PCS
SC0020125	SC0020125	@	W. JACKSON CK. PLANT	0	1	PCS
SC0020214	SC0020214	@	DAIRY STREET PLANT	1	1	PCS
SC0020249	SC0020249	@	CHERAW WWTP	4	7	PCS
SC0020257	SC0020257	@	SOUTH MAIN ST. PLANT	0	5	PCS
SC0020427	SC0020427	@	LAWSON FORK WWTP	12	50	PCS
SC0020443	SC0020443	@	MANCHESTER CRK PLANT	3	16	PCS
SC0020681	SC0020681	@	CORNER CREEK LAGOON	1	4	PCS
SC0020702	SC0020702	@	LAURENS WWTP	0	3	PCS
SC0020737	SC0020737	@	DILDINE CREEK PLANT	0	2	PCS
SC0020745	SC0020745	@	DUCWORTH PLANT	2	2	PCS
SC0020761	SC0020761	@	MAPLE CREEK WWTP	3	5	PCS
SC0020940	SC0020940	@	METROPOLITAN WWTP	7	9	PCS
SC0021199	SC0021199	@	MENG CREEK PLANT	0	6	PCS
SC0021300	SC0021300	@	LYMAN WWTP	4	13	PCS
SC0021539	SC0021539	@	SOUTHEAST OX POND	2	3	PCS
SC0021580	SC0021580	@	HARTSVILLE WWTP	0	1	PCS
SC0021601	SC0021601	@	INMAN STP	1	1	PCS
SC0021661	SC0021661	@	TOWN CREEK LAGOON	2	2	PCS
SC0021709	SC0021709	@	WILSON CREEK STP	5	24	PCS
SC0022080	SC0022080	@	LANCASTER STP	3	4	PCS
SC0022110	SC0022110	@	PACOLET RIVER PLANT	3	7	PCS
SC0022128	SC0022128	@	FLORENCE MAIN PLANT	5	11	PCS
SC0022381	SC0022381	@	SALUDA WWTP	0	0	PCS
SC0022390	SC0022390	@	WHITEMIRE WWTP	0	1	PCS
SC0023752	SC0023752	@	GENEROSTEE CRK WWTP	0	19	PCS
SC0024287	SC0024287	@	MAULDIN RD PLANT	63	107	PCS
SC0024457	SC0024457	@	HORSE CREEK WWTP	7	12	PCS
SC0024465	SC0024465	@	BATESBURG STP	0	5	PCS
SC0024481	SC0024481	@	ORANGEBURG STP	4	6	PCS
SC0024490	SC0024490	@	BUSH RIVER PLANT	0	7	PCS
SC0024783	SC0024783	@	FELIX C. DAVIS WWTP	6	35	PCS
SC0025135	SC0025135	@	ANDREWS WWTP	1	2	PCS
SC0025178	SC0025178	@	BENNETTSVILLE STP	1	3	PCS
SC0025330	SC0025330	@	BROOKE AVENUE PLANT	2	2	PCS
SC0025798	SC0025798	@	KERSHAW WWTP	0	2	PCS
SC0025933	SC0025933	@	EAST PLANT	0	1	PCS
SC0025976	SC0025976	@	BIG CREEK EAST PLANT	0	0	PCS
SC0026042	SC0026042	@	CANOE CREEK	0	1	PCS
SC0026166	SC0026166	@	CRAMER LAGOON	0	2	PCS
SC0026417	SC0026417	@	BLACKVILLE STP	1	1	PCS
SC0027707	SC0027707	@	POCOTALIGO R. WWTP	5	16	PCS
SC0031551	SC0031551	@	CLARY WWTP	6	17	PCS
SC0033553	SC0033553	@	CONCROSS CREEK	11	18	PCS
SC0035378	SC0035378	@	BISHOPVILLE STP	1	3	PCS
SC0035700	SC0035700	@	REGIONAL SWR	0	1	PCS
SC0035971	SC0035971	@	NEW PLANT	1	3	PCS
SC0036081	SC0036081	@	SANDY RIVER PLANT	4	13	PCS
SC0038156	SC0038156	@	FISHING CREEK PLANT	1	6	PCS
SC0039624	SC0039624	@	BLACK CREEK PLANT	1	6	PCS

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
SC0039853	SC0039853	@	MIDDLE BRANCH PLANT	3	7	PCS
SC0039918	SC0039918	@	ALLENDALE WWTP	1	3	PCS
SC0040215	SC0040215	@	DENMARK TOWN LAGOON	0	0	PCS
SC0040614	SC0040614	@	LONG CANE CREEK	0	2	PCS
SC0040789	SC0040789	@	TWO NOTCH ROAD PLANT	0	0	PCS
SC0040860	SC0040860	@	NEWBERRY CO. PLANT 1	1	2	PASS
SCU063016	SCU063016	@	WILLISTON	0	0	PCS
SCU963401	SCU963401	@	SUMMERTON WWTP-NONDI	0	0	PCS
*** Total ***				178	480	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
SD0022128	SD0022128	@	SIOUX FALLS WWT FACI	4	14	PCS
SD0023574	SD0023574	@	RAPID CITY WWT FACIL	7	18	PCS
*** Total ***				11	32	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
TN0020079	TN0020079	@	MARYVILLE REG. STP	2	3	PCS
TN0020095	TN0020095	@	WASTE WATER TREAT PL	3	7	PCS
TN0020141	TN0020141	@	GALLATIN STP	6	8	PCS
TN0020478	TN0020478	@	DAYTON WWTP	0	7	PCS
TN0020516	TN0020516	@	RED BANK STP	1	2	PCS
TN0020532	TN0020532	@	LAFOLLETTE STP	2	4	PCS
TN0020541	TN0020541	@	SMYRNA STP	2	8	PCS
TN0020575	TN0020575	@	CENTRAL WWTP	30	165	PCS
TN0020613	TN0020613	@	MCKENZIE STP	1	3	PCS
TN0020656	TN0020656	@	CLARKSVILLE STP	3	4	PCS
TN0020672	TN0020672	@	ROGERSVILLE WWTP	0	4	PCS
TN0020702	TN0020702	@	NEWPORT WWTP	2	3	PCS
TN0020729	TN0020729	@	T.E. MAXON STP-SOUTH	31	72	PCS
TN0020800	TN0020800	@	MOUNT PLEASANT STP	0	1	PCS
TN0020982	TN0020982	@	CREEK STP, TOWN	2	4	PCS
TN0021016	TN0021016	@	JONES CREEK STP	1	5	PCS
TN0021067	TN0021067	@	MILLINGTON WWTP	0	0	PCS
TN0021229	TN0021229	@	GREENEVILLE STP	9	9	PCS
TN0021261	TN0021261	@	SPRING CITY STP	0	2	PCS
TN0021342	TN0021342	@	ARLINGTON LAG. #2	3	5	PCS
TN0021580	TN0021580	@	UNION CITY STP	2	7	PCS
TN0021601	TN0021601	@	SMITHVILLE STP	3	3	PCS
TN0021687	TN0021687	@	PULASKI STP	4	4	PCS
TN0021814	TN0021814	@	FAYETTEVILLE STP	1	5	PCS
TN0021865	TN0021865	@	PORTLAND STP	2	3	PCS
TN0022551	TN0022551	@	LAWRENCEBURG WWTP	2	3	PCS
TN0022586	TN0022586	@	SINKING CREEK STP	5	23	PCS
TN0022888	TN0022888	@	LEWISBURG STP	1	12	PCS
TN0023001	TN0023001	@	ERWIN STP	0	5	PCS
TN0023469	TN0023469	@	TULLAHOMA WWTP	3	3	PCS
TN0023477	TN0023477	@	DYERSBURG SEWAGE SYS	2	8	PCS
TN0023507	TN0023507	@	MORRISTOWN WTP	15	17	PCS
TN0023515	TN0023515	@	ELIZABETHTON WWTP	8	10	PCS
TN0023531	TN0023531	@	GALLOWAY MILL PLT	8	22	PCS
TN0023582	TN0023582	@	KUWAHEE STP	10	29	PCS
TN0023591	TN0023591	@	MCMINNVILLE STP	2	2	PCS
TN0024121	TN0024121	@	CLEVELAND WWTP	16	20	PCS
TN0024155	TN0024155	@	OAK RIDGE WEST STP	3	4	PCS
TN0024180	TN0024180	@	SHELBYVILLE WWTP	2	8	PCS
TN0024198	TN0024198	@	COOKEVILLE STP	3	5	PCS
TN0024201	TN0024201	@	OOSTANAULA WWTP	4	7	PCS
TN0024210	TN0024210	@	MOCCASIN BEND WWTP	36	135	PCS
TN0024244	TN0024244	@	BRUSH CREEK WWTP	9	14	PCS
TN0024295	TN0024295	@	S. PITTSBURG STP	0	1	PCS
TN0024341	TN0024341	@	LEXINGTON E LAGOON	3	7	PCS
TN0024350	TN0024350	@	SEVIERVILLE WWTP	3	3	PCS
TN0024813	TN0024813	@	MILLAR DRIVE STP	6	23	PCS
TN0024961	TN0024961	@	SPRINGFIELD STP	4	7	PCS
TN0024996	TN0024996	@	CROSSVILLE STP	0	6	PCS
TN0025038	TN0025038	@	MANCHESTER STP	0	2	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
TN0025054	TN0025054	@	PIKEVILLE STP	1	1	PCS
TN0025101	TN0025101	@		0	1	PCS
TN0025267	TN0025267	@	ERIN STP	1	1	PCS
TN0025364	TN0025364	@	RIPLEY STP	0	2	PCS
TN0025372	TN0025372	@	MORRISON STP	3	3	PCS
TN0025411	TN0025411	@	ADAMSVILLE LAGOON	1	1	PCS
TN0025437	TN0025437	@	HARRIMAN STP	0	3	PCS
TN0025470	TN0025470	@	NIOTA TP	0	2	PCS
TN0025488	TN0025488	@	WATERTOWN STP	1	1	PCS
TN0026034	TN0026034	@	IND PARK LAGOON-INAC	0	2	PCS
TN0026174	TN0026174	@	BARNETT ST. LAGOON	1	1	PCS
TN0026247	TN0026247	@	BELLS LAGOON	1	2	PCS
TN0026263	TN0026263	@	CARYVILLE-JACKSBORO	1	3	PCS
TN0028754	TN0028754	@	LEBANON WWTP	2	9	PCS
TN0028827	TN0028827	@	FRANKLIN STP	1	1	PCS
TN0030899	TN0030899	@	NEW HARTSVILLE STP	1	1	PCS
TN0054585	TN0054585	@	JASPER STP	0	1	PCS
TN0056103	TN0056103	@	COLUMBIA WWTP	5	8	PCS
TN0057461	TN0057461	@	COLLIERVILLE STP	2	2	PCS
TN0058181	TN0058181	@	LOUDON STP	0	8	PCS
TN0061271	TN0061271	@	PARIS STP	0	2	PCS
TN0062022	TN0062022	@	BRADFORD STP	0	0	PCS
TN0062286	TN0062286	@	DRESDEN MAIN LAGOON	0	0	PCS
TN0062367	TN0062367	@	BROWNSVILLE STP	0	0	PCS
TN0062375	TN0062375	@	MILAN STP	0	0	PCS
TN0062545	TN0062545	@	MARTIN STP	0	0	PCS
TN0062588	TN0062588	@	HUMBOLDT WTP	0	0	PCS
*** Total ***				276	769	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
TX0005380	TX0005380	@	BAYPORT	0	0	PCS
TX0020478	TX0020478	@	IMPERIAL VALLEY	108	1366	PCS
TX0021784	TX0021784	@	SOUTHSIDE STP	1	12	PCS
TX0022217	TX0022217	@	LONGVIEW MAIN STP	6	28	PCS
TX0022268	TX0022268	@	SOUTHWEST STP	3	7	PCS
TX0022357	TX0022357	@	GAINESVILLE STP	3	12	PCS
TX0022373	TX0022373	@	ELKINS LAKE	0	3	PCS
TX0022527	TX0022527	@	TERRELL KINGS CREEK	5	7	PCS
TX0022616	TX0022616	@	STP #1	1	1	PCS
TX0022802	TX0022802	@	CENTRAL STP	88	187	PCS
TX0022811	TX0022811	@	TEN MILE CREEK STP	9	13	PCS
TX0023779	TX0023779	@	WILLOW CREEK WWTP	4	6	PCS
TX0023931	TX0023931	@	FLOYD BRANCH	4	7	PCS
TX0023973	TX0023973	@	ABILENE STP	6	20	PCS
TX0024309	TX0024309	@	LUFKIN STP	2	8	PCS
TX0024325	TX0024325	@	SHERMAN POST OAK CR	7	14	PCS
TX0024635	TX0024635	@	STP	1	4	PCS
TX0024686	TX0024686	@	DUCK CREEK STP	37	67	PCS
TX0025186	TX0025186	@	GBRA WILLOW ST. PLT.	0	1	PCS
TX0025453	TX0025453	@	PALESTINE TOWN CREEK	2	58	PCS
TX0025470	TX0025470	@	BRENHAM STP	0	7	PCS
TX0025801	TX0025801	@	RIVER ROAD STP	2	15	PCS
TX0026395	TX0026395	@	PARK TEN MUD	1	2	PCS
TX0026506	TX0026506	@	BRA WACO REGIONAL	10	19	PCS
TX0026751	TX0026751	@	HASKELL ST PLANT	14	34	PCS
TX0027537	TX0027537	@	WAXAHACHIE STP # 2	4	7	PCS
TX0027910	TX0027910	@	PARIS STP	1	8	PCS
TX0046957	TX0046957	@	GOVALLE STP	25	48	PCS
TX0046990	TX0046990	@	HILLEBRANDT STP	0	25	PCS
TX0047040	TX0047040	@	BROWNWOOD STP	0	10	PCS
TX0047058	TX0047058	@	OSO STP	3	5	PCS
TX0047155	TX0047155	@	STP	3	6	PCS
TX0047180	TX0047180	@	PECAN CREEK WRP	5	7	PCS
TX0047201	TX0047201	@	IRON ORE STP	5	10	PCS
TX0047261	TX0047261	@	OAK GROVE WWTP	2	2	PCS
TX0047295	TX0047295	@	VILLIAGE CREEK STP	53	102	PCS
TX0047309	TX0047309	@	MAIN STP	0	9	PCS
TX0047431	TX0047431	@	MESQUITE STP	3	5	PCS
TX0047449	TX0047449	@	MCALLEN STP 2	1	30	PASS
TX0047465	TX0047465	@	ODESSA MAIN PLANT	1	1	PCS
TX0047589	TX0047589	@	PORT ARTHUR MAIN STP	0	0	PCS
TX0047651	TX0047651	@	TEMPLE DOSHIER FARMS	3	4	PCS
TX0047686	TX0047686	@	WICH. FALLS RIVER RD	10	17	PCS
TX0047724	TX0047724	@	WEATHERFORD STP	1	3	PCS
TX0047830	TX0047830	@	CENTRAL STP	59	239	PCS
TX0047872	TX0047872	@	PASADENA DEEPWATER	0	5	PCS
TX0047911	TX0047911	@	PLANO-ROWLETT CR	5	13	PCS
TX0047929	TX0047929	@	HARLINGEN STP #2	2	8	PCS
TX0047945	TX0047945	@	SAN MARCOS STP	7	9	PCS
TX0047988	TX0047988	@	TYLER SOUTHSIDE STP	4	9	PCS

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
TX0052639	TX0052639	@	LEON CREEK STP	41	107	PCS
TX0052787	TX0052787	@	WESLACO STP	0	4	PCS
TX0052892	TX0052892	@	LEWISVILLE STP	5	10	PCS
TX0055123	TX0055123	@	NACOGD. STP #3	3	12	PCS
TX0055611	TX0055611	@	GREENVILLE STP	5	7	PCS
TX0056731	TX0056731	@	PLANT #2	1	10	PCS
TX0058114	TX0058114	@	SUGARLAND RSS	5	7	PCS
TX0058378	TX0058378	@	TEMPLE-BELTON RSS	3	4	PCS
TX0058955	TX0058955	@	SULPHUR SPRINGS STP	2	6	PCS
TX0071340	TX0071340	@	SOUTH STP	5	10	PCS
TX0101800	TX0101800	@	TEXARKANA SOUTH REG.	7	23	PCS
*** Total ***						
				588	2680	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
UT0020222	UT0020222	@	MORONI CITY WWTP	0	1	PCS
UT0020834	UT0020834	@	SPRINGVILLE	1	19	PCS
UT0020915	UT0020915	@	OREM STP	3	4	PCS
UT0020974	UT0020974	@	CENTRAL DAVIS WWTP	0	1	PCS
UT0021636	UT0021636	@	S. DAVIS CTY NORTH	3	18	PCS
UT0021717	UT0021717	@	PROVO STP	3	7	PCS
UT0021725	UT0021725	@	SLC RECLAMATION PLAN	17	30	PCS
UT0021741	UT0021741	@	N. DAVIS COUNTY WWTP	4	18	PCS
UT0021911	UT0021911	@	CENTRAL WEBER WWTP	7	24	PCS
UT0021920	UT0021920	@	LOGAN CITY STAB PON	3	4	PCS
UT0023639	UT0023639	@	TIMPANOGOS WWTP	0	2	PCS
UT0024384	UT0024384	@	S. VAL. OXID. DITCH	3	9	PCS
UT0024392	UT0024392	@	CENT. VAL. - MURRAY	17	19	PCS
*** Total ***				61	156	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
VA0020362	VA0020362	@	SOUTH BOSTON STP	2	5	PCS
VA0020451	VA0020451	@	ALTAVISTA STP	2	5	PCS
VA0021075	VA0021075	@	GALAX SEWAGE FACILIT	3	13	PCS
VA0021105	VA0021105	@	GORDONSVILLE STP	0	3	PCS
VA0024970	VA0024970	@	LYNCHBURG STP	16	29	PCS
VA0024988	VA0024988	@	WATER RECLAMATION PR	4	4	PCS
VA0024996	VA0024996	@	FALLING CREEK STP	1	7	PCS
VA0025020	VA0025020	@	ROANOKE WPCP	0	9	PCS
VA0025143	VA0025143	@	ARLINGTON CO WPCP	1	5	PCS
VA0025151	VA0025151	@	WAYNESBORO STP	4	6	PCS
VA0025160	VA0025160	@	ALEXANDRIA STP	3	12	PCS
VA0025305	VA0025305	@	MARTINSVILLE STP	1	6	PCS
VA0025364	VA0025364	@	LOWER POTOMAC PCP	6	11	PCS
VA0025437	VA0025437	@	PETERSBURG WWTP	3	9	PCS
VA0025518	VA0025518	@	MOORE'S CREEK STP	6	13	PCS
VA0060593	VA0060593	@	NORTHSIDE PCP	2	15	PCS
VA0060640	VA0060640	@	HARRISONBURG-ROCKING	3	10	PCS
VA0060844	VA0060844	@	STROUBLES CREEK	2	3	PCS
VA0061590	VA0061590	@	CULPEPER WPTP	1	2	PCS
VA0061654	VA0061654	@	UPPER SMITH RIVER ST	1	6	PCS
VA0062618	VA0062618	@	ATLANTIC PLANT	22	67	PCS
VA0063177	VA0063177	@	RICHMOND STP	19	30	PCS
VA0066630	VA0066630	@	HOPEWELL STP	4	6	PCS
*** Total ***				106	276	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
WA0020257	WA0020257	@	ANACORTES MAIN PLANT	2	8	PCS
WA0020419	WA0020419	@	RICHLAND WWTP	0	0	PCS
WA0024031	WA0024031	@	LYNNWOOD STP	1	1	PCS
WA0024350	WA0024350	@	WESTSIDE PLANT	2	23	PCS
WA0024473	WA0024473	@	SPOKANE STP	2	7	PCS
WA0024490	WA0024490	@	EVERETT STP	7	11	PCS
WA0029181	WA0029181	@	WEST POINT WWTP	75	206	PCS
WA0037087	WA0037087	@	TACOMA CENTRAL STP	21	44	PCS
*** Total ***				110	300	

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CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
WI0020991	WI0020991	@	GREEN BAY WWTP	9	35	PCS
WI0023221	WI0023221	@	APPLETON WWTP	6	14	PCS
WI0023370	WI0023370	@	BELOIT WWTP	5	11	PCS
WI0023469	WI0023469	@	BROOKFIELD STP	1	3	PCS
WI0023787	WI0023787	@	DEPERE WWTP	2	3	PCS
WI0023850	WI0023850	@	EAU CLAIRE WWTP	5	8	PCS
WI0023990	WI0023990	@	FOND DU LAC WPCF	8	11	PCS
WI0024597	WI0024597	@	NINE SPRINGS STW	10	10	PCS
WI0024601	WI0024601	@	MANITOWOC WWTP	13	23	PCS
WI0024767	WI0024767	@	JONES ISLAND SEW TRE	123	139	PCS
WI0025038	WI0025038	@	OSHKOSH WWTP	9	24	PCS
WI0025194	WI0025194	@	RACINE STP	17	34	PCS
WI0025411	WI0025411	@	SHEBOYGAN REG. WWTP	16	16	PCS
WI0025739	WI0025739	@	WAUSAU WWTP	11	15	PCS
WI0025763	WI0025763	@	WEST BEND WWTP	1	3	PCS
WI0026085	WI0026085	@	NEENAH-MENASHA WWTP	7	19	PCS
WI0028541	WI0028541	@	WATERTOWN STP	4	6	PCS
WI0028703	WI0028703	@	KENOSHA STP	8	13	PCS
WI0028819	WI0028819	@	SOUTH MILWAUKEE STP	4	5	PCS
WI0029581	WI0029581	@	ISLE LA PLUME STP	6	16	PCS
WI0029971	WI0029971	@	WAUKESHA STP	25	48	PCS
WI0030350	WI0030350	@	JANESVILLE WPCP	4	7	PCS
WI0031232	WI0031232	@	HEART OF THE VALLEY	1	1	PCS
*** Total ***				295	464	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
WV0023116	WV0023116	@	SOUTH CHARLESTON WTW	0	10	PCS
WV0023124	WV0023124	@	MORGANTOWN WPC FAC	1	11	PCS
WV0023159	WV0023159	@	HUNTINGTON STP	5	13	PCS
WV0023205	WV0023205	@	CHARLESTON TREAT WKS	0	2	PASS
WV0023213	WV0023213	@	PARKERSBURG STP	1	13	PCS
WV0023230	WV0023230	@	WHEELING WPC FAC	1	9	PCS
WV0023353	WV0023353	@	FAIRMONT S.T.P.	2	5	PCS
*** Total ***				10	63	

Report To Congress

CANPDES	NPID	STATUS	FACILITY'S NAME	CIUS	SIUS	SOURCE
WY0021920	WY0021920	@	CASPER WWTP	0	3	PCS
WY0022357	WY0022357	@		0	0	PCS
WY0022934	WY0022934	@	DRY CREEK	1	3	PCS
*** Total ***				1	6	

APPENDIX A-2

**SUMMARY OF INDUSTRIAL FLOWS FOR POTW
CONTROL AUTHORITIES**

Report to Congress
Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
AK	AK0023451	FAIRBANKS STP	@	8.00	6.34	0.01	NEEDS
AK0022551	AK0022551	POINT WORONZOF STP	@	34.00	30.96	3.80	NEEDS
AK0022551	AK0022543	EAGLE RIVER STP	c	1.29	0.30	0.00	NEEDS

Report to Congress
Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS-TRIAL FLOW, (MGD)	DATA SOURCE
AR0020010	AR0020010	FAYETTEVILLE PCP	@	10.00	7.93	1.62	NEEDS
AR0020273	AR0020273	SILOAM SPRINGS WWTF	@	3.00	3.00	1.00	NEEDS
AR0020303	AR0020303	FAULKNER LAKE STP	@	12.00	7.47	0.66	NEEDS
AR0020303	AR0020320	FIVE MILE CREEK STP	c	4.50	4.90	0.00	NEEDS
AR0020303	AR0038288	WHITE OAK BAYOU STP	c	4.25	2.57	0.00	NEEDS
AR0020702	AR0020702	BATESVILLE STP	@	4.40	4.02	1.80	NEEDS
AR0021466	AR0021466	ALMA WWT SYSTEM	@	1.30	0.40	0.30	NEEDS
AR0021482	AR0040967		c	0.00	0.00	0.00	NONE
AR0021482	AR0021482	VAN BUREN WCT SYST.	@	2.50	1.23	0.53	NEEDS
AR0021601	AR0021601	SEARCY STP	@	1.85	1.01	0.00	NEEDS
AR0021733	AR0021733	DE QUEEN STP	@	1.25	1.00	1.00	NEEDS
AR0021750	AR0021750	MASSARD CREEK STP	@	10.00	5.03	1.90	NEEDS
AR0021750	AR0033278	P STREET TP	c	10.00	8.05	3.20	NEEDS
AR0021768	AR0021768	RUSSELLVILLE WTP	@	6.50	2.81	0.90	NEEDS
AR0021806	AR0021806	ADAMS FIELD WWTP	@	30.44	51.35	5.79	NEEDS
AR0021806	AR0040177	FOURCHE WWTP	c	16.00	3.03	0.70	NEEDS
AR0021822	AR0021822	MONTICELLO WEST	@	1.60	0.91	0.00	NEEDS
AR0021822	AR0021831	MONTICELLO EAST	c	1.38	1.26	0.19	NEEDS
AR0022039	AR0022039	WEST MEMPHIS STP	@	4.50	2.22	0.20	NEEDS
AR0022063	AR0022063	SPRINGDALE STP	@	16.00	6.02	4.00	NEEDS
AR0022187	AR0022187	CLARKSVILLE STP	@	2.30	1.15	0.32	NEEDS
AR0022365	AR0022365	CAMDEN STP	@	3.20	2.02	0.00	NEEDS
AR0022403	AR0022403	BENTONVILLE STP	@	1.50	1.00	0.82	NEEDS
AR0022560	AR0022586		c	0.53	0.28	0.12	NEEDS
AR0022560	AR0022560	POND 3-SOUTHEAST	@	2.20	1.53	0.12	NEEDS
AR0022560	AR0022578		c	1.80	1.82	0.52	NEEDS
AR0033316	AR0033316	BOYD POINT PLANT	@	9.60	16.36	1.74	NEEDS
AR0033359	AR0033359	STONE DAM TREATMENT	@	6.00	4.04	0.50	NEEDS
AR0033464	AR0041335		c	6.57	5.50	0.70	NEEDS
AR0033464	AR0033464	WEST TREATMENT PLANT	@	2.88	3.03	0.30	NEEDS
AR0033723	AR0033723	SOUTH FACILITY	@	4.00	3.02	0.90	NEEDS
AR0033723	AR0033936	NORTH FACILITY	c	3.00	2.02	0.00	NEEDS
AR0033766	AR0033766	PARAGOULD POND	@	2.19	2.35	0.79	NEEDS
AR0033880	AR0033880	HOT SPRINGS STP	@	12.00	6.06	0.38	NEEDS
AR0034321	AR0034321	HARRISON STP	@	3.00	1.41	0.10	NEEDS
AR0034380	AR0034380	STUTTGART STP	@	2.16	2.02	0.11	NEEDS
AR0043397	AR0043397	ROGERS STP	@	4.00	2.51	1.70	NEEDS
AR0043401	AR0037907	JONESBORO WEST PLANT	c	3.00	3.03	0.30	NEEDS
AR0043401	AR0043401	JONESBORO EAST PLANT	@	2.00	2.74	0.10	NEEDS

Report to Congress
Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
AZ0020001	AZ0020001	INA ROAD WWTF	@	25.02	19.47	0.00	NEEDS
AZ0020001	AZ0020923	ROGER RD WWTF	c	30.00	29.00	1.00	NEEDS
AZ0020001	AZ0021628		c	0.00	0.00	0.00	NONE
AZ0020079	AZ0020079	SUNDOG WWTF	@	3.50	2.92	0.00	NEEDS
AZ0020150	AZ0020150	INTERNATIONAL WWTP	@	8.20	9.20	0.00	PASS
AZ0020338	AZ0020338	TOLLESON WWTF	@	2.50	6.70	0.00	NEEDS
AZ0020427	AZ0020427	WILDCAT HILL WWTF	@	6.00	3.79	0.20	NEEDS
AZ0020443	AZ0020443	YUMA WWTF	@	12.00	5.72	0.00	NEEDS
AZ0020559	AZ0020559	PHOENIX 23RD AVE WWT	@	37.20	51.84	0.00	NEEDS
AZ0020559	AZ0020524	PHOENIX 91ST AVE WWT	c	0.00	131.00	0.00	PASS
AZ0021091	AZ0021091	LONE BUTTE WWTP	@	10.00	3.50	0.70	PASS
AZ0021091	AZ	OCOTILLO WRP (PRIV)	c	0.00	0.00	0.00	NONE
AZ0021819	AZ0021819	KIOWA POND WWTF	@	2.00	0.40	0.40	PASS
AZ0021873	AZ0021873	CASA GRANDE WWTF	@	3.00	1.56	0.00	NEEDS
AZU900000	AZU900000	NO PLANT-TO PHEONIX	@	0.00	0.00	0.00	NONE
AZU910000	AZU910000	MESA WWTF	@	0.00	4.00	0.00	PASS
AZU920000	AZU920000	NO PLANT-TO TOLLESON	@	0.00	0.00	0.00	NONE
AZU930000	AZU930000	NO PLANT- TO PHEONIX	@	0.00	0.00	0.00	NONE
AZU940000	AZU940000	NO PLANT- TO PHEONIX	@	0.00	0.00	0.00	NONE

Report to Congress
Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW (MGD)	ACTUAL FLOW (MGD)	INDUS-TRIAL FLOW (MGD)	SOURCE OF FLOW DATA
CA0022756	CA0022756	CRESCENT CITY WWTF	@	1.89	0.99	0.27	NEEDS
CA0022764	CA0022764	LAGUNA WWTF	@	15.00	15.00	0.10	NEEDS
CA0024449	CA0024449	HILL STREET WWTF	@	5.20	4.90	0.74	PASS
CA0037532	CA0037532	MILLBRAE WWTF	@	3.00	2.09	0.00	NEEDS
CA0037541	CA0037541	SAN MATEO WWTF	@	13.60	13.07	0.00	NEEDS
CA0037559	CA0037559	ORO LOMA WWTF	@	20.00	13.00	1.30	PASS
CA0037575	CA0037575	NAPA-AMER. CANYON SD	@	15.40	13.58	0.30	NEEDS
CA0037591	CA0037591	ALVARADO #3 WWTF	@	19.70	20.70	2.63	NEEDS
CA0037613	CA0037613	DUBLIN-SAN RAMON WWT	@	9.00	7.70	0.02	NEEDS
CA0037621	CA0037621	SUNNYVALE WWTF	@	30.00	14.72	10.30	NEEDS
CA0037648	CA0037648	CENTRAL CONTRA COSTA	@	40.00	43.90	0.79	NEEDS
CA0037656	CA0037656	HAYWARD WWTF	@	13.10	12.94	2.33	PASS
CA0037664	CA0037672	NORTH POINT	c	67.70	54.10	0.00	PASS
CA0037664	CA0037664	N.POINT & SOUTHEAST	@	85.00	82.76	20.00	NEEDS
CA0037664	CA0037681	RICHMOND-SUNSET PT.	c	20.00	23.01	0.00	NEEDS
CA0037699	CA0037699	VSTED WWTF & RECL	@	12.50	10.99	0.20	NEEDS
CA0037702	CA0037702	EAST BAY MUD WWTF	@	120.00	83.22	10.00	NEEDS
CA0037729	CA0037729	RICHMOND WWTF	@	16.00	11.00	1.10	PASS
CA0037737	CA0037737	DALY CITY WWTF	@	6.52	6.27	0.05	NEEDS
CA0037745	CA0037745	SAN LEANDRO WPCP	@	7.60	5.45	1.25	PASS
CA0037788	CA0037788	BURLINGAME WWTF	@	4.70	4.16	0.60	NEEDS
CA0037810	CA0037810	PETALUMA WWTF	@	5.50	4.16	0.60	NEEDS
CA0037834	CA0037770	MOUNTAIN VIEW S.D.	c	1.60	0.90	0.00	NEEDS
CA0037834	CA0037834	PALO ALTO WWTF	@	30.60	26.92	6.00	NEEDS
CA0037842	CA0037842	SAN JOSE/SANTA CLARA	@	167.00	127.86	40.00	NEEDS
CA0037958	CA0037958	NOVATO WWTF (MAIN)	@	4.53	2.74	0.00	PASS
CA0037974	CA0037974	WCCSD WWTF	@	12.50	8.00	0.80	PASS
CA0038008	CA0038008	LIVERMORE WWTF	@	6.25	4.70	0.25	NEEDS
CA0038024	CA0038024	FAIRFIELD SUISUN WWT	@	15.58	11.44	1.50	NEEDS
CA0038091	CA0038091	BENECIA WWTF	@	3.00	2.20	0.48	NEEDS
CA0038130	CA0038130	SO.SF-SAN BRUNO WWTF	@	13.00	15.64	1.10	NEEDS
CA0038369	CA0038369	SOUTH BAYSIDE WWTP	@	24.00	21.84	2.70	NEEDS
CA0038539	CA0038539	WEST SACRAMENTO WWTF	@	5.00	3.80	0.38	NEEDS
CA0038547	CA0038547	DELTA DIABLO	@	8.80	9.50	0.43	NEEDS
CA0038628	CA0038628	CENTRAL MARIN	@	0.00	0.00	0.00	NONE
CA0048101	CA0048101	SALINAS IND WWTF	@	7.50	5.12	0.20	NEEDS
CA0048127	CA0048127	LOMPOC WWTF	@	5.00	2.51	0.08	NEEDS
CA0048143	CA0048143	SANTA BARBARA WWTF	@	11.00	8.99	0.19	NEEDS
CA0048160	CA0048160	GOLETA WWTF	@	7.90	6.24	0.80	NEEDS
CA0048194	CA0048194	SANTA CRUZ WWTF	@	21.00	15.32	1.37	NEEDS
CA0048216	CA0048216	WATSONVILLE WWTF	@	13.40	12.00	3.58	NEEDS
CA0048275	CA0048275	SANTA MARIA WWTP	@	7.80	5.50	0.55	PASS
CA0048551	CA0048551	MONTEREY REG. WWTF	@	6.00	3.49	0.00	NEEDS
CA0048551	CA0048097	SALINAS WWTF	c	2.00	0.73	0.00	NEEDS
CA0048887	CA0048887	GILROY-MORGAN HILL	@	6.10	4.40	0.00	PASS
CA0049224	CA0049224	SAN LUIS OBISPO WWTF	@	5.00	2.41	0.00	NEEDS
CA0053597	CA0053597	CAMARILLO WWTF	@	4.75	2.89	0.15	NEEDS

Report to Congress
Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW (MGD)	ACTUAL FLOW (MGD)	INDUS- TRIAL FLOW (MGD)	SOURC OF FLOW DATA
CA0053651	CA0053651	VENTURA WWTF	@	14.00	7.25	0.36	NEEDS
CA0053813	CA0053716	WHITTIER NARROWS WRP	c	18.00	14.18	1.20	NEEDS
CA0053813	CA0053911	SAN JOSE CREEK WRP	c	62.50	56.55	5.40	NEEDS
CA0053813	CA0054011	LOS COYOTES WRP	c	37.50	36.40	4.50	NEEDS
CA0053813	CA0053619	POMONA WRP	c	10.00	9.98	0.90	NEEDS
CA0053813	CA0054216	VALENCIA WRP	c	7.50	3.20	0.03	NEEDS
CA0053813	CA0054119	LONG BEACH WRP	c	25.00	22.91	2.20	NEEDS
CA0053813	CA0054313	SAUGUS ETP	c	5.00	5.58	0.05	NEEDS
CA0053813	CA0053813	LA COUNTY JOINT WPCP	@	385.00	394.95	55.00	NEEDS
CA0053961	CA0053961	OJAI VALLEY WWTP	@	3.00	1.72	0.15	NEEDS
CA0054097	CA0054097	OXNARD WWTF	@	22.60	18.98	3.50	NEEDS
CA0055221	CA0055221	SIMI VALLET WWTF	@	9.10	5.86	0.00	NEEDS
CA0055531	CA0055531	BURBANK WWTF	@	9.00	6.50	1.05	NEEDS
CA0056014	CA0056014	TAPIA WWTF	@	8.00	7.10	0.30	NEEDS
CA0056294	CA0056294	HILL CANYON WWTF	@	10.00	5.85	0.20	NEEDS
CA0056294	CA0056359	OLSEN RD. RECL. FAC.	c	0.21	0.20	0.00	NEEDS
CA0059021	CA0054224	SANTA PAULA WRF	c	2.95	1.89	0.10	NEEDS
CA0059021	CA0059005	NYELAND ACRES WWTP	c	0.22	0.16	0.00	PASS
CA0059021	CA0059021	FILLMORE WWTP	@	1.33	0.84	0.07	NEEDS
CA0059021	CA0059501	CAMROSA W.D. TP	c	1.33	0.99	0.05	PASS
CA0077682	CA0077682	SACRAMENTO REG WWTF	@	134.00	109.26	12.40	NEEDS
CA0077691	CA0078018	INDUSTRIAL WTF	c	0.80	0.71	0.70	PASS
CA0077691	CA0077691	EASTERLY WWTF	@	8.56	8.00	0.60	NEEDS
CA0077950	CA0077950	WOODLAND WWTF	@	4.00	3.45	0.00	NEEDS
CA0078948	CA0078948	TURLOCK WWTF	@	14.80	5.77	3.10	NEEDS
CA0079049	CA0079049	DAVIS WWTF	@	5.00	3.80	0.00	NEEDS
CA0079103	CA0079103	MODESTO WWTF	@	70.00	16.58	12.20	NEEDS
CA0079138	CA0079138	STOCKTON REG. WWTF	@	67.00	46.38	20.00	NEEDS
CA0079154	CA0079154	TRACY WWTF	@	5.50	3.38	1.60	NEEDS
CA0079189	CA0079189	VISALIA WWTF	@	12.50	12.00	1.57	NEEDS
CA0079219	CA0079219	MERCED STP	@	10.20	4.73	3.50	NEEDS
CA0079243	CA0079243	WHITE SLOUGH WWTF	@	5.80	4.97	1.10	NEEDS
CA0079260	CA0079260	YUBA CITY WWTF	@	7.00	3.22	1.60	NEEDS
CA0079472	CA0079472	NEWMAN WWTF	@	0.84	0.73	0.33	NEEDS
CA0079502	CA0079502	ROSEVILLE WWTF	@	12.00	5.12	0.25	NEEDS
CA0079731	CA0079731	REDDING REG WWTF	@	8.80	6.48	0.00	NEEDS
CA0102709	CA0102709	SOUTH TAHOE WWTF	@	7.00	4.00	0.04	PASS
CA0105236	CA0105236	COLTON WWTF	@	5.40	3.57	0.70	NEEDS
CA0105279	CA0105279	CHINO BASIN REG TP#1	@	29.50	22.53	3.58	NEEDS
CA0105279	CA0105287	CHINO BASIN REG TP 2	c	5.00	7.00	0.10	NEEDS
CA0105295	CA0105295	RIALTO WWTF	@	6.00	4.69	0.45	NEEDS
CA0105350	CA0105350	RIVERSIDE CITY WWTF	@	29.10	27.00	3.00	NEEDS
CA0105368	CA0105368	NO PLANT - TO CORONA	@	0.00	0.00	0.00	NONE
CA0105392	CA0105392	SAN BERNARDINO WWTF	@	28.00	22.07	0.10	NEEDS
CA0105759	CA0105759	REDLANDS WWTF	@	6.80	5.30	0.00	PASS
CA0105848	CA0105848	CORONA WWTP NO. 1	@	5.50	5.30	0.64	PASS
CA0106267	CA0106267	NO PLANT--TO CORONA	@	0.00	0.00	0.00	NONE

Report to Congress
Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW (MGD)	ACTUAL FLOW (MGD)	INDUS- TRIAL FLOW (MGD)	SOURCE OF FLOW DATA
CA0106534	CA0106534	NO PLANT-TO CORONA	@	0.80	0.21	0.00	NEEDS
CA0106836	CA0106836	MICHELSON WRP	@	15.00	12.55	0.00	NEEDS
CA0107395	CA0107395	ENCINA WPCF	@	22.50	14.64	0.00	NEEDS
CA0107409	CA0107409	PT LOMA WWTF	@	120.00	136.53	8.40	NEEDS
CA0107417	CA0107417	SERRA-LATHAM REG WTF	@	13.00	9.41	0.00	NEEDS
CA0107433	CA00	SAN LUIS REY WWTP	c	0.00	0.00	0.00	NONE
CA0107433	CA0107433	LA SALINA WWTF	@	5.50	4.18	0.00	NEEDS
CA0107611	CA0107611	AWMA COASTAL WWTF	@	6.70	3.80	0.04	PASS
CA0107981	CA0107981	HALE AVENUE WWTF	@	16.50	11.15	0.81	NEEDS
CA0107999	CA0107999	SAN ELIJO JP REG SEW	@	0.00	0.00	0.00	NEEDS
CA0109991	CA0053953	L.A. GLENDALE WWJP	c	20.00	9.02	1.80	NEEDS
CA0109991	CA0109991	HYPERION WWTF	@	420.00	394.00	47.28	NEEDS
CA0109991	CA0056227	D.C. TILLMAN WRP	c	40.00	17.70	0.00	NEEDS
CA0109991	CA0053856	TERMINAL ISLAND WWTF	c	30.00	18.38	9.80	NEEDS
CA0110604	CA0110604	OCSO STP NO 2	@	175.00	200.00	31.80	NEEDS
CAU900000	CA	BAKERSFIELD WWTF #3	c	0.00	0.00	0.00	NONE
CAU900000	CAU900000	BAKERSFIELD WWTF #2	@	19.00	14.00	0.70	PASS
CAU910000	CAU910000	NO PLANT-TO CBMWD	@	0.00	0.00	0.00	NONE
CAU920000	CAU920000	NO PLANT-TO CBMWD	@	0.00	0.00	0.00	NONE
CAU930000	CAU930000	HEMET-SAN JACINTO WW	@	7.50	6.24	0.07	PASS
CAU940000	CAU940000	NO PLANT-TO CBMWD	@	0.00	0.00	0.00	NONE
CAU950000	CAU950000	FRESNO-CLOVIS WWF 1	@	21.00	30.00	2.70	PASS
CAU960000	CAU960000	MADERA STP	@	0.70	3.70	0.00	PASS
CAU970000	CAU970000	NO PLANT-TO CBMWD	@	0.00	0.00	0.00	NONE
CAU980000	CAU980000	NO PLANT-TO CBMWD	@	0.00	0.00	0.00	NONE
CAU990000	CAU990000		@	8.00	2.50	0.88	PASS
CAU991000	CAU991000	S-K-F S.D.	@	0.00	0.00	0.00	NONE
CAU992000	CAU992000	NO PLANT - TO CBMWD	@	0.00	0.00	0.00	NONE

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Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
C000	C000		@	0.00	0.00	0.00	NEEDS
C00020397	C00020397	FT MORGAN WWTP	@	3.60	2.34	0.79	NEEDS
C00020737	C00020737	FORT COLLINS	@	1.50	0.78	0.00	NEEDS
C00021261	C00021261	LA JUNTA STP	@	2.50	1.85	0.24	NEEDS
C00021369	C00021369	UPPER EAGLE VALLEY	@	2.80	2.17	0.00	NEEDS
C00023078	C00023078	LOUISVILLE	@	2.10	1.27	0.00	NEEDS
C00024147	C00024147	75TH STREET WWTP	@	15.60	11.50	0.76	NEEDS
C00024171	C00024171	BIG DRY CREEK WWTP	@	5.00	5.00	0.07	NEEDS
C00026247	C00026247	STERLING STP	@	3.88	1.98	0.50	NEEDS
C00026409	C00026409	BROOMFIELD WWTP	@	3.20	2.56	0.00	NEEDS
C00026425	C00026425	FT COLLINS PLANT 1	@	27.80	16.15	0.00	NEEDS
C00026638	C00026638	CENTRAL PLANT	@	185.00	155.20	40.61	NEEDS
C00026646	C00026646	PUEBLO MAIN PLANT	@	18.50	15.10	0.41	NEEDS
C00026646	C00022764	PUEBLO AIRPORT PLANT	c	0.30	0.10	0.09	PASS
C00026662	C00026662	S.ADAMS COUNTY STP	@	4.30	2.65	0.20	NEEDS
C00026671	C00026671	LONGMONT STP	@	11.55	8.48	0.60	NEEDS
C00026701	C00026701	LOVELAND STP	@	8.00	4.58	0.25	NEEDS
C00026735	C00026735	C SPRINGS A S PLANT	@	36.00	30.00	2.00	NEEDS
C00032999	C00032999	BI-CITY PLANT	@	35.00	25.20	0.00	NEEDS
C00036757	C00036757	NORTHGLENN	@	6.50	3.43	0.00	NEEDS
C00037966	C00037966	MARCY GULCH WWTP	@	8.40	0.50	0.00	PASS
C00039624	C00039624	MONTROSE STP	@	3.20	1.38	0.20	NEEDS
C00039641	C00039641	DELTA WWTP	@	2.50	0.57	0.30	NEEDS
C00039748	C00039748	RAINBOW PARK WWTP	@	8.00	2.80	0.00	NEEDS
C00040037	C00040037	CRAIG WWTP	@	2.50	1.25	0.00	NEEDS
C00040053	C00040053	PERSIGO WASH WWTP	@	12.50	7.20	0.00	PASS
C00040258	C00040258	GREELEY 1ST AVE STP	@	12.00	7.20	0.30	NEEDS
C00042170	C00042170	GOLDEN (PT ONLY)	@	0.00	0.00	0.00	NONE

Report to Congress
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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
DC0021199	DC0021199	BLUE PLAINS STP	@	309.00	309.62	0.00	NEEDS

Report to Congress
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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW (MGD)	ACTUAL FLOW (MGD)	INDUS- TRIAL FLOW (MGD)	SOURCE OF FLOW DATA
DE0020010	DE0020010	SELBYVILLE WTP	@	0.68	0.64	0.49	NEEDS
DE0020249	DE0020249	BRIDGEVILLE STP	@	0.50	0.45	0.31	NEEDS
DE0020320	DE0020320	WILMINGTON WPCF	@	90.00	71.23	35.00	NEEDS
DE0020338	DE0020338	KENT COUNTY REG STP	@	15.00	8.03	1.31	NEEDS
DE0050547	DE0050547	M-O-T REG. WWTF	@	1.00	0.50	0.10	NEEDS
DE0050547	DE0021539	PENN PORT STP	c	0.05	0.04	0.00	NEEDS
DE0050547	DE0021555	DELAWARE CITY STP	c	0.50	0.25	0.00	NEEDS

Report to Congress
Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
FL0020141	FL0020141	MUNICIPAL WTP	@	6.00	6.07	0.00	NEEDS
FL0020281	FL0020281	MADISON WWTP	@	0.35	0.58	0.00	NEEDS
FL0020389	FL0020389	TITUSVILLE N. STP	@	1.50	1.79	0.04	NEEDS
FL0020451	FL0020451	ST. ANDREWS STP	@	3.50	2.95	0.00	NEEDS
FL0020451	FL0021512	BEACH STP	c	5.00	2.78	0.00	NEEDS
FL0020559	FL0020559		@	3.60	1.48	0.00	NEEDS
FL0020940	FL0020940	HOOKERS POINT STP	@	60.00	57.02	1.09	NEEDS
FL0021261	FL0021270	FT MYERS-SOUTH STP	c	6.00	4.23	0.00	NEEDS
FL0021261	FL0021261	FT MYERS-CENTRAL STP	@	11.00	7.40	0.00	NEEDS
FL0021369	FL0021369	BRADENTON WWTP	@	3.90	4.76	0.00	NEEDS
FL0021440	FL0021440	MAIN STREET PLANT	@	20.00	14.21	1.00	NEEDS
FL0021440	FL0031801	AVONDALE STP	c	1.00	1.01	0.00	NEEDS
FL0021466	FL0021466	AUBURNDALE STP	@	2.00	1.12	0.22	NEEDS
FL0022110	FL0022110	SANDLAKE	@	0.00	0.00	0.00	NONE
FL0022110	FL0038849	E. SVC. AREA WWTP	c	0.00	0.00	0.00	NONE
FL0022110	FL0040487	SOUTH WRF	c	0.00	0.00	0.00	NONE
FL0024791	FL0024791	SARASOTA WTP	@	9.10	9.51	0.00	NEEDS
FL0024791	FL0040568	HI HAT POND	c	0.00	0.00	0.00	NEEDS
FL0024791	FL0040771	WHITAKER BAYOU	c	0.00	0.00	0.00	NEEDS
FL0024805	FL0024805	VIRGINIA KEY WWTP	@	121.00	82.16	5.00	NEEDS
FL0025984	FL0025984	BETHUNE POINT WWTP	@	8.00	8.46	0.00	NEEDS
FL0026000	FL0026450	S.D. 2 STP (2)	c	10.00	7.50	4.40	NEEDS
FL0026000	FL0023493	MANDARIN STP (#5)	c	0.00	0.00	0.00	NEEDS
FL0026000	FL0026000	BUCKMAN ST. STP (#1)	@	35.00	57.00	18.00	NEEDS
FL0026000	FL0026441	ARLINGTON STP (#4)	c	10.00	13.00	0.50	NEEDS
FL0026000	FL0026468	SOUTHWEST STP (#3)	c	5.00	14.30	3.80	NEEDS
FL0026255	FL0026255	HOLLYWOOD WPCP	@	36.00	33.41	0.00	NEEDS
FL0026271	FL0026271	MUNICIPAL PLANT	@	5.40	5.29	0.00	NEEDS
FL0026344	FL0026344	BOCA RATON WPC	@	12.00	10.64	0.00	NEEDS
FL0026557	FL0026557	PLANT CITY STP	@	8.00	3.64	0.96	NEEDS
FL0026603	FL0026603	MUNICIPAL PLANT	@	14.60	10.57	0.00	NEEDS
FL0027251	FL0027251	GAINESVILLE MAIN ST	@	3.00	1.80	0.10	NEEDS
FL0027251	FL0041700	GAINESVILLE KANAHAPA	c	10.00	8.50	0.20	NEEDS
FL0027278	FL0027278	FORT PIERCE UA WTP	@	9.00	3.70	0.00	NEEDS
FL0027651	FL0027651		@	1.00	0.20	0.00	NEEDS
FL0027847	FL0027847	MANATEE SW REG. STP	@	11.00	8.88	0.00	NEEDS
FL0027847	FL0041904	MANATEE COUNTY PWD	c	0.00	0.00	0.00	NONE
FL0028061	FL0040983	VALRICO WWTP	c	0.00	0.00	0.00	NONE
FL0028061	FL0041670	SHELDON ROAD STP	c	0.00	0.00	0.00	NONE
FL0028061	FL0028061	SOUTHWEST WTP	@	3.00	1.65	0.09	NEEDS
FL0028061	FL0036820	DALE MABRY STP	c	8.22	6.19	0.00	NEEDS
FL0028061	FL0040380	APOLLO BEACH STP	c	0.00	0.00	0.00	NONE
FL0028061	FL0040614	FALKENBURG	c	0.00	0.00	0.00	NONE
FL0028061	FL0027821	RIVER OAKS STP	c	10.00	6.55	0.40	NEEDS
FL0029033	FL0029033		@	1.80	1.43	0.00	NEEDS
FL0030406	FL0030406	TARPON SPRINGS STP	@	2.50	1.90	0.00	NEEDS
FL0031771	FL0020362	PORT EVERGLADES STP	c	0.00	0.00	0.00	NONE

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
FL0031771	FL0031771	BCUD 2-NO. REG. STP	e	66.00	28.93	0.00	NEEDS
FL0033251	FL0033251	REGIONAL WTP	e	7.50	4.23	0.04	NEEDS
FL0035980	FL0035980	S. CENT. WW DISP.BD	e	24.00	12.30	0.00	NEEDS
FL0037966	FL0037966	IRON BRIDGE STP	e	24.00	23.36	0.00	NEEDS
FL0037966	FL0022144	L B MCLEOD ROAD STP	c	0.00	0.00	0.00	NONE
FL0039772	FL0039772	LAKELAND STP	e	10.00	8.45	0.02	NEEDS
FL0040401	FL0040401	NORTH STP	e	3.30	1.06	0.00	NEEDS
FL0040436	FL0040436	SO CROSS BAYOU PCF	e	0.00	0.00	0.00	NONE
FL0040436	FL0023701	NORTH BEACH # 1	c	0.00	0.00	0.00	NONE
FL0040436	FL0040410	MCKAY CREEK STP	c	6.00	1.06	0.00	NEEDS
FL0040461	FL0040444	ALBERT WHITTED WTP	c	0.00	0.00	0.00	NONE
FL0040461	FL0040452	ST PETE NORTHWEST	c	0.00	0.00	0.00	NONE
FL0040461	FL0040461	ST PETE SOUTHWEST	e	0.00	0.00	0.00	NONE
FL0040461	FL0040479	ST PETE NORTHEAST	c	0.00	0.00	0.00	NONE
FL0040541	FL0040541	DAVIE STP	e	0.96	0.83	0.00	NEEDS
FL0041033	FL0041122	GRANT ST. STP	c	3.50	2.21	0.00	NEEDS
FL0041033	FL0041033	DAVID LEE STP	e	3.50	3.00	0.00	NEEDS
FL0041033	FL0041238	SHERWOOD PARK	c	0.00	0.00	0.00	NEEDS
FL0041360	FL0041360	WEST PALM BEACH STP	e	44.00	32.00	0.00	NEEDS
FL0041378	FL0020524		c	0.00	0.00	0.00	NEEDS
FL0041378	FL0041378	GT LOHMEYER	e	0.00	0.00	0.00	NONE

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
GA0020087	GA0020087	AUGUSTA WPCP	@	46.09	24.89	4.22	NEEDS
GA0020222	GA0020222	MUD CREEK WPCP	@	2.15	1.21	0.00	NEEDS
GA0020222	GA0033235	WITHLACOOCHEE CRK	c	4.00	4.17	0.16	NEEDS
GA0020346	GA0020346	SWAINSBORO WPCP	@	3.00	1.08	1.07	NEEDS
GA0020478	GA0020478	CHICKAMAUGA WPCP	@	5.25	4.14	2.69	NEEDS
GA0020516	GA0020516	SOUTH COLUMBUS WPCP	@	30.00	24.64	7.50	NEEDS
GA0020575	GA0020575	NORTHEAST WPCP	@	0.80	0.86	0.00	NEEDS
GA0020575	GA	SHOAL CREEK WPCP-NON	c	0.00	0.00	0.00	NEEDS
GA0020885	GA0020885	HARTWELL WPCP	@	1.25	0.98	0.31	NEEDS
GA0020991	GA0020991	ALBANY WPCP	@	20.00	12.42	5.00	NEEDS
GA0021156	GA0030716	WHITE SULPHUR WPCP	c	0.10	0.03	0.00	PASS
GA0021156	GA0020168	GAINESVILLE WPC 2	c	3.00	0.94	0.00	NEEDS
GA0021156	GA0021156	FLAT CREEK WPCP	@	7.00	4.66	2.30	NEEDS
GA0021369	GA0021369	ELLIJAY WPCP	@	2.00	0.73	0.65	NEEDS
GA0021482	GA0021458	UTOY CREEK WPCP	c	30.00	25.95	1.60	NEEDS
GA0021482	GA0021482	RM CLAYTON WPCP	@	100.00	87.52	5.85	NEEDS
GA0021482	GA0024040	SOUTH RIVER WPCP	c	18.00	15.58	3.20	NEEDS
GA0021601	GA0021601	COVINGTON WPCP-NO DS	@	0.00	0.00	0.00	NONE
GA0021610	GA0021610	ALMAND BRANCH WPCP	@	1.25	1.09	0.17	NEEDS
GA0021725	GA0021725	NORTH OCONEE	@	10.00	6.37	2.50	NEEDS
GA0021814	GA0021806	TOCCOA CREEK WPCP	c	0.41	0.28	0.03	NONE
GA0021814	GA0021814	EASTONOLLEE CK WPCC	@	1.45	0.90	0.03	NEEDS
GA0023183	GA0023183	CEDAR CREEK WPCP	@	0.50	0.64	0.00	NEEDS
GA0023183	GA0023191	WINDER-MARBURG CR WP	c	0.33	0.41	0.08	NEEDS
GA0023183	GA0023205	WINDER BARBER CREEK	c	0.00	0.00	0.00	NEEDS
GA0024074	GA0024074	CEDARTOWN WPCP	@	1.19	1.79	0.16	NEEDS
GA0024082	GA0024082	THOMASVILLE WPCP	@	4.04	2.12	0.04	NEEDS
GA0024091	GA0024091	CARTERSVILLE WPCP	@	5.00	4.31	1.74	NEEDS
GA0024112	GA0024112	ROME WPCP	@	18.00	9.05	3.26	NEEDS
GA0024147	GA0024147	SNAPPFINGER WPCP	@	36.00	16.72	0.00	NEEDS
GA0024147	GA0026816	POLE BRIDGE WPCP	c	3.00	1.65	0.40	NEEDS
GA0024147	GA0026824	HONEY CREEK WPCP	c	1.00	0.33	0.00	NEEDS
GA0024333	GA0024333	BIG CREEK WPCP	@	6.00	5.59	0.97	NEEDS
GA0024333	GA0025381	CAMP CREEK WPCP	c	15.00	5.87	0.50	NEEDS
GA0024333	GA0030686	JOHN'S CREEK	c	4.00	1.07	0.00	NEEDS
GA0024333	GA0033251	LITTLE RIVER	c	0.18	0.16	0.00	NEEDS
GA0024431	GA0024431	DOUGLAS WPCF	@	4.00	3.17	1.13	NEEDS
GA0024538	GA0024538	LOWER POPLAR ST.WPCD	@	12.00	10.97	2.40	NEEDS
GA0024538	GA0024546	ROCKY CREEK WPCP	c	14.00	12.16	7.15	NEEDS
GA0024538	GA0024554	L.B. WILSON AIRPORT	c	0.40	0.40	0.38	NEEDS
GA0024660	GA0024660	MOULTRIE WPCP	@	4.00	4.18	0.00	NEEDS
GA0024660	GA0024805	BRIDGEPORT BRASS WRP	c	0.05	0.05	0.05	PASS
GA0024660	GA0025879	SPENCE FIELD WPCP	c	0.20	0.03	0.00	NEEDS
GA0024716	GA0024716	CARROLLTON WPCP	@	5.00	3.45	0.00	NEEDS
GA0025313	GA0025313	BRUNSWICK ACADEMY CR	@	10.00	5.49	1.15	NEEDS
GA0025348	GA0025348	PRESIDENT STREET WPC	@	20.00	17.45	0.14	NEEDS
GA0025712	GA0025712	LAFAYETTE WPCP	@	4.50	2.59	2.10	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
GA0025801	GA0025801	MUCKALEE CREEK WPCP	@	2.00	1.93	0.00	NEEDS
GA0025801	GA0047767	MILL CREEK WPCP	c	0.00	0.00	0.00	NONE
GA0026140	GA0046761	NORTHWEST WPCP	c	0.00	0.00	0.00	NONE
GA0026140	GA0024988	NOONDAY CREEK WPCP	c	8.00	3.34	0.06	NONE
GA0026140	GA0026140	R.L. SUTTON WPCP	@	20.00	14.18	0.65	NEEDS
GA0026140	GA0026158	SOUTH COBB WPCP	c	24.00	9.29	0.18	NEEDS
GA0030317	GA0030317	HORSE CREEK WPCP	@	3.29	2.86	0.00	NEEDS
GA0030317	GA0030325	SANDY RUN WPCP	c	3.00	1.96	0.01	NEEDS
GA0030333	GA0030333	CALHOUN WPCP	@	7.00	6.17	0.00	NEEDS
GA0030775	GA0030775	CENTRAL STATE HOSP	@	7.00	6.12	2.00	NEEDS
GA0031101	GA0031101	WASHINGTON WPCP	@	4.00	1.46	0.79	NEEDS
GA0032492	GA0032492	CHATSWORTH WPCP	@	0.75	0.83	0.35	NEEDS
GA0047244	GA0047244	LONG CANE CREEK STP	@	0.00	0.00	0.00	NONE
GA0047911	GA0047627	JACK'S CREEK	c	0.00	0.00	0.00	NONE
GA0047911	GA0023973	NO BUSINESS CRK WPCP	c	0.00	0.00	0.00	NEEDS
GA0047911	GA0026433	CROOKED CREEK WPCP	c	2.00	2.09	0.00	NEEDS
GA0047911	GA0030732	JACKSON CREEK WPCP	c	2.40	1.44	0.00	NEEDS
GA0047911	GA0032841	BEAVER RUIN WPCP	c	3.60	1.99	0.00	NEEDS
GA0047911	GA0047911	YELLOW R./SWEETWATER	@	9.00	3.58	0.00	NEEDS
GA0048470	GA0048470	TIFTON-NEW RIVER WPC	@	8.00	2.09	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
HI0020117	HI0020877	HONOLIULI WWTP	c	25.00	20.97	0.00	NEEDS
HI0020117	HI0020001	AHUINANU	c	1.40	0.54	0.00	NEEDS
HI0020117	HI0020095	WHITMORE VILLAGE	c	0.20	0.16	0.00	NEEDS
HI0020117	HI0020109	WAIANE	c	1.72	1.76	0.00	NEEDS
HI0020117	HI0020117	SAND ISLAND WWTF	@	82.00	76.61	8.00	NEEDS
HI0020117	HI0020125	WAHIAWA	c	2.49	1.82	0.00	NEEDS
HI0020117	HI0020141	KAILUA WWTF	c	7.00	5.45	0.00	NEEDS
HI0020117	HI0020150	KANEOHE SSTF	c	4.30	3.77	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
IA0023434	IA0023434	MUSCATINE WWTP	@	13.00	8.04	2.55	NEEDS
IA0027219	IA0027219	FT MADISON WWTP	@	6.72	1.99	1.40	NEEDS
IA0035947	IA0035947	CLINTON WWTP	@	7.50	5.90	0.52	NEEDS
IA0035955	IA0035955	AMES WWTP	@	6.00	5.89	0.00	NEEDS
IA0036633	IA0036633		@	4.85	3.30	0.30	NEEDS
IA0036641	IA0036641	COUNCIL BLUFFS WWTP	@	12.85	6.70	2.60	NEEDS
IA0038610	IA0038610	MARSHALLTOWN WWTP	@	5.50	5.03	1.05	NEEDS
IA0038628	IA0038628		@	1.20	1.47	0.02	NEEDS
IA0042609	IA0042609	KEOKUK WWTP	@	5.00	2.42	1.39	NEEDS
IA0042617	IA0042617	IOWA CITY WWTP	@	8.00	5.91	0.00	NEEDS
IA0042641	IA0042641	CEDAR RAPIDS WWTP	@	42.00	24.53	10.00	NEEDS
IA0042650	IA0042650	WATERLOO WWTP	@	20.35	16.91	4.50	NEEDS
IA0043052	IA0043052	DAVENPORT WWTP	@	26.00	19.02	3.50	NEEDS
IA0043079	IA0043079	BURLINGTON WWTP	@	9.00	4.93	1.00	NEEDS
IA0043095	IA0043095	SIOUX CITY WWTP	@	17.50	18.29	4.35	NEEDS
IA0044130	IA0044130	DES MOINES MAIN WWTP	@	42.00	37.39	4.04	NEEDS
IA0044458	IA0044458	DUBUQUE WWTP	@	15.00	9.25	3.88	NEEDS
IA0044849	IA0044849	FT DODGE WWTP	@	5.00	3.94	0.76	NEEDS
IA0057169	IA0057169	MASON CITY WWTP	@	6.50	4.31	0.50	NEEDS
IA0058611	IA0058611	OTTUMWA WWTP	@	7.14	4.61	0.52	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
ID0020044	ID0020044	BLACKFOOT WWTP	@	2.00	1.55	0.06	NEEDS
ID0020095	ID0020095	CITY OF BURLEY	@	2.50	0.93	0.00	NEEDS
ID0020753	ID0020753	AMERICAN FALLS WWTP	@	0.90	0.22	0.00	NEEDS
ID0020842	ID0020842	SANDPOINT WWTP	@	2.00	2.06	0.00	NEEDS
ID0021261	ID0021261	IDAHO FALLS WWTP	@	14.00	7.50	1.55	NEEDS
ID0021270	ID0021270	TWIN FALLS WWTP	@	8.00	4.01	2.30	NEEDS
ID0021504	ID0021504	CALDWELL MSTP	@	7.77	3.01	1.25	NEEDS
ID0021784	ID0021784	POCATELLO STP	@	12.00	7.00	1.05	NEEDS
ID0022055	ID0022055	LEWISTON STP	@	3.75	3.70	0.65	NEEDS
ID0022063	ID0022063	NAMPA STP	@	15.00	5.00	2.53	NEEDS
ID0022853	ID0022853	COUER D'ALENE	@	3.00	2.37	0.00	NEEDS
ID0023817	ID0023817	REXBURG WWTP	@	3.20	1.03	0.00	NEEDS
ID0023981	ID	GOWEN FIELD-NONDISCH	c	0.00	0.00	0.00	NEEDS
ID0023981	ID0020443	LANDER STREET STP	c	7.71	10.53	0.50	NEEDS
ID0023981	ID0023981	WEST BOISE STP	@	16.00	7.20	0.72	PASS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS-TRIAL FLOW, (MGD)	DATA SOURCE
IL0020061	IL0034274	WOOD DALE SOUTH SEWA	c	1.50	0.40	0.00	NEEDS
IL0020061	IL0020061	WOOD DALE STP NORTH	@	1.10	1.89	0.10	NEEDS
IL0020087	IL0020087	GENEVA STP	@	3.94	2.00	0.48	NEEDS
IL0020354	IL0020354	ANTIOCH STP	@	1.00	0.87	0.05	NEEDS
IL0020575	IL0020575	PRINCETON STP	@	1.62	1.00	0.43	NEEDS
IL0020788	IL0020788	DANVILLE STW	@	16.00	10.10	3.25	NEEDS
IL0020818	IL0020818	AURORA STP	@	32.00	24.50	9.00	NEEDS
IL0021288	IL0056308		c	0.00	0.00	0.00	NEEDS
IL0021288	IL0021288	PEORIA STP	@	37.00	27.00	5.91	NEEDS
IL0021288	IL0048631		c	0.00	0.00	0.00	NEEDS
IL0021407	IL0021407	AMERICAN BOTTOMS TF	@	0.00	0.00	0.00	NONE
IL0021547	IL0021547	GLENBARD STP	@	14.35	14.00	0.00	NEEDS
IL0021784	IL0021784	KANKAKEE WTR POLL	@	11.00	7.00	3.68	NEEDS
IL0021849	IL0021849	BENSENVILLE WWTP	@	4.70	3.10	0.50	NEEDS
IL0021873	IL0025241	BELLEVILLE WWTP 3	c	0.40	0.33	0.00	NEEDS
IL0021873	IL0021873	BELLEVELLE STP #1	@	8.00	6.00	0.80	NEEDS
IL0021873	IL0021881	BELLEVILLE WWTP 2	c	0.40	0.37	0.00	NEEDS
IL0021971	IL0021971	SPRING CREEK STP	@	10.00	9.27	0.09	NEEDS
IL0021971	IL0021989	SPRINGFIELD SD	c	20.00	18.00	0.20	NEEDS
IL0022705	IL0022705	ST. CHARLES STP	@	9.00	4.00	1.50	NEEDS
IL0023027	IL0023027	DEKALB MAIN PLANT	@	7.25	6.00	0.70	NEEDS
IL0023141	IL0023141	GALESBURG STP	@	11.00	10.00	2.00	NEEDS
IL0023469	IL0023469	WEST CHICAGO STP	@	3.00	1.50	0.60	NEEDS
IL0023591	IL0023591	FREEPORT STP	@	6.75	5.10	1.90	NEEDS
IL0026280	IL0026280	ITASCA WWTF	@	1.50	1.70	0.63	NEEDS
IL0026352	IL0026352	CAROL STREAM STP	@	2.50	1.35	0.36	NEEDS
IL0027201	IL0027201	ROCKFORD S.D. STP	@	74.00	30.00	17.50	NEEDS
IL0027341	IL0027341	MT VERNON TRICKLING	@	3.80	0.50	0.25	NEEDS
IL0027685	IL0027685	BELVIDERE STP	@	6.50	3.00	1.76	NEEDS
IL0027723	IL0027723	BLOOM TWN. S.D. STP	@	12.10	13.00	2.00	NEEDS
IL0027731	IL0027731	BLOOMINGTON-NORMAL S	@	16.00	16.00	2.31	NEEDS
IL0028070	IL0028053	CHICAGO MSD STICKNEY	c	1200.00	807.00	130.00	NEEDS
IL0028070	IL0028061	CHICAGO MSD-CALUMET	c	220.00	232.58	42.00	NEEDS
IL0028070	IL0028070	LEMONT STW	@	1.60	1.00	0.00	NEEDS
IL0028070	IL0028088	CHICAGO MSD NORTHSID	c	333.00	292.00	96.80	NEEDS
IL0028070	IL0036137	HANOVER PARK WRP	c	12.00	9.00	0.18	NEEDS
IL0028070	IL0036340	JOHN E EGAN WRP	c	30.00	20.00	5.10	NEEDS
IL0028070	IL0047741	CHICAGO MSD-O'HARE W	c	72.00	26.00	0.00	NEEDS
IL0028282	IL0028282	CRYSTAL LAKE STP 1&2	@	4.50	3.00	0.35	NEEDS
IL0028282	IL0053457	CRYSTAL LAKE STP 3	c	0.50	0.14	0.03	NEEDS
IL0028321	IL0028321	DECATUR WWTF	@	25.00	25.00	12.60	NEEDS
IL0028380	IL0028380	DOWNERS GROVE STP	@	9.60	8.00	0.50	NEEDS
IL0028550	IL0028550	EAST MOLINE REG. STP	@	11.10	4.00	0.62	NEEDS
IL0028622	IL0028622	EFFINGHAM STP	@	2.50	2.00	0.26	NEEDS
IL0028665	IL0028657	ELGIN MAIN STP-SOUTH	c	17.00	14.00	0.70	NEEDS
IL0028665	IL0028665	ELGIN NORTH PLANT	@	3.50	2.00	0.33	NEEDS
IL0028665	IL0035891	ELGIN WEST PLANT	c	1.50	0.26	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
IL0029165	IL0029165	HERRING STP	@	1.20	1.00	0.23	NEEDS
IL0029424	IL0029424	LA SALLE WWTP	@	2.20	1.50	0.40	NEEDS
IL0029939	IL0029939	MOLINE SOUTH	@	9.00	3.00	0.10	NEEDS
IL0029939	IL0029947	MOLINE NORTH SLOPE S	c	5.50	5.00	0.20	NEEDS
IL0030171	IL0030171	NSSD-CLAVEY RD, STP	@	17.80	14.00	3.00	NEEDS
IL0030171	IL0030244	NSSD-WAUKEGAN STP	c	19.90	18.00	6.00	NEEDS
IL0030171	IL0035092	NSSD-GURNEE	c	12.00	11.00	0.00	NEEDS
IL0030503	IL0030503	QUINCY STP	@	13.50	7.00	2.50	NEEDS
IL0030660	IL0030660	PERU WWTP	@	3.22	2.00	0.20	NEEDS
IL0030783	IL0030783	ROCK ISLAND MAIN STP	@	8.00	8.00	1.00	NEEDS
IL0030783	IL0036382		c	1.50	0.69	0.00	NEEDS
IL0031356	IL0031356		@	2.45	2.17	0.30	NEEDS
IL0031500	IL0031500	UCSD-NORTHEAST STP	@	17.30	10.00	1.78	NEEDS
IL0031500	IL0031526	UCSD-SOUTHWEST STP	c	5.90	5.66	0.00	NEEDS
IL0031844	IL0028398	NORDIC STP	c	0.10	0.10	0.00	NEEDS
IL0031844	IL0028428	CASCADE STP	c	0.00	0.00	0.00	NEEDS
IL0031844	IL0028495	MARIONBROOK DPW	c	0.00	0.00	0.00	NEEDS
IL0031844	IL0031844	WOODRIDGE STP	@	10.00	9.20	0.20	NEEDS
IL0031844	IL0065188	KNOLLWOOD STP	c	0.00	0.00	0.00	NEEDS
IL0033481	IL0033481	GRANITE CITY STP	@	23.00	9.50	1.00	NEEDS
IL0033553	IL0022519	JOLIET-EASTSIDE ST	c	22.50	16.00	0.97	NEEDS
IL0033553	IL0033553	JOLIET-WESTSIDE STP	@	10.00	2.50	0.00	NEEDS
IL0033812	IL0027367	ADDISON WWTP SOUTH	c	3.20	3.50	0.75	NEEDS
IL0033812	IL0033812	ADDISON WWTP NORTH	@	2.50	1.00	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
IN0020133	IN0020133	GREENSBURG STP	@	1.60	1.69	0.00	NEEDS
IN0020427	IN0020427	BREMEN STP	@	1.30	1.09	0.40	NEEDS
IN0020451	IN0020451	NORTH VERNON	@	1.75	1.16	0.36	NEEDS
IN0020656	IN0020656	KENDALLVILLE STP	@	2.68	2.00	0.60	NEEDS
IN0020672	IN0020672	AUBURN WWTP	@	2.00	2.29	0.35	NEEDS
IN0020834	IN0020834	JASPER WWTP	@	2.00	2.76	0.30	NEEDS
IN0020991	IN0020991	PLYMOUTH WWTP	@	1.50	1.59	0.30	NEEDS
IN0022829	IN0022829	EAST CHICAGO STP	@	20.00	17.69	4.50	NEEDS
IN0022934	IN0022934	FRANKFORT WWTP	@	4.68	3.68	1.20	NEEDS
IN0022977	IN0022977	GARY SANITARY DIST.	@	60.00	41.32	2.00	NEEDS
IN0023060	IN0023060	HAMMOND WWTP	@	48.00	37.15	9.30	NEEDS
IN0023132	IN0023132	HUNTINGTON WWTP	@	0.00	0.00	0.00	NONE
IN0023183	IN0023183	BELMONT WWTP	@	120.00	79.61	23.00	NEEDS
IN0023183	IN0031950	SOUTHPORT WWTP	c	90.50	72.32	10.90	NEEDS
IN0023302	IN0023302	JEFFERSONVILLE STP	@	4.00	3.11	0.63	NEEDS
IN0023604	IN0023604	LOGANSPORT WWTP	@	9.00	6.76	3.00	NEEDS
IN0023752	IN0023752	MICHIGAN CITY STP	@	7.50	7.91	0.50	NEEDS
IN0023884	IN0023884	NEW ALBANY WWTP	@	12.50	7.64	0.60	NEEDS
IN0023914	IN0023914	NEW CASTLE STP	@	8.00	5.75	3.40	NEEDS
IN0024392	IN0024392	PRINCETON STP	@	2.00	1.40	0.18	NEEDS
IN0024473	IN0024473	SEYMOUR STP	@	4.30	3.40	0.95	NEEDS
IN0024520	IN0024520	SOUTH BEND WWTP	@	48.00	37.85	6.00	NEEDS
IN0024660	IN0024660	VALPARAISO STP	@	6.00	4.60	0.34	NEEDS
IN0024741	IN0024741	WABASH WWTP	@	2.75	1.77	0.56	NEEDS
IN0024805	IN0024805	WARSAW STP	@	4.00	2.85	0.50	NEEDS
IN0025577	IN0025577	LAPORTE WWTP	@	10.40	5.06	2.50	NEEDS
IN0025585	IN0025585	MARION WWTP	@	12.00	5.50	5.10	NEEDS
IN0025607	IN0025607	TERRE HAUTE WWTP	@	24.00	13.34	2.20	NEEDS
IN0025615	IN0025615	W.E. ROSS WWTP	@	18.00	11.17	3.33	NEEDS
IN0025631	IN0025631	MUNCIE WASTE TREATME	@	24.00	18.92	5.00	NEEDS
IN0025640	IN0025640	MISHAWAKA WWTP	@	8.30	9.95	1.50	NEEDS
IN0025666	IN0025666	MADISON SEWAGE TRTMT	@	3.60	2.60	0.83	NEEDS
IN0025674	IN0025674	ELKHART WWTP	@	20.00	16.31	7.00	NEEDS
IN0025755	IN0025755	GOSHEN WWTP	@	5.00	3.84	0.60	NEEDS
IN0031020	IN0031020	VINCENNES WWTP	@	4.50	2.28	0.75	NEEDS
IN0032191	IN0032191	FORT WAYNE WPCP	@	60.00	35.09	5.04	NEEDS
IN0032336	IN0032336	CONNERSVILLE WWTP	@	10.80	6.58	1.60	NEEDS
IN0032468	IN0032468	LAFAYETTE WWTP	@	16.00	12.00	2.71	NEEDS
IN0032476	IN0032476	MOSS ISLAND ROAD PLA	@	27.00	20.53	6.60	NEEDS
IN0032573	IN0032573	COLUMBUS WWTP	@	12.40	7.94	5.60	NEEDS
IN0032867	IN0032867	SHELBYVILLE WWTP	@	2.75	3.93	0.50	NEEDS
IN0032875	IN0032875	KOKOMO MUN WWTP	@	30.00	20.23	5.00	NEEDS
IN0032956	IN0032956	WESTSIDE WWTP	@	20.60	13.42	4.45	NEEDS
IN0032956	IN0033073	EASTSIDE WWTP	c	18.00	9.01	3.35	NEEDS
IN0032964	IN0032964	CRAWFORDSVILLE WWTP	@	3.40	2.34	0.40	NEEDS
IN0032972	IN0032972	SPEEDWAY WWTP	@	7.50	5.40	0.91	NEEDS
IN0035718	IN0035718	BLOOMINGTON SO. STP	@	15.00	13.10	4.00	NEEDS

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KS0023698	KS0023698	HIAWATHA SOUTH PLANT	@	0.54	0.66	0.15	NEEDS
KS0023698	KS0080667	HIAWATHA NORTH PLANT	c	0.18	0.18	0.00	NEEDS
KS0032123	KS0032123	IOLA STP	@	1.63	0.81	0.00	NEEDS
KS0036188	KS0036188	HUTCHINSON WWTP	@	12.00	7.91	3.80	NEEDS
KS0036196	KS0036196	MCPHERSON WWTP	@	2.00	1.06	0.15	NEEDS
KS0038474	KS0038474	SALINA WWTP NO 1	@	7.80	5.06	0.40	NEEDS
KS0038474	KS0038482	SCHILLING PLANT	c	0.63	0.43	0.02	NEEDS
KS0038563	KS0038547	KCK WWTP NO 20	c	7.00	2.85	0.00	NEEDS
KS0038563	KS0038563	KCK WWTP #1-KAW PT.	@	40.00	20.99	9.60	NEEDS
KS0038563	KS0038598	KCK WWTP 8	c	1.10	0.30	0.00	NEEDS
KS0038563	KS0049689	KCK WWTP 12	c	0.01	0.02	0.00	NEEDS
KS0038563	KS0079987	KCK WWTP 2	c	0.00	0.00	0.00	NEEDS
KS0038644	KS0038644	LAWRENCE STP	@	9.00	4.02	1.10	NEEDS
KS0038954	KS0038954	PITTSBURG WWTP	@	3.00	2.52	0.00	NEEDS
KS0042625	KS0042625	INDEPENDENCE WWTP	@	1.80	1.78	0.34	NEEDS
KS0042722	KS0042714	NORTH TOPEKA PLANT	c	1.25	0.13	0.08	NEEDS
KS0042722	KS0042722	TOPEKA OAKLAND WWTP	@	20.00	15.10	2.50	NEEDS
KS0043036	KS0043036	WICHITA WWTP 2	@	45.00	38.23	9.40	NEEDS
KS0045802	KS0045802	HAROLD STREET WWTP	@	3.20	1.73	0.70	NEEDS
KS0045802	KS0081299	CEDAR CREEK WWTP	c	2.00	1.00	0.50	NEEDS
KS0046728	KS0046728	EMPORIA WWTP	@	8.00	2.26	0.24	NEEDS
KS0050733	KS0050733	COFFEYVILLE WWTP	@	4.00	1.01	0.10	NEEDS
KS0055492	KS0055484	LOWER BAS. INDIAN CK	c	10.00	9.07	0.30	NEEDS
KS0055492	KS0055492	TURKEY CREEK MSD #1	@	7.00	5.64	0.00	NEEDS
KS0055492	KS0079065	LEXENA MILL CREEK	c	0.60	0.55	0.20	NEEDS
KS0055492	KS0079910	BLUE RIVER NO. 1	c	0.00	0.00	0.00	NEEDS
KS0055492	KS0119296	INDUSTRIAL AIRPORT	c	0.00	0.00	0.00	NEEDS
KS0080837	KS0080837	CHANUTE WWTP	@	0.00	0.00	0.00	NONE

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KY0020036	KY0020036	NICHOLASVILLE STP	@	0.76	1.00	0.00	NEEDS
KY0020044	KY0020044	MOUNT STERLING STP	@	3.80	1.00	0.55	NEEDS
KY0020061	KY0020061	MARION STP	@	0.50	0.44	0.00	NEEDS
KY0020095	KY0020095	OWENSBORO WEST STP	@	12.00	8.60	1.51	NEEDS
KY0020095	KY0073377	OWENSBORO EAST STP	c	0.00	0.00	0.00	NEEDS
KY0020125	KY0020125	CALHOUN STP	@	0.20	0.07	0.00	NEEDS
KY0020133	KY0020133	CORBIN STP	@	3.00	2.00	0.21	NEEDS
KY0020150	KY0020150	GEORGETOWN STP	@	3.00	1.00	0.10	NEEDS
KY0020150	KY0082007	GEORGETOWN STP 2	c	0.00	0.00	0.00	NEEDS
KY0020257	KY0020257	MAYSVILLE STP	@	1.42	1.00	0.39	NEEDS
KY0020427	KY0020427	SHELBYVILLE STP	@	1.32	0.50	0.02	NEEDS
KY0020613	KY0020613	LIVERMORE STP	@	0.30	0.24	0.00	NEEDS
KY0020621	KY0020621	VERSAILLES STP	@	1.32	0.70	0.12	NEEDS
KY0020702	KY0020702		@	0.46	0.38	0.01	NEEDS
KY0020711	KY0020711	HENDERSON STP	@	5.00	4.30	0.50	NEEDS
KY0020877	KY0020877	RUSSELLVILLE STP	@	1.20	0.54	0.19	NEEDS
KY0020885	KY0020885	ADAIRVILLE STP	@	0.15	0.10	0.04	NEEDS
KY0020907	KY0020907	SPRINGFIELD STP	@	0.36	0.48	0.10	NEEDS
KY0020974	KY0020974	LANCASTER STP	@	0.35	0.45	0.04	NEEDS
KY0021008	KY0021008	WILLIAMSTOWN STP	@	0.90	0.23	0.00	NEEDS
KY0021067	KY0021067	LAWRENCEBURG STP	@	0.50	0.83	0.10	NEEDS
KY0021130	KY0021130	CALVERT CITY STP	@	0.39	0.24	0.00	NEEDS
KY0021164	KY0021164	GLASGOW STP #2	@	4.00	2.00	0.80	NEEDS
KY0021202	KY0021202	AUBURN STP	@	0.17	0.10	0.04	NEEDS
KY0021237	KY0021237	BARDSTOWN STP	@	3.00	1.09	0.15	NEEDS
KY0021270	KY0021270	LONDON STP	@	4.00	1.00	0.33	NEEDS
KY0021466	KY0021466	DRY CREEK STP	@	30.00	20.03	3.00	NEEDS
KY0021491	KY0021491	TOWN BRANCH STP	@	18.00	18.00	6.98	NEEDS
KY0021491	KY0021504	W. HICKMAN STP	c	8.75	9.02	0.36	NEEDS
KY0022039	KY0022039	ELIZABETHTOWN STP	@	3.10	1.66	0.36	NEEDS
KY0022373	KY0022373	ASHLAND STP	@	4.00	4.01	0.45	NEEDS
KY0022403	KY0022403	BOWLING GREEN STP	@	8.40	5.01	0.60	NEEDS
KY0022411	KY0022411	MORRIS FORMAN STP	@	105.00	90.61	38.00	NEEDS
KY0022411	KY0022420	HITE CREEK STP	c	4.40	2.22	1.26	NEEDS
KY0022411	KY0022462	GLENVIEW ACRES WTP	c	0.12	0.12	0.00	NEEDS
KY0022411	KY0022489	INDUSTRIAL WTP	c	0.90	0.30	0.00	PASS
KY0022411	KY0022497	KEN CARLA WTP	c	0.01	0.01	0.00	NEEDS
KY0022411	KY0036501	BERRYTOWN WTP	c	0.00	0.00	0.00	NEEDS
KY0022411	KY0036510	MUDDY FORK WTP	c	0.36	0.23	0.00	PASS
KY0022411	KY0044261	GLENVIEW BLUFF WTP	c	0.01	0.00	0.00	PASS
KY0022411	KY0078956	WEST COUNTY STP	c	0.17	0.30	0.00	PASS
KY0022799	KY0022799	PADUCAH STP	@	12.00	5.36	0.32	NEEDS
KY0022845	KY0022845	DREAMING CREEK STP	@	2.00	2.14	0.00	NEEDS
KY0022845	KY0022853	TATES CREEK STP	c	1.00	0.90	0.08	NEEDS
KY0022861	KY0022861	FRANKFORT STP	@	4.30	4.01	0.30	NEEDS
KY0022934	KY0022934	LEITCHFIELD WWP	@	1.30	0.81	0.14	NEEDS
KY0022942	KY0022942	MADISONVILLE WTP	@	4.50	3.31	0.42	NEEDS

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KY0023191	KY0023191	BEAVER DAM STP	@	0.15	0.47	0.28	NEEDS
KY0023370	KY0023370	CYNTHIANA STP	@	1.50	0.50	0.27	NEEDS
KY0023388	KY0023388	HOPKINSVILLE STP	@	3.00	2.00	0.51	NEEDS
KY0023388	KY0066532	HAMMOND-WOOD STP	c	3.00	0.71	0.00	NEEDS
KY0024287	KY0024287	OWINGSVILLE STP	@	0.20	0.10	0.00	NEEDS
KY0024619	KY0024619	STANFORD STP	@	0.80	0.57	0.00	NEEDS
KY0024783	KY0024783	SCOTTSVILLE STP	@	0.40	0.64	0.06	NEEDS
KY0025194	KY0025194	JEFFERSONTOWN STP	@	4.00	2.00	0.60	NEEDS
KY0025798	KY0025798	HARTFORD STP	@	0.50	0.30	0.01	NEEDS
KY0026549	KY0026549	LEBANON STP	@	1.50	0.50	0.00	NEEDS
KY0026611	KY0026611	OTIS B. CHANEY WWTP	@	3.00	2.00	0.00	NEEDS
KY0026883	KY0026883	EMINENCE STP	@	0.17	0.20	0.00	NEEDS
KY0026913	KY0026913	FULTON STP	@	0.40	0.56	0.00	EEDS
KY0027421	KY0027421	HARRODSBURG STP	@	2.68	1.60	0.13	NEEDS
KY0027456	KY0027456	FRANKLIN STP	@	1.20	1.00	0.35	NEEDS
KY0028100	KY0028100	EDMONTON STP	@	0.01	0.14	0.00	NEEDS
KY0028401	KY0028401	PRINCETON STP	@	1.07	0.63	0.00	NEEDS
KY0033791	KY0033791	KEVIL LAGOON	@	0.08	0.03	0.00	NEEDS
KY0033847	KY0033847	MONTICELLO STP	@	0.34	0.33	0.00	NEEDS
KY0037991	KY0037991	WINCHESTER STP	@	3.00	2.00	0.00	NEEDS
KY0041092	KY0041092	HORSE CAVE STP	@	0.00	0.00	0.00	NONE
KY0054437	KY0054437	CAMPBELLSVILLE STP	@	4.20	3.00	1.35	NEEDS
KY0057193	KY0057193	DANVILLE STP	@	2.70	2.00	0.20	NEEDS
KY0062995	KY0062995	RUSSELL CO. REG WWTP	@	2.50	0.27	0.00	NEEDS
KY0063649	KY0063649	GUTHRIE STP	@	0.32	0.18	0.00	NEEDS
KY0072761	KY0072761	MURRAY STP	@	3.50	3.01	0.20	NEEDS
KY0072885	KY0072885	MIDDLESBORO STP	@	3.00	1.89	0.32	NEEDS
KY0077801	KY0077801	INDUSTRIAL PARK	@	0.00	0.00	0.00	NONE
KY0079898	KY0079898	BUSHY CREEK STP	@	2.10	2.10	0.00	NEEDS
KY0090654	KY0090654	PARIS STP	@	2.20	0.80	0.00	NEEDS

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LA0036382	LA0036374	SOUTH SEWAGE PLANT	c	5.21	6.51	0.00	NEEDS
LA0036382	LA0036382	EAST SEWAGE PLANT	@	1.81	2.41	0.00	NEEDS
LA0036382	LA0036391	N.E. OXIDATION POND	c	0.69	0.33	0.00	NEEDS
LA0036382	LA0042561	AMBASSADOR CAFFERY	c	0.24	0.78	0.00	NEEDS
LA0036412	LA0036412	SOUTH STP	@	16.00	13.12	0.00	NEEDS
LA0036412	LA0036421	CENTRAL STP	c	16.00	14.13	0.00	NEEDS
LA0036412	LA0036439	NORTH STP	c	16.00	16.14	0.00	NEEDS
LA0038059	LA0038059	WESTWEGO STP	@	3.00	1.51	0.00	NEEDS
LA0038091	LA0038091	NEW ORLEANS E. BANK	@	122.00	91.81	1.30	NEEDS
LA0038091	LA0038105	NEW ORLEANS W. BANK	c	10.00	11.10	0.00	NEEDS
LA0038091	LA0038113	MICHOUD	c	3.00	1.01	0.00	NEEDS
LA0038326	LA0038326	KENNER STP 1	@	4.75	0.00	0.00	PASS
LA0038326	LA0038334	KENNER STP 2	c	5.00	5.23	0.00	NEEDS
LA0038326	LA0066800	KENNER STP 3	c	5.25	3.50	0.00	PASS
LA0038407	LA0038407	DERIDDER	@	2.06	0.76	0.00	NEEDS
LA0038741	LA0038741	MONROE WPCP	@	11.70	8.07	0.41	NEEDS
LA0041009	LA0041009	ALEXANDRIA WWTP	@	14.00	8.06	1.50	NEEDS
LA0041254	LA0041254	CROWLEY STP	@	2.50	2.02	0.00	NEEDS
LA0041394	LA0041394	LUCAS WWTP	@	24.00	21.62	1.25	NEEDS
LA0041394	LA0042188	NORTH HIGHLANDS	c	0.90	0.22	0.00	NEEDS
LA0053716	LA0053716	RED RIVER TP	@	10.08	6.53	0.00	NEEDS
LA0053716	LA0065978	NORTHEAST TP	c	2.00	1.00	0.10	PASS
LA0066630	LA0042048	MARRERO PLANT	c	4.80	12.35	0.00	NEEDS
LA0066630	LA0042064	BRIDGE CITY OLD PLT.	c	1.64	1.65	0.00	NEEDS
LA0066630	LA0042081	HARVEY PLANT	c	3.30	2.02	0.00	NEEDS
LA0066630	LA0066630	JEFF PARISH	@	0.00	0.00	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS-TRIAL FLOW, (MGD)	DATA SOURCE
MA0100137	MA0100137	MONTAGUE WWTP	@	1.83	1.30	0.21	NEEDS
MA0100315	MA0100315	ADAMS WWTP	@	10.20	5.39	4.24	NEEDS
MA0100382	MA0100382	FALL RIVER SCS & STP	@	21.00	21.10	3.72	NEEDS
MA0100412	MA0100412	WESTBOROUGH	@	1.19	1.31	0.30	NEEDS
MA0100439	MA0100439	WEBSTER STP	@	6.46	4.19	3.12	NEEDS
MA0100439	MA0100706	DUDLEY WWTP	c	0.00	0.60	0.10	NEEDS
MA0100447	MA0100447	GREATER LAWRENCE SA	@	52.00	31.24	10.23	NEEDS
MA0100455	MA0100455	SOUTH HADLEY WWTP	@	5.10	3.43	0.10	NEEDS
MA0100501	MA0100501	SOUTH ESSEX WPCF	@	41.00	25.31	10.20	NEEDS
MA0100510	MA0100510	HOOSAC WPCP	@	5.40	5.08	0.70	NEEDS
MA0100552	MA0100552	LYNN REGIONAL WPCP	@	0.00	0.00	0.00	NONE
MA0100595	MA0100595	ATTLEBORO WWTP	@	8.61	3.63	0.80	NEEDS
MA0100617	MA0100617	LEOMINSTER STP	@	8.79	6.03	0.75	NEEDS
MA0100625	MA0100625	GLOUCESTER WWTP	@	7.24	2.40	1.03	PASS
MA0100781	MA0100781	NEW BEDFORD WWTP	@	45.50	23.63	16.90	NEEDS
MA0100889	MA0100889	WARE WPCF	@	1.67	1.44	0.78	NEEDS
MA0100897	MA0100897	TAUNTON SEWAGE TP	@	8.40	6.63	2.20	NEEDS
MA0100901	MA0100901	SOUTHBRIDGE STP	@	2.30	1.51	0.07	NEEDS
MA0100986	MA0100986	FITCHBURG EAST WTP	@	12.40	11.70	1.00	NEEDS
MA0100986	MA0101281	FITCHBURG WEST WTP	c	14.00	14.01	12.00	NEEDS
MA0100994	MA0100994	GARDNER WWT WORKS	@	4.08	3.01	0.31	NEEDS
MA0101036	MA0101036	N. ATTLEBOROUGH WWTP	@	4.61	2.79	0.10	NEEDS
MA0101168	MA0101168	PALMER WPCF	@	5.60	3.24	0.00	NEEDS
MA0101214	MA0101214	GREENFIELD SEWAGE TP	@	3.20	3.00	0.40	NEEDS
MA0101427	MA0101427	NEWBURYPORT STP	@	2.50	1.41	0.25	NEEDS
MA0101478	MA0101478	EASTHAMPTON STP	@	3.80	2.51	0.70	NEEDS
MA0101508	MA0101508	CHICOPEE WWTP	@	15.50	10.49	1.40	NEEDS
MA0101516	MA0101516	MILLERS FALLS WWTP	@	1.00	0.05	0.00	NEEDS
MA0101524	MA0101524	GREAT BARRINGTON WW	@	3.20	1.97	0.00	NEEDS
MA0101613	MA0101613	BONDI ISLAND WWTP	@	64.10	44.99	12.00	NEEDS
MA0101621	MA0101621	HAVERTHILL WWTP	@	18.10	8.71	8.00	NEEDS
MA0101630	MA0101630	HOLYOKE WWTP	@	21.00	12.17	0.00	NEEDS
MA0101648	MA0101648	SOUTH DEERFIELD STP	@	0.85	0.61	0.23	NEEDS
MA0101681	MA0101681	PITTSFIELD WASTEWATE	@	17.00	10.57	0.28	NEEDS
MA0101711	MA0101711	BILLERICA WWTP	@	1.59	1.94	0.00	NEEDS
MA0101745	MA0101745	AMESBURY WWTP	@	1.90	1.51	0.23	NEEDS
MA0101800	MA0101800	WESTFIELD WPC	@	4.00	3.51	0.40	NEEDS
MA0101818	MA0101818	NORTHAMPTON WWTP	@	8.95	4.82	0.50	NEEDS
MA0102351	MA	MWRA NUT ISLAND WWTP	c	0.00	0.00	0.00	NEEDS
MA0102351	MA0102351	MWRA DEER ISLAND WWT	@	343.00	348.00	96.00	NEEDS
MA0102369	MA0102369	UPPER BLACKSTONE REG	@	56.00	32.49	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
MD0020681	MD0020681	ELKTON WWTP	@	2.70	0.88	0.00	NEEDS
MD0020982	MD0021725	PARKWAY STP	c	7.50	5.26	1.50	NEEDS
MD0020982	MD0020982	DAMASCUS STP	@	0.75	0.26	0.00	NEEDS
MD0020982	MD0021491	SENECA CRK SEWERAGE	c	4.50	4.54	0.00	NEEDS
MD0020982	MD0021539	PISCATAWAY WWTP	c	30.00	17.00	0.00	PASS
MD0020982	MD0021733	HORSEPEN SEWAGE SYST	c	1.00	0.44	0.00	NEEDS
MD0020982	MD0021741	WESTERN BRANCH WWTP	c	15.00	12.81	0.70	NEEDS
MD0021555	MD0021555	BACK RIVER WWTP	@	150.00	179.12	16.41	NEEDS
MD0021555	MD0021601	PATAPSCO WWTP	c	50.00	34.27	4.00	NEEDS
MD0021571	MD0021571	SALISBURY CITY WWTP	@	6.80	3.54	2.05	NEEDS
MD0021598	MD0021598	CUMBERLAND	@	15.00	10.81	0.19	NEEDS
MD0021610	MD0021610	FREDERICK CITY WWTP	@	7.00	4.60	0.47	NEEDS
MD0021636	MD0021636	CAMBRIDGE WWTF	@	8.10	5.05	2.20	NEEDS
MD0021644	MD0024350	BROADWATER	c	2.00	0.40	0.00	NEEDS
MD0021644	MD0021644	BROADNECK WWTP	@	4.00	2.21	0.00	NEEDS
MD0021644	MD0021652	PATUXENT WRF	c	9.71	3.56	0.08	NEEDS
MD0021644	MD0021661	COX CREEK WWTP	c	15.00	7.80	0.40	NEEDS
MD0021644	MD0023132	MARYLAND CITY STP	c	2.67	0.92	0.00	NEEDS
MD0021750	MD0021750	HAVRE DE GRACE WWTP	@	1.90	1.42	0.18	NEEDS
MD0021776	MD0021776	HAGERSTOWN WPCF	@	8.00	5.05	1.77	NEEDS
MD0021822	MD0020729	NEW MARKET STP	c	0.06	0.03	0.00	NEEDS
MD0021822	MD0020800	POINT OF ROCKS	c	0.00	0.00	0.00	NEEDS
MD0021822	MD0021822	BALLENGER CREEK WWTP	@	2.00	0.28	0.00	NEEDS
MD0022730	MD0022730	HURLOCK	@	1.35	1.00	0.87	NEEDS
MD0055174	MD0055174	LITTLE PATUXENT WWTP	@	15.00	5.23	0.03	NEEDS
MD0056545	MD0022535	JOPPATOWN STP	c	0.00	0.00	0.00	NEEDS
MD0056545	MD0024953	SPRING MEADOWS WTP	c	0.02	0.01	0.00	NEEDS
MD0056545	MD0052141	FALLSTON	c	0.04	0.04	0.04	PASS
MD0056545	MD0056545	SOD RUN WWTP	@	10.00	5.44	0.00	NEEDS
MDU000000	MDU000000	BALT.CO.SEWER SYSTEM	@	0.00	0.00	0.00	NONE

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ME0100013	ME0100013	AUGUSTA SEWAGE TP	@	7.95	5.50	1.41	NEEDS
ME0100048	ME0100048	BIDDEFORD WWTP	@	2.63	3.00	0.65	NEEDS
ME0100072	ME0100072	BREWER WWTP	@	3.03	2.85	1.08	NEEDS
ME0100137	ME0100137	CAMDEN WPCF	@	1.21	0.83	0.15	NEEDS
ME0100307	ME0100307	LISBON W P C PLANT	@	1.50	0.90	0.21	NEEDS
ME0100595	ME0100595	ROCKLAND WWTF	@	2.80	1.84	0.67	NEEDS
ME0100617	ME0100617	SANFORD WWTF	@	3.60	2.45	1.10	NEEDS
ME0100633	ME0100633	SOUTH PORTLAND STP	@	5.50	5.48	1.00	NEEDS
ME0100781	ME0100781	BANGOR WPAF	@	23.00	6.48	1.40	NEEDS
ME0100846	ME0100846	WESTBROOK PLANT	@	4.54	1.71	0.00	NEEDS
ME0100854	ME0100854	KENNEBEC WWTP	@	12.70	7.17	3.70	NEEDS
ME0101397	ME0101397	BERWICK WPCF	@	0.90	0.90	0.60	NEEDS
ME0101443	ME0101443	HARTLAND TP	@	1.33	1.14	1.00	NEEDS
ME0101478	ME0101478	LEWISTON-AUBURN WPCA	@	14.20	10.38	1.20	NEEDS
ME0102075	ME0102075	PORTLAND W.D. PLANT	@	15.20	11.26	1.24	NEEDS

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MI0020036	MI0020036	REED CITY STP	@	0.60	0.39	0.00	NEEDS
MI0020117	MI0020117	COLDWATER WWTP	@	2.70	2.02	0.50	NEEDS
MI0020176	MI0020176	CLARE WWTP	@	0.60	0.58	0.05	NEEDS
MI0020184	MI0020184	HOLLY STP	@	1.16	0.40	0.00	NEEDS
MI0020192	MI0020192	CARSON CITY STP	@	0.27	0.15	0.00	NEEDS
MI0020257	MI0020257	CADILLAC WWTP	@	2.00	2.18	0.00	NEEDS
MI0020265	MI0020265	ALMA WWTP	@	2.50	2.20	0.40	NEEDS
MI0020303	MI0020303	CHEBOYGAN WWTP	@	1.90	1.20	0.05	NEEDS
MI0020311	MI0020311	LOWELL SEWAGE TREAT	@	1.32	0.97	0.37	NEEDS
MI0020320	MI0020320	SOUTH HAVEN STP	@	2.33	2.17	0.00	NEEDS
MI0020362	MI0020362	MANISTEE STP	@	0.70	0.62	0.00	NEEDS
MI0020397	MI0020397	GREENVILLE STP	@	1.50	0.98	0.00	NEEDS
MI0020435	MI0020435	MASON WWTP	@	1.50	1.19	0.00	NEEDS
MI0020443	MI0020443	EVART STP	@	0.42	0.64	0.00	NEEDS
MI0020451	MI0020451	STURGIS WWTP	@	2.00	1.66	0.50	NEEDS
MI0020460	MI0020460	LAPEER STP	@	1.20	1.36	0.16	NEEDS
MI0020478	MI0020478	SPARTA WASTEWATER TR	@	0.70	0.77	0.00	NEEDS
MI0020494	MI0020494	PLAINWELL STP	@	1.30	0.30	0.05	NEEDS
MI0020524	MI0020524	ZEELAND STP	@	1.10	0.61	0.25	NEEDS
MI0020532	MI0020532	ALLEGAN STP	@	1.20	0.40	0.00	NEEDS
MI0020575	MI0020575	HASTINGS WWTP	@	1.00	0.83	0.14	NEEDS
MI0020583	MI0020583	TECUMSEH STP	@	1.40	1.10	0.00	NEEDS
MI0020656	MI0020656	MARYSVILLE STP	@	2.60	2.00	0.00	NEEDS
MI0020672	MI0020672	HARBOR BEACH STP	@	0.35	0.49	0.10	NEEDS
MI0020681	MI0020681	MORENCI SEWAGE SYS	@	0.30	0.28	0.01	NEEDS
MI0020711	MI0020711	PINCONNING WWTP	@	0.50	0.25	0.03	NEEDS
MI0020737	MI0020737	CHELSEA STP	@	0.91	0.75	0.00	NEEDS
MI0020761	MI0020761	BEDFORD TWP. WWTP	@	4.50	2.87	0.00	NEEDS
MI0020788	MI0020788	CHARLOTTE WWTP	@	1.20	0.72	0.00	NEEDS
MI0020851	MI0020851	BELDING STP	@	0.65	1.92	0.00	NEEDS
MI0020893	MI0020893	MARINE CITY STP	@	3.50	0.78	0.00	NEEDS
MI0020974	MI0020974	CONSTANTINE STP	@	0.60	0.37	0.16	NEEDS
MI0020991	MI0020991	THREE RIVERS WWTP	@	1.76	1.41	0.20	NEEDS
MI0021008	MI0021008	SOUTH CLINTON WWPT	@	5.00	0.93	0.00	NEEDS
MI0021041	MI0021041	IONIA STP	@	2.87	2.00	0.30	NEEDS
MI0021113	MI0021113	HOWELL STP	@	1.81	1.06	0.00	NEEDS
MI0021156	MI0021156	WYANDOTTE WWTP	@	100.00	81.00	37.00	NEEDS
MI0021164	MI0021164	TRENTON WWTP	@	5.50	5.60	1.10	NEEDS
MI0021181	MI0021181	ROCKWOOD	@	1.00	0.44	0.00	NEEDS
MI0021245	MI0021245	SPRING LAKE WWTP	@	5.00	3.02	1.00	NEEDS
MI0021334	MI0021334	LUDINGTON STP	@	2.50	1.70	0.35	NEEDS
MI0021474	MI0021474	BOYNE CITY STP	@	1.00	0.54	0.00	NEEDS
MI0021571	MI0021571	MILAN WWTP	@	1.85	0.78	0.20	NEEDS
MI0021679	MI0021679	ROMEO STP	@	2.08	0.75	0.00	NEEDS
MI0021741	MI0021741	PAW PAW STP	@	0.83	0.50	0.17	NEEDS
MI0022136	MI0022136	HILLSDALE WWTP	@	2.00	1.53	0.40	NEEDS
MI0022152	MI0022152	ADRIAN WWTP	@	7.00	4.93	0.65	NEEDS

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MI0022161	MI0022161	ALBION WPC	@	4.00	2.26	0.46	NEEDS
MI0022195	MI0022195	ALPENA WWTP	@	5.50	3.56	0.00	NEEDS
MI0022217	MI0022217	ANN ARBOR WWTP	@	29.50	15.14	0.75	NEEDS
MI0022233	MI0022233	AUGRES STP	@	0.20	0.11	0.00	NEEDS
MI0022276	MI0022276	BATTLE CREEK WWTP	@	14.00	11.90	6.75	NEEDS
MI0022284	MI0022284	BAY CITY STP	@	13.27	9.10	5.40	NEEDS
MI0022322	MI0022322	BENTON HARBOR-ST.JOS	@	13.50	7.21	0.85	NEEDS
MI0022381	MI0022381	BIG RAPIDS WWTS	@	2.40	1.61	0.04	NEEDS
MI0022446	MI0022446	BRIDGEPORT TWP STP	@	1.39	1.48	0.00	NEEDS
MI0022489	MI0022489	BUCHANAN WWTP	@	1.50	1.26	0.00	NEEDS
MI0022594	MI0022594	CASS CITY WWTP	@	0.59	0.36	0.00	NEEDS
MI0022713	MI0022713	HILLMAN WWTP	@	0.00	0.00	0.00	NONE
MI0022799	MI0022799	DELTA TWP WWTP	@	6.00	3.01	1.47	NEEDS
MI0022802	MI0022802	DETRIOT WWTP	@	840.00	660.50	141.00	NEEDS
MI0022829	MI0022829	DEXTER WWTP	@	0.58	0.21	0.00	NEEDS
MI0022837	MI0022837	DOWAGIAC STP	@	1.60	1.06	0.00	NEEDS
MI0022853	MI0022853	EAST LANSING WWP	@	18.75	11.27	0.00	NEEDS
MI0022918	MI0022918	ESSEXVILLE WWTP	@	0.75	0.96	0.00	NEEDS
MI0022926	MI0022926	FLINT WPCF	@	50.00	43.30	10.00	NEEDS
MI0022942	MI0022942	FRANKENMUTH STP	@	1.21	1.17	0.21	NEEDS
MI0022977	MI0022977	RAGNONE WWTP	@	20.00	20.68	1.00	NEEDS
MI0022993	MI0022993	GENESEE CO. #3 WWTP	@	2.75	2.70	0.10	NEEDS
MI0023001	MI0023001	GLADWIN STP	@	0.65	0.52	0.00	NEEDS
MI0023027	MI0023027	GRANDVILLE STP	@	4.40	4.40	0.22	NEEDS
MI0023108	MI0023108	HOLLAND AREA WTF	@	9.00	4.92	0.50	NEEDS
MI0023256	MI0023256	R.A. GREENE WWTP	@	20.00	13.43	4.70	NEEDS
MI0023299	MI0023299	KALAMAZOO WRP	@	53.30	30.50	16.00	NEEDS
MI0023400	MI0023400	LANSING WWTP	@	27.00	25.14	11.00	NEEDS
MI0023540	MI0023540	MARSHALL STP	@	3.00	3.15	0.00	NEEDS
MI0023582	MI0023582	MIDLAND WWTP	@	10.00	8.50	2.07	NEEDS
MI0023604	MI0023604	MILFORD TWP COLL SYS	@	1.17	0.84	0.00	NEEDS
MI0023647	MI0023647	MT. CLEMENS STP	@	3.00	3.78	0.30	NEEDS
MI0023655	MI0023655	MT PLEASANT WWTP	@	4.00	2.99	0.16	NEEDS
MI0023701	MI0023701	NILES WASTEWATER TRE	@	11.00	3.60	1.90	NEEDS
MI0023744	MI0023744	OSTEGO STP	@	0.51	0.52	0.11	NEEDS
MI0023752	MI0023752	OWOSSO WWTP	@	6.00	4.06	0.50	NEEDS
MI0023779	MI0023779	PAW PAW L. AREA STP	@	3.50	1.28	0.00	NEEDS
MI0023787	MI0023787	PETOSKEY WWTP	@	2.50	0.94	0.00	NEEDS
MI0023825	MI0023825	PONTIAC STP	@	25.50	16.98	8.00	NEEDS
MI0023833	MI0023833	PORT HURON STP	@	20.00	13.87	1.00	NEEDS
MI0023931	MI0023931	ROCHESTER STP	@	2.00	2.50	0.80	NEEDS
MI0023973	MI0023973	SW DIST SAGINAW TWP	@	1.50	4.29	0.00	NEEDS
MI0023981	MI0023981	CARROLLTON TWP WWTP	@	3.90	2.87	0.04	NEEDS
MI0024023	MI0024023	SALINE STP	@	2.69	1.38	0.50	NEEDS
MI0024139	MI0024139	STANDISH WWTP	@	0.30	0.30	0.00	NEEDS
MI0024252	MI0024252	VASSAR STP	@	0.79	0.63	0.15	NEEDS
MI0024287	MI0024287	HURON ROUGE STP	@	0.00	0.00	0.00	NONE

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MI0024295	MI0024295	WARREN WWTP	@	36.00	28.58	6.50	NEEDS
MI0024350	MI0024350	WHEATLAND TWP WWSL	@	0.08	0.06	0.00	NEEDS
MI0024384	MI0024384	WIXOM WWTP	@	1.10	0.55	0.24	NEEDS
MI0024392	MI0024392	WYOMING WWTP	@	19.00	12.90	4.00	NEEDS
MI0025577	MI0025577	SAGINAW WWTP	@	32.70	30.22	8.30	NEEDS
MI0025631	MI0025631	MENOMINEE WWTP	@	3.20	3.20	0.80	NEEDS
MI0026069	MI0026069	GRAND RAPIDS	@	66.00	58.68	15.00	NEEDS
MI0026468	MI0026468	ST. JOHNS WWTP	@	1.90	1.33	0.00	NEEDS
MI0027391	MI0027391	MUSKEGON CO. WWTP 1	@	42.00	32.25	26.65	NEEDS
MI0027481	MI0027481	TRAVERSE CITY AREA	@	8.50	3.27	0.00	NEEDS
MI0028401	MI0028401	MONROE METRO WWTP	@	24.00	12.27	3.00	NEEDS
MI0029173	MI0029173	WHITEHALL-MONTAGUE	@	1.70	1.70	1.27	NEEDS
MI0042439	MI0042439	BAY COUNT WEST STP	@	10.28	7.93	2.80	NEEDS
MI0042676	MI0042676	YCUA COMMUNITY WWTP	@	28.90	8.27	5.00	NEEDS
MI0042781	MI0042781	KALAMAZOO LAKE WWTP	@	0.75	0.11	0.03	NEEDS
MI0043800	MI0043800	HURON VALLEY WWTP	@	0.00	0.00	0.00	NONE

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Flows

CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
MN0024619	MN0024619	ROCHESTER WRP	@	12.50	7.80	1.90	NEEDS
MN0029815	MN0025488	ROSEMOUNT	c	0.60	0.29	0.00	NEEDS
MN0029815	MN0029815	METROPOLITAN TP	@	218.00	203.62	67.00	NEEDS
MN0029815	MN0029998	STILLWATER	c	3.00	2.11	0.05	NEEDS
MN0029815	MN0029882	BLUE LAKE	c	20.00	14.16	0.60	NEEDS
MN0029815	MN0030007	SENECA	c	24.00	18.21	0.50	NEEDS
MN0029815	MN0029912	BAYPORT	c	0.65	0.45	0.05	NEEDS
MN0029815	MN0029955	HASTINGS	c	1.82	1.52	0.06	NEEDS
MN0029815	MN0029963	CHASHA	c	0.75	0.65	0.05	NEEDS
MN0029815	MN0029904	COTTAGE GROVE	c	1.80	1.21	0.00	NEEDS
MN0029815	MN0029921	ANOKA	c	2.46	2.02	0.50	NEEDS
MN0029815	MN0045845	EMPIRE	c	6.00	3.54	0.00	NEEDS
MN0030147	MN0030147	WINONA STP	@	6.50	3.66	1.00	NEEDS
MN0041092	MN0041092	ALBERT LEA WWTP	@	8.45	6.96	4.53	NEEDS
MN0049786	MN0049786	WLSSD REGIONAL WWTF	@	43.63	35.53	14.42	NEEDS
MN0051284	MN0051284	OWATONNA WWTP (NEW)	@	4.61	2.26	0.56	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
MO0021440	MO0021440	MONETT WWTP	e	3.07	2.50	1.50	NEEDS
MO0022381	MO0022381	MOUNT VERNON WWTP	e	1.00	0.53	0.20	NEEDS
MO0022853	MO0022853	JACKSON WWTP	e	0.75	0.71	0.02	NEEDS
MO0023027	MO0023019	SEDALIA WWTP WEST	c	2.50	1.23	0.02	NEEDS
MO0023027	MO0023027	SEDALIA WWTP NORTH	e	2.50	1.40	0.26	NEEDS
MO0023027	MO0101567	SEDALIA WWTP S.E.	c	2.65	1.35	0.10	NEEDS
MO0023043	MO0023043	ST. JOSEPH WWTP	e	27.00	14.80	8.34	NEEDS
MO0023221	MO0023221	MACON WWTP	e	2.14	0.92	0.78	NEEDS
MO0023221	MO0040321	MACON WEST	c	0.12	0.17	0.00	NEEDS
MO0024911	MO0024911	BLUE RIVER	e	85.00	67.82	4.00	NEEDS
MO0024911	MO0024929	WESTSIDE WWTP	c	22.50	16.31	0.00	NEEDS
MO0024911	MO0024953	PLATTE COUNTY	c	0.96	0.51	0.00	NEEDS
MO0024911	MO0024961	TODD CREEK WWTP	c	2.00	1.70	0.10	NEEDS
MO0024911	MO0025003	INDUSTRIAL PARK	c	0.35	0.05	0.02	NEEDS
MO0024911	MO0048305	ROCKY BRANCH	c	0.75	0.61	0.00	NEEDS
MO0024911	MO0048313	FISHING RIVER	c	1.00	0.08	0.00	NEEDS
MO0024911	MO0049531	BIRMINGHAM WWTP	c	20.00	10.13	0.10	NEEDS
MO0025178	MO0004391	MISSOURI RIVER WWTP	c	10.00	11.35	0.00	NEEDS
MO0025178	MO0020877	EARTH CITY WWTP	c	0.05	0.03	0.00	NEEDS
MO0025178	MO0025062	BONFILS WWTP	c	1.61	1.51	0.00	NEEDS
MO0025178	MO0025097	WINDSOR	c	0.02	0.01	0.00	NEEDS
MO0025178	MO0025151	LEMAY WWTP	c	125.00	109.23	13.00	NEEDS
MO0025178	MO0025160	COLDWATER CREEK WWTP	c	21.00	27.59	5.00	NEEDS
MO0025178	MO0025178	BISSELL POINT	e	248.00	122.95	49.00	NEEDS
MO0025178	MO0084352	MERAMAC BOTTOMS	c	0.10	1.30	0.18	PASS
MO0025178	MO0101362	GRAND GLAIZE	c	16.00	10.60	0.00	NEEDS
MO0025178	MO0086126	FENTON	c	3.75	0.33	0.00	NEEDS
MO0025178	MO0094099	FOREST RIDGE	c	0.00	0.00	0.00	NEEDS
MO0025178	MO0097217	NEW ENGLAND VILLAGE	c	0.00	0.00	0.00	NEEDS
MO0025178	MO0100978	LOWER MERAMEC	c	4.00	4.05	0.00	NEEDS
MO0025178	MO0088463	BAUMGARTNER	c	6.00	4.00	0.00	NEEDS
MO0025178	MO0101591	ROTT ROAD	c	0.00	0.00	0.00	NEEDS
MO0025810	MO0025810	WASHINGTON MSTP	e	1.80	1.62	0.21	NEEDS
MO0028720	MO0028720	O'FALLON WWTP	e	5.25	2.03	1.00	NEEDS
MO0028827	MO0028819	MOBERLY WEST	c	0.76	0.78	0.00	NEEDS
MO0028827	MO0028827	MOBERLY OLD EAST WWT	e	1.70	1.07	0.19	NEEDS
MO0032883	MO0032883	MARSHALL WWTP	e	4.00	2.43	1.50	NEEDS
MO0033286	MO0033286	MARYVILLE WWTP	e	1.93	1.56	0.41	NEEDS
MO0035009	MO0035009	SIKESTON WTF	e	4.08	2.25	0.30	NEEDS
MO0036757	MO0036757	AURORA WWTP	e	0.85	0.85	0.20	NEEDS
MO0039136	MO0039136	CARTHAGE WWTP	e	1.51	1.46	0.40	NEEDS
MO0039748	MO0039748	TRENTON MAIN WWTP	e	1.90	1.58	0.59	NEEDS
MO0039926	MO0039926	NEOSHO WWTP-CROWDER	e	0.00	0.00	0.00	NEEDS
MO0040738	MO0040738	BOONVILLE WWTP	e	1.83	1.47	0.54	NEEDS
MO0040843	MO0040843	MARSHFIELD WWTP	e	1.00	0.63	0.00	NEEDS
MO0042579	MO0042579	CASSVILLE WWTP	e	0.50	0.56	0.07	NEEDS
MO0049506	MO0049506	KIRKSVILLE WWTP	e	5.00	2.44	0.20	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
MO0049522	MO0049522	SPRINGFIELD SW WWTP	@	30.00	26.00	1.40	NEEDS
MO0049522	MO0103039	SPRINGFIELD NW WWTP	c	6.47	3.04	0.16	NEEDS
MO0050580	MO0050580	CAPE GIRARDEAU WWTP	@	7.00	5.48	0.20	NEEDS
MO0050580	MO0056154		c	0.00	0.00	0.00	NEEDS
MO0051144	MO0051144	FERRYVILLE WWTP	@	0.90	0.43	0.16	NEEDS
MO0051144	MO0098957	PERRYVILLE AIRPORT	c	0.00	0.00	0.00	NEEDS
MO0055379	MO0055379	MONROE CITY WWTP	@	0.80	0.26	0.03	NEEDS
MO0055905	MO0054593	WARRENSBURG NORTH	c	0.27	0.15	0.00	NEEDS
MO0055905	MO0055905	NORTHWEST PLANT	@	1.71	1.12	0.10	NEEDS
MO0055905	MO0094579	NORTHEAST	c	1.50	0.85	0.10	NEEDS
MO0058351	MO0058343	MISSISSIPPI R. STP	c	5.50	3.20	0.00	NEEDS
MO0058351	MO0058351	MISSOURI RIVER STP	@	3.00	2.30	0.05	NEEDS
MO0089010	MO0089010	LEBANON WWTP	@	2.25	1.55	0.00	NEEDS
MO0089109	MO0089109	NEVADA WWTP	@	1.75	1.77	0.40	NEEDS
MO0089681	MO0089681	ROCK CREEK WWTP	@	10.00	9.00	3.03	NEEDS
MO0093513	MO0093513	HANNIBAL WWTP	@	4.00	2.63	0.30	NEEDS
MO0093599	MO0093599	WENTZVILLE WRC	@	1.00	0.32	0.00	NEEDS
MO0094846	MO0094846	JEFFERSON CITY WWTP	@	6.20	6.04	1.12	NEEDS
MO0097837	MO0097837	COL. HINKSON-PERCHE	@	13.00	13.26	0.44	NEEDS
MO0099465	MO0099465	ST. CLAIR	@	0.53	0.34	0.00	NEEDS
MO0100030	MO0100030	MALDEN IND. PARK STP	@	0.85	0.62	0.02	NEEDS
MO0101087	MO0101087	ATHERTON PLANT	@	40.00	15.32	0.30	NEEDS
MO0103349	MO0023256	SHOAL CREEK FACILITY	c	6.50	5.41	1.55	NEEDS
MO0103349	MO0023264	LONE ELM WWTF	c	10.00	10.21	4.50	NEEDS
MO0103349	MO0103349	TURKEY CREEK WWTP	@	6.00	4.50	0.30	NEEDS
MO0106399	MO0048569	CAMDENTON #1	c	0.18	0.08	0.00	NEEDS
MO0106399	MO0048585	CAMDENTON #2	c	0.07	0.03	0.00	NEEDS
MO0106399	MO0048593	CAMDENTON #6	c	0.09	0.04	0.00	NEEDS
MO0106399	MO0048607	CAMDENTON #5	c	0.07	0.03	0.00	NEEDS
MO0106399	MO0106399	CAMDENTON WWTP	@	0.03	0.01	0.00	NEEDS
MO0107956	MO0107956	NORTH K.C. WATER TP	@	7.00	3.30	2.34	PASS
MO0108227	MO0108227	CHILLICOTHE	@	2.52	1.59	0.25	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
MT0021920	MT0021920	GREAT FALLS STP	@	20.00	1.99	0.20	NEEDS
MT0022012	MT0022012	SILVER BOW CITY MSOI	@	8.00	7.68	0.01	NEEDS
MT0022586	MT0022586	BILLINGS WWTP	@	22.00	13.56	0.41	NEEDS
MT0022594	MT0022594	MISSOULA SEW TRT	@	8.00	4.93	0.20	NEEDS
MT0022608	MT0022608	BOZEMAN WWTP	@	8.31	3.19	0.04	NEEDS
MT0022641	MT0022641	HELENA WWTP	@	6.00	3.18	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NC0020044	NC0020044	WILLIAMSTON WWTP	e	1.50	1.21	0.01	NEEDS
NC0020117	NC0020117	CLINTON WTP	e	3.00	2.22	0.95	NEEDS
NC0020184	NC0020184	LONG CREEK WWTP	e	8.00	5.03	2.10	NEEDS
NC0020184	NC0020192	CATAWBA CREEK WTP	c	9.00	6.20	3.30	NEEDS
NC0020290	NC0020290	BURNSVILLE	e	0.30	0.21	0.00	NEEDS
NC0020338	NC0020338	YADKINVILLE WWTP	e	0.30	0.26	0.01	NEEDS
NC0020389	NC0020389	BENSON STP	e	0.83	0.44	0.08	NEEDS
NC0020401	NC0020401	NORTHEAST WWTP	e	6.00	2.13	1.03	NEEDS
NC0020427	NC0020427	ROCKINGHAM WWTP	e	4.80	2.25	0.77	NEEDS
NC0020451	NC0020451	WEST JEFFERSON STP	e	0.16	0.12	0.05	NEEDS
NC0020541	NC0020541	PEACHTREE WTP	e	6.75	4.36	0.89	NEEDS
NC0020541	NC0024236	NORTH SIDE WTP	c	4.50	2.01	1.67	NEEDS
NC0020559	NC0020559	NUTBUSH CREEK WTP	e	4.14	2.42	0.61	NEEDS
NC0020559	NC0040797	HENRY FORK WWTP	c	0.00	0.00	0.00	NEEDS
NC0020567	NC0020567	ELKIN STP	e	0.80	0.66	0.08	NEEDS
NC0020591	NC0020591	THIRD CREEK WWTP	e	4.00	0.96	0.35	NEEDS
NC0020591	NC0031836	FOURTH CREEK WWTP	c	4.00	1.96	0.65	NEEDS
NC0020605	NC0020605	TARBORO WWTP	e	3.00	2.91	0.00	NEEDS
NC0020621	NC0020621	BOONE STP	e	3.20	2.17	0.13	NEEDS
NC0020648	NC0020648	WASHINGTON STP	e	2.25	1.49	0.21	NEEDS
NC0020664	NC0020664	SPINDALE WWTP	e	2.53	2.57	1.56	NEEDS
NC0020737	NC0020737	PILOT CREEK WWTP	e	4.00	1.41	1.00	NEEDS
NC0020737	NC0020745	MCGILL'S	c	1.00	0.62	0.20	NEEDS
NC0020761	NC0020761	N. WILKESBORO WPCP	e	1.00	0.40	0.00	NEEDS
NC0020800	NC0020800	ANDREWS TP	e	0.25	0.22	0.00	NEEDS
NC0020826	NC0020826	OATES CREEK WTP	e	1.50	0.74	0.26	NEEDS
NC0020940	NC0020940	MURPHY WTP	e	0.50	0.36	0.00	NEEDS
NC0021024	NC0021024	ROXBORO WWTP	e	4.00	3.35	2.28	NEEDS
NC0021105	NC0021105	MT.GILEAD WWTP	e	0.85	0.76	0.33	NEEDS
NC0021121	NC0021121	MT. AIRY MUN. WWTP	e	4.00	2.63	1.60	NEEDS
NC0021156	NC0021156	AERATION	e	4.00	2.12	1.50	NEEDS
NC0021181	NC0021181	BELTON WWTP	e	5.00	2.59	1.40	NEEDS
NC0021211	NC0021211	GRAHAM WWTP	e	3.50	2.04	0.50	NEEDS
NC0021229	NC0021229	OLD FORT WWTP	e	0.20	0.45	0.13	NEEDS
NC0021261	NC0021261	KERNERSVILLE-SALEM	e	0.00	0.00	0.00	NONE
NC0021318	NC0021318	RANLO WTP	e	0.25	0.11	0.00	NEEDS
NC0021369	NC0021369	COLUMBUS WWTP	e	0.80	0.24	0.20	NEEDS
NC0021423	NC0021423	SPRUCE PINE WWTP	e	0.45	0.31	0.08	NEEDS
NC0021474	NC0021474	MEBANE STP	e	0.80	0.68	0.28	NEEDS
NC0021601	NC0021601	TRYON MUN. WWTP	e	0.80	0.82	0.22	NEEDS
NC0021628	NC0021628	NORWOOD STP	e	0.38	0.29	0.05	NEEDS
NC0021636	NC0021636		e	0.32	0.25	0.00	NEEDS
NC0021709	NC0021709		e	0.15	0.18	0.01	NEEDS
NC0021717	NC0021717	WILKESBORO WWTP	e	3.30	1.77	1.46	NEEDS
NC0021784	NC0021784	ELLERBE WWTP	e	0.20	0.05	0.02	NEEDS
NC0021865	NC0021865	CHADBOURN MUNICIPAL	e	0.50	0.86	0.04	NEEDS
NC0021873	NC0021873	MAYODAN WWTP	e	0.35	0.54	0.40	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NC0021890	NC0021890	GRANITE FALLS WWTP	@	0.50	0.29	0.05	NEEDS
NC0021920	NC0021920	WHITEVILLE WWTP	@	2.50	1.40	0.00	NEEDS
NC0023337	NC0023337	SCOTLAND NECK STP	@	0.60	0.63	0.05	NEEDS
NC0023868	NC0023868	EAST BURLINGTON WWTP	@	12.00	5.05	3.00	NEEDS
NC0023868	NC0023876	SOUTH BURLINGTON WTP	c	9.50	6.50	2.72	NEEDS
NC0023892	NC0023884	GRANTS CREEK STP	c	5.00	3.58	0.39	NEEDS
NC0023892	NC0023892	TOWN CREEK STP	@	5.00	3.52	2.60	NEEDS
NC0023906	NC0023906	HOMINY CREEK PLANT	@	10.00	6.26	1.45	NEEDS
NC0023931	NC0023931	GREENVILLE WWTP	@	8.00	6.62	1.46	NEEDS
NC0023949	NC0023949	GOLDSBORO WWTP	@	10.08	4.80	0.25	NEEDS
NC0023957	NC0023957	CROSS CREEK WWTP	@	16.00	10.86	2.90	NEEDS
NC0023957	NC0050105	ROCKFISH CREEK WWTP	c	6.00	0.00	0.00	NEEDS
NC0023965	NC0023965	J A LOUGHLIN PLANT	@	8.00	5.28	0.76	NEEDS
NC0023981	NC0023736	GUNPOWDER CR WWTP	c	1.00	0.38	0.10	NEEDS
NC0023981	NC0023981	LOWER CREEK WWTP	@	6.00	2.03	0.90	NEEDS
NC0024112	NC0024112	HAMBY CK WASTE TR PL	@	4.00	2.23	1.05	NEEDS
NC0024121	NC0024121	WILSON BAY WWTP	@	4.45	2.15	0.00	NEEDS
NC0024147	NC0024147	BUFFALO CREEK STP	@	5.00	2.05	0.75	NEEDS
NC0024201	NC0024201	ROANOKE RAPIDS WWTP	@	8.60	4.10	3.00	NEEDS
NC0024210	NC0024210	EASTSIDE PCP	@	16.00	8.23	2.26	NEEDS
NC0024210	NC0024228	WESTSIDE	c	4.00	2.84	2.20	NEEDS
NC0024244	NC0024244	ALBEMARLE STP	@	16.00	8.18	5.00	NEEDS
NC0024252	NC0024252	NORTHEAST WWTP	@	0.60	0.20	0.06	NEEDS
NC0024252	NC0024261	SOUTHWEST WWTP	c	0.00	0.00	0.00	NEEDS
NC0024252	NC0024279	SOUTHEAST WWTP	c	0.30	0.21	0.05	NEEDS
NC0024333	NC0024333	MONROE WWTP	@	15.00	6.29	2.90	NEEDS
NC0024368	NC0024368	ZEBULON WWTP	@	0.54	0.21	0.07	NEEDS
NC0024538	NC0024538	WASTEWATER TRT PLT	@	6.00	3.74	0.75	NEEDS
NC0024571	NC0024571	LUMBERTON WWTP	@	7.00	5.43	0.35	NEEDS
NC0024872	NC0024872	COOLEEMEE WTP	@	0.20	0.13	0.00	NEEDS
NC0024881	NC0024881	TROUBLESOME CR STP	@	5.00	3.54	1.32	NEEDS
NC0024911	NC0024911	MSD MAIN WASTEWATER	@	25.00	24.08	9.75	NEEDS
NC0024945	NC0024937	SUGAR CREEK WWTP	c	14.70	13.30	1.75	NEEDS
NC0024945	NC0024945	IRWIN CREEK TP	@	15.00	11.48	1.00	NEEDS
NC0024945	NC0024970	MCALPINE	c	40.00	28.68	3.00	NEEDS
NC0024945	NC0030210	MALLARD CREEK WWTP	c	5.00	0.63	0.10	NEEDS
NC0024945	NC0036277	MCDOWELL CREEK WTP	c	3.00	0.11	0.01	NEEDS
NC0025011	NC0025011	ELIZABETH CITY WTP	@	2.50	3.24	0.00	NEEDS
NC0025020	NC0025020	WENDELL WWTP	@	0.60	0.31	0.08	NEEDS
NC0025054	NC0021415	SOUTHSIDE #1	c	0.75	0.60	0.05	NEEDS
NC0025054	NC0025054	SOUTHSIDE #2	@	1.25	0.31	0.31	NEEDS
NC0025054	NC0025062	NORTHSIDE	c	0.63	0.24	0.00	NEEDS
NC0025071	NC0025071	MEBANE BRIDGE WWTP	@	7.00	2.44	2.00	NEEDS
NC0025071	NC0025151	DRY CREEK WWTP	c	0.24	0.22	0.05	NEEDS
NC0025321	NC0025321	WAYNESVILLE STP	@	6.00	3.15	0.12	NEEDS
NC0025348	NC0025348	NEW BERN WWTP	@	3.00	2.93	1.00	NEEDS
NC0025445	NC0025445	RANDLEMAN WWTP	@	0.50	0.40	0.10	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NC0025453	NC0025453	CLAYTON WWTP	@	0.60	0.32	0.00	NEEDS
NC0025496	NC0025496	LINCOLNTON WWTP	@	2.50	2.81	2.23	NEEDS
NC0025534	NC0025534	HENDERSONVILLE WWTP	@	2.30	2.18	0.14	NEEDS
NC0025577	NC0025577	RED SPRINGS STP	@	1.50	0.80	0.06	NEEDS
NC0025984	NC0025984	FOREST CITY WWTP	@	1.00	1.04	0.08	NEEDS
NC0026042	NC0026042	ROBERSONVILLE WWTP	@	1.20	0.30	0.20	NEEDS
NC0026051	NC0023841	NORTHSIDE WWTP	c	9.00	6.70	1.39	NEEDS
NC0026051	NC0026051	TRIANGLE WWTP	@	3.00	0.91	0.35	NEEDS
NC0026051	NC0026336	ENO RIVER WWTP	c	1.50	0.32	0.00	NEEDS
NC0026051	NC0047597	FARRINGTON RD	c	10.00	10.27	0.00	NEEDS
NC0026123	NC0026123	ASHEBORO WWTP	@	4.00	2.88	1.34	NEEDS
NC0026433	NC0026433	HILLSBORO WWTP	@	2.00	0.57	0.39	NEEDS
NC0026441	NC0026441	SILER CITY WWTP	@	1.79	2.03	0.81	NEEDS
NC0026514	NC0026514	RAEFORD WWTP	@	3.00	1.83	0.73	NEEDS
NC0026549	NC0026549	CLAREMONT SOUTH WWTP	@	0.10	0.08	0.02	NEEDS
NC0026549	NC0032662	CLAREMONT NORTH WWTP	c	0.10	0.09	0.03	NEEDS
NC0026557	NC0026557	MUNICIPAL PLANT	@	0.30	0.21	0.00	NEEDS
NC0026565	NC0026565	RAMSEUR WTR POLL CNT	@	0.30	0.26	0.13	NEEDS
NC0026573	NC0026573	CATAWBA RIVER PCF	@	8.00	3.87	2.30	NEEDS
NC0026646	NC0026646	PILOT MOUNTAIN WWTP	@	1.50	0.71	0.49	NEEDS
NC0026689	NC0026689	DENTON STP	@	0.29	0.00	0.00	NONE
NC0026824	NC0026824	JOHN UMSTEAD HOSP ST	@	0.00	0.00	0.00	NEEDS
NC0027120	NC0027120	LAURINBURG-MAXTON WW	@	0.30	0.37	0.01	NEEDS
NC0028011	NC0028011	STONEVILLE-MAYO RPCF	@	0.15	0.10	0.00	NEEDS
NC0028118	NC0028118	FUQUAY-VARINA WTP	@	1.20	0.63	0.03	NEEDS
NC0028916	NC0028916	TROY OXID, LAGOON	@	0.31	0.25	0.01	NEEDS
NC0029033	NC0029033	NEUSE RIVER WWTP	@	40.00	23.58	1.70	NEEDS
NC0029572	NC0029572	SR 1218	@	3.50	0.58	0.00	NEEDS
NC0030317	NC0030317	ROCKY MOUNT WWTP	@	14.00	10.20	6.57	NEEDS
NC0030759	NC0030759	SMITH CREEK WWTP	@	1.20	0.21	0.00	NEEDS
NC0031879	NC0027413	PLANT #2	c	0.30	0.15	0.00	NEEDS
NC0031879	NC0031879	CORPENING CREEK WWTP	@	0.00	0.00	0.00	NONE
NC0032077	NC0032077	S PITT CO INT & WTP	@	2.00	1.31	0.00	NEEDS
NC0036196	NC0036196	CLARK CREEK	@	5.00	2.33	1.20	NEEDS
NC0036269	NC0036269	NEW ROCKY RIVER WWTP	@	24.00	10.31	6.00	NEEDS
NC0037508	NC0037508	MOORE CO REGIONAL WW	@	6.69	3.50	0.32	NEEDS
NC0037834	NC0037834	ARCHIE ELLEDGE WWTP	@	36.00	23.55	13.98	NEEDS
NC0039578	NC0039578	JACKSON CO. WWTP	@	1.50	0.59	0.00	NEEDS
NC0041408	NC0041408	ANSON COUNTY WWTP	@	3.50	2.99	1.90	NEEDS
NC0041696	NC0041696	MCGALLIARD CRK WWTP	@	7.50	0.31	0.00	NEEDS
NC0043532	NC0043532	LONG CREEK	@	0.50	0.24	0.10	NEEDS
NC0044440	NC0044440	BALLARD COLL SYS	@	2.00	1.50	0.54	NEEDS
NC0046728	NC0046728	ROCKY RIVER WWTP	@	5.20	5.25	3.34	NEEDS
NC0047384	NC0024325	NORTH BUFFALO WWTP	c	18.00	12.28	0.60	NEEDS
NC0047384	NC0047384	OSBORNE (METRO) WWTP	@	0.00	0.00	0.00	NEEDS
NC0048879	NC0048879	COLE'S BRANCH-NORTH	@	0.00	0.00	0.00	NONE
NC0048879	NC0065102	SOUTH STP	c	0.00	0.00	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NC0050903	NC0021491	DUTCHMAN STP	c	0.32	0.16	0.00	NEEDS
NC0050903	NC0050903	WEST STP (BEAR CK)	@	0.00	0.00	0.00	NONE
NC0055786	NC0055786	LEX. REG. WWTP	@	0.00	5.00	0.00	PCS
NC0058548	NC0058548	STAR WWTP	@	0.00	0.00	0.00	NONE
NC0062855	NC0062855	ROBBINS STP	@	0.00	0.00	0.00	NONE
NC0064050	NC0064050	MIDDLE CREEK WWTP	@	0.00	0.00	0.00	NONE
NC0064891	NC0064891	KENLY STP	@	0.00	0.00	0.00	NONE

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
ND0022870	ND0022870	FARGO WWTP	@	7.60	5.81	0.50	NEEDS
ND0022888	ND0022888	GRAND FORKS LAGOON	@	9.00	5.45	1.50	NEEDS
ND0023434	ND0023434	BISMARCK WWTP	@	5.04	4.82	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NH0100056	NH0100056	DERRY STP	@	4.20	1.50	0.12	NEEDS
NH0100161	NH0100161	MERRIMACK WWTP	@	5.00	3.40	2.00	NEEDS
NH0100170	NH0100170	NASHUA WWTP	@	19.50	9.75	2.35	NEEDS
NH0100277	NH0100277	SOMERSWORTH WWTP	@	2.41	1.24	0.50	NEEDS
NH0100447	NH0100447	MANCHESTER WWTP	@	26.00	16.54	7.00	NEEDS
NH0100471	NH0100471	MILFORD	@	2.15	1.16	0.00	NEEDS
NH0100668	NH0100668	ROCHESTER WWTF	@	3.93	2.50	0.30	NEEDS
NH0100790	NH0100790	KEENE WWTP	@	6.00	3.41	0.50	NEEDS
NH0100871	NH0100871	EXETER WWTP	@	2.61	2.06	0.07	NEEDS
NH0100901	NH0100331	CONCORD PENACOOK	c	4.20	0.53	0.02	NEEDS
NH0100901	NH0100901	CONCORD HALL STREET	@	10.10	4.70	0.50	NEEDS
NH0100960	NH0100960	WINNIPESAUKEE RBWWTP	@	11.54	4.50	0.87	NEEDS
NH0101257	NH0101257	CLAREMONT WWTF	@	3.89	1.70	0.20	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NJ0020028	NJ0020028	LITTLE FERRY STP	@	50.00	61.12	7.00	NEEDS
NJ0020141	NJ0020141	MIDDLESEX CO SA STP	@	120.00	84.81	13.00	NEEDS
NJ0020923	NJ0020923	TRENTON STP	@	20.00	17.24	4.60	NEEDS
NJ0021016	NJ0021016	PASSAIC VAL. SC STP	@	225.00	222.82	100.00	NEEDS
NJ0021016	NJ0022071	RIVERVIEW	c	1.00	1.08	0.15	NEEDS
NJ0021016	NJ0022080		c	0.38	0.10	0.06	NEEDS
NJ0021016	NJ0022161	KEARNY STP	c	4.00	2.33	0.00	NEEDS
NJ0021016	NJ0025836	BAYONNE STP	c	21.00	6.92	2.20	NEEDS
NJ0021016	NJ0027014	EAST SIDE STP	c	46.62	27.74	14.00	NEEDS
NJ0021016	NJ0027022	WEST SIDE STP	c	36.00	14.43	7.23	NEEDS
NJ0022349	NJ0022349	ROCKAWAY VAL RE STP	@	12.00	7.70	0.00	NEEDS
NJ0024015	NJ0024015	RANCOCAS ROAD STP	@	5.00	2.16	0.60	NEEDS
NJ0024643	NJ0024643	RAHWAY VALLEY STP	@	35.00	27.94	5.58	NEEDS
NJ0024686	NJ0024686	GLOUCESTER CO STP	@	16.50	14.80	1.76	NEEDS
NJ0024708	NJ0024708	BAYSHORE REG STP	@	8.00	6.85	0.00	NEEDS
NJ0024741	NJ0024741	JT MEET STP	@	75.00	66.12	21.00	NEEDS
NJ0024759	NJ0024759	EWING-LAWRENCE STP	@	11.00	8.16	1.10	NEEDS
NJ0024813	NJ0024813	N.W.BERGEN CO STP	@	8.50	5.56	0.00	NEEDS
NJ0024864	NJ0024864	SOMERSET-RARITAN STP	@	10.00	10.54	1.00	NEEDS
NJ0024902	NJ0024902	HANOVER SA WWTP	@	4.00	2.08	0.30	NEEDS
NJ0024929	NJ0024911	BUTTERWORTH STP	c	2.00	1.72	0.25	NEEDS
NJ0024929	NJ0024929	WOODLAND STP	@	2.00	1.38	0.30	NEEDS
NJ0024953	NJ0024953	LINDEN ROSELLE STP	@	12.50	11.80	4.00	NEEDS
NJ0026182	NJ0024481	BALDWIN RUN STP	c	4.50	2.54	0.00	NEEDS
NJ0026182	NJ0026182	CAMDEN CO MAIN STP	@	53.00	28.94	3.80	NEEDS
NJ0026301	NJ0026301	HAMILTON TWP MAIN ST	@	16.00	9.74	0.90	NEEDS
NJ0028002	NJ0026841	SHEFFIELD HILLS STP	c	1.00	1.24	0.00	NEEDS
NJ0028002	NJ0028002	MT. VIEW WPCP	@	6.00	6.07	1.87	NEEDS
NJ0028142	NJ0026018	SOUTHERN WPCF	c	20.00	6.13	0.00	NEEDS
NJ0028142	NJ0028142	NORTHERN WPCF	@	28.00	16.97	0.00	NEEDS
NJ0028142	NJ0029408	CENTRAL WPCF	c	24.00	17.02	0.00	NEEDS
NJ0029386	NJ0029386	TWO BRIDGES STP	@	7.50	3.00	0.00	NEEDS
NJ0031119	NJ0031119	STONY BROOK RSA STP	@	10.00	7.29	1.30	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NM0020311	NM0020311	ROSWELL STP	@	5.00	3.50	1.05	NEEDS
NM0022250	NM0022250	ALBUQUERQUE WWTP 2	@	39.00	47.90	3.78	NEEDS
NM0022292	NM0022292	AIRPORT ROAD STP	@	2.50	5.00	0.00	NEEDS
NM0023311	NM0023311	LAS CRUCES STP	@	2.90	5.50	0.23	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NV0020133	NV0020133	LAS VEGAS WWTF	@	37.50	36.10	0.00	NEEDS
NV0020150	NV0020150	RENO-SPARKS WWTF	@	40.00	28.00	0.00	NEEDS
NV0020222	NV0020222	CARSON CITY WWTF	@	12.00	4.50	0.70	PASS
NV0021261	NV0021261	CLARK CO. AWWTP	@	58.50	38.85	0.00	NEEDS
NVU900000	NVU900000	HENDERSON WWTF 3	@	6.30	5.70	0.04	PASS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
NY0020290	NY0020290	AMSTERDAM STP	@	10.00	5.82	1.00	NEEDS
NY0020516	NY0020516	SCHENECTADY STP	@	18.40	13.60	1.36	NEEDS
NY0020681	NY0020681	BLASDELL STP	@	0.75	0.88	0.12	NEEDS
NY0021610	NY0021610	WEBSTER STP	@	4.60	1.92	0.05	NEEDS
NY0021903	NY0021903	AUBURN STP	@	9.30	9.58	1.90	NEEDS
NY0022331	NY0022331	MIDDLEPORT STP	@	0.70	0.59	0.00	NEEDS
NY0022403	NY0022403	LITTLE FALLS STP	@	5.60	4.30	2.00	NEEDS
NY0022446	NY0022446	NEW WINDSOR STP SD	@	5.00	3.50	0.15	NEEDS
NY0022748	NY0022748	SUFFERN STP	@	1.90	1.13	0.00	NEEDS
NY0024414	NY0024414	B-JC JOINT SD STP	@	18.25	19.13	3.70	NEEDS
NY0025780	NY0025780	ONEIDA CO SD WPCP	@	27.00	26.02	3.80	NEEDS
NY0025950	NY0025950	AMHERST SD #16 STP	@	24.00	8.01	0.00	NEEDS
NY0025968	NY0025968	CANANDAIGUA STP	@	6.50	2.30	0.30	NEEDS
NY0025976	NY0025976	BEACON WPCP	@	6.00	3.93	0.66	NEEDS
NY0025984	NY0025984	FIELD MEMORIAL WPCP	@	8.00	7.34	1.50	NEEDS
NY0026018	NY0026018	PLATTSBURGH STP	@	16.00	10.24	4.14	NEEDS
NY0026042	NY0026042	G-J JOINT SD STP	@	9.50	9.20	4.50	NEEDS
NY0026051	NY0026051	ORANGETOWN DPW	@	8.50	7.21	1.90	NEEDS
NY0026131	NY0026107	PORT RICHMOND WPCP	c	60.00	34.03	1.24	NEEDS
NY0026131	NY0026115	JAMAICA WPCP	c	100.00	96.09	2.11	NEEDS
NY0026131	NY0026131	WARDS ISLAND WPCP	@	250.00	250.25	2.75	NEEDS
NY0026131	NY0026204	NEWTOWN CREEK WPCP	c	310.00	271.25	16.02	NEEDS
NY0026131	NY0026158	BOWERY BAY WPCP	c	150.00	129.11	18.00	NEEDS
NY0026131	NY0026174	OAKWOOD BEACH WPC FA	c	40.00	24.02	0.00	NEEDS
NY0026131	NY0026182	CONEY ISLAND WPCP	c	110.00	93.09	0.37	NEEDS
NY0026131	NY0026191	HUNTS POINT WPCP	c	200.00	122.12	1.84	NEEDS
NY0026131	NY0026166	OWLS HEAD WPCP	c	160.00	87.09	1.35	NEEDS
NY0026131	NY0026212	26TH WARD WPCP	c	85.00	64.06	1.07	NEEDS
NY0026131	NY0026221	ROCKAWAY WPCP	c	45.00	21.02	0.00	NEEDS
NY0026131	NY0026239	TALLMANS ISLAND WPCP	c	80.00	61.06	2.00	NEEDS
NY0026131	NY0026247	NORTH RIVER WPCP	c	0.00	0.00	0.00	NEEDS
NY0026131	NY0027073	RED HOOK WPC	c	0.00	0.00	0.00	NEEDS
NY0026255	NY0026255	POUGHKEEPSIE STP	@	8.00	3.30	0.00	NEEDS
NY0026280	NY0026280	NORTH TONAWANDA STP	@	13.00	6.41	0.20	NEEDS
NY0026301	NY0026301	FULTON STP	@	3.30	2.75	1.33	NEEDS
NY0026310	NY0026310	NEWBURGH STP	@	7.00	4.37	1.40	NEEDS
NY0026336	NY0026336	NIAGARA FALLS WWTP	@	48.00	54.60	24.40	NEEDS
NY0026395	NY0026395	TWO MILE CRK.SD STP	@	30.00	13.71	2.69	NEEDS
NY0026450	NY0026441	INWOOD STP	c	2.50	1.49	0.46	NEEDS
NY0026450	NY0026450	BAY PARK WPCP	@	60.00	63.74	7.00	NEEDS
NY0026450	NY0026859	CEDAR CREEK WPCP	c	45.00	50.05	0.00	NEEDS
NY0026514	NY0026514	BATAVIA STP	@	2.50	3.65	0.60	NEEDS
NY0026620	NY0026620	GLEN COVE STP	@	8.00	5.70	1.25	NEEDS
NY0026638	NY0026638	ITHACA AREA WWT	@	0.00	0.00	0.00	NONE
NY0026701	NY0026689	YONKERS JOINT WWTP	c	92.00	72.07	0.00	NEEDS
NY0026701	NY0108324	OSSINING STP	c	0.00	0.00	0.00	NEEDS
NY0026701	NY0026697	NEW ROCHELLE SD STP	c	15.00	16.32	0.00	NEEDS

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NY0026701	NY0026719	BLIND BROOK STP	c	5.00	2.90	0.00	NEEDS
NY0026701	NY0026786	PORT CHESTER SD STP	c	6.00	6.01	0.10	NEEDS
NY0026701	NY0100803	PEEKSKILL STP	c	10.00	4.23	0.10	NEEDS
NY0026701	NY0026701	MAMARONECK SAN. SEW.	@	18.00	12.93	0.08	NEEDS
NY0026875	NY0026867	SOUTH ALBANY STP	c	20.00	19.82	0.18	NEEDS
NY0026875	NY0026875	NORTH ALBANY STP	@	35.00	19.01	6.75	NEEDS
NY0027049	NY0027049	MARSH CREEK STP	@	4.00	3.18	0.65	NEEDS
NY0027057	NY0027057	LOCKPORT WWTP	@	22.00	9.41	3.60	NEEDS
NY0027081	NY0027081	METRO SYRACUSE STP	@	80.50	61.66	21.00	NEEDS
NY0027081	NY0027618	WETZEL ROAD STP	c	3.50	3.15	0.20	NEEDS
NY0027081	NY0027723	MEADOWBROOK LIMS STP	c	7.00	4.30	0.00	NEEDS
NY0027081	NY0030317	OAK ORCHARD STP	c	1.70	3.57	0.00	NEEDS
NY0027162	NY0027162	OLEAN WWTP	@	7.00	4.05	0.60	NEEDS
NY0027561	NY0027561	CORTLAND WWTP	@	10.00	5.98	1.20	NEEDS
NY0027570	NY0027570	JAMESTOWN WWTP	@	8.00	8.01	0.22	NEEDS
NY0027669	NY0027669	ENDICOTT STP	@	7.67	6.41	0.90	NEEDS
NY0027774	NY0027774	NEWFANE STP	@	1.60	0.80	0.10	NEEDS
NY0027961	NY0027961	DUNKIRK STP	@	6.00	6.03	2.40	NEEDS
NY0027979	NY0027979	NIAGARA CO SD#1 STP	@	14.00	4.50	0.68	PASS
NY0028231	NY0028045	GAT.CHI.OGDEN STP	c	15.00	11.96	1.40	NEEDS
NY0028231	NY0028231	N W QUADRANT TP	@	15.00	12.35	1.15	NEEDS
NY0028231	NY0028339	FRANK E VANLARE WWTP	c	100.00	69.05	15.00	NEEDS
NY0028240	NY0028240	SARATOGA CO SD#1 STP	@	13.00	0.79	0.00	NEEDS
NY0028410	NY0028410	BIRD ISLAND STP	@	150.00	156.00	22.00	NEEDS
NY0028533	NY0028533	HAVERSTRAW J.R. STP	@	8.00	4.19	0.20	NEEDS
NY0029050	NY0029050	GLEN FALLS STP	@	13.10	3.80	0.55	NEEDS
NY0029114	NY0029106	WESTSIDE STP	c	4.00	1.42	0.00	NEEDS
NY0029114	NY0029114	EASTSIDE STP	@	3.05	1.71	0.41	NEEDS
NY0029475	NY0029475	NEWARK STP	@	3.00	1.84	0.09	NEEDS
NY0029831	NY0029831	OGDENSBURG WPCP	@	6.50	5.00	0.50	NEEDS
NY0030864	NY0030864	ROME STP	@	9.00	1.50	0.40	NEEDS
NY0031895	NY0031895	ROCKLAND SD #1 STP	@	10.00	14.35	0.25	NEEDS
NY0035742	NY0035742	CHEMUNG CO. REG. WWF	@	1.00	1.00	1.00	NEEDS
NY0035742	NY0036986	CHEMUNG CO SD STP	c	4.80	5.20	1.50	NEEDS
NY0036528	NY0036528	HERKIMER CO WTP	@	6.10	4.36	0.00	NEEDS
NY0087971	NY0087971	RCSD NO.1 STP	@	24.00	18.34	7.40	NEEDS
NY0095401	NY0095401	SOUTHTOWNS STP	@	16.00	5.42	0.10	NEEDS
NY0104809	NY0021750	PORT JEFFERSON STP	c	2.50	2.11	0.00	NEEDS
NY0104809	NY0104809	SOUTHWEST SD #3	@	30.00	13.01	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW (MGD)	ACTUAL FLOW (MGD)	INDUS- TRIAL FLOW (MGD)	SOURCE OF FLOW DATA
OH	OH0025275	FRANKLIN PLANT	@	4.50	3.28	1.10	NEEDS
OH0020109	OH0020109	GENEVA SUB AREA STP	@	2.00	1.05	0.50	NEEDS
OH0020133	OH0020133	WEST CARROLLTON STP	@	1.20	0.95	0.00	NEEDS
OH0020371	OH0020371	ORRVILLE STP	@	1.50	1.52	0.75	NEEDS
OH0020516	OH0020516	MASSILLON STP	@	12.50	10.53	3.50	NEEDS
OH0020532	OH0020532	BRYAN STP	@	3.02	1.90	0.00	NEEDS
OH0020630	OH0020630	MARYSVILLE STP	@	2.30	2.30	1.00	NEEDS
OH0020672	OH0020672	BELLEVUE WWT PLANT	@	1.30	1.20	0.00	NEEDS
OH0020834	OH0020834	JACKSON STP	@	2.41	2.41	0.25	NEEDS
OH0020907	OH0020907	EATON STP	@	1.40	0.97	0.18	NEEDS
OH0021440	OH0021440	HARRISON STP	@	0.85	0.57	0.02	NEEDS
OH0021539	OH0021539	HEBRON STP	@	0.68	0.30	0.00	NEEDS
OH0023221	OH0023221	RAVENNA STP	@	2.80	2.80	0.00	NEEDS
OH0023400	OH0023400	WAUSEON WWTP	@	1.07	0.67	0.20	NEEDS
OH0023531	OH0023531	NEW LEXINGTON STP	@	0.50	0.42	0.00	NEEDS
OH0023833	OH0023833	AKRON WWTP	@	90.00	90.00	20.00	NEEDS
OH0023868	OH0023868	ALLIANCE STP	@	7.50	7.01	0.50	NEEDS
OH0023906	OH0023906	ASHLAND WTF	@	2.50	4.63	0.75	NEEDS
OH0023914	OH0023914	ASHTABULA PLANNING A	@	12.00	4.45	1.00	NEEDS
OH0023981	OH0023981	AVON LAKE WWTP	@	6.50	4.66	1.60	NEEDS
OH0024007	OH0024007	BARBERTON WWTP	@	8.00	5.86	1.70	NEEDS
OH0024058	OH0024058	BEDFORD HEIGHTS WWTP	@	7.50	7.50	0.50	NEEDS
OH0024066	OH0024066	BELLEFONTAINE WWTP	@	2.40	2.82	1.40	NEEDS
OH0024309	OH0024309	CAMBRIDGE STP	@	2.50	1.50	0.40	NEEDS
OH0024350	OH0024350	CANTON WASTEWATER PL	@	33.21	25.55	2.50	NEEDS
OH0024406	OH0024406	CHILLICOTHE STP WEST	@	3.60	3.60	0.39	NEEDS
OH0024465	OH0024465	CIRCLEVILLE STP	@	4.00	1.90	1.00	NEEDS
OH0024643	OH0024643	EASTERLY WWTP	@	155.00	131.09	40.00	NEEDS
OH0024643	OH0024651	SOUTHERLY WWTP	c	200.00	200.00	40.00	NEEDS
OH0024643	OH0024660	WESTERLY WWTP	c	50.00	50.00	17.50	NEEDS
OH0024643	OH0033693	STRONGSVILLE A STP	c	2.50	2.50	0.00	NEEDS
OH0024732	OH0024732	JACKSON PIKE WTP	@	100.00	84.00	9.00	NEEDS
OH0024732	OH0024741	SOUTHERLY WWTP	c	85.54	100.00	9.00	NEEDS
OH0024767	OH0024767	CONNEAUT WTP	@	3.00	1.82	0.00	NEEDS
OH0024775	OH0024775	COSHOCTON STP	@	4.40	2.54	0.45	NEEDS
OH0024881	OH0024881	DAYTON STP	@	72.00	72.00	26.00	NEEDS
OH0024899	OH0024899	DEFIANCE WWTP	@	0.00	0.00	0.00	NONE
OH0024911	OH0024911	DELAWARE STP	@	5.00	5.00	0.50	NEEDS
OH0024929	OH0024929	DELPHOS STP	@	3.85	1.60	0.26	NEEDS
OH0024970	OH0024970	EAST LIVERPOOL STP	@	3.00	1.43	0.00	NEEDS
OH0025003	OH0025003	ELYRIA WWP	@	8.50	7.89	2.00	NEEDS
OH0025135	OH0025135	FINDLAY WWTP	@	11.07	11.07	2.00	NEEDS
OH0025291	OH0025291	FREMONT WPCC	@	11.00	7.00	2.00	NEEDS
OH0025313	OH0025313	GALION WWTP	@	2.00	2.27	0.32	NEEDS
OH0025364	OH0025364	GIRARD STP	@	5.00	3.16	0.20	NEEDS
OH0025381	OH0025381	BEAVER CREEK WWTP	@	2.50	3.70	0.00	NEEDS
OH0025381	OH0040592	SUGAR CREEK STP	c	2.50	3.77	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW (MGD)	ACTUAL FLOW (MGD)	INDUS- TRIAL FLOW (MGD)	SOURCE OF FLOW DATA
OH0025429	OH0025429	GREENVILLE STP	@	3.00	3.00	1.00	NEEDS
OH0025445	OH0025445	HAMILTON WTP	@	24.70	19.10	12.61	PASS
OH0025461	OH0025453	LITTLE MIAMI WWTP	c	38.00	38.00	3.70	NEEDS
OH0025461	OH0025461	MILL CREEK STP	@	120.00	128.10	30.00	NEEDS
OH0025461	OH0025470	MUDDY CREEK STP	c	15.00	8.11	0.25	NEEDS
OH0025461	OH0025488	SYCAMORE CREEK STP	c	5.04	5.00	0.00	NEEDS
OH0025763	OH0025763	HEATH STP	@	2.00	1.34	0.00	NEEDS
OH0025917	OH0025917	KENT STP	@	5.00	2.38	0.50	NEEDS
OH0026018	OH0026018	LAKEWOOD WWTP	@	18.00	18.00	0.59	NEEDS
OH0026026	OH0026026	LANCASTER STP	@	5.00	5.64	1.09	NEEDS
OH0026069	OH0026069	LIMA WWTP	@	18.59	13.40	2.55	NEEDS
OH0026093	OH0026093	BLACK RIVER WTP	@	15.08	13.65	2.10	NEEDS
OH0026328	OH0026328	MANSFIELD WWTP	@	12.50	12.50	2.00	NEEDS
OH0026344	OH0026344	MARIETTA SEWAGE TRT	@	3.25	3.25	1.00	NEEDS
OH0026352	OH0026352	MARION WPCP	@	10.50	10.00	1.60	NEEDS
OH0026522	OH0026522	MIDDLETOWN WWTP	@	23.00	18.50	11.70	NEEDS
OH0026590	OH0026590	EASTERN REGIONAL PLA	@	13.46	13.46	4.00	NEEDS
OH0026590	OH0026638	WESTERN REGIONAL WWT	c	0.00	0.00	0.00	NEEDS
OH0026671	OH0026671	NEWARK STP	@	8.00	8.00	3.30	NEEDS
OH0026689	OH0026689	NEWCOMERSTOWN STP	@	1.25	1.10	0.00	NEEDS
OH0026727	OH0026727	NEW PHILADELPHIA STP	@	3.00	2.15	0.50	NEEDS
OH0026743	OH0026743	NILES STP	@	3.00	4.85	0.00	NEEDS
OH0026778	OH0026778	NORTH OLMSTED WWTP	@	9.00	9.00	0.70	NEEDS
OH0026948	OH0026948	PAINESVILLE WWTP	@	6.00	4.91	0.40	NEEDS
OH0027049	OH0027049	PIQUA STP	@	8.04	3.87	1.02	NEEDS
OH0027332	OH0027332	SANDUSKY WPCF	@	12.50	9.43	5.00	NEEDS
OH0027421	OH0027421	SIDNEY STP	@	4.00	3.21	0.96	NEEDS
OH0027430	OH0027430	OLON CENTRAL WWTP	@	3.61	3.61	1.89	NEEDS
OH0027481	OH0027481	SPRINGFIELD STP	@	25.00	19.93	3.00	NEEDS
OH0027570	OH0027570	STRONGSVILLE B STP	@	2.11	2.11	0.00	NEEDS
OH0027570	OH0033707	STRONGSVILLE C STP	c	1.81	1.81	0.00	NEEDS
OH0027740	OH0027740	BAY VIEW PARK WWTP	@	102.00	85.00	16.80	NEEDS
OH0027758	OH0027758	DYE HILL ROAD STP	@	6.04	4.08	0.80	NEEDS
OH0027863	OH0027863	TWINSBURG STP	@	2.20	1.28	1.00	NEEDS
OH0027880	OH0027880	URBANA STP	@	3.00	3.00	1.00	NEEDS
OH0027910	OH0027910	VAN WERT WWTP	@	2.81	2.75	0.75	NEEDS
OH0027936	OH0027936	WADSWORTH STP	@	3.60	3.14	0.06	NEEDS
OH0027952	OH0027952	WAPAKONETA STP	@	1.20	1.59	0.39	NEEDS
OH0027987	OH0027987	WARREN STP	@	16.00	13.62	4.79	NEEDS
OH0028002	OH0028002	WASHINGTON C.H. STP	@	3.00	1.46	0.00	NEEDS
OH0028118	OH0028118	WILLARD WWTP	@	1.50	1.59	0.57	NEEDS
OH0028126	OH0028126	WILLOUGHBY EASTLAKE	@	10.00	6.88	0.12	NEEDS
OH0028134	OH0028134	WILMINGTON STP	@	3.00	1.78	0.24	NEEDS
OH0028185	OH0028185	WOOSTER STP	@	7.50	4.77	1.01	NEEDS
OH0028223	OH0028223	YOUNGSTOWN WWTP	@	50.00	35.00	3.00	NEEDS
OH0028240	OH0028240	ZANESVILLE STP	@	7.75	7.60	0.00	NEEDS
OH0030503	OH0030503	ROCKY RIVER STP	@	45.00	45.00	5.00	NEEDS

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OH0031062	OH0031062	EUCLID WWTP	@	22.00	22.00	6.00	NEEDS
OH0034223	OH0034223	MAUMEE RIVER WWTP	@	15.09	7.73	0.10	NEEDS
OH0036790	OH0036790	MADISON STP	@	3.00	1.86	0.00	NEEDS
OH0036790	OH0043559	GREATER MENTOR STP	c	14.20	8.40	0.05	NEEDS
OH0037249	OH0037249	BOARDMAN STP	@	5.00	2.75	0.00	NEEDS
OH0037249	OH0045721	MEANDER CREEK STP	c	4.00	2.68	0.00	NEEDS
OH0043401	OH0036285	BROOKFIELD #1&2 STP	c	0.71	0.87	0.00	NEEDS
OH0043401	OH0043401	MOSQUITO CREEK WTP	@	4.20	2.39	0.00	NEEDS
OH0043567	OH0043567	MEDINA CTY. SD #500	@	10.00	6.40	0.00	NEEDS
OH0049387	OH0049361	NINE MILE CREEK STP	c	1.81	1.81	0.00	NEEDS
OH0049387	OH0049379	LOWER EAST FORK STP	c	7.00	5.81	0.00	NEEDS
OH0049387	OH0049387	AMELIA-BATAVIA STP	@	3.62	2.55	0.50	NEEDS
OH0049646	OH0049646	N. REGIONAL PLANT	@	11.27	11.27	1.40	NEEDS
OH0049999	OH0049999	BELMONT CO. SA	@	5.68	3.60	0.00	NEEDS
OH0052744	OH0052744	FOSTORIA STP	@	5.53	2.60	1.32	NEEDS
OH0052914	OH0052914	OREGON, WWTP	@	8.00	8.00	1.00	NEEDS
OH0064009	OH0064009	FISH CREEK STP	@	4.00	1.00	0.00	NEEDS
OH0064009	OH0064017	UPPER TUSCARAWAS STP	c	4.00	2.64	0.00	NEEDS
OH0072087	OH0072087	UPPER MILL CREEK	@	4.00	2.60	0.50	NEEDS

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OK0021628	OK0021628	ENID STP	@	7.50	3.23	0.00	NEEDS
OK0025992	OK0025992	SAPULPA SOUTH	@	1.50	0.59	0.00	NEEDS
OK0025992	OK0026000	SOUTH STP	c	1.50	1.00	0.00	NEEDS
OK0026018	OK0026018	CHICKASHA STP	@	3.00	2.58	0.00	NEEDS
OK0026051	OK0026051	SHAWNEE SOUTH STP	@	3.00	2.00	0.00	NEEDS
OK0026051	OK0037893	NORTHSIDE STP	c	2.00	2.00	0.00	NEEDS
OK0026069	OK0026069	PONCA STP	@	5.80	3.99	0.00	NEEDS
OK0026221	OK0026221	NORTHSIDE STP	@	19.00	7.99	3.30	NEEDS
OK0026221	OK0026239	SOUTHSIDE STP	c	31.50	11.48	0.50	NEEDS
OK0026638	OK0026638	DUNCAN SOUTH PLANT	@	3.75	2.00	0.23	NEEDS
OK0026841	OK0026841	MIDWEST NORTHSIDE PL	@	3.00	5.04	0.30	NEEDS
OK0027057	OK0027057	STILLWATER STP	@	6.00	4.99	0.30	NEEDS
OK0027391	OK0027391	MOORE STP	@	2.27	4.29	0.00	NEEDS
OK0027561	OK0027553	CHISHOLM CREEK STP	c	5.00	5.00	0.00	PASS
OK0027561	OK0027561	DEER CREEK STP	@	10.00	5.99	0.00	NEEDS
OK0027561	OK0030520	CHOCTAW CREEK STP	c	6.50	2.50	0.00	PASS
OK0027561	OK0036978	NORTH CANADIAN STP	c	40.00	39.92	0.00	NEEDS
OK0027561	OK0038385	COW CREEK STP	c	0.19	0.08	0.00	PASS
OK0028134	OK0028134	OKMULGEE STP	@	5.00	1.00	0.12	NEEDS
OK0029131	OK0029131	MUSKOGEE STP	@	8.00	4.99	0.22	NEEDS
OK0029190	OK0029190	NORMAN STP	@	6.00	7.88	0.25	NEEDS
OK0030333	OK0030333	BARTLESVILLE PLANT 1	@	4.00	2.00	0.11	NEEDS
OK0030864	OK0030864	SAND SPRINGS STP	@	2.80	1.29	0.04	NEEDS
OK0030864	OK0037974	ROLLING OAKS STP	c	0.04	0.05	0.00	PASS
OK0031798	OK0031798	MIAMI SOUTHEAST STP	@	1.22	1.32	0.07	NEEDS
OK0031798	OK0031801	MIAMI NORTHEAST STP	c	0.55	0.50	0.00	PASS
OK0035246	OK0035246	LAWTON STP	@	10.00	12.97	0.36	NEEDS
OK0038440	OK0030422	ARDMORE IND PARK	c	0.00	0.00	0.00	NEEDS
OK0038440	OK0038440	ARDMORE CENTRAL	@	0.00	0.00	0.00	NONE

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OR0020001	OR0020001	CITY OF WOODBURN	@	3.10	1.69	0.11	NEEDS
OR0020214	OR0020214	CANBY STP	@	0.85	0.73	0.00	NEEDS
OR0020257	OR0020257	CITY OF NEWBERG	@	2.00	1.00	0.10	PASS
OR0020460	OR0020460	CITY OF LA GRANDE	@	2.00	1.34	0.00	NEEDS
OR0023361	OR0023361	CITY OF NORTH BEND	@	2.00	1.00	0.10	NEEDS
OR0023574	OR0023574	COOS BAY #1	@	2.60	1.61	0.00	NEEDS
OR0023574	OR0023582	COOS BAY #2	c	1.60	0.65	0.00	NEEDS
OR0026131	OR0026131	GRESHAM WWTP	@	10.00	6.90	0.50	NEEDS
OR0026140	OR0026140	OAK LODGE S.D. TP	@	4.00	2.67	0.10	NEEDS
OR0026191	OR0026191	CITY OF MCMINNVILLE	@	4.00	2.47	0.34	NEEDS
OR0026221	OR0026221	KELLOG CREEK WPCP	@	10.00	5.72	0.60	NEEDS
OR0026263	OR0026263	VERNON THORPE WQCP	@	15.00	10.00	1.50	NEEDS
OR0026301	OR0026301	K-FALLS SPRINGS ST	@	6.00	2.89	0.00	NEEDS
OR0026301	OR0026310		c	0.00	0.00	0.00	NEEDS
OR0026361	OR0026361	CORVALLIS STP	@	9.70	5.21	0.16	NEEDS
OR0026409	OR0026409	WILLOW LAKE STP	@	35.00	29.93	7.12	NEEDS
OR0026891	OR0026891	TRYON CREEK WWTP	@	8.30	6.04	0.00	NEEDS
OR0026891	OR0026905	COLUMBIA BLVD WWTP	c	100.00	62.80	16.70	NEEDS
OR0028118	OR0020125		c	0.14	0.09	0.00	NEEDS
OR0028118	OR0020150		c	0.06	0.03	0.00	NEEDS
OR0028118	OR0020168	FOREST GROVE STP	c	2.25	2.66	0.17	NEEDS
OR0028118	OR0023345	HILLSBORO STP	c	3.74	1.52	0.20	NEEDS
OR0028118	OR0028118	DURHAM REGIONAL STP	@	20.00	14.95	0.05	NEEDS
OR0028118	OR0029777	ROCK CREEK STP	c	15.00	13.07	0.05	NEEDS
OR0028801	OR0028801	ALBANY STP	@	8.70	4.18	4.00	NEEDS
OR0031224	OR0031224	EUGENE/SPRING. WPCF	@	49.00	22.49	1.00	NEEDS
OR0031259	OR0031259	TRI-CITY WPCP	@	8.40	3.77	0.18	NEEDS
OR0031356	OR0031356	CITY OF ROSEBURG	@	7.90	3.33	0.00	NEEDS

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PA0020125	PA0020125	MONACA STP	@	1.15	0.71	0.00	NEEDS
PA0020273	PA0020273	MILTON STP	@	2.60	1.50	0.02	NEEDS
PA0020290	PA0020290	QUAKERTOWN MTP	@	2.50	2.20	0.10	NEEDS
PA0020346	PA0020346	PUNXSUTAWNEY STP	@	1.10	0.88	0.15	NEEDS
PA0020486	PA0020486	BELLEFONTE STP	@	2.40	1.76	0.00	NEEDS
PA0020583	PA0020583	MIDDLEBURG STP	@	0.20	0.20	0.01	NEEDS
PA0021075	PA0021075	MYERSTOWN STP	@	1.40	0.45	0.14	NEEDS
PA0021172	PA0021172	HARVEY AVE WTP	@	0.90	0.58	0.05	NEEDS
PA0021172	PA0021181	GREEN ST WTP	c	0.69	0.36	0.04	NEEDS
PA0021580	PA0021580	CATASAUQUA BORO. STP	@	1.77	1.10	0.29	NEEDS
PA0021601	PA0021601	HAMBURG MUN AUTH SS	@	1.00	0.41	0.17	NEEDS
PA0021636	PA0021636	FLEETWOOD WWTP	@	0.50	0.24	0.03	NEEDS
PA0021865	PA0021865	ADAMSTOWN BORO. WWTP	@	0.30	0.28	0.20	NEEDS
PA0023248	PA0023248	BERWICK STP	@	3.66	2.10	0.19	NEEDS
PA0023531	PA0023531	DANVILLE STP	@	3.22	2.68	0.61	NEEDS
PA0024180	PA0023540	MORYSVILLE STP	c	0.25	0.20	0.00	NEEDS
PA0024180	PA0024180	WEST SWAMP CREEK STP	@	1.50	1.15	0.01	NEEDS
PA0024708	PA0024708	UNION TWP STP	@	0.30	0.21	0.07	NEEDS
PA0024759	PA0024759	CURWENSVILLE STP	@	0.75	0.21	0.00	NEEDS
PA0025917	PA0025917	CHALFONT WWTP	@	2.00	2.50	0.15	NEEDS
PA0025933	PA0025933	LOCK HAVEN STP	@	3.75	2.47	0.10	NEEDS
PA0025976	PA0025976	UPPER MORELAND-HATBO	@	6.60	5.33	0.50	NEEDS
PA0025984	PA0025984	ALCOSAN WWTP	@	200.00	164.00	13.69	NEEDS
PA0026000	PA0026000	ALLENTOWN WWTP	@	40.00	33.08	12.00	NEEDS
PA0026018	PA0026018	TAYLOR RUN STP	@	1.50	1.16	0.00	NEEDS
PA0026018	PA0027031	GOOSE CREEK STP	c	1.18	1.32	0.50	NEEDS
PA0026034	PA0026034	JOHNSTOWN STP	@	12.00	9.00	0.00	NEEDS
PA0026042	PA0026042	BETHLEHEM WWTP	@	15.50	12.30	0.80	NEEDS
PA0026051	PA0026051	CHAMBERSBURG WTP	@	5.20	3.00	0.41	NEEDS
PA0026069	PA0026069	LATROBE STP	@	5.00	2.00	1.36	NEEDS
PA0026077	PA0026077	CARLISLE STP	@	6.00	2.00	0.73	NEEDS
PA0026085	PA0026085	MATSUNK WATER PCC	@	2.50	1.72	0.50	NEEDS
PA0026085	PA0026131	TROUT RUN WATER POLL	c	5.00	5.45	0.75	NEEDS
PA0026107	PA0026107	WYOMING VALLEY STP	@	40.00	21.00	0.82	NEEDS
PA0026123	PA0026123	COLUMBIA BOROUGH STP	@	2.00	1.29	0.30	NEEDS
PA0026166	PA0026166	WARMINSTER STP	@	4.58	4.64	0.30	NEEDS
PA0026191	PA0026191	HUNTINGDON WSA	@	2.50	1.69	0.13	NEEDS
PA0026212	PA0026212	WASH. E. WASH. STP	@	6.20	4.00	0.00	NEEDS
PA0026247	PA0026247	HATFIELD TWP STP	@	6.43	3.42	0.11	NEEDS
PA0026263	PA0026263	YORK WPCP	@	26.00	18.00	6.50	NEEDS
PA0026301	PA0026301	ERIE CITY STP	@	68.59	47.90	21.40	NEEDS
PA0026361	PA0026361	LOWER LACKAWANNA STP	@	6.00	2.30	0.29	NEEDS
PA0026379	PA0026379	BRADFORD STP	@	5.00	4.08	0.19	NEEDS
PA0026387	PA0026387	ST. MARY'S STP	@	2.00	1.79	0.02	NEEDS
PA0026450	PA0026450	BRISTOL TWP STP	@	2.25	2.39	0.23	NEEDS
PA0026484	PA0026484	DERRY TOWNSHIP WPC	@	5.00	2.30	0.50	NEEDS
PA0026492	PA0026492	SCRANTON SEWER AUTHO	@	28.00	14.00	1.50	NEEDS

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PA0026549	PA0026549	FRITZ ISLAND WWTP	@	19.00	16.94	4.00	NEEDS
PA0026557	PA0026557	SUNBURY STP	@	3.50	2.17	0.27	NEEDS
PA0026603	PA0026603	AMBLER NORTH & SOUTH	@	6.50	4.00	0.50	NEEDS
PA0026662	PA0026662	SOUTHEAST WPC PLANT	@	120.00	116.00	20.00	NEEDS
PA0026662	PA0026671	SOUTHWEST WPC	c	140.00	212.60	15.00	NEEDS
PA0026662	PA0026689	NORTHEAST WPC PLANT	c	175.00	182.30	30.00	NEEDS
PA0026697	PA0026697	BUTLER AREA STP	@	10.00	8.41	0.00	NEEDS
PA0026727	PA0026727	TYRONE REGIONAL STP	@	4.87	4.87	3.00	NEEDS
PA0026743	PA0026743	LANCASTER SOUTH WPCC	@	31.00	9.00	1.50	NEEDS
PA0026751	PA0026751	INDIANA STP	@	6.00	3.95	0.00	NEEDS
PA0026786	PA0026786	POTTSTOWN BORO. STP	@	4.14	7.50	1.00	NEEDS
PA0026794	PA0026794	CONSHOHOCKEN WWTP	@	1.36	0.92	0.17	NEEDS
PA0026808	PA0026808	SPRINGETTSBURGY TWP	@	12.34	7.00	1.00	NEEDS
PA0026816	PA0026816	E.NORRISTON-PLYMOUTH	@	81.00	7.07	1.20	NEEDS
PA0026875	PA0026875	HANOVER STP	@	3.15	2.54	0.12	NEEDS
PA0026913	PA0026913	MCKEESPORT STP	@	11.50	7.50	1.00	NEEDS
PA0026921	PA0026921	HAZELTON SEWAGE TP	@	5.79	5.99	0.60	NEEDS
PA0027014	PA0027014	ALTOONA EASTERLY STW	@	5.50	5.30	1.20	NEEDS
PA0027014	PA0027022	ALTOONA WESTERLY STW	c	6.50	6.40	2.60	NEEDS
PA0027049	PA0027049	WEST STP	@	4.50	2.22	0.00	NEEDS
PA0027049	PA0027057	CENTRAL STP	c	10.50	7.48	0.00	NEEDS
PA0027065	PA0027065	ARCHIBALD WWTP	@	3.00	2.00	0.00	NEEDS
PA0027065	PA0027073	MOOSIC WWTP	c	1.00	0.45	0.00	NEEDS
PA0027065	PA0027081	CLINTON STP	c	0.69	0.30	0.00	NEEDS
PA0027065	PA0027090	THROOP STP	c	7.00	3.99	0.39	NEEDS
PA0027103	PA0027103	DELCORA CHESTER STP	@	46.38	38.56	26.76	NEEDS
PA0027111	PA0027111	NEW KENSINGTON STP	@	6.00	2.50	0.00	NEEDS
PA0027189	PA0027189	LOWER ALLEN	@	5.98	2.77	0.17	NEEDS
PA0027197	PA0027197	HARRISBURG STP	@	30.90	24.00	1.00	NEEDS
PA0027235	PA0027235	EASTON STP	@	10.00	5.83	1.00	NEEDS
PA0027316	PA0027316	LEBANON WWTP	@	6.60	3.85	0.50	NEEDS
PA0027421	PA0027421	NORRISTOWN BORO. STP	@	9.75	6.28	0.50	NEEDS
PA0027511	PA0027511	NEW CASTLE WPCP	@	9.00	8.52	0.50	NEEDS
PA0027626	PA0027626	KISKI VALLEY WPCA	@	7.00	3.00	0.00	NEEDS
PA0028681	PA0028681	KELLY TWP STP	@	2.75	1.95	0.31	NEEDS
PA0031062	PA0031062	ROBESONIA-WERNERVILL	@	0.60	0.72	0.03	NEEDS
PA0032557	PA0032557	LOGAN TWP STP	@	0.60	0.44	0.00	NEEDS
PA0036650	PA0036650	TITUSVILLE STP	@	2.50	1.50	0.25	NEEDS
PA0037150	PA0037150	PENN TOWNSHIP STP	@	4.20	1.50	0.86	NEEDS
PA0039004	PA0039004	UPP GWYN-TOW STP	@	2.17	2.55	0.75	NEEDS
PA0042269	PA0042269	LANCASTER AREA SAWPC	@	11.39	4.00	0.00	NEEDS
PA0043681	PA0043681	ATHENS-SAYRE STP	@	1.60	0.78	0.09	NEEDS
PA0043877	PA0043877	POTTSVILLE WEST END	@	0.50	0.41	0.00	NEEDS
PA0043877	PA0043885	POTTSVILLE MAIN STP	c	4.50	3.00	0.50	NEEDS
PA0043974	PA0043974	VALLEY FORGE STP	@	8.00	4.86	0.00	NEEDS
PA0046868	PA0046868	CHAPEL HILL STP	@	0.12	0.12	0.00	NEEDS
PA0070271	PA0070271	MAIDENCREEK TWP	@	0.45	0.38	0.15	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
PR0023728	PR0020559	PRASA JUANA DIAZ	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020567	PRASA JUNCOS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020605	PRASA LARES	c	0.36	0.26	0.00	NEEDS
PR0023728	PR0020273	PRASA AGUAS BUENAS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020419	PRASA CIEBA	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020591	PRASA LAS PIEDRAS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020435	PRASA CIDRA	c	0.30	0.54	0.04	NEEDS
PR0023728	PR0020575	PRASA LAJAS	c	0.12	0.22	0.00	NEEDS
PR0023728	PR0020451	PRASA COROZAL	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020648	PRASA MARICAO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020486	PRASA GUANICA	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020711	PRASA MOROVIS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020541	PRASA JAYUYA	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020729	PRASA NAGUABO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0025631	PRASA BARRANQUITAS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0021695	PRASA BRISAS DEL MAR	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020737	PRASA NARANJITO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0023884	PRASA GUAYANILLA	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020508	PRASA GURABO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0021717	PRASA YABUCOA	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020427	PRASA CIALES	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0025186	PRASA VEGA ALTA	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020745	PRASA OROCOVIS	c	0.55	0.26	0.01	NEEDS
PR0023728	PR0022250	PRASA ISABELLA	c	1.00	1.12	0.00	NEEDS
PR0023728	PR0020761	PRASA PENUELAS	c	0.30	0.36	0.00	NEEDS
PR0023728	PR0025356	PRASA CAYEY RWWTP	c	0.72	1.51	0.00	NEEDS
PR0023728	PR0020826	PRASA SALINAS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0023728	PRASA BAYAMON	@	25.00	36.54	1.10	NEEDS
PR0023728	PR0025445	PRASA GUAYAMA RWWTP	c	1.45	1.59	0.11	NEEDS
PR0023728	PR0025364	PRASA MAUNABO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020915	PRASA UTUADO	c	0.71	0.98	0.02	NEEDS
PR0023728	PR0023744	PRASA CAMUY	c	0.38	0.71	0.00	NEEDS
PR0023728	PR0021237	PRASA BARCELONETA	c	12.00	8.31	6.30	NEEDS
PR0023728	PR0025399	PRASA HUMACAO WWTP	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0021555	PRASA PUERTO NUEVO	c	72.00	49.18	4.00	NEEDS
PR0023728	PR0023761	PRASA SANTA ISABEL	c	1.00	0.52	0.10	NEEDS
PR0023728	PR0021661	PRASA YAUCO STP	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020869	PRASA TOA ALTA	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020443	PRASA COMERIO	c	0.23	0.54	0.04	NEEDS
PR0023728	PR0022098	PRASA ARROYO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020460	PRASA DORADO	c	3.67	4.39	0.30	NEEDS
PR0023728	PR0023736	PRASA AGUADILLA	c	8.00	1.41	0.00	NEEDS
PR0023728	PR0020818	PRASA SAN GERMAN	c	1.00	1.20	0.27	NEEDS
PR0023728	PR0023752	PRASA CAROLINA REG.	c	14.50	24.10	0.00	NEEDS
PR0023728	PR0025453	PRASA VIEQUES WWTP	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0023795	PRASA MAYAGUEZ RWWTP	c	6.30	3.35	0.20	NEEDS
PR0023728	PR0025542	PRASA SABANA GRANDE	c	0.36	0.52	0.08	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
PR0023728	PR0023710	PRASA ARECIBO	c	10.00	4.20	0.00	NEEDS
PR0023728	PR0020290	PRASA ANASCO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020940	PRASA VILLALBA	c	0.11	0.29	0.00	NEEDS
PR0023728	PR0020753	PRASA PATILLAS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0025461	PRASA AIBONITO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0025551	PRASA SAN SEBASTIAN	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020214	PRASA ADJUNTAS	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0020834	PRASA SAN LORENZO	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0021521	PRASA COAMO	c	1.22	1.09	0.18	NEEDS
PR0023728	PR0021563	PRASA PONCE	c	12.00	12.24	2.60	NEEDS
PR0023728	PR0021679	PRASA VEGA BAJA STP	c	0.00	0.00	0.00	NEEDS
PR0023728	PR0021709	PRASA FAJARDO STP	c	3.00	2.86	0.00	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
RI0100005	RI0100005	BRISTOL WWT	@	3.00	3.26	0.58	NEEDS
RI0100013	RI0100013	CRANSTON WPCF	@	11.40	10.87	1.60	NEEDS
RI0100030	RI0100030	EAST GREENWICH WWTF	@	0.51	0.88	0.00	NEEDS
RI0100048	RI0100048	PONHAM TERRACE WWTF	@	10.40	7.85	0.90	NEEDS
RI0100064	RI0100064	WESTERLY WWTF	@	3.30	2.17	0.00	NEEDS
RI0100072	RI0100072	BUCKLIN PT STP	@	31.00	23.03	9.00	NEEDS
RI0100111	RI0100111	WOONSOCKET WWTP	@	16.00	10.42	4.00	NEEDS
RI0100153	RI0100153	WEST WARWICK WPCF	@	5.00	4.87	0.53	NEEDS
RI0100234	RI0100234	WARWICK WWTF	@	5.00	3.22	0.50	NEEDS
RI0100293	RI0100293	NEWPORT WPCP	@	7.60	8.75	0.00	NEEDS
RI0100315	RI0100315	FIELDS POINT WWTF	@	64.00	59.02	25.00	NEEDS
RI0100374	RI0100374	SOUTH KINGSTOWN WWTF	@	4.13	2.63	0.00	NEEDS
RI0100404	RI0100404	QUONSET POINT WWTF	@	2.30	0.80	0.64	PASS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS-TRIAL FLOW, (MGD)	DATA SOURCE
SC	SC	NO PERMIT(LAND APPL)	@	0.00	0.00	0.00	NONE
SC0020125	SC0020125	W. JACKSON CK. PLANT	@	1.60	0.50	0.18	NEEDS
SC0020214	SC0020214	DAIRY STREET PLANT	@	5.00	1.25	0.97	NEEDS
SC0020249	SC0020249	CHERAW WWTP	@	4.00	1.95	0.62	NEEDS
SC0020257	SC0020257	SOUTH MAIN ST. PLANT	@	2.83	2.00	0.00	NEEDS
SC0020427	SC0035351	COMPARK PLANT	c	0.00	0.00	0.00	NEEDS
SC0020427	SC0020427	LAWSON FORK WWTP	@	6.00	4.20	1.45	NEEDS
SC0020427	SC0020435	FAIRFOREST WWTP	c	8.00	5.50	1.70	NEEDS
SC0020443	SC0020443	MANCHESTER CRK PLANT	@	13.60	6.90	6.50	NEEDS
SC0020681	SC0020681	CORNER CREEK LAGOON	@	0.50	0.61	0.00	NEEDS
SC0020681	SC0020672	CHIUOLA MILL LAG.	c	0.42	0.30	0.00	NEEDS
SC0020702	SC0020702	LAURENS WWTP	@	2.23	1.00	0.32	NEEDS
SC0020737	SC0020737	DILDINE CREEK PLANT	@	0.70	0.41	0.01	NEEDS
SC0020745	SC0020745	DUCWORTH PLANT	@	0.79	0.23	0.08	NEEDS
SC0020761	SC0020761	MAPLE CREEK WWTP	@	1.75	0.87	0.33	NEEDS
SC0020940	SC0020940	METROPOLITAN WWTP	@	40.00	28.41	1.00	NEEDS
SC0021199	SC0021199	MENG CREEK PLANT	@	1.00	0.29	0.00	NEEDS
SC0021199	SC0021172	TOSCHS CREEK PLANT	c	6.00	2.00	1.40	NEEDS
SC0021300	SC0021300	LYMAN WWTP	@	10.00	3.90	2.30	NEEDS
SC0021539	SC0021539	SOUTHEAST OX POND	@	0.60	0.42	0.02	NEEDS
SC0021580	SC0021580	HARTSVILLE WWTP	@	2.50	1.20	0.00	NEEDS
SC0021601	SC0021601	INMAN STP	@	0.48	0.27	0.01	NEEDS
SC0021661	SC0021661	TOWN CREEK LAGOON	@	0.60	0.36	0.29	NEEDS
SC0021709	SC0021709	WILSON CREEK STP	@	7.30	4.50	1.49	NEEDS
SC0021709	SC0022870	W. ALEXANDER PLANT	c	2.20	1.16	0.29	NEEDS
SC0022080	SC0022080	LANCASTER STP	@	4.06	2.02	0.92	NEEDS
SC0022110	SC0022110	PACOLET RIVER PLANT	@	0.54	0.22	0.10	NEEDS
SC0022128	SC0022128	FLORENCE MAIN PLANT	@	9.60	5.62	0.58	NEEDS
SC0022381	SC0022381	SALUDA WWTP	@	0.47	0.32	0.08	NEEDS
SC0022390	SC0022390	WHITEMIRE WWTP	@	0.60	0.28	0.00	NEEDS
SC0023752	SC0023752	GENEROSTEE CRK WWTP	@	3.50	2.60	0.67	NEEDS
SC0023752	SC0023744	ROCKY RIVER PLANT	c	3.50	2.65	0.00	NEEDS
SC0024287	SC0023922	TRAVELERS REST A	c	0.60	0.44	0.11	NEEDS
SC0024287	SC0024317	GROVE CREEK PLANT	c	2.00	0.58	0.04	NEEDS
SC0024287	SC0026883	MARIETTA PLANT	c	0.41	0.31	0.09	NEEDS
SC0024287	SC0024261	LOWER REEDY R. PLANT	c	5.00	3.35	1.20	NEEDS
SC0024287	SC0024287	MAULDIN RD PLANT	@	27.00	20.00	5.84	NEEDS
SC0024287	SC0024309	TAYLORS PLANT	c	7.50	2.64	0.98	NEEDS
SC0024287	SC0040002	DURBAN CREEK	c	3.30	1.50	0.00	NEEDS
SC0024287	SC0040525	GILDER CREEK	c	0.00	0.00	0.00	NEEDS
SC0024287	SC0033804	WADE HAMPTON PLANT	c	5.00	4.04	0.39	NEEDS
SC0024287	SC0037451	PARKER PLANT	c	0.20	0.15	0.00	NEEDS
SC0024287	SC0037460	LAKESIDE PLANT	c	0.70	0.38	0.00	NEEDS
SC0024457	SC0024457	HORSE CREEK WWTP	@	20.00	10.00	0.00	NEEDS
SC0024465	SC0024465	BATESBURG STP	@	1.30	0.71	0.20	NEEDS
SC0024481	SC0024481	ORANGEBURG STP	@	6.00	2.60	0.49	NEEDS
SC0024490	SC0024490	BUSH RIVER PLANT	@	3.22	1.70	0.00	NEEDS

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SC0024783	SC0024783	FELIX C. DAVIS WWTP	@	18.00	14.25	3.00	NEEDS
SC0025135	SC0025135	ANDREWS WWTP	@	2.00	1.05	0.57	NEEDS
SC0025178	SC0025178	BENNETTSVILLE STP	@	3.00	1.37	0.41	NEEDS
SC0025330	SC0025330	BROOKE AVENUE PLANT	@	0.72	0.15	0.00	NEEDS
SC0025798	SC0025798	KERSHAW WWTP	@	0.25	0.36	0.08	NEEDS
SC0025933	SC0025933	EAST PLANT	@	3.00	1.55	0.94	NEEDS
SC0025976	SC0025976	BIG CREEK EAST PLANT	@	1.00	0.80	0.00	NEEDS
SC0026042	SC0026042	CANOE CREEK	@	0.34	0.13	0.00	NEEDS
SC0026166	SC0026166	CRAMER LAGOON	@	0.09	0.06	0.01	NEEDS
SC0026417	SC0026417	BLACKVILLE STP	@	0.33	0.20	0.10	NEEDS
SC0027707	SC0027707	POCOTALIGO R. WWTP	@	12.00	7.00	2.33	NEEDS
SC0031551	SC0031551	CLARY WWTP	@	3.60	2.20	0.44	NEEDS
SC0031551	SC0020478	PEOPLES CREEK	c	3.20	1.50	0.79	NEEDS
SC0031551	SC0020508	PROVIDENCE CREEK	c	1.35	0.69	0.01	NEEDS
SC0033553	SC0033553	CONCROSS CREEK	@	5.00	2.50	0.00	NEEDS
SC0035378	SC0035378	BISHOPVILLE STP	@	1.25	1.00	0.32	NEEDS
SC0035700	SC0035700	REGIONAL SWR	@	1.30	0.56	0.00	NEEDS
SC0035971	SC0035971	NEW PLANT	@	2.15	1.50	0.00	NEEDS
SC0036081	SC0036081	SANDY RIVER PLANT	@	2.13	0.95	0.00	NEEDS
SC0036081	SC0036056	ROCKY CREEK PLANT	c	1.36	0.25	0.00	NEEDS
SC0038156	SC0038156	FISHING CREEK PLANT	@	1.53	0.90	0.33	NEEDS
SC0039624	SC0039624	BLACK CREEK PLANT	@	1.60	0.96	0.12	NEEDS
SC0039853	SC0023035	GOLDEN CREEK PLANT	c	0.00	0.00	0.00	NEEDS
SC0039853	SC0039853	MIDDLE BRANCH PLANT	@	2.48	1.35	0.00	NEEDS
SC0039918	SC0039918	ALLENDALE WWTP	@	1.32	0.92	0.09	NEEDS
SC0040215	SC0040215	DENMARK TOWN LAGOON	@	0.00	0.00	0.00	NONE
SC0040614	SC0040614	LONG CANE CREEK	@	1.70	0.40	0.18	NEEDS
SC0040789	SC0040789	TWO NOTCH ROAD PLANT	@	0.00	0.00	0.00	NONE
SC0040860	SC0040860	NEWBERRY CO. PLANT 1	@	0.50	0.23	0.19	PASS
SCU063016	SCU063016	WILLISTON	@	0.00	0.00	0.00	NONE
SCU963401	SCU963401	SUMMERTON WWTP-NONDI	@	0.00	0.00	0.00	NONE

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SD0022128	SD0022128	SIOUX FALLS WWT FACI	@	10.00	11.79	5.16	NEEDS
SD0023574	SD0023574	RAPID CITY WWT FACIL	@	10.00	8.42	0.30	NEEDS

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TN0020079	TN0020079	MARYVILLE REG. STP	@	7.50	5.70	1.08	NEEDS
TN0020095	TN0020095	WASTE WATER TREAT PL	@	12.40	7.41	0.70	NEEDS
TN0020141	TN0020141	GALLATIN STP	@	2.00	1.72	0.35	NEEDS
TN0020478	TN0020478	DAYTON WWTP	@	2.69	1.45	0.50	NEEDS
TN0020516	TN0020516	RED BANK STP	@	1.50	1.26	0.00	NEEDS
TN0020532	TN0020532	LAFOLLETTE STP	@	0.70	0.79	0.08	NEEDS
TN0020541	TN0020541	SMYRNA STP	@	2.10	0.35	0.01	NEEDS
TN0020575	TN0020575	CENTRAL WWTP	@	98.00	71.69	8.90	NEEDS
TN0020575	TN0020648	DRY CREEK WWTP	c	16.05	4.75	1.50	NEEDS
TN0020575	TN0024970	WHITES CREEK STP	c	25.00	9.86	0.00	NEEDS
TN0020613	TN0020613	MCKENZIE STP	@	0.50	0.75	0.02	NEEDS
TN0020656	TN0020656	CLARKSVILLE STP	@	3.50	4.05	1.00	NEEDS
TN0020672	TN0020672	ROGERSVILLE WWTP	@	1.00	0.71	0.04	NEEDS
TN0020702	TN0020702	NEWPORT WWTP	@	4.31	2.32	1.20	NEEDS
TN0020729	TN0020711	MAYNARD STILES STP	c	0.00	0.00	0.00	NEEDS
TN0020729	TN0020729	T.E. MAXON STP-SOUTH	@	80.00	56.85	3.01	NEEDS
TN0020800	TN0020800	MOUNT PLEASANT STP	@	0.71	4.57	0.03	NEEDS
TN0020982	TN0020982	CREEK STP, TOWN	@	1.91	1.93	0.81	NEEDS
TN0021016	TN0021008	PINEY RIVER STP	c	0.65	0.67	0.30	NEEDS
TN0021016	TN0021016	JONES CREEK STP	@	2.23	0.94	0.11	NEEDS
TN0021067	TN0021067	MILLINGTON WWTP	@	5.50	0.94	0.00	NEEDS
TN0021229	TN0021229	GREENEVILLE STP	@	7.00	3.13	0.30	NEEDS
TN0021261	TN0021261	SPRING CITY STP	@	0.44	0.33	0.00	NEEDS
TN0021342	TN0021342	ARLINGTON LAG. #2	@	0.73	0.15	0.00	NEEDS
TN0021580	TN0021580	UNION CITY STP	@	2.00	1.92	0.60	NEEDS
TN0021601	TN0021601	SMITHVILLE STP	@	0.75	1.09	0.14	NEEDS
TN0021687	TN0021687	PULASKI STP	@	1.00	1.78	0.70	NEEDS
TN0021814	TN0021814	FAYETTEVILLE STP	@	2.00	1.76	0.40	NEEDS
TN0021865	TN0021865	PORTLAND STP	@	1.20	0.51	0.16	NEEDS
TN0022551	TN0022551	LAWRENCEBURG WWTP	@	1.37	1.72	0.20	NEEDS
TN0022586	TN0022586	SINKING CREEK STP	@	8.00	2.83	1.14	NEEDS
TN0022888	TN0022888	LEWISBURG STP	@	1.64	1.63	0.51	NEEDS
TN0023001	TN0023001	ERWIN STP	@	1.30	2.03	0.04	NEEDS
TN0023469	TN0023469	TULLAHOMA WWTP	@	3.00	2.39	0.32	NEEDS
TN0023477	TN0023477	DYERSBURG SEWAGE SYS	@	4.80	3.39	1.44	NEEDS
TN0023507	TN0023507	MORRISTOWN WTP	@	8.00	2.83	0.79	NEEDS
TN0023515	TN0023515	ELIZABETHTON WWTP	@	3.50	1.64	0.26	NEEDS
TN0023531	TN0023531	GALLOWAY MILL PLT	@	10.00	7.19	1.20	NEEDS
TN0023582	TN0021822	LOVES CREEK STP	c	3.00	2.11	0.00	NEEDS
TN0023582	TN0023574	FOURTH CREEK WWTP	c	5.00	7.70	1.08	NEEDS
TN0023582	TN0023582	KUWAHEE STP	@	40.00	30.95	8.04	NEEDS
TN0023582	TN0026646	FORKS OF THE RIVER	c	1.00	0.16	0.09	NEEDS
TN0023591	TN0023591	MCMINNVILLE STP	@	2.00	1.49	0.37	NEEDS
TN0024121	TN0024121	CLEVELAND WWTP	@	12.60	4.92	1.11	NEEDS
TN0024155	TN0024155	OAK RIDGE WEST STP	@	4.66	5.95	0.67	NEEDS
TN0024180	TN0024180	SHELBYVILLE WWTP	@	4.90	1.79	0.10	NEEDS
TN0024198	TN0024198	COOKEVILLE STP	@	6.00	4.46	0.56	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
TN0024201	TN0024201	OOSTANAULA WWTP	@	3.30	2.18	0.37	NEEDS
TN0024210	TN0024210	MOCCASIN BEND WWTP	@	42.00	45.21	25.40	NEEDS
TN0024244	TN0024236	KNOB CREEK STP	c	1.50	1.24	0.07	NEEDS
TN0024244	TN0024244	BRUSH CREEK WWTP	@	7.35	6.69	0.87	NEEDS
TN0024244	TN0028789	REGIONAL STP	c	1.50	0.39	0.00	NEEDS
TN0024295	TN0024295	S. PITTSBURG STP	@	1.07	0.56	0.25	NEEDS
TN0024341	TN0024341	LEXINGTON E LAGOON	@	0.32	0.46	0.00	NEEDS
TN0024350	TN0024350	SEVIERVILLE WWTP	@	1.55	1.34	0.29	NEEDS
TN0024813	TN0024813	MILLAR DRIVE STP	@	7.00	9.47	1.45	NEEDS
TN0024813	TN0028541	MOIZE CREEK STP	c	0.30	0.22	0.00	NEEDS
TN0024813	TN0054658	MADISON WEST WWTP	c	0.00	0.00	0.00	NEEDS
TN0024961	TN0024961	SPRINGFIELD STP	@	1.23	1.52	0.49	NEEDS
TN0024996	TN0024996	CROSSVILLE STP	@	2.30	0.98	0.12	NEEDS
TN0025038	TN0025038	MANCHESTER STP	@	1.00	0.88	0.00	NEEDS
TN0025054	TN0025054	PIKEVILLE STP	@	0.34	0.10	0.02	NEEDS
TN0025101	TN0025101		@	0.15	0.28	0.02	NEEDS
TN0025267	TN0025267	ERIN STP	@	0.25	0.11	0.00	NEEDS
TN0025364	TN0025364	RIPLEY STP	@	0.72	0.62	0.00	NEEDS
TN0025372	TN0025372	MORRISON STP	@	0.75	0.07	0.00	NEEDS
TN0025411	TN0025411	ADAMSVILLE LAGOON	@	0.26	0.37	0.00	NEEDS
TN0025437	TN0025437	HARRIMAN STP	@	3.40	1.13	0.00	NEEDS
TN0025470	TN0025470	NIOTA TP	@	0.37	0.14	0.10	NEEDS
TN0025488	TN0025488	WATERTOWN STP	@	0.17	0.13	0.02	NEEDS
TN0026034	TN0026026	EAST LAGOON	c	0.16	0.16	0.00	NEEDS
TN0026034	TN0026034	IND PARK LAGOON-INAC	@	0.00	0.00	0.00	NEEDS
TN0026034	TN0064220	NORTH LAGOON	c	0.12	0.03	0.00	NEEDS
TN0026034	TN0064238	SOUTH LAGOON	c	0.24	0.17	0.02	NEEDS
TN0026174	TN0026174	BARNETT ST. LAGOON	@	0.11	0.10	0.00	NEEDS
TN0026247	TN0026247	BELLS LAGOON	@	0.27	0.27	0.00	NEEDS
TN0026263	TN0026263	CARYVILLE-JACKSBORO	@	0.40	0.18	0.00	NEEDS
TN0028754	TN0028754	LEBANON WWTP	@	2.00	3.11	0.47	NEEDS
TN0028827	TN0028827	FRANKLIN STP	@	2.50	2.13	0.40	NEEDS
TN0030899	TN0030899	NEW HARTSVILLE STP	@	1.00	0.29	0.03	NEEDS
TN0054585	TN0054585	JASPER STP	@	0.78	0.17	0.04	NEEDS
TN0056103	TN0056103	COLUMBIA WWTP	@	7.00	0.19	0.00	NEEDS
TN0057461	TN0057461	COLLIERVILLE STP	@	1.50	0.40	0.14	NEEDS
TN0058181	TN0058181	LOUDON STP	@	1.00	0.63	0.24	NEEDS
TN0061271	TN0061271	PARIS STP	@	2.54	2.50	0.00	NEEDS
TN0062022	TN0062022	BRADFORD STP	@	0.15	0.18	0.00	NEEDS
TN0062286	TN0062286	DRESDEN MAIN LAGOON	@	0.00	0.00	0.00	NONE
TN0062367	TN0062367	BROWNSVILLE STP	@	0.00	0.00	0.00	NONE
TN0062375	TN0062375	MILAN STP	@	2.55	1.07	0.34	NEEDS
TN0062545	TN0062545	MARTIN STP	@	1.00	1.22	0.17	NEEDS
TN0062588	TN0062588	HUMBOLDT WTP	@	2.00	1.40	0.49	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
TX0005380	TX0003522	AMERICAN FACILITY	c	0.00	0.00	0.00	NEEDS
TX0005380	TX0005380	BAYPORT	@	0.00	0.00	0.00	NONE
TX0005380	TX0052591	WASHBURN TUNNEL	c	0.00	0.00	0.00	NEEDS
TX0005380	TX0057843	40 ACRES	c	0.00	0.00	0.00	NEEDS
TX0020478	TX0020478	IMPERIAL VALLEY	@	4.00	1.40	0.00	NEEDS
TX0020478	TX0035009	SOUTHEAST	c	2.24	1.73	0.07	NEEDS
TX0020478	TX0035017	TURKEY CREEK	c	12.00	5.60	0.00	NEEDS
TX0020478	TX0026131	WESTHEIMER	c	0.45	0.24	0.00	NEEDS
TX0020478	TX0035025	FWSD 34 STP	c	1.30	0.86	0.00	NEEDS
TX0020478	TX0027201	WCID 111	c	2.40	1.80	0.00	NEEDS
TX0020478	TX0026123	PARKGLEN	c	2.00	1.38	0.00	NEEDS
TX0020478	TX0035033	GULF MEADOWS	c	0.68	0.69	0.08	NEEDS
TX0020478	TX0035092	RED GULLY	c	0.51	0.42	0.03	NEEDS
TX0020478	TX0034916	INTERCONTINENTAL	c	0.60	0.43	0.00	NEEDS
TX0020478	TX0035106	CLINTON PARK STP	c	2.00	0.68	0.04	NEEDS
TX0020478	TX0027731	WCID 90	c	1.30	0.80	0.00	NEEDS
TX0020478	TX0027405	MANNING UD	c	0.50	0.85	0.00	NEEDS
TX0020478	TX0034886	EASTHAVEN STP	c	2.00	0.91	0.05	NEEDS
TX0020478	TX0034924	ALMEDA SIMS STP	c	20.00	18.77	5.36	NEEDS
TX0020478	TX0026433	GREENRIDGE	c	7.05	2.40	0.00	NEEDS
TX0020478	TX0035149	EASTEX OAKS	c	0.20	0.19	0.00	NEEDS
TX0020478	TX0054798	NORTHBOROUGH	c	2.00	0.60	0.00	NEEDS
TX0020478	TX0088153	UPPER BRAYS STP	c	2.00	0.87	0.00	NEEDS
TX0020478	TX0055310	NORTHGATE UD	c	3.71	2.40	0.00	NEEDS
TX0020478	TX0063070	SAGEMONT STP	c	3.00	3.07	0.00	NEEDS
TX0020478	TX0062201	SIMS BAYOU STP	c	48.00	36.52	6.26	NEEDS
TX0020478	TX0096172	69th ST	c	0.00	0.00	0.00	NEEDS
TX0020478	TX0065307	BELTWAY CENTRAL	c	13.34	5.80	0.00	NEEDS
TX0020478	TX0063002	WEST DIST STP	c	26.40	19.00	0.00	NEEDS
TX0020478	TX0063011	NORTHWEST STP	c	18.00	10.18	0.50	NEEDS
TX0020478	TX0063045	WCID 47 STP	c	2.24	2.40	0.00	NEEDS
TX0020478	TX0063037	NORTHEAST STP	c	5.50	3.20	0.25	NEEDS
TX0020478	TX0063061	CHOCOLATE BAYOU STP	c	5.75	3.79	0.02	NEEDS
TX0020478	TX0063053	FWSD 23 STP	c	5.00	3.79	0.05	NEEDS
TX0020478	TX0063088	WCID 51 STP	c	4.00	3.40	0.00	NEEDS
TX0020478	TX0062995	SOUTHWEST STP	c	38.00	42.37	3.10	NEEDS
TX0020478	TX0068527	MUD 139	c	1.00	0.47	0.00	NEEDS
TX0020478	TX0074705	MUD 123	c	0.60	0.67	0.00	NEEDS
TX0020478	TX0057347	WHITE OAK UD	c	2.00	1.30	0.00	NEEDS
TX0020478	TX0068250	SHERWOOD OAKS	c	0.50	0.67	0.00	NEEDS
TX0020478	TX0063029	HOMESTEAD STP	c	0.27	1.80	0.13	NEEDS
TX0020478	TX0098191	KEEGANS BAYOU	c	0.00	0.00	0.00	NEEDS
TX0020478	TX0103667	CEDAR BAYOU	c	0.00	0.00	0.00	NEEDS
TX0020478	TX0103721	NORTHBELT	c	0.00	0.00	0.00	NEEDS
TX0020478	TX0105058	SIMS BAYOU STP (#2)	c	0.00	0.00	0.00	NEEDS
TX0021784	TX0021784	SOUTHSIDE STP	@	5.91	3.60	0.22	NEEDS
TX0022217	TX0022217	LONGVIEW MAIN STP	@	13.90	9.97	0.41	NEEDS

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TX0022268	TX0022268	SOUTHWEST STP	@	6.00	4.30	0.00	NEEDS
TX0022268	TX0071391	HIGHLAND HOLLOW	c	0.04	0.02	0.00	NEEDS
TX0022357	TX0022357	GAINESVILLE STP	@	1.60	2.10	0.17	NEEDS
TX0022373	TX0022373	ELKINS LAKE	@	1.60	1.13	0.00	NEEDS
TX0022373	TX0072974		c	4.15	2.52	0.00	NEEDS
TX0022527	TX0022519	BACHELORS CREEK	c	0.00	0.00	0.00	NEEDS
TX0022527	TX0022527	TERRELL KINGS CREEK	@	3.00	1.86	0.41	NEEDS
TX0022616	TX0022616	STP #1	@	6.40	4.32	0.05	NEEDS
TX0022616	TX0025071	BRYAN STP 2	c	1.50	2.54	0.35	NEEDS
TX0022616	TX0062472	BRYAN STP 3	c	0.75	0.28	0.00	NEEDS
TX0022802	TX0022802	CENTRAL STP	@	100.00	91.75	12.00	NEEDS
TX0022811	TX0022811	TEN MILE CREEK STP	@	6.78	1.13	0.07	NEEDS
TX0023779	TX0023779	WILLOW CREEK WWTP	@	1.29	0.36	0.00	NEEDS
TX0023779	TX0047414	POLLARD CREEK	c	3.52	1.98	0.00	NEEDS
TX0023931	TX0023931	FLOYD BRANCH	@	2.25	2.32	0.00	NEEDS
TX0023973	TX0023973	ABILENE STP	@	13.40	15.00	1.95	NEEDS
TX0024309	TX0024309	LUFKIN STP	@	4.10	4.95	1.27	NEEDS
TX0024325	TX0024325	SHERMAN POST OAK CR	@	8.00	7.68	2.84	NEEDS
TX0024635	TX0024635	STP	@	2.10	1.08	0.20	NEEDS
TX0024686	TX0024678	ROWLETT CK STP	c	30.00	20.10	3.00	NEEDS
TX0024686	TX0024686	DUCK CREEK STP	@	6.00	13.17	0.00	NEEDS
TX0025186	TX0025186	GBRA WILLOW ST. PLT.	@	6.00	5.29	0.00	NEEDS
TX0025186	TX0025194	GBRA LOOP 175 PLANT	c	2.50	2.06	0.00	NEEDS
TX0025453	TX0025453	PALESTINE TOWN CREEK	@	2.05	1.31	0.00	NEEDS
TX0025453	TX0047473	PALESTINE WELLS CRK	c	2.50	1.50	0.10	NSSS
TX0025470	TX0025470	BRENHAM STP	@	2.55	1.83	0.22	NEEDS
TX0025801	TX0025801	RIVER ROAD STP	@	16.00	11.34	1.11	NEEDS
TX0025801	TX0025810	HOLLYWOOD RIVER	c	8.00	5.33	1.42	NEEDS
TX0026395	TX0026395	PARK TEN MUD	@	1.00	0.35	0.00	NEEDS
TX0026506	TX0026506	BRA WACO REGIONAL	@	37.80	23.05	1.82	NEEDS
TX0026751	TX00	HERVEY PLANT-NO DISC	c	0.00	0.00	0.00	NEEDS
TX0026751	TX0026751	HASKELL ST PLANT	@	27.70	22.25	0.71	NEEDS
TX0026751	TX0026778	SOCORRO STP	c	20.00	25.00	2.90	NEEDS
TX0026751	TX0087149	NORTHWEST PLT-QUARRY	c	4.50	1.07	0.00	NEEDS
TX0026751	TX0101605	TENNIS WEST	c	0.00	0.00	0.00	NEEDS
TX0027537	TX0027537	WAXAHACHIE STP # 2	@	2.20	2.23	0.29	NEEDS
TX0027910	TX0027910	PARIS STP	@	4.62	3.66	1.02	NEEDS
TX0046957	TX0046957	GOVALLE STP	@	26.00	26.78	4.64	NEEDS
TX0046957	TX0046965	HORNSBY BEND STP	c	2.50	1.41	0.00	NEEDS
TX0046957	TX0046981	WALNUT CREEK STP	c	18.00	33.49	0.66	NEEDS
TX0046957	TX0071889	S. AUSTIN REG. STP	c	18.00	9.68	0.00	NEEDS
TX0046990	TX0046990	HILLEBRANDT STP	@	30.00	23.47	0.00	NEEDS
TX0047040	TX0047040	BROWNWOOD STP	@	3.60	3.13	0.48	NEEDS
TX0047058	TX0047058	OSO STP	@	16.20	14.00	0.20	NEEDS
TX0047058	TX0047066	BROADWAY STP	c	10.00	8.72	0.50	NEEDS
TX0047058	TX0047074	WESTSIDE STP	c	3.00	3.05	0.50	NEEDS
TX0047058	TX0047082	ALLISON	c	2.65	2.32	0.33	NEEDS

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TX0047058	TX0047091	LAGUNA SHORES STP	c	0.30	0.20	0.00	NEEDS
TX0047058	TX0047104	LAGUNA MADRE	c	0.50	1.15	0.00	NEEDS
TX0047058	TX0047121	WHITECAP	c	0.50	0.36	0.00	NEEDS
TX0047155	TX0047155	STP	@	2.00	2.81	0.47	NEEDS
TX0047180	TX0047180	PECAN CREEK WRP	@	12.00	9.92	2.06	NEEDS
TX0047201	TX0047201	IRON ORE STP	@	2.00	1.33	0.00	NEEDS
TX0047201	TX0047210	GRAYSON CO. AIRPORT	c	0.41	0.16	0.06	NEEDS
TX0047201	TX0047228	PAW PAW STP	c	2.50	1.20	0.30	NEEDS
TX0047201	TX0047236	DUCK CREEK STP	c	1.00	1.13	0.30	NEEDS
TX0047261	TX0047261	OAK GROVE WWTP	@	2.50	1.82	0.13	NEEDS
TX0047295	TX0047295	VILLIAGE CREEK STP	@	96.00	110.80	9.37	NEEDS
TX0047309	TX0027791	AIRPORT WWP	c	3.75	1.46	0.00	NEEDS
TX0047309	TX0047309	MAIN STP	@	10.00	6.79	1.00	NEEDS
TX0047309	TX0063665	SEAWOLF WWP	c	0.01	0.00	0.00	NEEDS
TX0047309	TX0066125	TERRAMAR BEACH WWTP	c	0.10	0.04	0.00	NEEDS
TX0047309	TX0090745	WHITE SANDS WWP	c	0.00	0.00	0.00	NEEDS
TX0047431	TX0047431	MESQUITE STP	@	12.60	10.54	0.14	NEEDS
TX0047449	TX0047449	MCALLEN STP 2	@	10.00	7.95	0.40	NEEDS
TX0047449	TX0093106	MCALLEN STP 3 NORTH	c	4.00	1.99	0.00	NEEDS
TX0047465	TX0047465	ODESSA MAIN PLANT	@	9.50	6.81	0.00	NEEDS
TX0047465	TX0072800	ODESSA EAST PLANT	c	5.22	2.75	0.00	NEEDS
TX0047589	TX0024201	SABINE PASS	c	0.08	0.12	0.00	NEEDS
TX0047589	TX0047511	PORT ACRES	c	1.90	1.54	0.00	NEEDS
TX0047589	TX0047546	PLEASURE ISLAND STP	c	0.03	0.02	0.00	NEEDS
TX0047589	TX0047589	PORT ARTHUR MAIN STP	@	6.70	8.50	0.00	NEEDS
TX0047651	TX0047651	TEMPLE DOSHIER FARMS	@	5.00	2.74	0.00	NEEDS
TX0047686	TX0047686	WICH. FALLS RIVER RD	@	14.00	14.97	4.00	NEEDS
TX0047686	TX0084557	NORTHSIDE WWTP	c	1.50	0.46	0.34	NEEDS
TX0047724	TX0047724	WEATHERFORD STP	@	2.12	1.62	0.01	NEEDS
TX0047830	TX0047830	CENTRAL STP	@	150.00	164.55	23.04	NEEDS
TX0047830	TX0047848	SOUTHSIDE STP	c	30.00	32.90	4.61	NEEDS
TX0047872	TX0047872	PASADENA DEEPWATER	@	4.00	2.15	0.00	NEEDS
TX0047872	TX0047881	PASADENA GOLDEN ACRE	c	5.00	4.14	0.00	NEEDS
TX0047872	TX0063410	VINCE BAYOU STP #1A	c	5.80	6.82	0.00	NEEDS
TX0047911	TX0047911	PLANO-ROWLETT CR	@	12.00	16.66	0.10	NEEDS
TX0047929	TX0047929	HARLINGEN STP #2	@	3.50	3.06	0.26	NEEDS
TX0047929	TX0047937	HARLINGEN STP #1	c	3.10	2.90	0.07	PASS
TX0047929	TX0093394	HARLINGEN STP 3	c	3.10	1.67	0.00	NEEDS
TX0047945	TX0047945	SAN MARCOS STP	@	2.25	2.90	0.09	NEEDS
TX0047988	TX0047988	TYLER SOUTHSIDE STP	@	9.00	4.75	0.12	NEEDS
TX0047988	TX0047996	TYLER WESTSIDE STP	c	13.00	8.30	1.26	NEEDS
TX0052639	TX0052639	LEON CREEK STP	@	24.00	26.10	1.42	NEEDS
TX0052639	TX0052647	SALADO CREEK STP	c	24.00	21.36	1.18	NEEDS
TX0052639	TX0052671	SAN PEDRO STP	c	0.00	0.00	0.00	NEEDS
TX0052639	TX0077801	DOS RIOS STP	c	0.00	0.00	0.00	NEEDS
TX0052639	TX0089613	SOUTHWEST	c	0.00	0.00	0.00	NEEDS
TX0052639	TX0101150		c	0.00	0.00	0.00	NEEDS

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TX0052787	TX0052787	WESLACO STP	@	5.00	1.00	1.00	NEEDS
TX0052892	TX0052892	LEWISVILLE STP	@	6.00	5.50	0.25	NEEDS
TX0055123	TX0055123	NACOGD. STP #3	@	10.08	6.46	2.71	NEEDS
TX0055611	TX0055611	GREENVILLE STP	@	6.25	3.65	1.12	NEEDS
TX0056731	TX0056723	PLANT #U	c	0.80	0.37	0.00	NEEDS
TX0056731	TX0056731	PLANT #2	@	3.65	2.80	0.56	PASS
TX0058114	TX0058114	SUGARLAND RSS	@	6.50	3.98	0.80	NEEDS
TX0058378	TX0058378	TEMPLE-BELTON RSS	@	5.00	4.52	0.52	NEEDS
TX0058955	TX0058955	SULPHUR SPRINGS STP	@	5.40	2.60	0.50	NEEDS
TX0071340	TX0055484	NORTH PLANT	c	7.80	6.02	0.40	NEEDS
TX0071340	TX0071340	SOUTH STP	@	5.00	2.70	0.20	NEEDS
TX0101800	TX0099287	WAGGONER CREEK	c	2.00	0.96	0.00	NEEDS
TX0101800	TX0101800	TEXARKANA SOUTH REG.	@	11.70	8.00	0.83	PASS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
UT0020222	UT0020222	MORONI CITY WWTP	@	1.20	1.39	1.32	PASS
UT0020834	UT0020834	SPRINGVILLE	@	2.50	3.07	0.40	NEEDS
UT0020915	UT0020915	OREM STP	@	12.30	6.46	0.00	NEEDS
UT0020974	UT0020974	CENTRAL DAVIS WWTP	@	6.00	3.51	0.10	NEEDS
UT0021636	UT0021628	S. DAVIS CTY SOUTH	c	2.84	3.17	0.38	NEEDS
UT0021636	UT0021636	S. DAVIS CTY NORTH	@	5.35	5.95	0.00	NEEDS
UT0021717	UT0021717	PROVO STP	@	22.00	16.95	3.00	NEEDS
UT0021725	UT0021725	SLC RECLAMATION PLAN	@	45.00	50.49	11.40	NEEDS
UT0021741	UT0021741	N. DAVIS COUNTY WWTP	@	19.00	15.87	5.20	NEEDS
UT0021911	UT0021911	CENTRAL WEBER WWTP	@	44.50	40.88	6.09	NEEDS
UT0021920	UT0021920	LOGAN CITY STAB PON	@	14.50	15.53	0.00	NEEDS
UT0023639	UT0023639	TIMPANOGOS WWTP	@	7.60	5.75	0.00	NEEDS
UT0024384	UT0024384	S. VAL. OXID. DITCH	@	25.50	17.30	1.73	PASS
UT0024392	UT0024392	CENT. VAL. - MURRAY	@	16.00	17.38	2.50	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
VA0020362	VA0020362	SOUTH BOSTON STP	@	2.00	1.13	0.44	NEEDS
VA0020451	VA0020451	ALTAVISTA STP	@	1.80	1.63	0.12	NEEDS
VA0021075	VA0021075	GALAX SEWAGE FACILIT	@	1.50	1.22	0.40	NEEDS
VA0021105	VA0021105	GORDONSVILLE STP	@	0.55	0.41	0.00	NEEDS
VA0024970	VA0024970	LYNCHBURG STP	@	22.00	12.10	1.75	NEEDS
VA0024988	VA0024988	WATER RECLAMATION PR	@	15.50	6.36	0.00	NEEDS
VA0024996	VA0024996	FALLING CREEK STP	@	10.16	5.65	0.00	NEEDS
VA0024996	VA0060194	PROCTOR'S CREEK	c	4.00	2.29	0.00	NEEDS
VA0025020	VA0025020	ROANOKE WPCP	@	35.00	17.86	5.50	NEEDS
VA0025143	VA0025143	ARLINGTON CO WPCP	@	30.00	22.43	0.00	NEEDS
VA0025151	VA0025151	WAYNESBORO STP	@	4.00	2.45	0.30	NEEDS
VA0025160	VA0025160	ALEXANDRIA STP	@	54.00	30.78	1.00	NEEDS
VA0025305	VA0025305	MARTINSVILLE STP	@	6.00	5.35	1.63	NEEDS
VA0025364	VA0025364	LOWER POTOMAC PCP	@	36.00	29.78	0.00	NEEDS
VA0025364	VA0025372	LITTLE HUNTING CREEK	c	6.60	4.50	0.00	NEEDS
VA0025437	VA0025437	PETERSBURG WWTP	@	15.00	9.74	1.00	NEEDS
VA0025518	VA0025470	SCOTTSVILLE SEW LAG.	c	0.07	0.04	0.00	NEEDS
VA0025518	VA0025488	CAMELOT STP	c	0.04	0.02	0.00	NEEDS
VA0025518	VA0025518	MOORE'S CREEK STP	@	15.00	10.37	0.00	NEEDS
VA0060593	VA0060593	NORTHSIDE PCP	@	24.00	16.05	5.00	NEEDS
VA0060640	VA0060640	HARRISONBURG-ROCKING	@	8.00	5.31	0.40	NEEDS
VA0060844	VA0060844	STROUBLES CREEK	@	6.00	2.88	0.00	NEEDS
VA0061590	VA0061590	CULPEPER WPTP	@	3.00	1.40	0.50	NEEDS
VA0061654	VA0061654	UPPER SMITH RIVER ST	@	4.00	2.01	0.30	NEEDS
VA0062618	VA0025208	ARMY BASE STP	c	18.00	14.18	1.50	NEEDS
VA0062618	VA0025241	JAMES RIVER STP	c	15.00	13.99	3.00	NEEDS
VA0062618	VA0025259	LAMBERT'S POINT STP	c	35.00	22.02	2.35	NEEDS
VA0062618	VA0025267	WILLIAMSBURG STP	c	9.60	8.33	1.71	NEEDS
VA0062618	VA0025275	CHESAPEAKE/ELIZ. STP	c	24.00	16.42	0.60	NEEDS
VA0062618	VA0025283	BOAT HARBOR STP	c	25.00	20.18	2.50	NEEDS
VA0062618	VA0062618	ATLANTIC PLANT	@	36.00	24.65	0.00	NEEDS
VA0062618	VA0064238	YORK RIVER STP	c	15.00	6.66	0.75	NEEDS
VA0062618	VA0064459	NANSEMOND STP	c	16.00	5.13	0.00	NEEDS
VA0063177	VA0063177	RICHMOND STP	@	70.00	59.53	7.81	NEEDS
VA0066630	VA0066630	HOPEWELL STP	@	50.00	33.69	31.30	NEEDS

Report to Congress
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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
WA0020257	WA0020257	ANACORTES MAIN PLANT	@	1.30	1.02	0.08	NEEDS
WA0020257	WA0029441	ANACORTES - SKYLINE	c	0.05	0.01	0.00	NEEDS
WA0020419	WA0020419	RICHLAND WWTP	@	6.00	4.50	0.00	NEEDS
WA0024031	WA0024031	LYNNWOOD STP	@	4.50	2.56	0.00	NEEDS
WA0024350	WA0024350	WESTSIDE PLANT	@	12.00	10.22	1.62	NEEDS
WA0024350	WA0024368	EASTSIDE PLANT	c	4.00	2.10	0.00	NEEDS
WA0024473	WA0024473	SPOKANE STP	@	22.00	34.76	4.77	NEEDS
WA0024490	WA0024490	EVERETT STP	@	31.00	25.50	0.57	NEEDS
WA0029181	WA0029017	ALKI POINT STP	c	10.00	8.21	0.00	NEEDS
WA0029181	WA0029173	CARKEEK PARK STP	c	3.50	2.80	0.00	NEEDS
WA0029181	WA0029181	WEST POINT WWTP	@	125.00	115.52	16.00	NEEDS
WA0029181	WA0029581	RENTON WWTP	c	72.00	108.00	1.83	NEEDS
WA0029181	WA0029611	RICHMOND BEACH	c	2.80	1.40	0.00	NEEDS
WA0037087	WA0037087	TACOMA CENTRAL STP	@	27.00	21.10	7.00	NEEDS
WA0037087	WA0037206	WESTERN SLOPE STP	c	3.00	1.70	0.05	NEEDS
WA0037087	WA0037214	NORTH END STP	c	10.00	4.50	0.10	NEEDS

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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
WI0020991	WI0020991	GREEN BAY WWTP	@	52.50	33.07	18.39	NEEDS
WI0023221	WI0023221	APPLETON WWTP	@	16.50	12.08	2.53	NEEDS
WI0023370	WI0023370	BELOIT WWTP	@	9.50	6.39	1.03	NEEDS
WI0023469	WI0023469	BROOKFIELD STP	@	10.00	5.45	0.17	NEEDS
WI0023787	WI0023787	DEPERE WWTP	@	14.20	4.01	0.25	NEEDS
WI0023850	WI0023850	EAU CLAIRE WWTP	@	16.26	5.50	1.00	NEEDS
WI0023990	WI0023990	FOND DU LAC WPCF	@	11.50	7.53	1.27	NEEDS
WI0024597	WI0024597	NINE SPRINGS STW	@	50.00	34.97	5.25	NEEDS
WI0024601	WI0024601	MANITOWOC WWTP	@	15.50	9.86	4.26	NEEDS
WI0024767	WI0024767	JONES ISLAND SEW TRE	@	185.00	128.39	50.00	NEEDS
WI0024767	WI0024775	SOUTH SHORE STP	c	120.00	91.38	15.00	NEEDS
WI0025038	WI0025038	OSHKOSH WWTP	@	20.00	11.83	0.87	NEEDS
WI0025194	WI0025194	RACINE STP	@	30.00	22.37	2.34	NEEDS
WI0025411	WI0025411	SHEBOYGAN REG. WWTP	@	18.55	8.63	2.65	NEEDS
WI0025739	WI0025739	WAUSAU WWTP	@	9.20	5.31	2.50	NEEDS
WI0025763	WI0025763	WEST BEND WWTP	@	9.00	3.73	0.44	NEEDS
WI0026085	WI0026085	NEENAH-MENASHA WWTP	@	18.00	9.80	1.74	NEEDS
WI0028541	WI0028541	WATERTOWN STP	@	5.20	3.44	0.53	NEEDS
WI0028703	WI0028703	KENOSHA STP	@	28.00	19.36	3.98	NEEDS
WI0028819	WI0028819	SOUTH MILWAUKEE STP	@	6.00	3.11	0.79	NEEDS
WI0029581	WI0029581	ISLE LA PLUME STP	@	20.00	14.59	4.98	NEEDS
WI0029971	WI0029971	WAUKESHA STP	@	16.00	11.56	1.27	NEEDS
WI0030350	WI0030350	JANESVILLE WPCP	@	17.18	12.50	2.90	NEEDS
WI0031232	WI0031232	HEART OF THE VALLEY	@	5.50	3.71	0.12	NEEDS

Report to Congress
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CANPDES	NPID	FACILITY'S NAME	STA TUS	DESIGN FLOW, (MGD)	ACTUAL FLOW, (MGD)	INDUS- TRIAL FLOW, (MGD)	DATA SOURCE
WV0023116	WV0023116	SOUTH CHARLESTON WTW	@	0.00	0.00	0.00	NONE
WV0023124	WV0023124	MORGANTOWN WPC FAC	@	9.06	9.06	1.00	NEEDS
WV0023159	WV0023159	HUNTINGTON STP	@	17.00	15.36	4.50	NEEDS
WV0023205	WV0023205	CHARLESTON TREAT WKS	@	14.00	14.00	0.19	NEEDS
WV0023213	WV0023213	PARKERSBURG STP	@	9.66	9.66	0.21	NEEDS
WV0023230	WV0023230	WHEELING WPC FAC	@	25.31	25.31	0.00	NEEDS
WV0023353	WV0023353	FAIRMONT S.T.P.	@	5.14	5.14	0.00	NEEDS

APPENDIX A-3

**SUMMARY OF DSS AND TRIS POLLUTANTS
DISCHARGED TO POTWS**

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE ADHESIVES AND SEALANTS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	5,942	5,830	5,830	26,668
1,1,2-Trichloroethane	*	4	4	4	N/A
1,1-Dichloroethane	*	2	2	2	N/A
1,1-Dichloroethylene	*	117	117	117	N/A
1,2-Dichlorobenzene	*	137	71	71	N/A
1,4-Dichlorobenzene	*	161	0	0	N/A
Acetone		N/A	N/A	N/A	1,297
Acrylic Acid		N/A	N/A	N/A	1
Antimony Compounds	*	N/A	N/A	N/A	2,050
Barium and Compounds		N/A	N/A	N/A	1,652
Benzene	*	1,003	1,003	1,003	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	24,129	14,776	14,776	N/A
Butyl Benzyl Phthalate	*	21,816	21,816	21,816	21,074
Cadmium & Compounds	*	2	2	2	250
Carbon Tetrachloride	*	143	143	143	N/A
Chlorobenzene	*	7	7	7	N/A
Chloroform	*	68	68	68	N/A
Chromium & Compounds	*	636,738	287,190	287,190	22,250
Copper & Compounds	*	4,829	2,496	2,496	251
Cyanide	*	404	304	304	250
Diethyl Phthalate		730	730	730	N/A
Dimethyl Phthalate		112	112	112	250
Di-N-Butyl Phthalate	*	34,122	33,933	33,933	935
Ethylbenzene	*	474	443	443	500
Formaldehyde		N/A	N/A	N/A	39,340
Lead & Compounds	*	573	573	573	250
Mercury	*	143	143	143	N/A
Methanol		N/A	N/A	N/A	503
Methyl Ethyl Ketone		N/A	N/A	N/A	500
Methyl Isobutyl Ketone		N/A	N/A	N/A	250
Methylene Chloride	*	51,756	19,783	19,783	750
Napthalene	*	785	399	399	N/A
Nickel & Compounds	*	4	4	4	N/A
PCB	*	4	4	4	N/A
Pentachlorophenol	*	13,437	10,449	10,449	N/A
Phenol	*	46,645	32,261	32,261	25
Selenium & Compounds	*	24	24	24	N/A
Silver & Compounds	*	287	287	287	N/A
Styrene		N/A	N/A	N/A	3
Tetrachloroethylene	*	150	150	150	2,500
Toluene	*	10,983	10,983	10,983	3,012
Trans 1,2-Dichloroethylene	*	7	7	7	N/A
Trichloroethylene	*	1,314	1,012	1,012	N/A
Xylene(all iso)		N/A	N/A	N/A	1,250
Zinc & Compounds	*	194,856	160,681	160,681	2,957
SUBTOTAL		1,051,908	605,807	605,807	128,768
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	250
Aluminum and Compounds		N/A	N/A	N/A	250
Aluminum Oxide		N/A	N/A	N/A	16,300

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
ADHESIVES AND SEALANTS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Ammonia		N/A	N/A	N/A	50
Butyl Acrylate		N/A	N/A	N/A	126
Chlorine Dioxide		N/A	N/A	N/A	250
Decabromodiphenyl Oxide		N/A	N/A	N/A	8,050
Diethanolamine		N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	7,701
Glycol Ethers		N/A	N/A	N/A	16,369
Hydrochloric Acid		N/A	N/A	N/A	250
Methyl Acrylate		N/A	N/A	N/A	1
Methyl Methacrylate		N/A	N/A	N/A	258
Methylenebis (Phenylisocyanate)		N/A	N/A	N/A	250
Nitric Acid		N/A	N/A	N/A	13,500
Phosphoric Acid		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	1,410
Vinyl Acetate		N/A	N/A	N/A	1,855
SUBTOTAL		0	0	0	67,370
TOTAL		1,051,906	605,807	605,807	196,138

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
BATTERY MANUFACTURE CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	67	6	6	1
1,1-Dichloroethylene	*	8	1	1	N/A
Antimony & Compounds	*	2,316	459	459	3,560
Arsenic & Compounds	*	9	6	6	N/A
Barium & Compounds		N/A	N/A	N/A	1,056
Bis(2-Ethyl Hexyl)Phthlate	*	525	28	28	N/A
Butyl Benzyl Phthlate		16	1	1	N/A
Cadmium & Compounds	*	15,342	33	33	752
Chromium & Compounds	*	4,160	61	61	N/A
Copper & Compounds	*	2,856	585	585	2
Cyanide	*	95	5	5	N/A
Di-N-Octyl Phthalate	*	175	7	7	N/A
Lead & Compounds	*	3,267,557	80	80	11,375
Mercury & Compounds	*	1,928	5	5	272
Methanol		N/A	N/A	N/A	5,000
Methylene Chloride	*	3	0	0	N/A
Napthalene	*	48	2	2	N/A
Nickel & Compounds	*	34,083	530	530	750
Selenium & Compounds	*	7	0	0	N/A
Silver & Compounds	*	414	8	8	1
Toluene	*	1	0	0	N/A
Trichloroethylene	*	3	0	0	2
Zinc & Compounds	*	96,990	239	239	1,491
SUBTOTAL		3,426,603	2,056	2,056	24,262
TRIS POLLUTANTS (4)					
Ammonia		N/A	N/A	N/A	255
Ammonia Sulfate		N/A	N/A	N/A	857,000
Cobalt & Compounds		N/A	N/A	N/A	250
Hydrochloric Acid		N/A	N/A	N/A	1
Manganese & Compounds		N/A	N/A	N/A	412
Sulfuric Acid		N/A	N/A	N/A	2,015
SUBTOTAL		0	0	0	859,933
TOTAL		3,426,604	2,056	2,056	884,195

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
COAL, OIL, PETROLEUM PRODUCTS & REFINING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	560	560	560	21,300
1,2-Dichloroethane	*	1,680	1,680	1,680	253
2,4-Dimethylphenol	*	422,606	422,606	422,606	4,574
Acetone		N/A	N/A	N/A	38,000
Arsenic & Compounds	*	5,041	5,041	5,041	N/A
Barium Compounds		N/A	N/A	N/A	24,634
Benzene	*	228,807	228,807	228,807	258,861
Bis(2-Ethyl Hexyl)Phthalate	*	560	560	560	N/A
Cadmium Compounds	*	0	0	0	250
Chlorobenzene	*	560	560	560	N/A
Chloroform		1,960	1,960	1,960	N/A
Chromium & Compounds	*	296,020	296,020	296,020	93,001
Copper & Compounds	*	5,881	5,881	5,881	14,124
Cresol		N/A	N/A	N/A	71,170
Cumene		N/A	N/A	N/A	14,500
Cyanide Compounds	*	707,424	707,424	707,424	250
Cyclohexane		N/A	N/A	N/A	135,640
Diethyl Phthalate		1,400	1,400	1,400	N/A
Di-N-Butyl Phthalate	*	840	840	840	N/A
Epichlorohydrin		N/A	N/A	N/A	500
Ethylbenzene	*	711,345	711,345	711,345	165,081
Lead & Compounds	*	5,041	5,041	5,041	5,421
Mercury & Compounds	*	280	280	280	N/A
Methanol		N/A	N/A	N/A	642,784
Methylene Chloride	*	280	280	280	N/A
Naphthalene	*	47,330	47,330	47,330	612,896
Nickel & Compounds	*	560	560	560	5,394
Pentachlorophenol	*	14,563	14,563	14,563	N/A
Phenol	*	543,871	543,871	543,871	1,134,552
Selenium & Compounds	*	53,771	53,771	53,771	N/A
Tetrachloroethylene	*	280	280	280	N/A
Trichloroethylene	*	N/A	N/A	N/A	250
Toluene	*	1,740,836	1,740,836	1,740,836	533,775
Xylene(all iso)		N/A	N/A	N/A	865,031
Zinc & Compounds	*	46,770	46,770	46,770	44,570
SUBTOTAL		4,838,266	4,838,266	4,838,266	4,686,811
TRIS POLLUTANTS (4)					
1,2-Dibromoethane		N/A	N/A	N/A	253
1,2-Dichloropropane	*	N/A	N/A	N/A	3
1,2,4-Trimethylbenzene		N/A	N/A	N/A	391,533
2-Methoxyethanol		N/A	N/A	N/A	500
Aluminum Oxide		N/A	N/A	N/A	265
Ammonia		N/A	N/A	N/A	3,251,682
Ammonia Sulfate		N/A	N/A	N/A	1,333,000
Asbestos		N/A	N/A	N/A	250
Biphenyl		N/A	N/A	N/A	250
Chlorine and Adducts		N/A	N/A	N/A	15,480
Chlorine Dioxide		N/A	N/A	N/A	250
Diethanolamine		N/A	N/A	N/A	1,217,101
Ethylene Glycol		N/A	N/A	N/A	59,198

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
COAL, OIL, PETROLEUM PRODUCTS & REFINING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Glycol Ethers		N/A	N/A	N/A	17,296
Hydrochloric Acid		N/A	N/A	N/A	250
Hydrogen Fluorides		N/A	N/A	N/A	12,707
Manganese and Compounds		N/A	N/A	N/A	6,194
Methyl-tert-butyl ether		N/A	N/A	N/A	4,073
Phosphoric Acid		N/A	N/A	N/A	300
Sulfuric Acid		N/A	N/A	N/A	99,853
SUBTOTAL		0	0	0	6,410,438
TOTAL		4,838,266	4,838,266	4,838,266	11,097,249

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE COSMETICS, FRAGRANCES & FLAVORS CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,1,1-Trichloroethane	*	N/A	250
Acetaldehyde		N/A	46,600
Acetone		N/A	1,900
Aluminum		N/A	750
Aluminum Oxide		N/A	738
Ammonia		N/A	66,380
Ammonium Sulfate		N/A	381,850
Benzyl Chloride		N/A	250
Copper And Cpds	*	N/A	250
Dichloromethane	*	N/A	14,000
Diethanolamine		N/A	2,654
Diethyl Phthalate		N/A	500
Formaldehyde		N/A	250
Glycol Ethers		N/A	466,826
Hydrochloric Acid		N/A	50,250
Methanol		N/A	68,750
Phenol	*	N/A	250
Phosphoric Acid		N/A	29,582
P-Phenylenediamine		N/A	2,309
Selenium	*	N/A	250
Sulfuric Acid		N/A	44,517
Toluene	*	N/A	250
Zinc And Compounds	*	N/A	5,400
TOTAL			1,184,756

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
DYES AND PIGMENTS (ITD) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
=====					
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	0	0	0	250
1,2,4-Trichlorobenzene	*	12,774	12,774	95	2,782
1,2-Dichlorobenzene	*	0	0	0	16,090
1,2-Dichloroethane	*	0	0	0	15,000
1,3-Dichlorobenzene	*	0	0	0	40
1,4-Dichlorobenzene	*	0	0	0	30,000
2,4-Dinitrophenol	*	N/A	N/A	N/A	750
Acetone		N/A	N/A	N/A	884,574
Acetonitrile		N/A	N/A	N/A	155,616
Acrolein	*	264	264	8	N/A
Acrylonitrile	*	N/A	N/A	N/A	15,000
Aniline		N/A	N/A	N/A	990,570
Anthracene		N/A	N/A	N/A	18,129
Barium & Compounds		N/A	N/A	N/A	144,246
Benzene	*	0	0	0	553,705
Butanol		N/A	N/A	N/A	48,450
Carbon Tetrachloride		0	0	0	2,752
Chlorobenzene	*	0	0	0	432,784
Chloromethane	*	0	0	0	1,760
Chromium & Compounds	*	307,030	305,930	395	54,335
Copper & Compounds	*	1,843,254	1,843,254	326	41,935
Cresol (all iso)		N/A	N/A	N/A	786,364
Cyanide	*	1	1	1	116,942
Ethylbenzene	*	0	0	0	264,356
Ethylene Oxide		N/A	N/A	N/A	14,350
Formaldehyde		N/A	N/A	N/A	72,718
Lead & Compounds	*	307,022	305,922	353	2,377
Methanol		N/A	N/A	N/A	13,768,598
Methyl Ethyl Ketone		N/A	N/A	N/A	1,500
Methyl Isobutyl Ketone		N/A	N/A	N/A	41,823
Methylene Chloride	*	0	0	0	258
Naphthalene	*	24	24	13	49,406
Nickel & Compounds	*	10	10	4	4,370
Nitrobenzene	*	0	0	0	3,600
Phenol	*	435,936	435,936	13	260,189
Phthalic Anhydride		N/A	N/A	N/A	250
Pyridine		N/A	N/A	N/A	93,127
Selenium & Compounds	*	44	44	17	N/A
Styrene		N/A	N/A	N/A	6,994
Tetrachloroethylene		0	0	0	63,272
Toluene	*	5,290	5,290	39	426,557
Trichloroethylene	*	20	20	17	N/A
Xylene		N/A	N/A	N/A	1,380,360
Zinc & Compounds	*	129	129	4	912,548

SUBTOTAL		2,911,798	2,909,598	1,285	21,678,727

TRIS POLLUTANTS (4)					
1,3-Butadiene		N/A	N/A	N/A	133
2,4-Diaminotoluene		N/A	N/A	N/A	1,200
2,4-Dinitrotoluene	*	N/A	N/A	N/A	700,000

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
DYES AND PIGMENTS (ITD) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
2,6-Dinitrotoluene	*	N/A	N/A	N/A	170,000
2-Ethoxyethanol		N/A	N/A	N/A	72,100
2-Nitrophenol	*	N/A	N/A	N/A	130,000
3,3-Dichlorobenzidine		N/A	N/A	N/A	612
4,6-Dinitro-O-Cresol		N/A	N/A	N/A	19
4-Nitrophenol	*	N/A	N/A	N/A	400,000
Ammonia		N/A	N/A	N/A	7,641,042
Benzyl Chloride		N/A	N/A	N/A	500
Biphenyl		N/A	N/A	N/A	137,110
Carbaryl		N/A	N/A	N/A	127
Chlordane	*	N/A	N/A	N/A	23
Chlorine and Adducts		N/A	N/A	N/A	9,850
Cobalt		N/A	N/A	N/A	257
Cresol		N/A	N/A	N/A	261,712
C.I. Basic Green 4		N/A	N/A	N/A	1,320
Diaminotoluene		N/A	N/A	N/A	2,200
Dibenzofuran		N/A	N/A	N/A	45,273
Diethanolamine		N/A	N/A	N/A	8,017
Diethyl Sulfate		N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	264,681
Glycol Ethers		N/A	N/A	N/A	44,320
Heptachlor	*	N/A	N/A	N/A	37
Hexachlorocyclopentadiene	*	N/A	N/A	N/A	801
Hexachlorobenzene	*	N/A	N/A	N/A	160
Hydrochloric acid		N/A	N/A	N/A	14,024,832
Hydroquinone		N/A	N/A	N/A	366,250
Manganese & Compounds		N/A	N/A	N/A	2,400
Nitric Acid		N/A	N/A	N/A	15,000,500
N,N-Dimethylaniline		N/A	N/A	N/A	39,868
O-Anisidine		N/A	N/A	N/A	768
O-Toluidine		N/A	N/A	N/A	11,100
Phosphoric Acid		N/A	N/A	N/A	140,500
Phosphorus		N/A	N/A	N/A	1
Propylene Oxide		N/A	N/A	N/A	12,050
P-cresidine		N/A	N/A	N/A	3,750
Quinoline		N/A	N/A	N/A	5,154
Sulfuric Acid		N/A	N/A	N/A	7,100,626
<hr/>					
SUBTOTAL					46,599,543
TOTAL		2,911,798	2,909,598	1,302	68,278,270

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
DYES AND PIGMENTS (ISDB) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	0	0	0	250
1,2,4-Trichlorobenzene	*	290	290	3	2,782
1,2-Dichlorobenzene	*	330,435	330,435	52	16,090
1,2-Dichloroethane	*	0	0	0	15,000
1,3-Dichlorobenzene	*	0	0	0	40
1,4-Dichlorobenzene	*	561,930	561,930	203	30,000
2,4-Dinitrophenol	*	N/A	N/A	N/A	750
3,3-Dimethoxy Benzidene		2,596	2,596	519	N/A
Acetone		0	0	0	884,574
Acetonitrile		0	0	0	155616
Acrylonitrile	*	N/A	N/A	N/A	15,000
Aniline		5,212,625	5,212,625	260,631	990,570
Anthracene	*	N/A	N/A	N/A	18,129
Aromatic Alcohol		18,140	18,140	907	N/A
Barium and Compounds		5,302	5,297	53	144,246
Benzene	*	0	0	0	553,705
Butanol		3,292	3,292	165	48,450
Carbon Tetrachloride	*	0	0	0	2,752
Chlorobenzene	*	27	27	17	432,784
Chloromethane	*	0	0	0	1,760
Chlorophenols		617,565	617,565	30,878	N/A
Chromium & Compounds	*	18,276	18,120	24	54,335
Copper & Compounds	*	552,066	552,063	98	41,935
Cresol (all iso)		N/A	N/A	N/A	786,364
Cyanide	*	8,537	8,537	186	116,942
Ethyl Acetate		110,099	110,099	5,505	N/A
Ethylbenzene	*	0	0	0	264,356
Ethylene Oxide		N/A	N/A	N/A	14,350
Formaldehyde		2,074	2,074	311	72,718
Formic Acid		371	371	37	N/A
Hydrazine		1,078	1,078	54	N/A
Lead & Compounds	*	917,668	914,380	1,055	2,377
Methanol		19,163,197	19,163,197	0	13,768,598
Methyl Ethyl Ketone		N/A	N/A	N/A	1,500
Methyl Isobutyl Ketone		N/A	N/A	N/A	41,823
Methylene Chloride	*	0	0	0	258
Naphthalene	*	0	0	0	49,406
Nickel & Compounds	*	0	0	0	4,370
Nitrobenzene	*	0	0	0	3,600
PCB	*	644	644	6	N/A
Phenol	*	6,161	6,161	27	260,189
Phthalic Anhydride		N/A	N/A	N/A	250
Pyridine		N/A	N/A	N/A	93,127
Styrene		N/A	N/A	N/A	6,994
Tetrachloroethylene		57,453	57,453	261	63,272
Toluene	*	0	0	0	426,557
Vanadium Pentoxide		905	905	45	N/A
Xylene(all iso)		N/A	N/A	N/A	1,380,360
Zinc & Compounds	*	1,107	1,107	25	912,548
Miscellaneous Pollutants		61	61	3	
SUBTOTAL		27,591,899	27,588,447	301,065	21,678,727

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
DYES AND PIGMENTS (ISDB) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
TRIS POLLUTANTS (4)					
1,3-Butadiene		N/A	N/A	N/A	133
2,4-Diaminotoluene		N/A	N/A	N/A	1,200
2,4-Dinitrotoluene	*	N/A	N/A	N/A	700,000
2,6-Dinitrotoluene	*	N/A	N/A	N/A	170,000
2-Ethoxyethanol		N/A	N/A	N/A	72,100
2-Nitrophenol	*	N/A	N/A	N/A	130,000
3,3-Dichlorobenzidine		N/A	N/A	N/A	612
4,6-Dinitro-O-Cresol		N/A	N/A	N/A	19
4-Nitrophenol	*	N/A	N/A	N/A	400,000
Ammonia		N/A	N/A	N/A	7,641,042
Benzyl Chloride		N/A	N/A	N/A	500
Biphenyl		N/A	N/A	N/A	137,110
Carbaryl		N/A	N/A	N/A	127
Chlordane	*	N/A	N/A	N/A	23
Chlorine and Adducts		N/A	N/A	N/A	9,850
Cobalt		N/A	N/A	N/A	257
Cresol		N/A	N/A	N/A	261,712
C.I. Basic Green 4		N/A	N/A	N/A	1,320
Diaminotoluene		N/A	N/A	N/A	2,200
Dibenzofuran		N/A	N/A	N/A	45,273
Diethanolamine		N/A	N/A	N/A	8,017
Diethyl Sulfate		N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	264,681
Glycol Ethers		N/A	N/A	N/A	44,320
Heptachlor	*	N/A	N/A	N/A	37
Hexachlorocyclopentadiene	*	N/A	N/A	N/A	801
Hexachlorobenzene	*	N/A	N/A	N/A	160
Hydrochloric acid		N/A	N/A	N/A	14,024,832
Hydroquinone		N/A	N/A	N/A	366,250
Manganese and Compounds		N/A	N/A	N/A	2,400
Nitric Acid		N/A	N/A	N/A	15,000,500
N,N-Dimethylaniline		N/A	N/A	N/A	39,868
O-Anisidine		N/A	N/A	N/A	768
O-Toluidine		N/A	N/A	N/A	11,100
Phosphoric Acid		N/A	N/A	N/A	140,500
Phosphorus		N/A	N/A	N/A	1
Propylene Oxide		N/A	N/A	N/A	12,050
P-cresidine		N/A	N/A	N/A	3,750
Quinoline		N/A	N/A	N/A	5,154
Sulfuric Acid		N/A	N/A	N/A	7,100,626
SUBTOTAL					46,599,543
TOTAL		27,595,130	27,591,678	301,227	68,278,270

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE ELECTRICAL AND ELECTRONIC COMPONENTS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	135,833	13,583	13,583	29,944
1,1,2-Trichloroethane	*	0	0	0	750
1,1-Dichloroethylene	*	386	39	39	N/A
1,2,4-Trichlorobenzene	*	40,517	4,052	4,052	504
1,2-Dichlorobenzene	*	132,064	13,206	13,206	518
1,3-Dichlorobenzene	*	4,443	444	444	N/A
1,4-Dichlorobenzene	*	28,429	2,842	2,842	N/A
2,4,6-Trichlorophenol	*	7	1	1	N/A
Acetone		N/A	N/A	N/A	156,487
Antimony & Compounds	*	4,962	2,371	2,371	1,915
Arsenic	*	38,009	2,688	2,688	271
Barium & Compounds		N/A	N/A	N/A	9,950
Bis(2-Ethyl Hexyl)Phthalate	*	11,498	1,150	1,150	N/A
Cadmium & Compounds	*	4,948	1,365	1,365	253
Chloroform	*	5,197	520	520	N/A
Chloromethane	*	N/A	N/A	N/A	750
Chromium & Compounds	*	31,431	31,377	31,377	2,843
Copper & Compounds	*	53,337	53,337	53,337	63,878
Cyanide	*	1,927	1,927	1,927	464
Dichlorobenzenes		N/A	N/A	N/A	810
Diethyl Phthalate		0	0	0	16,812
Di-N-Butyl Phthalate	*	230	23	23	N/A
Di-N-Octyl Phthalate	*	188	19	19	N/A
Ethyl Benzene	*	75	8	8	N/A
Formaldehyde		N/A	N/A	N/A	144,953
Lead & Compounds	*	166,851	24,192	24,192	7,967
Mercury & Compounds	*	205	205	205	N/A
Methanol		N/A	N/A	N/A	542,906
Methyl Ethyl Ketone		N/A	N/A	N/A	14,451
Methylene Chloride	*	38,672	3,867	3,867	24,279
Napthalene	*	1,193	119	119	N/A
Nickel & Compounds	*	98,312	98,312	98,312	7,215
Pentachlorophenol	*	343	34	34	N/A
Phenol	*	30,022	3,002	3,002	3,750
Selenium & Compounds	*	1,153	1,153	1,153	N/A
Silver & Compounds	*	330	330	330	752
Tetrachloroethylene	*	245,536	24,553	24,553	2,323
Thiourea		N/A	N/A	N/A	23,964
Toluene	*	6,163	616	616	300
Trichloroethylene	*	14,685	1,468	1,468	2,517
Xylene(all iso)		N/A	N/A	N/A	3,041
Zinc & Compounds	*	155,698	20,131	20,131	5,518
SUBTOTAL		1,252,644	306,934	306,934	1,070,085
TRIS POLLUTANTS (4)					
Aluminum and Compounds		N/A	N/A	N/A	2,000
Aluminum Oxide		N/A	N/A	N/A	45,175
Ammonia		N/A	N/A	N/A	650,699
Ammonia Nitrate		N/A	N/A	N/A	1,209,315
Ammonia Sulfate		N/A	N/A	N/A	3,027,327
Beryllium and Compounds	*	N/A	N/A	N/A	3

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
ELECTRICAL AND ELECTRONIC COMPONENTS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Chlorine and Adducts		N/A	N/A	N/A	11,907
Cobalt		N/A	N/A	N/A	500
Ethylene Glycol		N/A	N/A	N/A	204,500
Freon 113		N/A	N/A	N/A	20,104
Glycol Ethers		N/A	N/A	N/A	903,980
Hydrochloric Acid		N/A	N/A	N/A	1,390,892
Hydrogen Flourides		N/A	N/A	N/A	203,545
Hydroquinone		N/A	N/A	N/A	3
Isopropyl Alcohol		N/A	N/A	N/A	15,556
Manganese and Compounds		N/A	N/A	N/A	1,641
Nitric Acid		N/A	N/A	N/A	857,378
Phosphoric Acid		N/A	N/A	N/A	220,742
Sulfuric Acid		N/A	N/A	N/A	4,458,673
Thallium		N/A	N/A	N/A	6
	SUBTOTAL	0	0	0	13,223,946
	TOTAL	1,252,644	306,934	306,934	14,294,031

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
ELECTROPLATING AND METAL FINISHING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr (1))			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	2,451,487	1,106	39,106	9,064
1,1,2,2-Tetrachloroethane		384	38	38	N/A
1,1,2-Trichloroethane	*	9,529	953	953	N/A
1,1-Dichloroethylene	*	19,169	1,917	1,917	N/A
1,1-Dichloroethane	*	4,455	446	446	N/A
1,2,4-Trichlorobenzene	*	0	0	0	18,405
1,2-Dichloroethane	*	69,676	6,968	6,968	N/A
2,4,6-Trichlorophenol	*	102,159	10,216	10,216	N/A
2,4-Dichlorophenol	*	1,613	161	161	N/A
2,4-Dimethylphenol	*	567,678	56,765	56,765	N/A
2-Chloronaphthalene		9,985	999	999	N/A
Acetone		N/A	N/A	N/A	16,500
Arsenic & Compounds	*	5,620	5,620	5,620	N/A
Barium and Compounds		N/A	N/A	N/A	3,870
Benzene	*	97,546	1,561	1,561	N/A
Bis(2-Chloroethoxy)Methane	*	230	23	23	N/A
Bis(2-Chloroethyl)Ether	*	538	54	54	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	91,775	5,874	5,874	N/A
Butanol		N/A	N/A	N/A	4,500
Butyl Benzyl Phthalate	*	5,279	4,485	4,485	N/A
Cadmium & Compounds	*	491,886	13,401	13,401	7,948
Carbon Tetrachloride	*	21,819	2,182	2,182	N/A
Chlorobenzene	*	538	54	54	N/A
Chloroform	*	1,955	196	196	N/A
Chromium & Compounds	*	48,047,798	653,771	653,771	151,066
Copper & Compounds	*	21,945,372	995,667	995,667	53,738
Cyanide	*	17,293,017	314,024	314,024	74,081
Diethyl Phthalate		24,025	2,421	2,421	250
Dimethyl Phthalate		24,357	2,436	2,436	N/A
Di-N-Butyl Phthalate		48,113	3,821	3,821	N/A
Di-N-Octyl Phthalate	*	374	34	34	N/A
Ethylbenzene	*	3,960	396	396	N/A
Formaldehyde		N/A	N/A	N/A	138,083
Lead & Compounds	*	577,585	67,846	67,846	8,913
Mercury & Compounds	*	21	21	21	N/A
Methanol		N/A	N/A	N/A	23,750
Methyl Ethyl Ketone		N/A	N/A	N/A	3,852
Methyl Isobutyl Ketone		N/A	N/A	N/A	2
Methylene Chloride	*	341,915	5,466	5,466	9,816
Naphthalene	*	45,040	4,504	4,504	N/A
Nickel & Compounds	*	26,884,237	1,156,297	1,156,297	122,174
Nitrobenzene	*	307	31	31	N/A
Pentachlorophenol	*	1,216,865	121,687	121,687	N/A
Phenol	*	22,241	2,222	2,222	N/A
p-Chloro-m-Cresol	*	766,586	76,659	76,659	N/A
Selenium	*	0	0	0	250
Silver & Compounds	*	40,500	30,870	30,870	1,047
Tetrachloroethylene	*	829,144	13,266	13,266	1,184
Toluene	*	146,686	2,343	2,343	10,189
Trans-1,2-Dichloroethylene	*	6,438	645	645	N/A
Trichloroethylene	*	1,073,010	17,007	17,007	22,771
Xylene(all iso)		N/A	N/A	N/A	12,255

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
ELECTROPLATING AND METAL FINISHING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Zinc & Compounds		21,731,422	531,826	531,826	199,528
SUBTOTAL		145,022,334	4,154,279	4,154,279	893,236
TRIS POLLUTANTS (4)					
Aluminum and Compounds	N/A	N/A	N/A	N/A	750
Aluminum Oxide	N/A	N/A	N/A	N/A	1,450,830
Ammonia	N/A	N/A	N/A	N/A	320,290
Ammonia Sulfate	N/A	N/A	N/A	N/A	356,135
Antimony Compounds	N/A	N/A	N/A	N/A	251
Chlorine and Adducts	N/A	N/A	N/A	N/A	299,425
Cobalt and Compounds	N/A	N/A	N/A	N/A	4,400
Diethanolamine	N/A	N/A	N/A	N/A	75,000
Ethylene Glycol	N/A	N/A	N/A	N/A	407,216
Glycol Ethers	N/A	N/A	N/A	N/A	248,116
Hydrochloric acid	N/A	N/A	N/A	N/A	6,470,042
Hydrogen Cyanide	N/A	N/A	N/A	N/A	250
Hydrogen Flourides	N/A	N/A	N/A	N/A	51,362
Manganese and Compounds	N/A	N/A	N/A	N/A	19,495
Nitritotriacetic Acid	N/A	N/A	N/A	N/A	250
Nitric Acid	N/A	N/A	N/A	N/A	1,373,997
Phosphoric Acid	N/A	N/A	N/A	N/A	1,191,955
Phosphorus	N/A	N/A	N/A	N/A	250
Sec-Butyl Alcohol	N/A	N/A	N/A	N/A	2,200
Sulfuric Acid	N/A	N/A	N/A	N/A	6,960,940
Tert-Butyl Alcohol	N/A	N/A	N/A	N/A	7,000
Miscellaneous					250
SUBTOTAL		0	0	0	19,240,404
TOTAL		145,022,334	4,154,279	4,154,279	20,133,640

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
EQUIPMENT MANUFACTURE AND ASSEMBLY CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,2-Dichlorobenzene	*	N/A	N/A	N/A	14
1,1,1-Trichloroethane	*	8,420,041	8,420,041	8,420,041	61,104
Acetone		N/A	N/A	N/A	885,554
Acrylonitrile	*	N/A	N/A	N/A	5
Antimony & Compounds	*	N/A	N/A	N/A	1,283
Barium & Compounds		N/A	N/A	N/A	91,684
Benzene	*	336,802	336,802	336,802	3,003
Butanol		N/A	N/A	N/A	22,509
Butyl Benzyl Phthalate	*	N/A	N/A	N/A	3,000
Cadmium & Compounds	*	N/A	N/A	N/A	2,220
Chlorobenzene		N/A	N/A	N/A	16
Chloroform	*	N/A	N/A	N/A	1,709
Chloromethane		N/A	N/A	N/A	250
Chromium & Compounds	*	N/A	N/A	N/A	203,659
Copper & Compounds	*	N/A	N/A	N/A	141,638
Cyanide & Compounds	*	N/A	N/A	N/A	33,980
Cyclohexane		N/A	N/A	N/A	1,328
Diethyl Phthalate		N/A	N/A	N/A	2,397
Dimethyl Phthalate		N/A	N/A	N/A	250
Ethylbenzene	*	N/A	N/A	N/A	7,519
Ethylene Oxide		N/A	N/A	N/A	60,885
Formaldehyde		N/A	N/A	N/A	81,212
Hexachloroethane	*	N/A	N/A	N/A	250
Lead & Compounds	*	N/A	N/A	N/A	32,573
Methanol		N/A	N/A	N/A	1,539,389
Methyl Ethyl Ketone		N/A	N/A	N/A	172,056
Methyl Isobutyl Ketone		N/A	N/A	N/A	58,537
Methylene Chloride	*	1,178,806	1,178,806	1,178,806	1,130,618
Naphthalene	*	N/A	N/A	N/A	1,789
Nickel & Compounds	*	N/A	N/A	N/A	484,074
Phenol	*	N/A	N/A	N/A	10,893
Selenium	*	N/A	N/A	N/A	250
Silver & Compounds	*	N/A	N/A	N/A	2,885
Styrene		N/A	N/A	N/A	18,250
Tetrachloroethylene	*	2,862,814	2,862,814	2,862,814	3,409
Thiourea		N/A	N/A	N/A	2,420
Toluene	*	505,202	505,202	505,202	29,406
Trichloroethylene	*	3,704,817	3,704,817	3,704,817	8,456
Vinyl Chloride		N/A	N/A	N/A	250
Xylene(all iso)		N/A	N/A	N/A	70,005
Zinc & Compounds	*	N/A	N/A	N/A	136,439
SUBTOTAL		17,008,482	17,008,482	17,008,482	5,307,168
TRIS POLLUTANTS (4)					
2-Ethoxyethanol		N/A	N/A	N/A	26,225
2-Methoxyethanol		N/A	N/A	N/A	2,110
2-Phenylphenol		N/A	N/A	N/A	750
Aluminum & Compounds		N/A	N/A	N/A	2,668
Aluminum Oxide		N/A	N/A	N/A	256,401
Ammonia		N/A	N/A	N/A	447,872
Ammonia Sulfate		N/A	N/A	N/A	877,660

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
EQUIPMENT MANUFACTURE AND ASSEMBLY CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Asbestos	*	N/A	N/A	N/A	240
Beryllium and Compounds	*	N/A	N/A	N/A	4
Butyl Acrylate		N/A	N/A	N/A	12
Chlorine and Adducts		N/A	N/A	N/A	110,712
Chloroacetic acid		N/A	N/A	N/A	91
Cobalt and Compounds		N/A	N/A	N/A	9,613
Di(2-ethylhexyl) Phthalate		N/A	N/A	N/A	250
Diethanolamine		N/A	N/A	N/A	476,666
N-Dioctyl Phthalate	*	N/A	N/A	N/A	250
Ethyl Acrylate		N/A	N/A	N/A	21
Ethylene Glycol		N/A	N/A	N/A	2,835,457
Freon 113		N/A	N/A	N/A	48,109
Glycol Ethers		N/A	N/A	N/A	2,801,312
Hydrochloric Acid		N/A	N/A	N/A	2,229,689
Hydrogen Flourides		N/A	N/A	N/A	344,838
Hydroquinone		N/A	N/A	N/A	97,080
Inorganic Salt		N/A	N/A	N/A	2,230
Isopropyl Alcohol		N/A	N/A	N/A	750
Manganese & Compounds		N/A	N/A	N/A	14,988
Methyl Methacrylate		N/A	N/A	N/A	79
Methylenebis(phenylisocyanate)		N/A	N/A	N/A	500
Methyl-t-butyl Ether		N/A	N/A	N/A	1,500
Nitric Acid		N/A	N/A	N/A	1,727,840
Nitrilotriacetic acid		N/A	N/A	N/A	250
Nitroglycerin		N/A	N/A	N/A	53
Phosphoric Acid		N/A	N/A	N/A	1,843,807
Phosphorus		N/A	N/A	N/A	145
Propylene Oxide		N/A	N/A	N/A	21,000
Sulfuric Acid		N/A	N/A	N/A	7,574,512
Urethane		N/A	N/A	N/A	250
Vinylidene Chloride		N/A	N/A	N/A	17
SUBTOTAL		0	0	0	21,755,951
TOTAL		17,008,482	17,008,482	17,008,482	27,063,119

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
EXPLOSIVES MANUFACTURE CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	N/A	N/A	N/A	1
Copper & Compounds	*	2	2	2	270
Cyanide	*	2	2	2	N/A
Lead & Compounds	*	77	77	77	40
Nickel & Compounds	*	2	2	2	N/A
Phenol	*	3	3	3	N/A
Zinc & Compounds	*	40	40	40	N/A
SUBTOTAL		126	126	126	311
TRIS POLLUTANTS (4)					
Aluminum & Compounds		N/A	N/A	N/A	3
Ammonia Sulfate		N/A	N/A	N/A	75,340
SUBTOTAL		0	0	0	75,343
TOTAL		126	126	126	75,654

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE FERTILIZER MANUFACTURE CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,1,1-Trichloroethane	*	N/A	250
1,2,4-Trimethylbenzene		N/A	12,771
1,1,2,2-Tetrachloroethylene		N/A	250
1,2-Dichlorobenzene	*	N/A	20
3,3'-Dichlorobenzidine	*	N/A	5
Acetone		N/A	113,766
Acetonitrile		N/A	250
Acrylamide		N/A	250
Acrylic Acid		N/A	250
Acrylonitrile	*	N/A	15
Aluminum Oxide		N/A	2,785,384
Ammonia		N/A	903,475
Ammonium Nitrate		N/A	3,785,760
Ammonium Sulfate		N/A	32,819,250
Antimony And Compounds	*	N/A	15,652
Barium & Compounds		N/A	100,209,010
Bis(2-Chloroethyl)Ether	*	N/A	5,110
Bis(2-Ethylhexyl)Apidate		N/A	17,000
Butanol		N/A	250
Butyl Benzyl Phthalate	*	N/A	2
Cadmium & Compounds	*	N/A	300
Carbon Disulfide		N/A	500
Carbon Terachloride		N/A	660
Chlorine		N/A	380
Chloroform		N/A	475
Chromium & Compounds	*	N/A	20,713
Cobalt & Compounds		N/A	2,656
Copper & Compounds	*	N/A	118,343
Cumene Hydroperoxide		N/A	250
Dibutyl Phthalate		N/A	5,900
Diethanolamine		N/A	2,510
Epichlorohydrin		N/A	250
Ethylene Glycol		N/A	1,291
Formaldehyde		N/A	4,833
Glycol Ethers		N/A	3,950
Hydrochloric Acid		N/A	277,954
Hydrogen Fluoride		N/A	30,350
Lead & Compounds	*	N/A	1,533
Maleic Anhydride		N/A	2,300
Manganese & Compounds		N/A	2,438
Mercury Compounds	*	N/A	250
Methanol		N/A	831,132
Methyl Ethyl Ketone		N/A	250
Methylene Bromide		N/A	2,347
Methylene Chloride		N/A	5,705
Molybdenum & Compounds		N/A	30,214
Nickle & Compounds	*	N/A	25,855
Nitric Acid		N/A	28,400
Phenol	*	N/A	3,354
Phosphoric Acid		N/A	41,325
Silver Compounds	*	N/A	250
Styrene		N/A	240
Sulfuric Acid		N/A	928,099

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
 BY THE FERTILIZER MANUFACTURE CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Tert-Butyl Alcohol		N/A	56,000
Tetrachloroethylene		N/A	250
Toluene	*	N/A	1,000
Xylene		N/A	250
Zinc & Compounds	*	N/A	389,623
TOTAL			143,490,850

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE FOOD, FOOD BY-PRODUCTS CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,2-Dichloroethane	*	N/A	250
Acetaldehyde		N/A	22,183
Acetone		N/A	15,218
Aluminum Oxide		N/A	950
Ammonia		N/A	3,267,487
Ammonium Sulfate		N/A	13,952,043
Chlorine		N/A	916,746
Chlorine Dioxide		N/A	250
Chromium	*	N/A	250
Copper And Cpds	*	N/A	1,524
Dichloromethane	*	N/A	24,994
Ethylene Glycol		N/A	3,077,277
Ethylene Oxide		N/A	84,574
Formaldehyde		N/A	150,000
Glycol Ethers		N/A	90,490
Hydrochloric Acid		N/A	2,506,288
Manganese Compounds		N/A	1,102
Methanol		N/A	280,250
Methyl Isobutyl Ketone		N/A	13,640
Misc.		N/A	27,888
Nickel And Cpds	*	N/A	6,820
Nitric Acid		N/A	2,437,632
Phosphoric Acid		N/A	6,927,469
Propylene Oxide		N/A	9,062
Selenium	*	N/A	250
Sulfuric Acid		N/A	4,406,591
Vinyl Acetate		N/A	250
Zinc And Compounds	*	N/A	33,140
TOTAL			38,254,618

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
GUM AND WOOD CHEMICALS AND RELATED OILS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	490	490	490	N/A
Acetone		N/A	N/A	N/A	18,900
Arsenic & Compounds	*	125	125	125	N/A
Benzene	*	597	597	597	N/A
Bis(2-ethylhexyl)Phthlate	*	1,015	1,015	1,015	N/A
Carbon Disulfide		N/A	N/A	N/A	10,680
Chloroform	*	1,612	1,612	1,612	N/A
Chromium & Compounds	*	233	233	233	N/A
Copper & Compounds	*	12,003	12,003	12,003	N/A
Cumene		N/A	N/A	N/A	14,900
Epichlorohydrin		N/A	N/A	N/A	1,120
Ethyl Benzene	*	50,640	50,640	50,640	N/A
Lead & Compounds	*	137	137	137	N/A
Methanol		N/A	N/A	N/A	17,500
Methyl Isobutyl Ketone		N/A	N/A	N/A	47,700
Methylene Chloride	*	15,407	15,407	15,407	N/A
Nickel & Compounds	*	2,866	2,866	2,866	N/A
Phenol	*	16,482	16,482	16,482	N/A
Selenium & Compounds	*	12	12	12	N/A
Toluene	*	26,156	26,156	26,156	N/A
Xylene(all iso)		N/A	N/A	N/A	85,505
Zinc & Compounds	*	78,288	78,288	78,288	N/A
SUBTOTAL		206,063	206,063	206,063	196,305
TRIS POLLUTANTS (4)					
Allyl Chloride		N/A	N/A	N/A	14,400
Biphenyl		N/A	N/A	N/A	93,373
Chlorine and Adducts		N/A	N/A	N/A	13
Maleic Anhydride		N/A	N/A	N/A	260
Phosphoric Acid		N/A	N/A	N/A	29,000
SUBTOTAL		0	0	0	137,046
TOTAL		206,063	206,063	206,063	333,351

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
INK MANUFACTURE AND FORMULATION CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
=====					
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	3	3	3	500
Acetone		N/A	N/A	N/A	250
Antimony and Compounds	*	3	3	3	N/A
Barium and Compounds		N/A	N/A	N/A	11,000
Benzene	*	6	6	6	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	283	283	283	N/A
Cadmium & Compounds	*	1	1	1	N/A
Chlorobenzene	*	1	1	1	N/A
Chromium & Compounds	*	1,391	1,391	1,391	250
Copper & Compounds	*	837	837	837	7,039
Cumene		N/A	N/A	N/A	500
Cyanide	*	6	6	6	N/A
Cyclohexane		N/A	N/A	N/A	15
Di-N-Butyl Phthalate	*	3	3	3	N/A
Di-N-Octyl Phthalate	*	2	2	2	N/A
Ethylbenzene	*	16	16	16	N/A
Lead & Compounds	*	5,692	5,692	5,692	250
Methylene Chloride	*	21	21	21	500
Mercury & Compounds	*	4	4	4	N/A
Nickel & Compounds	*	2	2	2	N/A
Pentachlorophenol	*	1	1	1	N/A
Phenol		1	1	1	
Tetrachloroethylene	*	20	20	20	N/A
Toluene	*	52	52	52	310
Trichloroethylene	*	20	20	20	N/A
Xylene(all iso)		N/A	N/A	N/A	502
Zinc & Compounds	*	145	145	145	N/A
Other Toxic Organics		7	7	7	
		-----	-----	-----	-----
SUBTOTAL		8,517	8,517	8,517	21,116
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	500
Ammonia		N/A	N/A	N/A	2,500
Cobalt Compounds		N/A	N/A	N/A	500
Ethylene Glycol		N/A	N/A	N/A	520
Glycol Ethers		N/A	N/A	N/A	1,650
Hydrochloric Acid		N/A	N/A	N/A	305,600
Nitric Acid		N/A	N/A	N/A	21,575
		-----	-----	-----	-----
SUBTOTAL		0	0	0	332845
TOTAL		8,509	8,509	8,509	353,961

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
INORGANIC CHEMICALS MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,2,4-Trichlorobenzene	*	0	0	0	140
Acetone		N/A	N/A	N/A	7,958
Acrylonitrile	*	N/A	N/A	N/A	750
Antimony & Compounds	*	61,726	61,726	61,726	N/A
Arsenic & Compounds	*	708	708	708	N/A
Benzyl Chloride		N/A	N/A	N/A	180
Butanol		N/A	N/A	N/A	250
Cadmium & Compounds	*	46,892	11,733	11,733	N/A
Chloroform	*	0	0	0	250
Chromium & Compounds	*	1,694,072	74,391	74,391	3
Copper & Compounds	*	106,921	78,697	78,697	1,100
Cyanide	*	56,095	56,095	56,095	2,250
Di-N-butyl Phthalate	*	N/A	N/A	N/A	43
Lead & Compounds	*	423,630	20,314	20,314	N/A
Mercury & Compounds	*	9,459	425	425	34
Methanol		N/A	N/A	N/A	60,998
Methyl Ethyl Ketone		N/A	N/A	N/A	250
Methylene Chloride	*	0	0	0	750
Nickel & Compounds	*	27,609	2,472	2,472	1
Selenium & Compounds	*	1,023	110	110	N/A
Silver & Compounds	*	53	53	53	N/A
Tetrachloroethylene		0	0	0	15
Toluene	*	0	0	0	290
Trichloroethylene		0	0	0	250
Xylene(all iso)		N/A	N/A	N/A	250
Zinc & Compounds	*	546,566	15,387	15,387	253
SUBTOTAL		2,974,754	322,111	322,111	76,015
TRIS POLLUTANTS (4)					
Acrylic Acid		N/A	N/A	N/A	4
Aluminum Oxide		N/A	N/A	N/A	2,200
Ammonia		N/A	N/A	N/A	671,250
Ammonia Sulfate		N/A	N/A	N/A	3,911,971
Chlorine & Adducts		N/A	N/A	N/A	36,292
Chlorine Dioxide		N/A	N/A	N/A	250
Ethyl Acrylate		N/A	N/A	N/A	5
Ethylene Glycol		N/A	N/A	N/A	6,810
Glycol Ethers		N/A	N/A	N/A	1,000
Hexachlorocyclopentadiene		N/A	N/A	N/A	51
Hydrochloric Acid		N/A	N/A	N/A	1,936
Hydroquinone		N/A	N/A	N/A	280
Manganese & Compounds		N/A	N/A	N/A	620
Methyl Methacrylate		N/A	N/A	N/A	35,000
Nitric Acid		N/A	N/A	N/A	250
Organic Nitrile		N/A	N/A	N/A	5,681
Phosphoric Acid		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	41,610
Vinyl Acetate		N/A	N/A	N/A	106
SUBTOTAL		0	0	0	4,715,566

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
 INORGANIC CHEMICALS MANUFACTURING CATEGORY
 DSS(lbs/yr) (1)

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
TOTAL		2,974,754	322,111	322,111	4,791,581

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
IRON AND STEEL MANUFACTURING AND FORMING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	28	28	28	36,164
2,4,6-Trichlorophenol	*	1,542	498	498	N/A
1,1-Dichloroethane	*	5	5	5	N/A
2,4-Dichlorophenol	*	3,025	35	35	N/A
2,4-Dimethylphenol	*	107,689	9,950	9,950	N/A
Antimony & Compounds	*	21,793	5,235	5,235	N/A
Anthracene	*	N/A	N/A	N/A	13
Arsenic & Compounds	*	56,276	14,235	14,235	N/A
Benzene	*	540,015	99,138	99,138	14,729
Butyl Benzyl Phthalate	*	832	0	0	N/A
Cadmium & Compounds	*	46,690	843	843	70
Chloroform	*	5,695	2,098	2,098	N/A
Chromium & Compounds	*	1,688,112	11,250	11,250	20,918
Copper & Compounds	*	1,848,514	5,662	5,662	7,487
Cyanide	*	1,734,835	159,072	159,072	914,698
Ethylbenzene	*	46,288	7,932	7,932	N/A
Formaldehyde	*	N/A	N/A	N/A	4,800
Lead & Compounds	*	2,588,733	7,990	7,990	10,843
Mercury & Compounds	*	422	8	8	N/A
Methyl Ethyl Ketone	*	N/A	N/A	N/A	27
Naphthalene	*	463,515	49,575	49,575	1,252
Nickel & Compounds	*	2,488,303	14,425	14,425	26,247
Pentachlorophenol	*	2,424	798	798	N/A
Phenol	*	4,417,700	297,520	297,520	611,887
p-Chloro-m-Cresol	*	9,258	1,488	1,488	N/A
Selenium & Compounds	*	14,600	1,202	1,202	N/A
Silver & Compounds	*	2,720	345	345	N/A
Tetrachloroethylene	*	15	15	15	N/A
Toluene	*	385,730	49,572	49,572	1,752
Trichloroethylene	*	1,612	1,608	1,608	N/A
Xylene(all iso)	*	N/A	N/A	N/A	1,343
Zinc & Compounds	*	11,257,861	21,110	21,110	18,641
Other Toxic Organics		225,084	39,640	39,640	
SUBTOTAL		27,959,316	801,277	801,277	1,670,871
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	250
Aluminum and Compounds		N/A	N/A	N/A	500
Aluminum Oxide		N/A	N/A	N/A	232,906
Ammonia		N/A	N/A	N/A	1,192,376
Ammonia Nitrate		N/A	N/A	N/A	3,064
Ammonia Sulfate		N/A	N/A	N/A	323,160
Chlorine and Adducts		N/A	N/A	N/A	1,907
Cobalt		N/A	N/A	N/A	2,830
Ethylene Glycol		N/A	N/A	N/A	168,346
Glycol Ethers		N/A	N/A	N/A	35,000
Hydrochloric acid		N/A	N/A	N/A	1,715,978
Hydrogen Flourides		N/A	N/A	N/A	3,327
Manganese & Compounds		N/A	N/A	N/A	78,028
Methylenebis(phenylisocyanate)		N/A	N/A	N/A	250
Molybdenum & Compounds		N/A	N/A	N/A	250

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
IRON AND STEEL MANUFACTURING AND FORMING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Nitric Acid		N/A	N/A	N/A	13,863
Phosphoric Acid		N/A	N/A	N/A	58,546
Polychlorinated Biphenyls	*	N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	11,953,395
SUBTOTAL		0	0	0	15,784,226
TOTAL		27,734,232	761,637	761,634	17,455,097

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
LABS & HOSPITALS CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Acetone		N/A	250
Acetonitrile		N/A	7,800
Copper And Compounds	*	N/A	12
Dibutyl Phthalate		N/A	250
Ethylene Glycol		N/A	12,000
Formaldehyde		N/A	93,000
Methanol		N/A	220
Methylene Chloride		N/A	250
Methyl Isobutyl Ketone		N/A	250
Sulfuric Acid		N/A	250
Toluene	*	N/A	250
TOTAL			114,532

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
LEATHER TANNING AND FINISHING CATEGORY

Hazardous Constituents Pollutant	Priority	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	114	102	102	N/A
1,1,2,2-Tetrachloroethane	*	43	43	43	N/A
1,1,2-Trichloroethane	*	9	8	8	N/A
1,2,4-Trichlorobenzene	*	13	11	11	N/A
1,2-Dichlorobenzene	*	16,674	13,239	13,239	N/A
1,1-Dichloroethylene	*	3	3	3	N/A
1,2-Dichloroethane	*	151	151	151	N/A
1,3-Dichlorobenzene	*	164	115	115	N/A
1,4-Dichlorobenzene	*	3,565	2,800	2,800	N/A
2,4,6-Trichlorophenol	*	59,663	45,318	45,318	N/A
2,4-Dichlorophenol	*	132	110	110	N/A
2,4-Dimethylphenol	*	739	664	664	N/A
2-Chloronaphthalene	*	5	4	4	N/A
Acetone		N/A	N/A	N/A	42,234
Benzene	*	518	369	369	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	4,189	3,421	3,421	N/A
Butanol		N/A	N/A	N/A	6,400
Cadmium & Compounds	*	227	169	169	N/A
Chlorobenzene	*	1	1	1	N/A
Chloroform	*	298	251	251	N/A
Chromium & Compounds	*	11,151,726	757,899	757,899	598,538
Copper & Compounds	*	9,051	7,462	7,462	N/A
Diethyl Phthalate		32	29	29	N/A
Dimethyl Phthalate		6,629	5,241	5,241	N/A
Di-N-Butyl Phthlate	*	81	72	72	N/A
Ethyl Benzene	*	9,745	8,000	8,000	N/A
Formaldehyde		N/A	N/A	N/A	750
Lead & Compounds	*	78,896	63,270	63,270	N/A
Mercury & Compounds	*	34	24	24	N/A
Methyl Ethyl Ketone		N/A	N/A	N/A	500
Methyl Isobutyl Ketone		N/A	N/A	N/A	1,140
Methylene Chloride	*	291	271	271	N/A
Naphthalene	*	13,534	10,083	10,083	N/A
Nickel & Compounds	*	6,286	5,057	5,057	N/A
Nitrobenzene	*	23,869	18,872	18,872	N/A
Pentachlorophenol	*	17,051	12,137	12,137	N/A
Phenol	*	288,341	227,278	227,278	1,954
Tetrachloroethylene	*	6,420	5,116	5,116	N/A
Toluene	*	7,294	5,861	5,861	750
Trans-1,2-Dichloroethylene	*	1,803	1,445	1,445	N/A
Trichloroethylene	*	1,273	1,029	1,029	N/A
Xylene(all iso)		N/A	N/A	N/A	4,150
Zinc & Compounds	*	41,868	33,360	33,360	N/A
SUBTOTAL		11,750,732	1,229,285	1,229,285	656,416
TRIS POLLUTANTS (4)					
2-Ethoxyethanol		N/A	N/A	N/A	750
2-Methoxyethanol		N/A	N/A	N/A	12,250
Ammonia		N/A	N/A	N/A	524,210
Ammonia Sulfate		N/A	N/A	N/A	4,939,709
Glycol Ethers		N/A	N/A	N/A	55,198

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
LEATHER TANNING AND FINISHING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Manganese and Compounds	N/A	N/A	N/A	N/A	41,000
Phosphoric Acid	N/A	N/A	N/A	N/A	32,829
Sulfuric Acid	N/A	N/A	N/A	N/A	6,243,636
SUBTOTAL		0	0	0	11,849,582
TOTAL		11,750,732	1,229,285	1,229,285	12,505,998

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE MISCELLANEOUS CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,1,1-Trichloroethane	*	N/A	6,828
1,2,4-Trichlorobenzene	*	N/A	61,666
1,2,4-Trimethylbenzene		N/A	8
1,2-Butylene Oxide		N/A	256,993
1,2-Dichlorobenzene	*	N/A	28,404
1,4-Dioxane		N/A	94,641
2,4-D		N/A	7,700
2-Ethoxyethanol		N/A	16,105
2-Methoxyethanol		N/A	750
2-Nitropropane		N/A	3,000
4,4'-Isopropylidenediphenol		N/A	26,000
4,4'-Methylenedianiline		N/A	750
Acetaldehyde		N/A	49,000
Acetone		N/A	117,840
Acetonitrile		N/A	250
Acrylamide		N/A	500
Acrylic Acid		N/A	5,800
Acrylonitrile	*	N/A	103
Aliphatic Hydrocarbon		N/A	750
Aluminum		N/A	2,239
Aluminum Oxide		N/A	638,845
Ammonia		N/A	2,257,111
Ammonium Nitrate		N/A	84,097
Ammonium Sulfate		N/A	77,874,120
Aniline		N/A	649,792
Anthracene	*	N/A	91
Antimony & Compounds	*	N/A	24,957
Aromatic Ester		N/A	250
Asbestos	*	N/A	12,000
Barium and Compounds		N/A	72,499
Benzene	*	N/A	1,699
Benzoyl Peroxide		N/A	251
Biphenyl		N/A	718,054
Butanol		N/A	1,315,739
Butyl Acrylate		N/A	10,500
Butyl Benzyl Phthalate	*	N/A	37
Butyraldehyde		N/A	370,000
Cadmium & Compounds	*	N/A	2,939
Carbon Disulfide		N/A	132,258
Chlorine and Adducts		N/A	821,552
Chlorine Dioxide		N/A	1,400
Chloroform		N/A	250
Chromium & Compounds	*	N/A	557,635
Cobalt		N/A	9,616
Copper & Compounds	*	N/A	44,190
Cresol		N/A	95
Cumene		N/A	1
Cyanide	*	N/A	3,577
Cyclohexane		N/A	1
Decabromodiphenyl Oxide		N/A	1,250
Diaminotoluene		N/A	1
Dibutyl Phthalate		N/A	6,000
Diethanolamine		N/A	20,411

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE MISCELLANEOUS CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Dimethyl Phthalate		N/A	250
Di(2-Ethylhexyl)Phthalate		N/A	507
Di-N-Octyl Phthalate	*	N/A	250
Ethyl Acrylate		N/A	1,800
Ethylbenzene	*	N/A	501
Ethylene Glycol		N/A	2,365,456
Ethylene Oxide		N/A	35,268
Ethylene Thiourea		N/A	250
Formaldehyde		N/A	362,751
Freons		N/A	7,015
Glycol Ethers		N/A	117,300
Hydrochloric Acid		N/A	1,251,169
Hydroquinone		N/A	250
Isopropyl Alcohol		N/A	11,144
Lead & Compounds	*	N/A	81,286
Manganese and Compounds		N/A	32,466
Methanol		N/A	3,832,562
Methyl Acrylate		N/A	11,250
Methyl Ethyl Ketone		N/A	94,106
Methyl Isobutyl Ketone		N/A	43,280
Methyl Methacrylate		N/A	4,150
Methylene Chloride		N/A	4,598
Misc.		N/A	89,300
Naphthalene	*	N/A	86,846
Nickel & Compounds	*	N/A	8,039
Nitric Acid		N/A	1,199,446
Nitrilotriacetic Acid		N/A	273
Phenol	*	N/A	3,163
Phosphoric Acid		N/A	2,067,730
Phthalic Anhydride		N/A	250
Propylene Oxide		N/A	592
P-Phenylenediamine		N/A	818
sec-Butanol		N/A	2,571
Selenium & Compounds	*	N/A	1,250
Silver & Compounds	*	N/A	1
Styrene		N/A	23,754
Sulfuric Acid		N/A	4,530,650
Terephthalic Acid		N/A	23,245
Tetrachloroethylene		N/A	106,612
Thiourea		N/A	250
Toluene	*	N/A	71,063
Trichloroethylene		N/A	1,169
Vinyl Acetate		N/A	68,250
Xylene(all iso)		N/A	131,335
Zinc & Compounds	*	N/A	158,239
TOTAL			103,143,000

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
MISCELLANEOUS CHEMICAL FORMULATION CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,1,1-Trichloroethane	*	N/A	1,819
1,1,2,2-Tetrachloroethylene		N/A	150
1,2,4-Trichlorobenzene	*	N/A	250
1,2,4-Trimethylbenzene		N/A	17,650
1,2-Dichlorobenzene		N/A	11,430
1,2-Dichloroethane	*	N/A	39
2,4-Diaminoanisole		N/A	250
2,4-Diaminoanisole Sulfate		N/A	250
2,4-Dichlorophenol	*	N/A	6
2-Ethoxyethanol		N/A	2,901
2-Methoxyethanol		N/A	1
2-Phenylphenol		N/A	250
4,4-Methylenedianiline		N/A	2
Acetone		N/A	266,732
Acetonitrile		N/A	180,250
Acrylamide		N/A	1,122
Acrylic Acid		N/A	250
Acrylonitrile	*	N/A	20
Allyl Chloride		N/A	250
Aluminum		N/A	695
Aluminum Oxide		N/A	4145
Ammonia		N/A	134,234
Ammonium Nitrate		N/A	250
Ammonium Sulfate		N/A	651,953
Aniline		N/A	140059
Antimony And Cpds	*	N/A	298
Barium And Cpds		N/A	3,657
Benzene	*	N/A	220,069
Benzoyl Peroxide		N/A	250
Benzyl Chloride		N/A	696
Biphenyl		N/A	6,596
Bis(2-Chloroethyl) Ether	*	N/A	4,511
Butyl Benzyl Phthalate		N/A	250
Butanol		N/A	32,983
Carbon Disulfide		N/A	1,057
Chlorine		N/A	76
Chlorobenzene	*	N/A	4,603
Chloromethane	*	N/A	111
Chromium And Cpds	*	N/A	12,555
Cobalt		N/A	459
Copper And Cpds	*	N/A	2,137
Cumene		N/A	16,450
Cyanide And Cpds	*	N/A	4
Cyclohexane		N/A	2,100
Decabromodiphenyl Oxide		N/A	195
Dibutyl Phthalate		N/A	5
Diethanolamine		N/A	23,247
Diethyl Sulfate		N/A	250
Dimethyl Phthalate		N/A	250
Di(2-Ethylhexyl) Phthalate		N/A	250
Epichlorhydrin		N/A	504
Ethyl Benzene	*	N/A	515
Ethylene Glycol		N/A	441,499

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
MISCELLANEOUS CHEMICAL FORMULATION CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Ethylene Oxide		N/A	21,250
Ethylene Thiourea		N/A	250
Formaldehyde		N/A	27,715
Glycol Ethers		N/A	16,677
Hexachloroethane	*	N/A	10
Hydrazine		N/A	250
Hydrochloric Acid		N/A	72,693
Hydrogen Cyanide		N/A	4
Hydrogen Fluoride		N/A	250
Lead And Cpds	*	N/A	250
Manganese Compounds		N/A	58,321
Methanol		N/A	7,492,081
Methyl Ethyl Ketone		N/A	10,507
Methyl Isobutyl Ketone		N/A	2,327
Methylene Chloride		N/A	25,600
Naphthalene	*	N/A	3,480
Nickel And Cpds	*	N/A	17,021
Nitric Acid		N/A	1,322
N-Dioctyl Phthalate	*	N/A	250
Pentachlorophenol	*	N/A	250
Phenol	*	N/A	3,768
Phosphoric Acid		N/A	3,638
Propylene Oxide		N/A	1,450
Pyridine		N/A	250
P-Phenylenediamine		N/A	250
Silver And Cpds	*	N/A	250
Sulfuric Acid		N/A	9,641
Tetrachloroethylene		N/A	2,493
Toluene	*	N/A	175,869
Xylenes (3 Isomers)		N/A	17,995
Zinc And Cpds	*	N/A	15,745
Substituted Phenol		N/A	250
TOTAL			10,172,642

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
 BY THE MOTOR VEHICLE SERVICES CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Phosphoric Acid		N/A	1,500
Sulfuric Acid		N/A	19,500
TOTAL			21,000

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
NONFERROUS METALS FORMING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	N/A	N/A	N/A	24,252
Acetone		N/A	N/A	N/A	32,563
Antimony & Compounds	*	36	26	26	501
Arsenic & Compounds	*	56	56	56	2
Barium and Compounds		N/A	N/A	N/A	250
Cadmium & Compounds	*	1,921	151	151	288
Chromium & Compounds	*	244,810	453	453	60,532
Copper & Compounds	*	125,185	3,305	3,305	108,887
Cresol		N/A	N/A	N/A	277
Cyanide	*	2,657	328	328	9
Formaldehyde		N/A	N/A	N/A	1,627
Hydrazine		N/A	N/A	N/A	65
Lead & Compounds	*	11,916	740	740	20,811
Methanol		N/A	N/A	N/A	124,500
Methylene Chloride	*	N/A	N/A	N/A	250
Nickel & Compounds	*	184,771	2,393	2,393	67,619
Phenol	*	N/A	N/A	N/A	304
Selenium & Compounds	*	552	65	65	N/A
Silver & Compounds	*	23	18	18	1,379
Toluene	*	N/A	N/A	N/A	250
Trichloroethylene	*	N/A	N/A	N/A	1,080
Xylene(all iso)		N/A	N/A	N/A	250
Zinc & Compounds	*	131,133	4,218	4,218	76,333
SUBTOTAL		703,060	11,753	11,753	522,029
TRIS POLLUTANTS (4)					
Aluminum & Compounds		N/A	N/A	N/A	5,909
Aluminum Oxide		N/A	N/A	N/A	28,554
Ammonia		N/A	N/A	N/A	53,363
Ammonia Nitrate		N/A	N/A	N/A	152,772
Ammonia Sulfate		N/A	N/A	N/A	250,915
Chlorine and Adducts		N/A	N/A	N/A	510
Cobalt		N/A	N/A	N/A	254
Ethylene Glycol		N/A	N/A	N/A	24,500
Hydrochloric acid		N/A	N/A	N/A	111,392
Hydrogen Flourides		N/A	N/A	N/A	503
Manganese and Compounds		N/A	N/A	N/A	3,472
Molybdenum and Cpds		N/A	N/A	N/A	3,552
Nitric Acid		N/A	N/A	N/A	531,922
Phosphoric Acid		N/A	N/A	N/A	490,551
Sulfuric Acid		N/A	N/A	N/A	1,032,022
SUBTOTAL		0	0	0	2,690,191
TOTAL		703,060	11,753	11,753	3,212,220

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
NONFERROUS METALS MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
=====					
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	187	2	2	300
1,1,2-Trichloroethane	*	16	16	16	N/A
1,1-Dichloroethane	*	3	2	2	N/A
1,1-Dichloroethylene	*	66	66	66	N/A
1,2,4-Trichlorobenzene	*	4	4	4	N/A
1,2-Dichloroethane	*	22	20	20	N/A
1,3-Dichlorobenzene	*	1	1	1	N/A
1,4-Dichlorobenzene	*	2	2	2	N/A
2,4,6-Trichlorophenol	*	1,188	23	23	N/A
2,4-Dichlorophenol	*	719	30	30	N/A
Antimony & Compounds	*	15,508	516	516	16,415
Arsenic & Compounds	*	22,244	594	594	3,991
Barium and Compounds	*	628	406	406	250
Benzene	*	19	19	19	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	4,753	697	697	N/A
Butanol	*	N/A	N/A	N/A	9,800
Butyl Benzyl Phthalate	*	289	39	39	N/A
Cadmium & Compounds	*	30,991	102	102	762
Carbon Tetrachloride	*	68	65	65	N/A
Chlorobenzene	*	12	9	9	N/A
Chloroform	*	226	219	219	N/A
Chromium & Compounds	*	15,894	135	135	2,535
Copper & Compounds	*	17,376	742	742	11,386
Cyanide	*	401	401	401	17
Diethyl Phthalate	*	7	7	7	N/A
Dimethyl Phthalate	*	45	45	45	N/A
Di-N-Butyl Phthalate	*	75	75	75	N/A
Di-N-Octyl Phthalate	*	34	34	34	N/A
Ethyl Benzene	*	7	7	7	N/A
Formaldehyde	*	N/A	N/A	N/A	250
Hexachloroethane	*	183	183	183	N/A
Lead & Compounds	*	146,949	198	198	8,471
Mercury & Compounds	*	63	12	12	N/A
Methylene Chloride	*	718	685	685	N/A
Naphthalene	*	1,037	167	167	242
Nickel & Compounds	*	17,665	385	385	3,464
Nitrobenzene	*	3	3	3	N/A
PCB	*	6	6	6	N/A
Pentachlorophenol	*	11	0	0	N/A
Phenol	*	9,253	57	57	250
p-Chloro-m-Cresol	*	1,131	55	55	N/A
Selenium & Compounds	*	1,270	76	76	N/A
Silver & Compounds	*	250	110	110	571
Tetrachloroethylene	*	563	36	36	N/A
Toluene	*	8	8	8	N/A
Trans-1,2-Dichloroethylene	*	17	17	17	N/A
Tribromomethane	*	7	7	7	N/A
Trichloroethylene	*	50	47	47	24
Trichlorofluoromethane	*	1	1	1	N/A
Xylene	*	N/A	N/A	N/A	99
Zinc & Compounds	*	1,548,308	789	789	31,846

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
NONFERROUS METALS MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
SUBTOTAL		1,838,278	7,120	7,120	90,673
TRIS POLLUTANTS (4)					
Aluminum and Compounds		N/A	N/A	N/A	2,560
Aluminum Oxide		N/A	N/A	N/A	3,050
Ammonia		N/A	N/A	N/A	175,425
Ammonia Sulfate		N/A	N/A	N/A	925,000
Chlorine and Adducts		N/A	N/A	N/A	7,760
Cobalt		N/A	N/A	N/A	98
Compound Beta		N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	236,643
Glycol Ethers		N/A	N/A	N/A	23,144
Hydrochloric acid		N/A	N/A	N/A	2,059
Hydrogen Fluorides		N/A	N/A	N/A	752
Manganese & Compounds		N/A	N/A	N/A	2,723
Methylenebis(Phenylisocyanate)		N/A	N/A	N/A	250
Nitric Acid		N/A	N/A	N/A	1,210
Phosphoric Acid		N/A	N/A	N/A	42,100
Phosphorus		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	73,971
SUBTOTAL		0	0	0	1,497,245
TOTAL		1,838,278	7,120	7,120	1,587,918

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE ORGANIC CHEMICALS MANUFACTURING (ITD) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	328	315	175	2,710
1,1,2-Trichloroethane	*	173,245	157,540	141	N/A
1,1-Dichloroethane	*	18,202	16,475	361	N/A
1,1-Dichloroethylene	*	7,517	6,784	212	N/A
1,2,4-Trichlorobenzene	*	11,298	9,731	97	22,000
1,2-Dichlorobenzene	*	1,259	1,090	90	2,091
1,2-Dichloroethane	*	37,516	35,974	616	1,395,047
1,2-Dichloropropane	*	222,815	201,709	469	125,172
1,3-Dichlorobenzene	*	1,042	906	90	N/A
1,4-Dichlorobenzene	*	798	696	90	N/A
1,4-Dioxane		N/A	N/A	N/A	250
2,4,6-Trichlorophenol	*	209	196	119	N/A
2,4-Dichlorophenol	*	259	237	94	N/A
2,4-Dimethylphenol	*	1,428,163	1,224,205	158	3,103
2,4-Dinitrophenol	*	2,334	2,061	215	N/A
2-Chloronaphthalene		53	53	0	N/A
2-Chlorophenol	*	18,690	17,142	162	N/A
2-Nitrophenol	*	N/A	N/A	N/A	19,000
4-Nitrophenol	*	2,616,745	2,616,745	57	160,428
Acetaldehyde		N/A	N/A	N/A	5,437
Acetone		N/A	N/A	N/A	5,505,366
Acetonitrile		N/A	N/A	N/A	8,424
Acrolein	*	1,658,891	1,579,304	244	250
Acrylamide		N/A	N/A	N/A	6,800
Acrylic Acid		N/A	N/A	N/A	8,420
Acrylonitrile	*	311,381	292,320	211	593,253
Aniline		N/A	N/A	N/A	205,737
Antimony & Compounds	*	4,456	4,247	1,953	14,700
Anthracene	*	2,070	1,920	159	N/A
Arsenic & Compounds	*	3,195	2,960	376	251
Barium and Compounds		589	586	571	225,893
Benzene	*	363,019	352,533	594	49,320
Benzyl Chloride		N/A	N/A	N/A	10,650
Bis(2-Ethyl Hexyl)Phthalate	*	36,854	32,029	669	158,068
Butanol		N/A	N/A	N/A	1,339,746
Butyl Benzyl Phthalate	*	396	387	330	1,461
Cadmium & Compounds	*	4,499	4,185	906	1,833
Carbon Disulfide		N/A	N/A	N/A	624
Carbon Tetrachloride		38,278	34,633	120	269
Chlorobenzene	*	2,725	2,342	87	140,523
Chloroethane	*	16,936	15,173	111	N/A
Chloroform	*	13,156	12,487	393	51,701
Chloromethane	*	17,519	16,475	231	47,532
Chromium & Compounds	*	91,647	81,968	2,559	255,248
Copper & Compounds	*	518,784	468,962	1,784	53,119
Cresol		N/A	N/A	N/A	28,115
Cumene		N/A	N/A	N/A	151,600
Cyanide	*	1,852,332	1,764,303	320	353
Cyclohexane		N/A	N/A	N/A	1,297
Dichlorobenzenes		N/A	N/A	N/A	174,000
Diethyl Phthalate		1,676	1,502	404	251
Dimethyl Phthalate		1,125	1,006	235	496,782

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE ORGANIC CHEMICALS MANUFACTURING (ITD) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Di-N-Butyl Phthalate	*	272	269	246	16,189
Di-N-Octyl Phthalate	*	0	0	0	250
Epichlorohydrin		N/A	N/A	N/A	278
Ethylbenzene	*	256,189	246,519	394	18,734
Ethylene Oxide		N/A	N/A	N/A	33,584
Formaldehyde		N/A	N/A	N/A	1,738,338
Hexachlorobenzene	*	397	353	90	N/A
Hexachloro-1,3-Butadiene		0	0	0	300
Hydrazine		N/A	N/A	N/A	1,153
Lead & Compounds	*	205,176	178,137	749	1,775
Mercury & Compounds	*	56	53	14	1,325
Methanol		N/A	N/A	N/A	25,562,489
Methyl Ethyl Ketone		N/A	N/A	N/A	94,773
Methyl Isobutyl Ketone		N/A	N/A	N/A	87,208
Methylene Chloride	*	8,439	8,198	373	33,909
Naphthalene	*	73,291	71,142	462	65
Nickel & Compounds	*	10,191	9,675	1,196	87,542
Nitrobenzene	*	119,488	108,504	137	2,000
P-Phenylenediamine		N/A	N/A	N/A	2,900
Pentachlorophenol	*	117	116	75	N/A
Phenol	*	4,884,051	4,783,110	720	2,308,037
Phthalic Anhydride		N/A	N/A	N/A	17,450
Pyridine		N/A	N/A	N/A	42,082
Selenium & Compounds	*	78,345	71,249	1,573	610
sec-Butanol		N/A	N/A	N/A	7,700
Silver & Compounds	*	1,786	1,689	738	770
Styrene		N/A	N/A	N/A	232,076
tert-Butanol		N/A	N/A	N/A	1,535,800
Tetrachloroethylene	*	565	524	182	63,073
Toluene	*	779,123	767,668	1,350	1,430,203
Trans-1,2-Dichloroethylene		664	610	118	N/A
Trichloroethylene	*	11,193	10,303	190	93
Vinyl Chloride		13,411	13,033	242	N/A
Xylene(all iso)		N/A	N/A	N/A	638,338
Zinc & Compounds	*	72,734	71,410	2,819	101,625
Other Priority Organics	*	224,742	195,350	2,464	N/A
SUBTOTAL		16,220,231	15,499,093	29,535	45,327,493
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	12,000
1,3-Butadiene		N/A	N/A	N/A	9,750
2-Ethoxyethanol		N/A	N/A	N/A	2,946
2-Methoxyethanol		N/A	N/A	N/A	5,945
4,4'-Diaminodiphenyl ether		N/A	N/A	N/A	96
4,4'-Isopropylidenediphenol		N/A	N/A	N/A	4,600
4,4'-Methylenedianiline		N/A	N/A	N/A	6,147
Aluminum Oxide		N/A	N/A	N/A	5,218
Ammonia		N/A	N/A	N/A	807,893
Ammonia Nitrate		N/A	N/A	N/A	1,681,864
Ammonia Sulfate		N/A	N/A	N/A	33,757,128
Benzoyl Peroxide		N/A	N/A	N/A	67,136
Bis(2-Ethyl Hexyl)Adipate		N/A	N/A	N/A	25,319

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
ORGANIC CHEMICALS MANUFACTURING (ITD) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Butyl Acrylate		N/A	N/A	N/A	2,025
Butyraldehyde		N/A	N/A	N/A	1,213
Catechol		N/A	N/A	N/A	1,000
Chlorine and Adducts		N/A	N/A	N/A	151,273
Chloroacetic Acid		N/A	N/A	N/A	110
Cobalt		N/A	N/A	N/A	4,350
Cumene Hydroperoxide		N/A	N/A	N/A	1,000
Cupferron		N/A	N/A	N/A	780
Decabromodiphenyl Oxide		N/A	N/A	N/A	5
Diaminotoluene		N/A	N/A	N/A	750
Diethanolamine		N/A	N/A	N/A	6,942
Diethyl Sulfate		N/A	N/A	N/A	140
Ethyl Acrylate		N/A	N/A	N/A	3,895
Ethylene Glycol		N/A	N/A	N/A	2,668,869
Freon		N/A	N/A	N/A	1,000
Glycol Ethers		N/A	N/A	N/A	1,816,404
Hydrochloric Acid		N/A	N/A	N/A	2,394,925
Hydrogen Flourides		N/A	N/A	N/A	77
Hydroquinone		N/A	N/A	N/A	23,225
Isobutyraldehyde		N/A	N/A	N/A	713
Maleic Anhydride		N/A	N/A	N/A	551,052
Maneb		N/A	N/A	N/A	1,470
Manganese and Compounds		N/A	N/A	N/A	1,719,723
Methyl Acrylate		N/A	N/A	N/A	2,036
Methyl Methacrylate		N/A	N/A	N/A	29,026
Methylene Bromide		N/A	N/A	N/A	3,500
N,N-Dimethylaniline		N/A	N/A	N/A	233,237
Nitric Acid		N/A	N/A	N/A	1,850
Phosphoric Acid		N/A	N/A	N/A	41,665
Propionaldehyde		N/A	N/A	N/A	750
Propylene Oxide		N/A	N/A	N/A	341,867
p-Cresidine		N/A	N/A	N/A	34,000
Saccharin		N/A	N/A	N/A	7,900
Safrole		N/A	N/A	N/A	250
Styrene Oxide		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	973,779
Terephthalic Acid		N/A	N/A	N/A	250
Vinyl Acetate		N/A	N/A	N/A	51,221
Vinylidene Chloride		N/A	N/A	N/A	2,036
SUBTOTAL					47,460,600
TOTAL		15,995,678	15,303,948	42,016	92,815,513

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
ORGANIC CHEMICALS MANUFACTURING(ISDB) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	0	0	0	2,710
1,1,2-Trichloroethane	*	302,522	275,098	246	N/A
1,2,4-Trichlorobenzene	*	11,298	9,731	97	22,000
1,2-Dichlorobenzene	*	291	252	4	2,091
1,2-Dichloroethane	*	0	0	0	1,395,047
1,2-Dichloropropane	*	0	0	0	125,172
1,4-Dioxane	*	197	188	19	250
2,4-Dimethylphenol	*	N/A	N/A	N/A	3,103
2,4-Dinitrophenol	*	1,631,354	1,461,989	150,274	N/A
2-Nitrophenol	*	N/A	N/A	N/A	19,000
4-Nitrophenol	*	N/A	N/A	N/A	160,428
Acetaldehyde		2,375	2,270	114	5,437
Acetone		986,240	942,557	47,128	5,505,366
Acetonitrile		29,834	28,513	1,426	8,424
Acrolein	*	52	50	0	250
Acrylamide		6,918	6,612	661	6,800
Acrylic Acid		30	29	3	8,420
Acrylonitrile		3,497,019	3,282,951	2,369	593,253
Aniline		621,030	593,523	29,676	205,737
Antimony & Compounds	*	0	0	0	14,700
Anthracene	*	1,610,298	1,455,651	123,690	N/A
Arsenic & Compounds	*	1,610,298	1,491,857	189,506	251
Barium and Compounds		1,610,298	1,538,975	80,514	225,893
Benzene	*	2,345,187	2,277,445	3,837	49,320
Benzal Chloride		17,650	16,868	1,687	10,650
Benzotrichloride		3,709	3,545	355	N/A
Benzyl Chloride		241,013	230,338	23,034	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	1,610,303	1,488,027	286	158,068
Bromomethane	*	851	813	1	N/A
Butanol		13,785	13,174	659	1,339,746
Butyl Benzyl Phthalate	*	1,610,298	1,478,255	1,341,915	1,461
Cadmium & Compounds	*	0	0	0	1,833
Carbon Disulfide		N/A	N/A	N/A	624
Carbon Tetrachloride		213,104	192,811	668	269
Chlorobenzene	*	4	3	1	140,523
Chloroform		1,819,043	1,726,542	54,339	51,701
Chloromethane	*	29,835	26,968	393	47,532
Chromium & Compounds	*	1,893,158	1,693,218	52,861	255,248
Copper & Compounds	*	1,830,396	1,654,612	6,924	53,119
Cresol		N/A	N/A	N/A	28,115
Cumene		182,664	174,573	8,729	151,600
Cyanide	*	1,631,496	1,553,962	282	353
Cyclohexane		N/A	N/A	N/A	1,297
Cyclohexanone		1,340,307	1,280,942	192,141	N/A
Dichlorobenzenes		N/A	N/A	N/A	174,000
Diethyl Phthalate		7	7	2	251
Dimethyl Amine		97,103	92,802	4,640	N/A
Dimethyl Phthalate		0	0	0	496,782
Di-N-Butyl Phthalate	*	1	1	0	16,189
Di-N-Octyl Phthalate	*	0	0	0	250
Epichlorohydrin		N/A	N/A	N/A	278
Ethylbenzene	*	1,657,043	1,594,497	2,548	18,734

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
ORGANIC CHEMICALS MANUFACTURING (ISDB) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Ethyl Cyanide		11,837	11,313	58	N/A
Ethylene Oxide		N/A	N/A	N/A	33,584
Formaldehyde		501	479	72	1,738,338
Formic Acid		3,338,150	3,190,297	319,030	N/A
Furan		50,688	48,443	4,844	N/A
Furfural		9,299,860	8,887,951	888,795	N/A
Hexachloro-1,3-Butadiene		0	0	0	300
Hydrazine		2,889	2,761	138	1,153
Hydrogen Sulfide		27,334	26,123	1,306	N/A
Lead & Compounds	*	1,610,298	1,398,086	5,878	1,775
Mercury & Compounds	*	0	0	0	1,325
Methanol		4,608,828	4,404,694	0	25,562,489
Methyl Ethyl Ketone		2,132	2,038	102	94,773
Methyl Isobutyl Ketone		3,800,487	3,632,156	363,216	87,208
Methylene Chloride	*	208,309	179,037	9,207	33,909
Naphthalene	*	1,610,298	1,563,082	10,151	65
Nickel & Compounds	*	1,611,451	1,529,859	189,117	87,542
p-Nitroaniline		385	368	37	N/A
Nitrobenzene	*	0	0	0	2,000
P-Phenylenediamine		N/A	N/A	N/A	2,900
Phenol	*	5,480,972	5,367,694	808	2,308,037
Phthalic Anhydride		2,132	2,038	204	17,450
Pyridine		69,964	66,865	13,373	42,082
sec-Butanol		N/A	N/A	N/A	7,700
Selenium & Compounds	*	1,610,298	1,464,448	32,331	610
Silver & Compounds	*	1,610,298	1,522,841	665,397	770
Styrene		N/A	N/A	N/A	232,076
tert-Butanol		N/A	N/A	N/A	1,535,800
Tetrachloroethylene		208,132	193,029	67,044	63,073
Tetrahydrofuran		4,012,175	3,834,468	191,723	N/A
Toluene	*	2,875,877	2,833,595	4,983	1,430,203
Toluene Diamine		6,266	5,988	599	N/A
Trichloroethylene		0	0	0	93
Trichlorofluoro-methane		0	0	0	N/A
Vinyl Chloride		20,333	19,760	367	N/A
Xylene(all iso)		70,452	67,332	3,367	638,338
Zinc & Compounds	*	1,610,303	1,580,990	62,411	101,625
Other Priority Organics	*	8,389,692	8,018,096	92,243	
Miscellaneous Pollutants		1,825,926	1,748,112	97,822	
SUBTOTAL		82,433,278	78,191,592	5,345,652	45,327,493
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	12,000
1,3-Butadiene		N/A	N/A	N/A	9,750
2-Ethoxyethanol		N/A	N/A	N/A	2,946
2-Methoxyethanol		N/A	N/A	N/A	5,945
4,4'-Diaminodiphenyl ether		N/A	N/A	N/A	96
4,4'-Isopropylidenediphenol		N/A	N/A	N/A	4,600
4,4'-Methylenedianiline		N/A	N/A	N/A	6,147
Allyl Chloride		N/A	N/A	N/A	5,218
Ammonia		N/A	N/A	N/A	807,893
Ammonia Nitrate		N/A	N/A	N/A	1,681,864

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
ORGANIC CHEMICALS MANUFACTURING (ISDB) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Ammonia Sulfate		N/A	N/A	N/A	33,757,128
Benzoyl Peroxide		N/A	N/A	N/A	67,136
Bis(2-Ethyl Hexyl)Adipate		N/A	N/A	N/A	25,319
Butyl Acrylate		N/A	N/A	N/A	2,025
Butyraldehyde		N/A	N/A	N/A	1,213
Catechol		N/A	N/A	N/A	1,000
Chlorine and Adducts		N/A	N/A	N/A	151,273
Chloroacetic Acid		N/A	N/A	N/A	110
Cobalt		N/A	N/A	N/A	4,350
Cumene Hydroperoxide		N/A	N/A	N/A	1,000
Cupferron		N/A	N/A	N/A	780
Decabromodiphenyl Oxide		N/A	N/A	N/A	5
Diaminotoluene		N/A	N/A	N/A	750
Diethanolamine		N/A	N/A	N/A	6,942
Diethyl Sulfate		N/A	N/A	N/A	140
Ethyl Acrylate		N/A	N/A	N/A	3,895
Ethylene Glycol		N/A	N/A	N/A	2,668,869
Freon		N/A	N/A	N/A	1,000
Glycol Ethers		N/A	N/A	N/A	1,816,404
Hydrochloric Acid		N/A	N/A	N/A	2,394,925
Hydrogen Fluorides		N/A	N/A	N/A	77
Hydroquinone		N/A	N/A	N/A	23,225
Isobutyraldehyde		N/A	N/A	N/A	713
Maleic Anhydride		N/A	N/A	N/A	551,052
Maneb		N/A	N/A	N/A	1,470
Manganese and Compounds		N/A	N/A	N/A	1,719,723
Methyl Acrylate		N/A	N/A	N/A	2,036
Methyl Methacrylate		N/A	N/A	N/A	29,026
Methylene Bromide		N/A	N/A	N/A	3,500
N,N-Dimethylaniline		N/A	N/A	N/A	233,237
Nitric Acid		N/A	N/A	N/A	1,850
Phosphoric Acid		N/A	N/A	N/A	41,665
Propionaldehyde		N/A	N/A	N/A	750
Propylene Oxide		N/A	N/A	N/A	341,867
p-Cresidine		N/A	N/A	N/A	34,000
Saccharin		N/A	N/A	N/A	7,900
Safrole		N/A	N/A	N/A	250
Styrene Oxide		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	973,779
Terephthalic Acid		N/A	N/A	N/A	250
Vinyl Acetate		N/A	N/A	N/A	51,221
Vinylidene Chloride		N/A	N/A	N/A	2,036
SUBTOTAL					47,460,600
TOTAL		72,299,649	68,498,051	5,172,470	92,815,513

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PAINT MANUFACTURE AND FORMULATION CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	188	177	177	546
1,1,2,2-Tetrachloroethane		1	1	1	N/A
1,1,2-Trichloroethane	*	6	5	5	N/A
1,1-Dichloroethylene	*	1	1	1	N/A
1,2-Dichloroethane	*	7	6	6	N/A
1,2-Dichloropropane	*	2	2	2	N/A
2,4,6-Trichlorophenol	*	116	116	116	N/A
2,4-Dichlorophenol	*	11	11	11	N/A
Acetone		N/A	N/A	N/A	44,190
Acrylic Acid		N/A	N/A	N/A	750
Acrylonitrile	*	N/A	N/A	N/A	250
Antimony & Compounds	*	77	68	68	5
Arsenic & Compounds	*	176	148	148	N/A
Barium and Compounds		1	1	1	9,900
Benzene	*	630	548	548	250
Bis(2-Ethyl Hexyl)Phthalate	*	748	603	603	N/A
Butanol		N/A	N/A	N/A	794,689
Butyl Benzyl Phthalate	*	23	23	23	750
Cadmium & Compounds	*	1,246	1,047	1,047	1,000
Carbon Tetrachloride	*	16	13	13	N/A
Chlorobenzene	*	18	18	18	N/A
Chloroform	*	39	34	34	N/A
Chromium & Compounds	*	10,794	9,628	9,628	3,304
Copper & Compounds	*	2,791	2,406	2,406	303
Cyanide	*	193	172	172	N/A
Cyclohexane		N/A	N/A	N/A	250
Diethyl Phthalate		23	23	23	N/A
Di-N-Butyl Phthalate	*	2,323	1,863	1,863	N/A
Ethylbenzene	*	35,753	30,033	30,033	38,021
Formaldehyde		N/A	N/A	N/A	33,374
Lead & Compounds	*	22,201	18,205	18,205	4,464
Mercury & Compounds	*	1,353	1,115	1,115	250
Methanol		N/A	N/A	N/A	1,960,059
Methyl Ethyl Ketone		N/A	N/A	N/A	357,502
Methyl Isobutyl Ketone		N/A	N/A	N/A	324,265
Methylene Chloride	*	30,098	26,366	26,366	2,826
Naphthalene	*	640	550	550	250
Nickel & Compounds	*	2,015	1,705	1,705	750
Nitrobenzene	*	3	3	3	N/A
Pentachlorophenol	*	760	760	760	N/A
Phenol	*	94	94	94	180,410
Selenium & Compounds	*	4	3	3	N/A
Styrene		N/A	N/A	N/A	600
Tetrachloroethylene	*	420	338	338	N/A
Toluene	*	35,175	29,969	29,969	105,419
Trans-1,2-Dichloroethylene	*	6	6	6	N/A
Trichloroethylene	*	88	86	86	N/A
Xylene(all iso)		N/A	N/A	N/A	101,090
Zinc & Compounds	*	137,328	112,609	112,609	7,316
Other Toxic Organics		104	104	104	
SUBTOTAL		285,472	238,860	238,860	3,972,783

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PAINT MANUFACTURE AND FORMULATION CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
=====					
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	250
4,4'-Isopropylidenediphenol		N/A	N/A	N/A	250
Aluminum Oxide		N/A	N/A	N/A	500
Ammonia		N/A	N/A	N/A	140
Butyl Acrylate		N/A	N/A	N/A	1,500
Chlorothalonil		N/A	N/A	N/A	13
Cobalt		N/A	N/A	N/A	750
Cumene Hydroperoxide		N/A	N/A	N/A	4,000
Diethanolamine		N/A	N/A	N/A	250
Ethyl Acrylate		N/A	N/A	N/A	1,250
Ethylene Glycol		N/A	N/A	N/A	134,449
Freons		N/A	N/A	N/A	250
Glycol Ethers		N/A	N/A	N/A	67,849
Hydrochloric acid		N/A	N/A	N/A	5,306
Maleic Anhydride		N/A	N/A	N/A	250
Methyl Methacrylate		N/A	N/A	N/A	1,000
Phosphoric Acid		N/A	N/A	N/A	500
Phthalic Anhydride		N/A	N/A	N/A	28,458
Sec-Butyl Alcohol		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	250
Vinyl Acetate		N/A	N/A	N/A	1,000
		-----	-----	-----	
SUBTOTAL		0	0	0	248,465
TOTAL		285,368	238,754	238,754	4,221,248

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
PESTICIDES (MANUFACTURING ONLY, ITD) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	

DSS POLLUTANTS (3)					
1,1,1-Trichloroethane		N/A	N/A	N/A	502
2,4-D		N/A	N/A	N/A	20,002
1,2-Dichlorobenzene	*	16,612	8,306	8	N/A
1,2-Dichloroethane	*	6,616	3,308	549	1
1,4-Dichlorobenzene	*	26,738	13,369	10	N/A
2,4-Dichlorophenol	*	25,192	12,596	9	N/A
2,4-Dinitrophenol	*	0	0	0	250
Acetone		N/A	N/A	N/A	19,884
Aniline		N/A	N/A	N/A	3
Arsenic & Compounds	*	0	0	0	250
Benzene	*	3,011,256	1,505,628	90	N/A
Bromomethane	*	320	160	0	N/A
Butanol		N/A	N/A	N/A	250
Butyl Benzyl Phthalate		N/A	N/A	N/A	250
Captan		N/A	N/A	N/A	250
Carbon Tetrachloride		9,138	4,569	13	N/A
Chlorobenzene		1,348,078	674,039	67	1
Chloroform		426	213	3	N/A
Chloromethane	*	19,612	9,806	33	N/A
Chromium & Compounds	*	0	0	0	250
Copper & Compounds	*	0	0	0	1
Cumene		N/A	N/A	N/A	1
Cyanide	*	6,098	3,049	57	N/A
Ethylbenzene	*	N/A	N/A	0	250
Methanol		N/A	N/A	N/A	20,704
Methylene Chloride	*	126,500	63,250	104	328
Nitrobenzene		N/A	N/A	N/A	1
Pentachlorophenol		4	2	1	
Phenol	*	80,326	40,163	7	N/A
Styrene		N/A	N/A	N/A	1
Toluene	*	1,601,052	800,526	65	2,971
Xylene		N/A	N/A	N/A	671
Zinc & Compounds	*	120,884	60,442	86	8
Other Toxic Organics	*	16142	8071	49	
SUBTOTAL		6,414,994	3,207,497	1,151	66,829

TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	2
2-Phenylphenol		N/A	N/A	N/A	250
Ammonia		N/A	N/A	N/A	18,250
Carbaryl		N/A	N/A	N/A	44
Chlorothalonil		N/A	N/A	N/A	250
Di(2-Ethylhexyl)Phthalate		N/A	N/A	N/A	1,300
Ethylene Glycol		N/A	N/A	N/A	335,290
Floumeturon		N/A	N/A	N/A	2,300
Glycol Ethers		N/A	N/A	N/A	108,400
Phosphoric Acid		N/A	N/A	N/A	250
Pyridine		N/A	N/A	N/A	129,648
Quintozene		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	250

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
PESTICIDES (MANUFACTURING ONLY, ITD) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
trifluralin		N/A	N/A	N/A	371
SUBTOTAL		0	0	0	596,855
TOTAL		6,398,848	3,199,424	1,093	663,684

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
PESTICIDES (MANUFACTURING ONLY, ISDB) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane		N/A	N/A	N/A	502
2,4-D		7,789	3,895	390	20,002
1,2-Dichlorobenzene	*	1,147	574	1	N/A
1,2-Dichloroethane	*	5	3	1	1
2,4,6-Trichlorophenol	*	78	39	0	N/A
2,4-Dichlorophenol	*	9,464	4,732	4	N/A
2,4-Dinitrophenol	*	N/A	N/A	N/A	250
1,4-Dioxane		1,130	565	57	N/A
Acetone		14,745,256	7,372,628	368,632	19,884
Aniline		1,147	574	29	3
Arsenic & Compounds	*	165	83	2	250
Barium & Compounds		1,147	574	11	
Benzene	*	1,194	597	0	N/A
Butanol		N/A	N/A	N/A	250
Butyl Benzyl Pthalate		N/A	N/A	N/A	250
Captan		N/A	N/A	N/A	250
Carbon Tetrachloride		1,867	934	3	N/A
Chlorobenzene		N/A	N/A	N/A	1
Chloroform		17	9	0	N/A
Chloromethane	*	262	131	1	N/A
Chromium & Compounds	*	244,015	122,008	2,318	250
Copper & Compounds	*	106,132	53,066	75	1
Cumene		N/A	N/A	N/A	1
Cyanide	*	249	125	3	N/A
Dibromomethane		139,454	69,727	10,459	N/A
Ethyl Acetate		157,523	78,762	3,938	N/A
Ethyl Benzene	*	109	55	0	250
Hexachlorocyclopentadiene	*	1,147	574	170	N/A
Hydrazine		956	478	24	N/A
Lead & Compounds	*	23	12	0	N/A
Mercury & Compounds	*	26,773	13,387	255	N/A
Methanethiol		249	125	6	N/A
Methanol		15,803,526	7,901,763	0	20,704
Methylene Chloride	*	14,338	7,169	12	328
Nickel & Compounds	*	239,975	119,988	2,280	N/A
p-Nitroaniline		254,205	127,103	12,711	N/A
Nitrobenzene		N/A	N/A	N/A	1
Phenol	*	1,411	706	0	N/A
Selenium & Compounds	*	1	1	0	N/A
Styrene		N/A	N/A	N/A	1
Tetrachloroethylene		56,947	28,474	3	N/A
Toluene	*	632,843	316,407	32	2,971
Xylene		30,279,678	15,139,839	756,992	671
Zinc & Compounds	*	9,725	4,863	7	8
Other Priority Organics	*	457,835	457,835	146	
Miscellaneous Pollutants		468,814	468,814	23,119	
SUBTOTAL		63,658,807	32,292,724	1,181,291	66,829
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	2

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
PESTICIDES (MANUFACTURING ONLY, ISDB) CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Z-Phenyphenol		N/A	N/A	N/A	250
Ammonia		N/A	N/A	N/A	18,250
Carbaryl		N/A	N/A	N/A	44
Chlorothalonil		N/A	N/A	N/A	250
Di(2-Ethylhexyl)Phthalate		N/A	N/A	N/A	1,300
Ethylene Glycol		N/A	N/A	N/A	335,290
Flometuron		N/A	N/A	N/A	2,300
Glycol Ethers		N/A	N/A	N/A	108,400
Phosphoric Acid		N/A	N/A	N/A	250
Pyridine		N/A	N/A	N/A	129,648
Quintozene		N/A	N/A	N/A	250
Sulfuric Acid		N/A	N/A	N/A	250
Trifluralin		N/A	N/A	N/A	371
SUBTOTAL					596,855
TOTAL		62,732,158	31,366,075	1,158,026	663,684

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PHARMACEUTICAL MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
=====					
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	17,014	17,014	17,014	4,655
1,1,2,2-Tetrachloroethane		2,014	2,014	2,014	N/A
1,1,2-Trichloroethane	*	2,014	2,014	2,014	N/A
1,1-Dichloroethylene	*	23,155	23,155	23,155	N/A
1,2-Dichlorobenzene	*	1,611	1,611	1,611	5,308
1,2-Dichloroethane	*	253,296	253,296	253,296	64,452
1,4-Dioxane		N/A	N/A	N/A	13,908
2,4,6-Trichlorophenol	*	2,014	2,014	2,014	N/A
2,4-Dichlorophenol	*	1,007	1,007	1,007	N/A
2,4-Dimethylphenol	*	6,242	6,242	6,242	N/A
Acetone		0	0	0	4,624,331
Acetonitrile		0	0	0	242,179
Aniline		N/A	N/A	N/A	74,250
Antimony & Compounds	*	4,530	4,530	4,530	N/A
Arsenic & Compounds	*	2,920	2,920	2,920	26
Benzene	*	542,726	542,726	542,726	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	15,806	15,806	15,806	N/A
Butanol		0	0	0	725,388
Butyl Benzyl Phthalate	*	25,169	25,169	25,169	N/A
Cadmium & Compounds	*	2,517	2,517	2,517	N/A
Carbon Tetrachloride	*	8,155	8,155	8,155	N/A
Chlorobenzene	*	N/A	N/A	N/A	847
Chloroform	*	1,962,319	1,962,319	1,962,319	461,238
Chromium & Compounds	*	11,779	11,779	11,779	250
Copper & Compounds	*	57,485	57,485	57,485	4,100
Cumene		N/A	N/A	N/A	5,061
Cyanide	*	10,008,000	26,271	26,271	500
Cyclohexane		N/A	N/A	N/A	34
Diethyl Phthalate		6,141	6,141	6,141	9,030
Dimethyl Phthalate		N/A	N/A	N/A	10,229
Di-N-Butyl Phthalate	*	1,913	1,913	1,913	N/A
Epichlorohydrin		N/A	N/A	N/A	750
Ethylbenzene	*	325,883	325,883	325,883	2,985
Formaldehyde		0	0	0	165,845
Lead & Compounds	*	11,980	11,980	11,980	N/A
Mercury & Compounds	*	393	393	393	9
Methanol		0	0	0	10,791,306
Methyl Ethyl Ketone		0	0	0	159,250
Methyl Isobutyl Ketone		N/A	N/A	N/A	769,528
Methylene Chloride	*	10,537,590	10,537,590	10,537,590	1,253,759
N-Nitrosodimethyl Amine		1,208	1,208	1,208	N/A
Nickel & Compounds	*	10,369	10,369	10,369	3,250
Pentachlorophenol	*	5,235	5,235	5,235	N/A
Phenol	*	757,976	757,976	757,976	11,400
Phthalic Anhydride		N/A	N/A	N/A	250
Pyridine		0	0	0	9,932
Selenium & Compounds	*	3,121	3,121	3,121	N/A
Silver & Compounds	*	3,222	3,222	3,222	N/A
Tetrachloroethylene	*	2,819	2,819	2,819	1,712
Toluene	*	1,736,722	1,736,722	1,736,722	497,227
Trichloroethylene	*	6,846	6,846	6,846	2,050
Xylene(all iso)		0	0	0	98,634

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PHARMACEUTICAL MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Zinc & Compounds	*	36,545	36,545	36,545	21,438
SUBTOTAL		26,397,736	16,416,007	16,416,007	20,035,111
TRIS POLLUTANTS (4)					
2-Methoxyethanol		N/A	N/A	N/A	483,000
Ammonia		N/A	N/A	N/A	2,675,680
Ammonia Sulfate		N/A	N/A	N/A	3,128,500
Benzoyl Peroxide		N/A	N/A	N/A	140
Chloroacetic acid		N/A	N/A	N/A	750
Diethanolamine		N/A	N/A	N/A	1,000
Dimethyl Sulfate		N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	443,127
Ethylene Oxide		N/A	N/A	N/A	78,826
Freons		N/A	N/A	N/A	2,154
Glycol Ethers		N/A	N/A	N/A	57,158
Hydrochloric acid		N/A	N/A	N/A	991,150
Hydrogen Fluorides		N/A	N/A	N/A	2,899
Methyl-tert-butyl ether		N/A	N/A	N/A	2,140
N,N-Dimethylaniline		N/A	N/A	N/A	14,378
Nitric Acid		N/A	N/A	N/A	7,720
Phosphoric Acid		N/A	N/A	N/A	65,495
Propylene Oxide		N/A	N/A	N/A	2,870
Propyleneimine		N/A	N/A	N/A	250
Sec-Butyl Alcohol		N/A	N/A	N/A	2,287
Sulfuric Acid		N/A	N/A	N/A	416,849
Tert-Butyl Alcohol		N/A	N/A	N/A	7,000
Tetrachlorvinphos		N/A	N/A	N/A	2
Trichlorfon		N/A	N/A	N/A	215
Urethane		N/A	N/A	N/A	750
SUBTOTAL		0	0	0	8,384,590
TOTAL		43,679,595	33,697,866	33,697,866	28,419,701

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE PHOTOGRAPHIC CHEMICALS AND FILM MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	23	21	21	N/A
1,2-Dichloroethane	*	188	177	177	N/A
1,3-Dichlorobenzene	*	14	13	13	N/A
2,4,6-Trichlorophenol	*	2,316	2,177	2,177	N/A
2,4-Dichlorophenol	*	6	6	6	N/A
2,4-Dimethylphenol	*	1	1	1	N/A
Acetone		N/A	N/A	N/A	N/A
Acrolein	*	32	30	30	N/A
Antimony & Compounds	*	566	469	469	N/A
Arsenic & Compounds	*	462	384	384	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	29	27	27	N/A
Butyl Benzyl Phthalate	*	72	67	67	N/A
Cadmium & Compounds	*	124,557	103,382	103,382	N/A
Carbon Tetrachloride	*	7	7	7	N/A
Chlorobenzene	*	7	7	7	N/A
Chloroform	*	85	80	80	N/A
Chromium & Compounds	*	12,286	10,197	10,197	N/A
Copper & Compounds	*	7,752	6,434	6,434	N/A
Cyanide	*	4,584	3,805	3,805	N/A
Diethyl Phthalate		82	75	75	N/A
Dimethyl Phthalate		15	14	14	N/A
Di-N-Butyl Phthalate	*	5,275	4,960	4,960	N/A
Ethyl Benzene	*	18	17	17	N/A
Formaldehyde		N/A	N/A	N/A	N/A
Lead & Compounds	*	2,038	1,691	1,691	N/A
Mercury & Compounds	*	87	72	72	N/A
Methanol		N/A	N/A	N/A	N/A
Methyl Ethyl Ketone		N/A	N/A	N/A	N/A
Methylene Chloride	*	376	353	353	N/A
Naphthalene	*	8	8	8	N/A
Nickel & Compounds	*	83	69	69	N/A
PCB	*	7	7	7	N/A
Pentachlorophenol	*	1,616	1,519	1,519	N/A
Phenol	*	3	3	3	N/A
p-Chloro-m-Cresol	*	24	22	22	N/A
Silver & Compounds	*	261,180	26,118	26,118	N/A
Selenium & Compounds	*	127	105	105	N/A
Tetrachloroethylene	*	91	86	86	N/A
Thiourea		N/A	N/A	N/A	N/A
Toluene	*	70	66	66	N/A
Trans-1,2-Dichloroethylene		14	13	13	N/A
Trichloroethylene		14	13	13	N/A
Trichlorofluoromethane		15	14	14	N/A
Xylene(all iso)		N/A	N/A	N/A	N/A
Zinc & Compounds	*	65,708	54,537	54,537	N/A
SUBTOTAL		489,838	217,046	217,046	N/A
TRIS POLLUTANTS (4)					
1,2-Dichlorobenzene	*	N/A	N/A	N/A	N/A
2-Metoxxyethanol	*	N/A	N/A	N/A	N/A
Acrylonitrile	*	N/A	N/A	N/A	N/A

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PHOTOGRAPHIC CHEMICALS AND FILM MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Ammonia		N/A	N/A	N/A	N/A
Butyl Acrylate		N/A	N/A	N/A	N/A
Diethanolamine		N/A	N/A	N/A	N/A
Ethyl Acrylate		N/A	N/A	N/A	N/A
Ethylene Glycol		N/A	N/A	N/A	N/A
Glycol Ethers		N/A	N/A	N/A	N/A
Hydrochloric acid		N/A	N/A	N/A	N/A
Hydroquinone		N/A	N/A	N/A	N/A
Manganese Compounds		N/A	N/A	N/A	N/A
Methyl Methacrylate		N/A	N/A	N/A	N/A
Nitric Acid		N/A	N/A	N/A	N/A
Propylene Oxide		N/A	N/A	N/A	N/A
Sulfuric Acid		N/A	N/A	N/A	N/A
Vinylidene Chloride		N/A	N/A	N/A	N/A
		-----	-----	-----	
SUBTOTAL		0	0	0	
TOTAL		489,838	217,046	217,046	

SUMMARY OF DSS and TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE PLASTICS, & SYNTHETIC FIBERS (ITD) CATEGORY

Hazardous Constituents	Priority Pollutant	DSS (lbs/yr)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
1,1,1-Trichloroethane	*	220	219	25	500
1,1,2-Trichloroethane		2,125	2,125	7	N/A
1,2,4-Trichlorobenzene	*	744	736	9	250
1,1-Dichloroethane		12,624	12,483	26	N/A
1,2-Dichlorobenzene	*	0	0	0	230
1,2-Dichloroethane	*	750	748	28	2,200
1,2-Dichloropropane	*	6,027	6,027	58	11,600
1,4-Dioxane		N/A	N/A	N/A	46,841
2,4-Dimethylphenol	*	N/A	N/A	N/A	37
Acetaldehyde		N/A	N/A	N/A	82,830
Acetone		N/A	N/A	N/A	501,372
Acrolein		66,415	64,622	58	N/A
Acrylamide		N/A	N/A	N/A	4,596
Acrylic Acid		N/A	N/A	N/A	4,905
Acrylonitrile	*	0	0	0	346,095
Aniline		N/A	N/A	N/A	38,299
Antimony & Compounds	*	2,290	2,278	370	502
Arsenic and Compounds	*	3,226	3,204	80	N/A
Barium & Compounds		371	371	303	26
Benzene	*	12,179	11,629	209	1,000
Bis(2-Ethyl Hexyl) Phthalate	*	3,807	3,564	541	N/A
Butanol		N/A	N/A	N/A	184,927
Butyl Benzyl Phthalate	*	0	0	0	1,411
Cadmium & Compounds	*	2,187	2,172	177	500
Carbon Disulfide		N/A	N/A	N/A	13,500
Carbon Tetrachloride	*	2,330	2,310	17	1,333
Chloroform		245	245	43	N/A
Chloromethane		205	205	7	N/A
Chromium Compounds	*	16,408	15,963	918	957
Copper & Compounds	*	55,879	55,281	534	502
Cresol		N/A	N/A	N/A	379
Cumene		N/A	N/A	N/A	4
Cyanide Compounds	*	8,359	8,356	38	750
Cyclohexane					252
Dibutyl Phthalate		0	0	0	5,598
Diethyl Phthalate		0	0	0	10
Dimethyl Phthalate		0	0	0	560
Di(2-Ethylhexyl)Phthalate		N/A	N/A	N/A	22
Epichlorohydrin		N/A	N/A	N/A	69,483
Ethylbenzene	*	15,482	14,939	192	4,430
Ethylene Oxide		N/A	N/A	N/A	544
Formaldehyde		N/A	N/A	N/A	1,021,898
Lead And Compounds	*	20,711	20,489	280	2,222
Mercury and Compounds	*	70	70	5	N/A
Methanol		N/A	N/A	N/A	2,803,631
Methyl Ethyl Ketone		N/A	N/A	N/A	9,857
Methyl Isobutyl Ketone		N/A	N/A	N/A	113,946
Methylene Chloride		106	103	33	15,832
Naphthalene	*	2,269	2,183	47	500
Nickel And Compounds	*	60,016	59,795	1,246	258
Nitrobenzene	*	672	672	1	70
O-Cresol		N/A	N/A	N/A	1,194

SUMMARY OF DSS and TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE PLASTICS, & SYNTHETIC FIBERS (ITD) CATEGORY

Hazardous Constituents	Priority Pollutant	DSS (lbs/yr)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Phenol	*	4,529,707	4,367,558	195	1,073,884
Phthalic Anhydride		N/A	N/A	N/A	6,533
Sec-Butyl Alcohol					500
Selenium and Compounds		1,483	1,193	299	N/A
Silver and Compounds		1,039	1,032	139	N/A
Styrene		N/A	N/A	N/A	60,992
Tert-Butyl Alcohol		N/A	N/A	N/A	40,926
Toluene	*	107,266	68,468	401	52,061
Trichloroethylene		996	994	22	485
Vinyl Chloride		15,479	15,478	82	16,854
Xylene		N/A	N/A	N/A	25,729
Zinc And Compounds	*	45,729	44,609	2,114	19,438
Other Toxic Organics		70040	67503	85	N/A
SUBTOTAL		5,067,456	4,857,624	8,589	6,593,255
TRIS POLLUTANTS(4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	281
1,3-Butadiene		N/A	N/A	N/A	34,671
2-Ethoxyethanol		N/A	N/A	N/A	1
2-Methoxyethanol		N/A	N/A	N/A	250
4,4'-Diaminodiphenyl Ether		N/A	N/A	N/A	83
4,4'-Isopropylidenediphenol		N/A	N/A	N/A	250
4,4'-Methylenedianiline		N/A	N/A	N/A	500
Allyl Chloride		N/A	N/A	N/A	250
Aluminum Oxide		N/A	N/A	N/A	250
Ammonia		N/A	N/A	N/A	179,152
Ammonium Sulfate		N/A	N/A	N/A	1,300
Benzoyl Peroxide		N/A	N/A	N/A	869
Bis(2-Ethylhexyl)Apidate		N/A	N/A	N/A	250
Butyl Acrylate		N/A	N/A	N/A	19,318
Butyraldehyde		N/A	N/A	N/A	420
Chlorine		N/A	N/A	N/A	31,350
Chlorothalonil		N/A	N/A	N/A	278
Dacabromodiphenyl Oxide		N/A	N/A	N/A	250
Diethanolamine		N/A	N/A	N/A	502
Ethyl Acrylate		N/A	N/A	N/A	19,354
Ethylene		N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	2,000,597
Glycol Ethers		N/A	N/A	N/A	10,007
Hydrochloric Acid		N/A	N/A	N/A	65,356
Hydrogen Cyanide		N/A	N/A	N/A	83
Hydroquinone		N/A	N/A	N/A	12,150
Maleic Anhydride		N/A	N/A	N/A	1,789
Methyl Acrylate		N/A	N/A	N/A	1,479
Methyl Methacrylate		N/A	N/A	N/A	60,199
O-Toludine		N/A	N/A	N/A	4,072
Phosphoric Acid		N/A	N/A	N/A	250
Propionaldehyde		N/A	N/A	N/A	11
Propylene Oxide		N/A	N/A	N/A	7,000
Sulfuric Acid		N/A	N/A	N/A	7,040
Terephthalic Acid		N/A	N/A	N/A	30,000

SUMMARY OF DSS and TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE PLASTICS, & SYNTHETIC FIBERS (ITD) CATEGORY

Hazardous Constituents	Priority Pollutant	DSS (lbs/yr)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Toluene-2,4-Diisocyanate	N/A	N/A	N/A	N/A	250
Toluene-2,6-Diisocyanate	N/A	N/A	N/A	N/A	250
Vinyl Acetate	N/A	N/A	N/A	N/A	48,038
Vinylidene Chloride	N/A	N/A	N/A	N/A	1,250
SUBTOTAL					2,539,650
TOTAL		10,134,912	9,715,248	17,178	9,132,905

SUMMARY OF DSS and TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE PLASTICS, & SYNTHETIC FIBERS (ISDB) CATEGORY

Hazardous Constituents	Priority Pollutant	DSS (lbs/yr)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
1,1,1-Trichloroethane	*	0	0	0	500
1,2,4-Trichlorobenzene	*	0	0	0	250
1,2-Dichlorobenzene	*	0	0	0	230
1,2-Dichloroethane	*	0	0	0	2,200
1,2-Dichloropropane	*	0	0	0	11,600
1,4-Dioxane		8,095	7,755	776	46,841
2,4-Dimethylphenol	*	0	0	0	37
Acetaldehyde		2,375	2,275	114	82,830
Acetone		2,132	2,042	102	501,372
Acrolein		5	5	0	N/A
Acrylamide		N/A	N/A	N/A	4,596
Acrylic Acid		N/A	N/A	N/A	4,905
Acrylonitrile	*	0	0	0	346,095
Aniline		4,750	4,551	228	38,299
Antimony & Compounds	*	0	0	0	502
Aromatic Alkyl Alcohol		2,283	2,187	109	N/A
Barium & Compounds		6,299	6,299	5,144	26
Benzene	*	618,498	590,567	10,614	1,000
Butanol		1,017	974	49	184,927
Butyl Benzyl Phthalate	*	0	0	0	1,411
Cadmium & Compounds	*	0	0	0	500
Carbon Disulfide		N/A	N/A	N/A	13,500
Carbon Tetrachloride	*	0	0	0	1,333
Chromium Compounds	*	257,062	257,062	14,783	957
Copper & Compounds	*	0	0	0	502
Cresol		N/A	N/A	N/A	379
Cumene		N/A	N/A	N/A	4
Cyanide Compounds	*	2,132	2,131	10	750
Cyclohexane		N/A	N/A	N/A	252
Cyclohexanone		2,132	2,042	306	N/A
Dibutyl Phthalate		0	0	0	5,598
Diethyl Phthalate		0	0	0	10
Dimethyl Phthalate		0	0	0	560
Di(2-Ethylhexyl)Phthalate		N/A	N/A	N/A	22
Epichlorohydrin		N/A	N/A	N/A	69,483
Ethylbenzene	*	618,498	596,805	7,670	4,430
Ethylene Oxide		N/A	N/A	N/A	544
Formaldehyde		21,950,500	12,554,467	1,883,170	1,021,898
Formic Acid		2,132	2,043	204	N/A
Furfural		2,248	2,153	215	N/A
Lead Compounds	*	0	0	0	2,222
Methanol		258,978	248,101	0	2,803,631
Methyl Ethyl Ketone		2,132	2,043	102	9,857
Methyl Isobutyl Ketone		N/A	N/A	N/A	113,946
Methylene Chloride	*	0	0	0	15,832
Naphthalene	*	0	0	0	500
Nickel Compounds	*	0	0	0	258
Nitrobenzene	*	0	0	0	70
Noncyclic Aliphatic Alcohol		8,095	7,755	388	N/A
O-Cresol		N/A	N/A	N/A	1,194
Phenol	*	16,857,051	16,253,619	726	1,073,884
Phthalic Acid Ester		211,905	203,005	20,300	N/A
Phthalic Anhydride		2,132	2,043	204	6,533

SUMMARY OF DSS and TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE PLASTICS, & SYNTHETIC FIBERS (ISDB) CATEGORY

Hazardous Constituents	Priority Pollutant	DSS (lbs/yr)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Sec-Butyl Alcohol		N/A	N/A	N/A	500
Styrene		N/A	N/A	N/A	60,992
Tert-Butyl Alcohol		N/A	N/A	N/A	40,926
Toluene	*	621,012	396,395	2,322	52,061
Trichloroethylene		0	0	0	485
Vinyl Chloride		20,333	20,332	108	16,854
Xylene		0	0	0	25,729
Zinc And Compounds	*	36,395	35,998	1,706	19,438
Other Toxic Organics		34,542	34,542	853	N/A
SUBTOTAL		41,532,733	31,237,191	1,950,203	6,593,255
TRIS POLLUTANTS(4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	281
1,3-Butadiene		N/A	N/A	N/A	34,671
2-Ethoxyethanol		N/A	N/A	N/A	1
2-Methoxyethanol		N/A	N/A	N/A	250
4,4'-Diaminodiphenyl Ether		N/A	N/A	N/A	83
4,4'-Isopropylidenediphenol		N/A	N/A	N/A	250
4,4'-Methylenedianiline		N/A	N/A	N/A	500
Allyl Chloride		N/A	N/A	N/A	250
Aluminum Oxide		N/A	N/A	N/A	250
Ammonia		N/A	N/A	N/A	179,152
Ammonium Sulfate		N/A	N/A	N/A	1,300
Benzoyl Peroxide		N/A	N/A	N/A	869
Bis(2-Ethylhexyl)Apidate		N/A	N/A	N/A	250
Butyl Acrylate		N/A	N/A	N/A	19,318
Butyraldehyde		N/A	N/A	N/A	420
Chlorine		N/A	N/A	N/A	31,350
Chloroethalonil		N/A	N/A	N/A	278
Dacabromodiphenyl Oxide		N/A	N/A	N/A	250
Diethanolamine		N/A	N/A	N/A	502
Ethyl Acrylate		N/A	N/A	N/A	19,354
Ethylene		N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	2,000,597
Glycol Ethers		N/A	N/A	N/A	10,007
Hydrochloric Acid		N/A	N/A	N/A	65,356
Hydrogen Cyanide		N/A	N/A	N/A	83
Hydroquinone		N/A	N/A	N/A	12,150
Maleic Anhydride		N/A	N/A	N/A	1,789
Methyl Acrylate		N/A	N/A	N/A	1,479
Methyl Methacrylate		N/A	N/A	N/A	60,199
O-Toludine		N/A	N/A	N/A	4,072
Phosphoric Acid		N/A	N/A	N/A	250
Propionaldehyde		N/A	N/A	N/A	11
Propylene Oxide		N/A	N/A	N/A	7,000
Sulfuric Acid		N/A	N/A	N/A	7,040
Terephthalic Acid		N/A	N/A	N/A	30,000
Toluene-2,4-Diisocyanate		N/A	N/A	N/A	250
Toluene-2,6-Diisocyanate		N/A	N/A	N/A	250
Vinyl Acetate		N/A	N/A	N/A	48,038
Vinylidene Chloride		N/A	N/A	N/A	1,250

SUMMARY OF DSS and TRIS POLLUTANTS DISCHARGED TO POTWS
 BY THE PLASTICS, & SYNTHETIC FIBERS (ISDB) CATEGORY

Hazardous Constituents	Priority Pollutant	DSS (lbs/yr)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
=====					
	SUBTOTAL				2,539,650
	TOTAL	41,498,191	31,202,649	1,949,350	9,132,905

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PLASTICS MOLDING AND FORMING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	3,770	3,770	3,770	5
1,2,4-Trichlorobenzene	*	161	161	161	N/A
1,4-Dioxane		N/A	N/A	N/A	950
Acetone		N/A	N/A	N/A	247,118
Antimony & Compounds	*	31	31	31	750
Arsenic & Compounds	*	25	25	25	N/A
Barium Compounds		128	128	128	250
Benzene	*	1,924	1,924	1,924	N/A
Bis(2-ethylhexyl)Phthalate	*	25,093	25,093	25,093	N/A
Cadmium & Compounds	*	110	110	110	1,000
Carbon Disulfide		N/A	N/A	N/A	750
Chloroform	*	209	209	209	N/A
Chromium & Compounds	*	354	354	354	10,154
Copper Compounds	*	979	979	979	7,238
Cyanide	*	138	138	138	N/A
Diethyl Phthalate		N/A	N/A	N/A	8,100
Dimethyl Phthalate		913	913	913	N/A
Di-N-Butyl Phthalate	*	1,051	1,051	1,051	N/A
Epichlorohydrin		N/A	N/A	N/A	250
Ethylbenzene	*	129	129	129	N/A
Ethylene Oxide		N/A	N/A	N/A	10,600
Formaldehyde		N/A	N/A	N/A	9,105
Lead & Compounds	*	16,742	16,742	16,742	2,416
Methanol		N/A	N/A	N/A	53,063
Methyl Ethyl Ketone		N/A	N/A	N/A	796
Methyl Isobutyl Ketone		N/A	N/A	N/A	N/A
Methylene Chloride	*	3,623	3,623	3,623	4
Nickel & Compounds	*	540	540	540	9,914
Phenol	*	953	953	953	540
p-Chloro-m-Cresol	*	3,417	3,417	3,417	N/A
Selenium & Compounds	*	826	826	826	N/A
Silver & Compounds	*	9	9	9	N/A
Styrene		N/A	N/A	N/A	29,119
Toluene	*	38	38	38	520
Trichloroethylene	*	111	111	111	39,797
Xylene(all iso)		N/A	N/A	N/A	250
Zinc & Compounds	*	3,931	3,931	3,931	1,310
Other Toxic Organics		72	72	72	
SUBTOTAL		65,277	65,277	65,277	433,999
TRIS POLLUTANTS (4)					
2-Methoxyethanol		N/A	N/A	N/A	17,250
Aluminum Oxide		N/A	N/A	N/A	12000
Ammonia		N/A	N/A	N/A	70,064
Ammonia Sulfate		N/A	N/A	N/A	44300
Butyl Acrylate		N/A	N/A	N/A	540
Chlorine and Adducts		N/A	N/A	N/A	250
Di(2-Ethyl Hexyl)Phthalate		N/A	N/A	N/A	2,700
N-Dioctyl Phthalate	*	N/A	N/A	N/A	5,527
Ethyl Acrylate		N/A	N/A	N/A	1,082
Ethylene Glycol		N/A	N/A	N/A	189,489

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PLASTICS MOLDING AND FORMING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Freons		N/A	N/A	N/A	250
Glycol Ethers		N/A	N/A	N/A	250
Hydrochloric acid		N/A	N/A	N/A	78,125
Maleic Anhydride		N/A	N/A	N/A	250
Methyl Methacrylate		N/A	N/A	N/A	61,266
Nitric Acid		N/A	N/A	N/A	54,000
Phosphoric Acid		N/A	N/A	N/A	250
Terephthalic Acid		N/A	N/A	N/A	250
SUBTOTAL		0	0	0	537,843
TOTAL		65,205	65,205	65,205	971,842

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PORCELAIN ENAMELING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
=====					
DSS POLLUTANTS (3)					
1,1,2-Trichloroethane	*	82	69	69	N/A
Antimony & Compounds	*	120,424	10,350	10,350	N/A
Arsenic & Compounds	*	2,156	2,150	2,150	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	259	217	217	N/A
Cadmium & Compounds	*	14,660	1,785	1,785	N/A
Chloroform	*	59	49	49	N/A
Chromium & Compounds	*	3,218	824	824	N/A
Copper & Compounds	*	10,897	9,026	9,026	N/A
Diethyl Phthalate	*	282	237	237	N/A
Di-N-Butyl Phthalate	*	59	49	49	N/A
Di-N-Octyl Phthalate	*	129	109	109	N/A
Lead & Compounds	*	76,459	7,320	7,320	N/A
Methylene Chloride	*	59	49	49	N/A
Nickel & Compounds	*	155,664	14,161	14,161	N/A
Selenium & Compounds	*	18,451	1,584	1,584	N/A
Toluene	*	212	178	178	N/A
Trans-1,2-Dichloroethylene	*	24	20	20	N/A
Tribromomethane	*	24	20	20	N/A
Trichloroethylene	*	47	40	40	N/A
Zinc & Compounds	*	174,022	16,603	16,603	N/A
		-----	-----	-----	
SUBTOTAL		577,187	64,840	64,840	N/A
TOTAL		577,187	64,840	64,840	

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED BY THE
PRINTING AND PUBLISHING CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)(1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	402	373	373	303
1,1,2,2-Tetrachloroethane		29	27	27	N/A
1,1-Dichloroethane	*	43	40	40	N/A
1,2-Dichloroethane	*	14	13	13	N/A
Antimony & Compounds	*	60	56	56	N/A
Arsenic & Compounds	*	2,992	2,812	2,812	N/A
Barium & Compounds		N/A	N/A	N/A	125
Benzene	*	169	157	157	N/A
Bis(2-Chloroethyl) Ether	*	3,688	3,426	3,426	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	3,884	3,563	3,563	N/A
Cadmium & Compounds	*	30,389	28,028	28,028	N/A
Carbon Tetrachloride		14	13	13	N/A
Chloroform		4,065	3,776	3,776	N/A
Chromium & Compounds	*	21,667	20,110	20,110	518
Copper & Compounds	*	58,889	54,560	54,560	17,466
Cyanide	*	37,229	34,772	34,772	N/A
Ethyl Benzene	*	5,386	5,004	5,004	N/A
Lead & Compounds	*	63,785	58,563	58,563	N/A
Mercury & Compounds	*	209	198	198	N/A
Methanol		N/A	N/A	N/A	81,055
Methyl Ethyl Ketone		N/A	N/A	N/A	1,350
Methyl Isobutyl Ketone		N/A	N/A	N/A	250
Methylene Chloride	*	5,216	4,846	4,846	250
Naphthalene	*	3,688	3,426	3,426	N/A
Nickel & Compounds	*	138,879	130,526	130,526	252
p-Chloro-m-Cresol	*	910	845	845	N/A
Phenol	*	4,540	4,540	4,540	N/A
Silver & Compounds	*	46,061	44,445	44,445	1,000
Tetrachloroethylene		N/A	N/A	N/A	1,000
Toluene	*	4,323	4,016	4,016	60,460
Trichloroethylene		1,573	1,461	1,461	N/A
Xylenes		N/A	N/A	N/A	500
Zinc & Compounds	*	397,328	386,375	386,375	538
SUBTOTAL		835,432	795,971	795,971	165,067
TRIS POLLUTANTS (4)					
Aluminum Oxide		N/A	N/A	N/A	250
Diethanolamine		N/A	N/A	N/A	554
Ethylene Glycol		N/A	N/A	N/A	1,485
Glycol Ethers		N/A	N/A	N/A	33,312
Hydroquinone		N/A	N/A	N/A	11,322
Nitric Acid		N/A	N/A	N/A	232,278
Sulfuric Acid		N/A	N/A	N/A	63,876
SUBTOTAL		0	0	0	343,077
TOTAL		835,432	795,971	795,971	508,144

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PULP AND PAPER MILLS CATEGORY

Hazardous Constituents Pollutant	Priority	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	43,005	43,005	43,005	14,177
1,2-Dichloroethane	*	203	203	203	N/A
2,4,6-Trichlorophenol	*	45,518	45,518	45,518	N/A
2,4-Dichlorophenol	*	387	387	387	N/A
Acetone		N/A	N/A	N/A	613,582
Antimony Compounds	*	0	0	0	5,295
Barium and Compounds		N/A	N/A	N/A	35,000
Benzene	*	5,628	5,628	5,628	N/A
Benzoyl Peroxide		N/A	N/A	N/A	N/A
Bis(2-Ethyl Hexyl)Phthalate	*	112,093	112,093	112,093	N/A
Butanol		N/A	N/A	N/A	N/A
Butyl Benzyl Phthalate	*	61,234	61,234	61,234	14,500
Chlorobenzene	*	697	697	697	N/A
Chloroform	*	423,969	423,969	423,969	708,750
Chromium & Compounds	*	62,378	62,378	62,378	20,100
Copper & Compounds	*	82,108	82,108	82,108	N/A
Cyanide	*	34,373	34,373	34,373	N/A
Diethyl Phthalate	*	41,973	41,973	41,973	N/A
Di-N-Butyl Phthalate	*	7,900	7,900	7,900	N/A
EthylBenzene	*	722,060	722,060	722,060	N/A
Formaldehyde		N/A	N/A	N/A	246,204
Lead & Compounds	*	99,315	99,315	99,315	750
Mercury & Compounds	*	995	995	995	N/A
Methanol		N/A	N/A	N/A	39,096,309
Methyl Ethyl Ketone		N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone		N/A	N/A	N/A	N/A
Methylene Chloride	*	5,126	5,126	5,126	19,000
Napthalene	*	2,728	2,728	2,728	N/A
Nickel & Compounds	*	24,335	24,335	24,335	N/A
PCB	*	1,119	1,119	1,119	N/A
Pentachlorophenol	*	124,245	0	0	N/A
Phenol	*	107,366	107,366	107,366	41,746
Tetrachloroethylene	*	1,518	1,518	1,518	N/A
Toluene	*	64,344	64,344	64,344	250
Trichloroethylene	*	5,138	5,138	5,138	N/A
Trichlorofluoromethane		61	61	61	N/A
Xylene(all iso)		N/A	N/A	N/A	11
Zinc & Compounds	*	618,415	616,239	616,239	31,168
SUBTOTAL		2,698,231	2,571,810	2,571,810	40,846,842
TRIS POLLUTANTS (4)					
Acrylonitrile	*	N/A	N/A	N/A	250
Aluminum Oxide		N/A	N/A	N/A	160,135
Ammonia		N/A	N/A	N/A	962,903
Ammonia Nitrate		N/A	N/A	N/A	250
Ammonia Sulfate		N/A	N/A	N/A	300,000
Asbestos	*	N/A	N/A	N/A	8,450
Catechol		N/A	N/A	N/A	244,399
Chlorine and Adducts		N/A	N/A	N/A	71,004
Decabromodiphenyl Oxide		N/A	N/A	N/A	8,590
Ethylene Glycol		N/A	N/A	N/A	31,685

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
PULP AND PAPER MILLS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Glycol Ethers		N/A	N/A	N/A	56,133
Hydrochloric Acid		N/A	N/A	N/A	1,934,260
Phosphoric Acid		N/A	N/A	N/A	1,800
Sulfuric Acid		N/A	N/A	N/A	2,048,478
		-----	-----	-----	
SUBTOTAL		0	0	0	5,828,337
		-----	-----	-----	
TOTAL		2,698,231	2,571,810	2,571,810	46,675,179

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SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE RUBBER MANUFACTURING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	0	0	0	502
Antimony Compounds	*	N/A	N/A	N/A	200
Barium Compounds		N/A	N/A	N/A	88,300
Chloroform	*	0	0	0	2,200
Chromium Compounds	*	1,150	1,150	1,150	1,500
Copper Compounds	*	N/A	N/A	N/A	250
Di(2-Ethyl Hexyl)Phthalate	*	0	0	0	525
Ethyl Benzene	*	2,275	2,275	2,275	N/A
Ethylene Oxide		N/A	N/A	N/A	250
Lead & Compounds	*	0	0	0	287
Methanol		N/A	N/A	N/A	24
Methyl Ethyl Ketone		N/A	N/A	N/A	20
Methylene Chloride	*	0	0	0	7,153
Nickel & Compounds	*	4,300	4,300	4,300	N/A
Styrene		N/A	N/A	N/A	20,262
Tetrachloroethylene	*	0	0	0	15
Toluene	*	31,000	31,000	31,000	23,770
Trichloroethylene	*	N/A	N/A	N/A	5
Xylene(all iso)		N/A	N/A	N/A	10
Zinc & Compounds	*	452,925	452,925	452,925	200,524
	SUBTOTAL	491,650	491,650	491,650	345,797
TRIS POLLUTANTS (4)					
2-Ethoxyethanol		N/A	N/A	N/A	62,000
Acrylamide		N/A	N/A	N/A	225
Chloroprene		N/A	N/A	N/A	62,000
1,3-Butadiene		N/A	N/A	N/A	320
Aluminum Oxide		N/A	N/A	N/A	2,600
Ammonia		N/A	N/A	N/A	18,776
Chlorine and Adducts		N/A	N/A	N/A	95,090
Cobalt Compounds		N/A	N/A	N/A	250
Di-N-Octyl Phthalate	*	N/A	N/A	N/A	250
Ethylene Glycol		N/A	N/A	N/A	1,500
Nitric Acid		N/A	N/A	N/A	21,628
Phosphoric Acid		N/A	N/A	N/A	19,500
Sulfuric Acid		N/A	N/A	N/A	79
	SUBTOTAL	0	0	0	284,218
	TOTAL	491,650	491,650	491,650	630,015

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
 BY THE SERVICE RELATED INDUSTRIES CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Ammonia		N/A	2,300
Sulfuric Acid		N/A	5,418
Xylene		N/A	250
TOTAL			7,968

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE SOAP & DETERGENTS CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,1,1-Trichloroethane	*	N/A	32,492
1,2-Dichlorobenzene	*	N/A	13
1,4-Dichlorobenzene	*	N/A	7,997
1,2,4-Trichlorobenzene	*	N/A	1,500
1,2,4-Trimethylbenzene		N/A	250
2,4-D		N/A	250
1,4-Dioxane		N/A	500
2-Methoxyethanol		N/A	97,000
2-Phenylphenol		N/A	5,150
Acetone		N/A	1,000
Acrylic Acid		N/A	2,807
Aluminum Oxide		N/A	6,244
Ammonia		N/A	1,153,760
Ammonium Sulfate		N/A	15,412
Antimony And Cpds	*	N/A	250
Benzyl Chloride		N/A	2,037
Biphenyl		N/A	2,987
Butanol		N/A	8,260
Butyl Acrylate	*	N/A	570
Butyl Benzyl Phthalate		N/A	750
Chlorine		N/A	7,500
Chloroacetic Acid		N/A	9,776
Chloromethane	*	N/A	3,570
Chlorophenols		N/A	3,400
Chromium And Cpds	*	N/A	1,000
Cresol (Mixed Iso)		N/A	121
Cumene		N/A	262
Decabromodiphenyl Oxide		N/A	750
Di(2-Ethylhexyl)Phthalate		N/A	250
Dibutyl Phthalate		N/A	1,350
Dichlorobezene	*	N/A	750
Diethanolamine		N/A	48,400
Diethyl Sulfate		N/A	250
Dimethyl Sulfate		N/A	750
Epichlorhydrin		N/A	250
Ethyl Acrylate		N/A	250
Ethylbenzene	*	N/A	250
Ethylene Glycol		N/A	143,763
Ethylene Oxide		N/A	3,167
Formaldehyde		N/A	21,719
Freon 113		N/A	311
Glycol Ethers		N/A	344,832
Hydrochloric Acid		N/A	212,299
Hydrogen Fluoride		N/A	1,250
Maleic Anhydride		N/A	472
Methanol		N/A	1,834,498
Methyl Acrylate		N/A	120
Methyl Ethyl Ketone		N/A	750
Methyl Isobutyl Ketone		N/A	250
Methyl Methacrylate		N/A	600
Methylene Chloride	*	N/A	9,270
Naphthalene		N/A	1,554
Nickel And Cpds	*	N/A	605

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE SOAP & DETERGENTS CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Nitric Acid		N/A	5,766
Nitrilotriacetic Acid		N/A	2,750
O-Cresol		N/A	500
Phenol	*	N/A	968
Phosphoric Acid		N/A	70,965
Phthalic Anhydride		N/A	250
Propylene Oxide		N/A	11,385
Pyridine		N/A	44
Sec-Butyl Alcohol		N/A	25,600
Styrene		N/A	500
Sulfuric Acid		N/A	51,699
Terephthalic Acid		N/A	500
Tetrachloroethylene		N/A	5,836
Toluene	*	N/A	53,940
Toluene-2,4-Diisocyanate		N/A	250
Trichloroethylene		N/A	250
Vinyl Acetate		N/A	135
Xylenes (3 Isomers)		N/A	4,180
Zinc And Compounds	*	N/A	2,221
TOTAL			4,231,307

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE STONE,CLAY,GLASS & CONCRETE CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,1,1-Trichloroethane	*	N/A	6,013
2-Ethoxyethanol		N/A	2,250
4,4-Isopropylidenediphenol		N/A	35
Acetone		N/A	10
Aluminum Oxide		N/A	715,637
Ammonia		N/A	430,919
Ammonium Nitrate		N/A	602,980
Ammonium Sulfate		N/A	28,950
Antimony And Cpds	*	N/A	782
Asbestos	*	N/A	47,208
Barium And Cpds		N/A	10,566
Butanol		N/A	11,000
Butyl Benzyl Phthalate	*	N/A	750
Chromium And Cpds	*	N/A	6,956
Cobalt		N/A	1
Copper And Cpds	*	N/A	4,489
Cresol (Mixed Iso)		N/A	1
Dibutyl Phthalate		N/A	500
Ethylene Glycol		N/A	44,020
Formaldehyde		N/A	117,652
Freon 113		N/A	25,000
Glycol Ethers		N/A	2,283
Hydrochloric Acid		N/A	101,580
Hydrogen Fluoride		N/A	60,029
Lead And Cpds	*	N/A	4,444
Manganese Compounds		N/A	250
Methanol		N/A	61,184
Methyl Ethyl Ketone		N/A	21
Methylene Chloride	*	N/A	250
Miscellaneous		N/A	68,750
Nickel And Cpds	*	N/A	917
Nitric Acid		N/A	20,315
Phenol	*	N/A	70,903
Phosphoric Acid		N/A	20,438
Propylene		N/A	500
Styrene		N/A	77,750
Sulfuric Acid		N/A	164,856
Toluene	*	N/A	9
Trichloroethylene		N/A	59
Xylenes (3 Isomers)		N/A	36,001
Zinc And Compounds	*	N/A	8,237
TOTAL			2,754,495

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
TEXTILE MILLS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
1,1,1-Trichloroethane	*	28,940	28,940	28,940	13,869
1,1,2,2-Tetrachloroethane		420	420	420	N/A
1,1-Dichloroethane	*	213	213	213	N/A
1,1-Dichloroethylene	*	1,127	1,127	1,127	N/A
1,2,4-Trichlorobenzene	*	0	0	0	154,179
1,2-Dichlorobenzene	*	4,160	4,160	4,160	N/A
1,2-Dichloroethane	*	162	162	162	N/A
1,2-Dichloropropane	*	1,359	1,359	1,359	N/A
1,3-Dichlorobenzene	*	5,992	5,992	5,992	N/A
1,4-Dichlorobenzene	*	3,350	3,350	3,350	N/A
2,4,6-Trichlorophenol	*	1,392	1,392	1,392	N/A
2,4-Dichlorophenol	*	910	910	910	N/A
2,4-Dimethylphenol	*	2,601	2,601	2,601	N/A
Acetone		N/A	N/A	N/A	811
Acrolin	*	4,356	4,356	4,356	N/A
Antimony & Compounds	*	4,471	4,471	4,471	18,201
Arsenic & Compounds	*	8,465	8,465	8,465	N/A
Benzene	*	3,614	3,614	3,614	N/A
Di(2-Ethyl Hexyl)Phthalate	*	78,346	78,346	78,346	4,619
Butanol		N/A	N/A	N/A	68
Butyl Benzyl Phthalate	*	3,616	3,616	3,616	N/A
Cadmium & Compounds	*	1,274	1,274	1,274	N/A
Chlorobenzene	*	10,100	10,100	10,100	N/A
Chloroform	*	28,572	28,572	28,572	N/A
Chromium & Compounds	*	74,522	74,522	74,522	N/A
Copper & Compounds	*	125,415	125,415	125,415	286
Cyanide	*	9,991	9,991	9,991	N/A
Dichlorobenzenes		N/A	N/A	N/A	7,103
Diethyl Phthalate	*	4,670	4,670	4,670	N/A
Dimethyl Phthalate	*	2,797	2,797	2,797	N/A
Di-N-Butyl Phthalate	*	4,110	4,110	4,110	N/A
Di-N-Octyl Phthalate	*	14	14	14	N/A
EthylBenzene	*	307,049	307,049	307,049	4,183
Formaldehyde		N/A	N/A	N/A	150,781
Lead & Compounds	*	21,116	21,116	21,116	N/A
Mercury & Compounds	*	9,884	9,884	9,884	N/A
Methanol		N/A	N/A	N/A	79,436
Methyl Ethyl Ketone		N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone		N/A	N/A	N/A	N/A
Methylene Chloride	*	60,571	60,571	60,571	N/A
Naphthalene	*	53,749	53,749	53,749	N/A
Nickel & Compounds	*	29,550	29,550	29,550	N/A
PCB	*	1	1	1	N/A
Pentachlorophenol	*	5,500	5,500	5,500	N/A
Phenol	*	20,710	20,710	20,710	N/A
p-Chloro-m-Cresol	*	432	432	432	N/A
Selenium & Compounds	*	4,436	4,436	4,436	N/A
Silver & Compounds	*	11,208	11,208	11,208	N/A
Styrene		N/A	N/A	N/A	750
Tetrachloroethylene	*	63,879	63,879	63,879	332,944
Toluene	*	66,197	66,197	66,197	25,101
Trans-1,2-Dichloroethylene	*	1,693	1,693	1,693	N/A

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
TEXTILE MILLS CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
Trichloroethylene	*	44,831	44,831	44,831	N/A
Trichloroflouromethane		1,072	1,072	1,072	N/A
Xylene (mixed iso)		N/A	N/A	N/A	727,738
Vinyl Chloride		48	48	48	N/A
Zinc & Compounds	*	251,041	251,041	251,041	N/A
SUBTOTAL		1,367,926	1,367,926	1,367,926	1,520,069
TRIS POLLUTANTS (4)					
1,2,4-Trimethylbenzene		N/A	N/A	N/A	61,072
2-Ethoxyethanol		N/A	N/A	N/A	11,000
Ammonia		N/A	N/A	N/A	279,887
Ammonia Nitrate		N/A	N/A	N/A	250
Ammonia Sulfate		N/A	N/A	N/A	1,410,396
Biphenyl		N/A	N/A	N/A	468,563
Chlorine and Adducts		N/A	N/A	N/A	536,303
Diethanolamine		N/A	N/A	N/A	16,112
Ethylene Glycol		N/A	N/A	N/A	213,818
Glycol Ethers		N/A	N/A	N/A	1,187,507
Hydrochloric Acid		N/A	N/A	N/A	6,833
Manganese & Compounds		N/A	N/A	N/A	25,300
Nitrilotriacetic Acid		N/A	N/A	N/A	261,359
Phosphoric Acid		N/A	N/A	N/A	498,922
Sulfuric Acid		N/A	N/A	N/A	2,138,677
Quinone		N/A	N/A	N/A	250
Urethane		N/A	N/A	N/A	10
Vinyl Acetate		N/A	N/A	N/A	2,146,712
SUBTOTAL		0	0	0	9,262,971
TOTAL		1,367,926	1,367,926	1,367,926	10,783,040

SUMMARY OF DSS AND TRIS POLLUTANTS DISCHARGED TO POTWS BY THE
TIMBER PRODUCTS PROCESSING CATEGORY

Hazardous Constituents	Priority Pollutant	DSS(lbs/yr) (1)			TRIS(2) (lbs/yr)
		Raw	Current	After PSES	
DSS POLLUTANTS (3)					
2,4,6-Trichlorophenol	*	416	116	116	N/A
2,4-Dichlorophenol	*	3,530	988	988	N/A
Antimony & Compounds	*	99	99	99	N/A
Anthracene	*	N/A	N/A	N/A	2,199
Arsenic & Compounds	*	2,234	2,234	2,234	260
Benzene	*	2,819	2,819	2,819	379
Di(2-Ethyl Hexyl)Phthalate	*	292	292	292	N/A
Cadmium & Compounds	*	31	31	31	N/A
Chloroform	*	137	137	137	N/A
Chromium & Compounds	*	2,198	2,198	2,198	264
Copper & Compounds	*	10,969	3,449	3,449	50
Ethyl Benzene	*	743	743	743	N/A
Formaldehyde	*	N/A	N/A	N/A	4,150
Lead & Compounds	*	263	263	263	N/A
Mercury & Compounds	*	157	157	157	N/A
Methylene Chloride	*	444	444	444	N/A
Naphthalene	*	0	0	0	14,188
Nickel & Compounds	*	1,482	1,482	1,482	N/A
Pentachlorophenol	*	35,914	10,345	10,345	4,478
Phenol	*	27,301	7,644	7,644	1,500
Selenium & Compounds	*	103	103	103	N/A
Silver & Compounds	*	43	43	43	N/A
Toluene	*	2,905	0	0	17,600
Zinc & Compounds	*	18,907	5,861	5,861	48
SUBTOTAL		110,987	39,448	39,448	45,116
TRIS POLLUTANTS (4)					
Biphenyl		N/A	N/A	N/A	1,577
Dibenzofuran		N/A	N/A	N/A	2,453
Phosphoric Acid		N/A	N/A	N/A	22,350
Quinoline		N/A	N/A	N/A	1,252
SUBTOTAL		0	0	0	27,632
TOTAL		110,987	39,448	39,448	72,748

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
 BY THE TRANSPORTATION SERVICES CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
Hydrochloric Acid		N/A	100
Sulfuric Acid		N/A	310
TOTAL			410

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE WHOLESALE TRADE CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
2-Ethoxyethanol		N/A	8
2-Methoxyethanol		N/A	3,046
Acetone		N/A	2,051
Butanol		N/A	905
Butyl Acrylate		N/A	24
Chlorine		N/A	500
Chromium And Cpds	*	N/A	750
Copper And Cpds	*	N/A	750
Diethanolamine		N/A	361
Ethylene Glycol		N/A	1,536
Glycol Ethers		N/A	4,290
Lead And Cpds	*	N/A	750
Methanol		N/A	2,758
Methyl Ethyl Ketone		N/A	1,619
Methyl Isobutyl Ketone		N/A	1,106
Nickel And Cpds	*	N/A	750
Phosphoric Acid		N/A	250
Toluene	*	N/A	3,600
Vinyl Acetate		N/A	2,166
TOTAL			27,220

SUMMARY OF TRIS POLLUTANTS DISCHARGED TO POTWS
BY THE WOOD FURNITURE CATEGORY

Hazardous Constituents	Priority Pollutants	DSS (lbs/yr)	TRIS (lbs/yr)
1,1,1-Trichloroethane	*	N/A	750
Acetone		N/A	10,784
Butanol		N/A	5,474
Chromium And Cpds	*	N/A	250
Copper And Cpds	*	N/A	750
Cyanide And Cpds	*	N/A	500
Dichloromethane	*	N/A	250
Formaldehyde		N/A	1,000
Glycol Ethers		N/A	1,550
Hydrochloric Acid		N/A	12,500
Methanol		N/A	13,251
Methyl Ethyl Ketone		N/A	8,880
Methyl Isobutyl Ketone		N/A	3,278
Methylene Bromide		N/A	250
M-Xylene		N/A	250
Nickel And Cpds	*	N/A	2,000
Phosphoric Acid		N/A	10,570
Sulfuric Acid		N/A	128,167
Toluene	*	N/A	17,254
Xylenes (3 Isomers)		N/A	9,015
Zinc And Compounds	*	N/A	750
TOTAL			227,473

APPENDIX A-4

**SUMMARY OF TOXIC POLLUTANTS DISCHARGED
BY NONCONSENT DECREE INDUSTRIAL
CATEGORIES**

Report To Congress

Pollutants	Pollutant Found	Construction Industry	Cosmetics, Fragrances & Flavors	Electrical Plants & Serv.	Fertilizer Manufacture	Food & Food By-Products	Hazardous Waste Cleanup	Laboratories & Hospitals	Misc. Chemical Formulation	Motor Veh. Services
1,1,1-Trichloroethane	x		x	x	x	x		x	x	
1,1,2,2-Tetrachloroethane	x					x			x	
1,1-Dichloroethylene	x					x				
1,1-Dichloroethane	x					x	x			
1,2-Dichlorobenzene	x		x			x	x			
1,2-Dichloroethane	x		x	x	x	x	x	x		
1,3-Dichlorobenzene	x						x			
1,4-Dichlorobenzene	x						x			
1,4-Dioxane	x		x		x	x			x	
1,2-Dichloropropane	x				x	x				
2,4,6-Trichlorophenol	x									
2,4-Dimethylphenol	x		x		x					
Acetaldehyde	x		x		x	x				
Acetone	x	x	x		x	x		x	x	x
Acetonitrile	x		x		x	x			x	
Aniline	x		x		x	x			x	
Arsenic	x		x		x	x	x	x		
Benzene	x		x		x	x		x	x	
Benzyle Chloride	x				x	x				
bis(2-ethylhexyl)phthalate	x		x							
Bromoethane	x		x			x				
Butyl Benzyl Phthalate	x		x						x	
Cadmium	x		x	x	x		x	x		x
Carbon Tetrachloride	x		x		x	x		x	x	
Chlorobenzene	x		x		x	x				
Chloroform	x		x		x	x	x	x	x	
Chromium	x	x	x	x	x	x	x	x		x
Copper	x		x		x		x	x		x
Cumene	x		x		x					
Cyanide	x		x		x	x		x	x	
Cyclohexanone	x		x		x	x		x		
Diethyl Phthalate	x		x		x	x				
Dimethyl Phthalate	x		x		x	x				
Di-N-Octyl Phthalate	x		x		x	x				
Di-N-Butyl Phthalate	x		x		x	x		x		
Ethyl Acetate	x		x		x	x			x	
Ethyl Benzene	x							x		
Formaldehyde	x		x		x	x				
Formic Acid	x		x		x	x				
Furan	x		x		x	x				
Furfural	x		x		x	x				
Hexachlorethane	x				x					
Hexachloro-1,3-butadiene	x		x							
Hydrazine	x		x		x	x				
Lead	x		x	x	x	x	x	x	x	x
Mercury	x		x			x	x	x	x	x
Methanol	x		x		x	x		x	x	x

Report To Congress

Pollutants	Pollutant Found	Construction Industry	Cosmetics, Fragrances & Flavors	Electrical Plants & Serv.	Fertilizer Manufacture	Food & Food By-Products	Hazardous Waste Cleanup	Laboratories & Hospitals	Misc. Chemical Formulation	Motor Veh. Services
Methyl Ethyl Ketone	x		x		x	x		x	x	
Methyl Isobutyl Ketone	x	x	x		x	x		x		
Methylene Chloride	x	x	x			x		x	x	
Napthalene	x		x		x	x			x	
Nickel	x		x	x	x			x		x
Nitrobenzene	x		x		x	x				
N-Butyl Alcohol	x		x		x	x				
PCB	x						x	x		
Phenol	x		x		x	x	x	x	x	
Pyridine	x		x		x	x			x	
p-Chloro-m-Cresol	x		x							
Selenium	x		x		x	x		x		x
Silver	x		x		x	x		x		x
Tetrachloroethylene	x		x		x	x			x	
Tetrahydrofuran	x		x			x			x	
Toluene	x	x	x	x	x	x	x	x	x	x
Trans-1,2-Dichloroethylene	x					x				
Tribromomethane	x									
Trichloroethylene	x	x	x		x	x				
Trichlorofluoromethane	x		x			x			x	
Vinyl Chloride	x		x			x		x		
Xylene	x		x		x	x		x	x	x
Zinc	x		x	x	x			x		x
Total	70	6	57	8	49	53	15	29	25	13

Report To Congress

Pollutants	Transportation Services	Waste Reclamation	Waste Treatment & Disposal	Wholesale & Retail Trade	Wood Furn. Manufacturing & Refinishing	Service Related Ind.	Soaps & Detergents	Stone & Mineral Products	TOTAL
1,1,1-Trichloroethane	x	x	x		x	x	x		12
1,1,2,2-Tetrachloroethane	x		x		x		x	x	7
1,1-Dichloroethylene	x		x						3
1,1-Dichloroethane	x	x	x				x		6
1,2-Dichlorobenzene	x	x	x		x				7
1,2-Dichloroethane	x		x		x		x	x	11
1,3-Dichlorobenzene	x								2
1,4-Dichlorobenzene	x								2
1,4-Dioxane	x		x		x		x		8
1,2-Dichloropropane	x		x		x				5
2,4,6-Trichlorophenol	x								1
2,4-Dimethylphenol	x		x		x				5
Acetaldehyde	x		x		x		x		7
Acetone	x	x	x		x		x	x	13
Acetonitrile	x		x						6
Aniline	x		x		x		x		8
Arsenic		x	x	x		x	x		10
Benzene	x		x		x	x	x	x	11
Benzyle Chloride	x								3
bia(2-ethylhexyl)phthalate				x					2
Bromoethane	x		x		x				5
Butyl Benzyl Phthalate									2
Cadmium		x		x		x			9
Carbon Tetrachloride	x		x		x		x	x	10
Chlorobenzene	x		x		x		x	x	8
Chloroform	x		x		x		x	x	12
Chromium		x		x		x	x	x	13
Copper				x		x			7
Cumene	x		x		x		x		6
Cyanide	x	x	x	x	x	x	x	x	13
Cyclohexanone	x		x		x		x		7
Diethyl Phthalate	x				x				5
Dimethyl Phthalate	x		x		x				6
Di-N-Octyl Phthalate	x	x	x	x	x		x		9
Di-N-Butyl Phthalate	x		x		x		x	x	9
Ethyl Acetate	x		x		x		x	x	9
Ethyl Benzene									1
Formaldehyde	x	x	x		x	x	x	x	10
Formic Acid	x	x	x		x		x		8
Furan	x	x	x				x		7
Furfural	x	x	x		x				7
Hexachlorethane	x								2
Hexachloro-1,3-butadiene	x		x						3
Hydrazine	x		x		x		x	x	8
Lead		x	x	x		x		x	13
Mercury		x		x		x	x		10
Methanol	x		x		x		x	x	11

Report To Congress

Pollutants	Transportation Services	Waste Reclamation	Waste Treatment & Disposal	Wholesale & Retail Trade	Wood Furn. Manufacturing & Refinishing	Service Related Ind.	Soaps & Detergents	Stone & Mineral Products	TOTAL
Methyl Ethyl Ketone	x	x	x		x		x	x	11
Methyl Isobutyl Ketone	x		x		x		x		9
Methylene Chloride	x	x	x	x	x	x	x	x	13
Napthalene	x		x		x		x		8
Nickel				x		x			7
Nitrobenzene	x		x		x	x		x	8
N-Butyl Alcohol	x		x		x		x		6
PCB									2
Phenol	x	x	x		x	x	x	x	13
Pyridine	x		x		x		x	x	10
p-Chloro-m-Cresol	x		x				x		4
Selenium		x		x		x			8
Silver		x		x		x		x	9
Tetrachloroethylene	x	x	x		x		x	x	10
Tetrahydroforan	x						x	x	6
Toluene	x	x	x	x	x	x	x	x	17
Trans-1,2-Dichloroethylene	x		x						4
Tribromomethane	x				x				2
Trichloroethylene	x	x	x		x		x	x	10
Trichlorofluoromethane	x		x					x	6
Vinyl Chloride	x		x		x				6
Xylene	x	x	x		x	x	x	x	13
Zinc				x		x			7
Total	58	24	50	15	42	20	39	27	528

Source: Domestic Sewage Study

APPENDIX A-5

**SUMMARY OF POLLUTANT DATA REPORTED IN
THE EPA TOXICS RELEASE INVENTORY SYSTEM
FOR 1988**

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED		CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM RELEASE LBS/DAY	MAXIMUM RELEASE LBS/DAY	MEDIAN RELEASE LBS/DAY	PERCENTAGE
		NO. OF FACILITIES RELEASING	TOTAL RELEASE LBS/DAY						OF TOTAL ATTRIBUTABLE TO MAXIMUM
1	951	951	61,481,639	SULFURIC ACID	33	1	9,440,000	750	15.4
2	155	155	187,006,695	AMMONIUM SULFATE (SOLUTION)	24	11	52,345,936	111,208	28.0
3	490	490	111,590,690	METHANOL	30	1	7,922,060	3,578	7.1
4	910	910	707,495	COPPER AND COMPOUNDS	52	1	96,243	250	13.6
5	766	766	2,426,902	ZINC AND COMPOUNDS	51	1	685,000	250	28.2
6	561	561	36,213,709	HYDROCHLORIC ACID	28	1	14,000,000	750	38.7
7	649	649	13,875,279	PHOSPHORIC ACID	32	1	455,130	2,823	3.3
8	658	658	2,102,584	CHROMIUM AND COMPOUNDS	49	1	520,000	250	24.7
9	518	518	22,319,809	AMMONIA	30	2	1,411,600	2,600	6.3
10	587	587	885,281	NICKEL AND COMPOUNDS	41	1	417,000	250	47.1
11	518	518	8,532,603	GLYCOL ETHERS	29	1	1,410,000	670	16.5
12	472	472	16,322,723	ETHYLENE GLYCOL	29	1	2,828,400	2,400	17.3
13	415	415	23,552,392	NITRIC ACID	21	1	15,000,000	1,067	63.7
14	464	464	3,545,408	TOLUENE	31	1	560,931	250	15.8
15	454	454	209,468	LEAD AND COMPOUNDS	36	1	58,178	250	27.8
16	408	408	295,719	1,1,1-TRICHLOROETHANE	29	1	27,170	250	9.2
17	330	330	14,170,522	ACETONE	29	1	2,400,000	750	16.9
18	370	370	4,158,305	XYLENE (MIXED ISOMERS)	30	1	720,000	250	17.3
19	278	277	2,010,573	MANGANESE AND COMPOUNDS	32	1	1,646,000	250	81.9
20	257	257	2,585,199	DICHLOROMETHANE	26	1	1,100,000	250	42.5
21	239	239	4,632,348	FORMALDEHYDE	26	1	1,291,582	550	27.9
22	224	224	5,601,977	ALUMINUM OXIDE	23	1	2,500,000	750	44.6
23	216	216	3,125,880	CHLORINE	22	1	332,000	750	10.6

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED		CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM RELEASE LBS/DAY	MAXIMUM RELEASE LBS/DAY	MEDIAN RELEASE LBS/DAY	PERCENTAGE	
		NO. OF FACILITIES RELEASING	TOTAL RELEASE LBS/DAY						OF TOTAL ATTRIBUTABLE TO MAXIMUM	
24	216	216	1,148,625	1,148,625	CYANIDE COMPOUNDS	16	1	845,000	250	73.6
25	167	167	5,723,727	5,723,727	PHENOL	22	1	1,412,000	470	24.7
26	172	172	932,817	932,817	METHYL ETHYL KETONE	22	1	296,000	250	31.7
27	155	154	100,738,859	608,859	BARIUM AND COMPOUNDS	21	1	100,130,000	250	99.4
28	133	133	4,511,588	4,511,588	N-BUTYL ALCOHOL	19	5	1,300,000	281	28.8
29	116	116	1,899,977	1,899,977	DIETHANOLAMINE	17	2	630,000	250	33.2
30	115	115	507,325	507,325	ETHYLBENZENE	13	1	150,000	250	29.6
31	114	114	79,258	79,258	TRICHLOROETHYLENE	16	1	39,797	250	50.2
32	95	95	1,508,780	1,508,780	METHYL ISOBUTYL KETONE	18	1	400,000	250	26.5
33	91	91	107,567	107,567	ANTIMONY AND COMPOUNDS	26	1	15,701	250	14.6
34	87	87	586,638	586,638	TETRACHLOROETHYLENE	15	1	103,574	250	17.7
35	85	85	471,291	471,291	STYRENE	14	1	180,204	250	38.2
36	80	80	1,103,015	1,103,015	BENZENE	10	1	440,000	250	39.9
37	85	85	20,365	20,365	CADMIUM AND COMPOUNDS	21	1	1,800	250	8.8
38	81	80	772,468	162,468	NAPHTHALENE	12	1	610,000	250	79.0
39	75	75	711,889	711,889	HYDROGEN FLUORIDE	13	1	187,200	250	26.3
40	76	76	104,193	104,193	FREON 113	9	1	35,061	250	33.7
41	74	74	36,784	36,784	COBALT AND COMPOUNDS	22	1	7,573	250	20.6
42	57	57	1,428,510	1,428,510	BIPHENYL	8	2	165,971	3,283	11.6
43	23	23	7,595,942	7,595,942	AMMONIUM NITRATE (SOLUTION)	11	250	1,713,000	90,000	22.6
44	53	53	191,578	191,578	METHYL METHACRYLATE	9	7	35,000	250	18.3
45	52	52	34,615	34,615	BUTYL ACRYLATE	9	1	10,000	250	28.9
46	44	44	343,298	343,298	ETHYLENE OXIDE	11	2	78,204	2,800	22.8
47	45	45	18,324	18,324	ALUMINUM (FUME OR DUST)	11	3	3,900	250	21.3
48	45	44	2,319,733	173,021	VINYL ACETATE	10	1	2,146,712	250	92.5
49	44	44	8,906	8,906	SILVER AND COMPOUNDS	16	1	770	250	8.6

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED	TOTAL	ADJUSTED	CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM RELEASE LBS/DAY	MAXIMUM RELEASE LBS/DAY	MEDIAN RELEASE LBS/DAY	PERCENTAGE
		NO. OF FACILITIES RELEASING	RELEASE LBS/DAY	RELEASE LBS/DAY						OF TOTAL ATTRIBUTABLE TO MAXIMUM
50	36	36	1,226,573	1,226,573	CHLOROFORM	8	1	358,530	5,300	29.2
51	36	36	36,770	36,770	DIBUTYL PHTHALATE	10	1	6,886	250	18.7
52	24	24	2,098,710	2,098,710	ANILINE	7	3	563,292	23,140	26.8
53	34	34	23,187	23,187	ACRYLIC ACID	9	1	5,800	250	25.0
54	34	34	20,432	20,432	ANTHRACENE	4	1	14,736	72	72.1
55	29	29	955,741	955,741	ACRYLONITRILE	10	2	488,139	250	51.1
56	33	33	27,657	27,657	ETHYL ACRYLATE	8	1	6,500	250	23.5
57	31	30	168,491	28,491	DI(2-ETHYLHEXYL) PHTHALATE (D	10	1	140,000	250	83.1
58	28	28	261,676	261,676	1,2,4-TRICHLOROBENZENE	10	4	59,922	1,187	22.9
59	29	29	44,235	44,235	BUTYL BENZYL PHTHALATE	12	2	13,000	250	29.4
60	30	29	140,917	22,917	CYCLOHEXANE	9	1	118,000	250	83.7
61	26	26	407,276	407,276	PROPYLENE OXIDE	9	18	197,138	696	48.4
62	24	24	510,560	510,560	HYDROQUINONE	8	3	366,000	290	71.7
63	27	26	496,817	106,817	1,2,4-TRIMETHYLBENZENE	13	2	390,000	250	78.5
64	25	25	196,286	196,286	2-ETHOXYETHANOL	11	1	72,100	1,229	36.7
65	26	25	47,726	3,453	DIBENZOFURAN	2	1	44,273	157	92.8
66	21	21	594,769	594,769	ACETONITRILE	7	3	180,000	1,381	30.3
67	23	23	53,441	53,441	PHTHALIC ANHYDRIDE	7	4	19,000	250	35.6
68	23	23	13,493	13,493	ACRYLAMIDE	6	4	6,300	250	46.7
69	21	21	357,992	357,992	CRESOL (MIXED ISOMERS)	8	1	250,000	250	69.8
70	21	20	1,477,242	177,242	1,2-DICHLOROETHANE	8	1	1,300,000	250	88.0
71	20	19	73,385	8,385	EPICHLOROHYDRIN	9	4	65,000	250	88.6
72	18	18	53,973	53,973	CHLOROMETHANE	6	1	37,975	250	70.4
73	15	15	578,774	578,774	CHLOROBENZENE	6	1	200,000	3,660	34.6
74	9	9	1,646,726	1,646,726	TERT-BUTYL ALCOHOL	5	250	1,200,000	7,000	72.9
75	17	17	41,553	41,553	BENZYL CHLORIDE	5	19	28,700	250	69.1
76	16	16	203,279	203,279	CUMENE	10	1	150,000	256	73.8

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED		TOTAL RELEASE LBS/DAY	ADJUSTED TOTAL RELEASE LBS/DAY	CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM RELEASE LBS/DAY	MAXIMUM RELEASE LBS/DAY	MEDIAN RELEASE LBS/DAY	PERCENTAGE OF TOTAL ATTRIBUTABLE TO MAXIMUM
		NO. OF FACILITIES RELEASING	TOTAL RELEASE LBS/DAY								
77	18	17	556,373	6,373	MALEIC ANHYDRIDE	7	2	550,000	250	98.9	
78	17	17	4,728	4,728	PENTACHLOROPHENOL	2	2	2,100	250	44.4	
79	17	16	622,102	139,102	2-METHOXYETHANOL	11	1	483,000	750	77.6	
80	16	16	14,886	14,886	METHYL ACRYLATE	5	1	11,000	250	73.9	
81	16	16	3,126	3,126	ARSENIC COMPOUNDS	7	1	750	245	24.0	
82	15	15	159,369	159,369	CARBON DISULFIDE	7	57	70,000	1,000	43.9	
83	14	14	64,118	64,118	1,2-DICHLOROBENZENE	10	13	28,404	250	44.3	
84	12	12	206,050	206,050	ACETALDEHYDE	5	71	82,830	2,095	40.2	
85	13	13	2,140	2,140	MERCURY AND COMPOUNDS	7	1	1,325	10	61.9	
86	11	11	275,083	275,083	PYRIDINE	6	44	129,648	2,376	47.1	
87	12	12	41,108	41,108	SEC-BUTYL ALCOHOL	7	250	13,300	250	32.4	
88	12	12	37,350	37,350	DIETHYL PHTHALATE	8	1	16,812	250	45.0	
89	10	10	245,399	245,399	CATECHOL	2	1,000	71,000	21,576	28.9	
90	11	11	42,569	42,569	BIS(2-ETHYLHEXYL) ADIPATE	3	2	17,000	250	39.9	
91	11	11	31,135	31,135	4,4'-ISOPROPYLIDENEDIPHENOL	5	35	18,000	250	57.8	
92	10	10	19,090	19,090	DECABROMODIPHENYL OXIDE	7	5	8,590	250	45.0	
93	11	10	44,023	10,334	O-XYLENE	4	1	33,689	250	76.5	
94	10	10	7,713	7,713	METHYL TERT-BUTYL ETHER	3	38	4,035	250	52.3	
95	9	9	157,090	157,090	1,4-DIOXANE	6	250	94,641	950	60.2	
96	9	9	68,148	68,148	ASBESTOS (FRIABLE)	5	4	46,704	250	68.5	
97	10	9	508,571	18,571	DIMETHYL PHTHALATE	7	250	490,000	280	96.3	
98	10	9	264,882	13,273	NITRILOTRIACETIC ACID	5	250	251,609	512	95.0	
99	8	8	68,646	68,646	BENZOYL PEROXIDE	5	1	46,000	250	67.0	
100	9	8	287,483	56,346	N,N-DIMETHYLANILINE	3	250	231,137	8,200	80.4	
101	8	8	34,016	34,016	MOLYBDENUM TRIOXIDE	3	250	18,000	1,532	52.9	
102	8	8	27,450	27,450	ISOPROPYL ALCOHOL (MANUFACT	3	250	15,556	500	56.7	
103	8	8	26,634	26,634	THIOUREA	3	20	12,000	557	45.1	

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED		CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM RELEASE LBS/DAY	MAXIMUM RELEASE LBS/DAY	MEDIAN RELEASE LBS/DAY	PERCENTAGE OF TOTAL ATTRIBUTABLE TO MAXIMUM
		NO. OF FACILITIES RELEASING	TOTAL RELEASE LBS/DAY						
104	8	8	2,860	SELENIUM AND COMPOUNDS	7	250	750	430	26.2
105	9	8	13,208	M-XYLENE	5	2	10,702	250	81.0
106	7	7	44,874	1,3-BUTADIENE	4	70	28,931	250	64.5
107	7	7	5,014	CARBON TETRACHLORIDE	4	1	2,752	250	54.9
108	8	7	1,925	25 ARSENIC	2	1	1,900	4	98.7
109	6	6	186,188		4	250	89,300	9,200	48.0
110	4	4	560,428	4-NITROPHENOL	2	8	400,000	80,210	71.4
111	6	6	54,245	TEREPHTHALIC ACID	5	250	30,000	250	55.3
112	7	6	182,663	DICHLOROBENZENE (MIXED ISOME	4	250	174,000	250	95.3
113	6	6	6,400	2-PHENYLPHENOL	4	250	2,400	750	37.5
114	6	6	5,671	NITROBENZENE	4	1	3,100	250	54.7
115	7	6	17,104	VINYL CHLORIDE	2	14	13,000	250	76.0
116	7	6	40,453	O-CRESOL	4	194	37,139	250	91.8
117	7	6	6,777	N-DIOCTYL PHTHALATE	6	250	5,277	250	77.9
118	7	6	6,406	QUINOLINE	2	2	5,154	250	80.5
119	5	5	7,714	2,4-DIMETHYLPHENOL	3	37	3,374	1,200	43.7
120	5	5	3,303	VINYLDENE CHLORIDE	3	17	2,036	250	61.6
121	5	5	2,400	CHLORINE DIOXIDE	5	250	1,400	250	58.3
122	6	5	744,568	P-CRESOL	2	250	742,628	345	99.7
123	6	5	371,633	BUTYRALDEHYDE	3	250	370,000	357	99.6
124	5	5	1,468	HYDRAZINE	3	3	900	250	61.3
125	6	5	10,727	CHLOROACETIC ACID	4	91	9,276	250	86.5
126	6	5	7,399	4,4'-METHYLENEDIANILINE	4	1	6,146	250	83.1
127	5	5	1,250	METHYLENEBIS(PHENYLISOCYANA	4	250	250	250	20.0
128	5	5	617	3,3'-DICHLOROBENZIDINE	2	5	250	92	40.5
129	4	4	27,952	2,4-D	3	2	20,000	3,975	71.6
130	4	4	6,277	P-PHENYLENEDIAMINE	4	250	2,900	1,564	46.2

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED	TOTAL	ADJUSTED	CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM	MAXIMUM	MEDIAN	PERCENTAGE
		NO. OF FACILITIES RELEASING	RELEASE LBS/DAY	RELEASE LBS/DAY			RELEASE LBS/DAY	RELEASE LBS/DAY	RELEASE LBS/DAY	OF TOTAL ATTRIBUTABLE TO MAXIMUM
131	5	4	6,915	1,077	M-CRESOL	2	9	5,838	250	84.4
132	4	4	1,000	1,000	DIMETHYL SULFATE	2	250	250	250	25.0
133	4	4	890	890	DIETHYL SULFATE	4	140	250	250	28.1
134	4	4	752	752	P-XYLENE	1	2	250	250	33.2
135	4	4	646	646	PHOSPHORUS (YELLOW OR WHITE)	4	1	250	198	38.7
136	4	4	541	541	CHLOROTHALONIL	3	13	250	139	46.2
137	3	3	15,172	15,172	O-TOLUIDINE	2	1,700	9,400	4,072	62.0
138	3	3	9,621	9,621	BIS(2-CHLOROETHYL) ETHER	2	11	5,110	4,500	53.1
139	4	3	37,997	7,997	1,4-DICHLOROBENZENE	2	147	30,000	3,925	79.0
140	3	3	6,097	6,097	METHYLENE BROMIDE	3	250	3,500	2,347	57.4
141	3	3	3,400	3,400	CHLOROPHENOLS	1	750	1,900	750	55.9
142	3	3	2,951	2,951	DIAMINOTOLUENE (MIXED ISOMER)	3	1	2,200	750	74.6
143	3	3	1,010	1,010	URETHANE	3	10	750	250	74.3
144	3	3	713	713	ISOBUTYRALDEHYDE	1	7	456	250	64.0
145	3	3	371	371	TRIFLURALIN	1	11	250	110	67.4
146	3	3	337	337	HYDROGEN CYANIDE	3	4	250	83	74.2
147	3	2	136,775	11,603	1,2-DICHLOROPROPANE	3	3	125,172	11,600	91.5
148	3	2	5,250	1,250	CUMENE HYDROPEROXIDE	3	250	4,000	1,000	76.2
149	2	2	1,000	1,000	2,4-DINITROPHENOL	2	250	750	500	75.0
150	3	2	766,600	500	ALUMINUM OXIDE (FIBROUS FORM)	3	250	766,100	250	99.9
151	3	2	14,900	500	ALLYL CHLORIDE	3	250	14,400	250	96.6
152	2	2	500	500	ETHYLENE THIOUREA	2	250	250	250	50.0
153	2	2	500	500	PROPYLENE	1	250	250	250	50.0
154	2	2	500	500	TOLUENE-2,4-DIISOCYANATE	2	250	250	250	50.0
155	2	2	400	400	1,1,2,2-TETRACHLOROETHANE	2	150	250	200	62.5
156	2	2	179	179	4,4'-DIAMINODIPHENYL ETHER	2	83	96	90	53.6
157	2	2	171	171	CARBARYL	2	44	127	86	74.3

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED	ADJUSTED		CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM RELEASE LBS/DAY	MAXIMUM RELEASE LBS/DAY	MEDIAN RELEASE LBS/DAY	PERCENTAGE
		NO. OF FACILITIES RELEASING	TOTAL RELEASE LBS/DAY	TOTAL RELEASE LBS/DAY						OF TOTAL ATTRIBUTABLE TO MAXIMUM
158	2	2	7	7	BERYLLIUM AND COMPOUNDS	2	3	4	4	57.1
159	2	1	149,000	19,000	2-NITROPHENOL	2	19,000	130,000	74,500	87.2
160	2	1	37,750	3,750	P-CRESIDINE	2	3,750	34,000	18,875	90.1
161	2	1	852	51	HEXACHLOROCYCLOPENTADIENE	2	51	801	426	94.0
162	2	1	761	11	PROPIONALDEHYDE	2	11	750	381	98.6
163	2	1	260	10	HEXACHLOROETHANE	2	10	250	130	96.2
164	2	1	253	3	1,2-DIBROMOETHANE	1	3	250	127	98.8
165	1	0	1,200	0	2,4-DIAMINOTOLUENE	1	1,200	1,200	1,200	100.0
166	1	0	250	0	CAPTAN	1	250	250	250	100.0
167	1	0	250	0	POLYCHLORINATED BIPHENYLS	1	250	250	250	100.0
168	1	0	750	0	1,1,2-TRICHLOROETHANE	1	750	750	750	100.0
169	1	0	250	0	ACROLEIN	1	250	250	250	100.0
170	1	0	780	0	CUPFERRON	1	780	780	780	100.0
171	1	0	250	0	2,4-DIAMINOANISOLE	1	250	250	250	100.0
172	1	0	1,470	0	MANEB	1	1,470	1,470	1,470	100.0
173	1	0	250	0	2,4-DIAMINOANISOLE SULFATE	1	250	250	250	100.0
174	1	0	2,300	0	FLUOMETURON	1	2,300	2,300	2,300	100.0
175	1	0	250	0	AROMATIC ESTER	1	250	250	250	100.0
176	1	0	700,000	0	2,4-DINITROTOLUENE	1	700,000	700,000	700,000	100.0
177	1	0	250	0	SUBSTITUTED PHENOL	1	250	250	250	100.0
178	1	0	5,681	0	ORGANIC NITRILE	1	5,681	5,681	5,681	100.0
179	1	0	250	0	TOLUENE-2,6-DIISOCYANATE	1	250	250	250	100.0
180	1	0	250	0	SAFROLE	1	250	250	250	100.0
181	1	0	215	0	TRICHLORFON	1	215	215	215	100.0
182	1	0	250	0	ETHYLENE	1	250	250	250	100.0
183	1	0	180	0	BENZOYL CHLORIDE	1	180	180	180	100.0
184	1	0	250	0	QUINTOZENE	1	250	250	250	100.0

SUMMARY OF POLLUTANT DATA REPORTED IN THE EPA TOXICS RELEASE INVENTORY SYSTEM FOR 1988

RANK	NO. OF FACILITIES RELEASING	ADJUSTED	TOTAL	ADJUSTED	CHEMICAL	NO. OF CATEGORIES RELEASING	MINIMUM	MAXIMUM	MEDIAN	PERCENTAGE
		NO. OF FACILITIES RELEASING	RELEASE LBS/DAY	TOTAL RELEASE LBS/DAY			RELEASE LBS/DAY	RELEASE LBS/DAY	RELEASE LBS/DAY	RELEASE LBS/DAY	OF TOTAL ATTRIBUTABLE TO MAXIMUM
185	1	0	256,993	0	1,2-BUTYLENE OXIDE	1	256,993	256,993	256,993	100.0
186	1	0	250	0	PROPYLENEIMINE	1	250	250	250	100.0
187	1	0	170,000	0	2,6-DINITROTOLUENE	1	170,000	170,000	170,000	100.0
188	1	0	768	0	O-ANISIDINE	1	768	768	768	100.0
189	1	0	160	0	HEXACHLOROBENZENE	1	160	160	160	100.0
190	1	0	2,230	0	INORGANIC SALT	1	2,230	2,230	2,230	100.0
191	1	0	53	0	NITROGLYCERIN	1	53	53	53	100.0
192	1	0	300	0	HEXACHLORO-1,3-BUTADIENE	1	300	300	300	100.0
193	1	0	40	0	1,3-DICHLOROBENZENE	1	40	40	40	100.0
194	1	0	250	0	STYRENE OXIDE	1	250	250	250	100.0
195	1	0	37	0	HEPTACHLOR	1	37	37	37	100.0
196	1	0	250	0	QUINONE	1	250	250	250	100.0
197	1	0	23	0	CHLORDANE	1	23	23	23	100.0
198	1	0	1,320	0	C.I. BASIC GREEN 4	1	1,320	1,320	1,320	100.0
199	1	0	62,000	0	CHLOROPRENE	1	62,000	62,000	62,000	100.0
200	1	0	7,900	0	SACCHARIN(MANUFACTURING ON	1	7,900	7,900	7,900	100.0
201	1	0	6	0	2,4-DICHLOROPHENOL	1	6	6	6	100.0
202	1	0	750	0	ALIPHATIC HYDROCARBON	1	750	750	750	100.0
203	1	0	250	0	COMPOUND BETA (SOLID)	1	250	250	250	100.0
204	1	0	3,000	0	2-NITROPROPANE	1	3,000	3,000	3,000	100.0
205	1	0	6	0	THALLIUM COMPOUNDS	1	6	6	6	100.0
206	1	0	2	0	TETRACHLORVINPHOS	1	2	2	2	100.0

APPENDIX A-6

**POLLUTANT LEVELS IN TREATED WASTEWATERS
FROM 304(M) STUDIES**

Pollutant Levels in Treated Wastewater (from 304(m) Studies)

ORGANIC AND PESTICIDE POLLUTANTS <i>Compound Name</i>	MACHINERY MANUFACTURING AND REBUILDING		DRUM RECONDITIONING		INDUSTRIAL LAUNDRIES		HOSPITAL INDUSTRY		SOLVENT RECYCLING		PAINT FORMULATION		PHARMACEUTICAL MANUFACTURING		USED OR. RECLAM. AND REFINING		TRANSPORTATION EQUIPMENT CLEANING		HAZARDOUS WASTE TREATMENT			
	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**	uM *	Range (mg/L)**		
Arsenic	3/25	0.04-1.127	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3/14	13-900	...	...
Asymptomatic	3/25	0.007-0.001	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4/14	53-106	...	...
Benzene	13/25	0.075-100.510	4/9	200-430	...	...	5/9	130-1751	5/5	500000-1015450	1/5	1,936,300	3/7	0392-797020	...	...	10/14	134-21023100	9/25	<10-1519000	
Biphenyl	...	...	...	...	...	...	...	...	...	...	...	...	1/7	75	1/6	30400	3/14	327-17000000	...	...
Biphenyls	6/23	0.004-0.000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3/14	41-13350000	...	...
2,6-Dimethylphenol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3/14	477-950	...	...
Benzene	3/25	0.001-1.054	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	6/23	0.002-0.039	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4/14	79-1996	...	...
Benzene	7/23	0.002-0.020	...	...	...	...	3/9	81-304	...	...	...	...	3/7	37-34	4/6	1104-13316	13/14	52-0961	8/25	<10-17171	
Benzene	1/23	0.000	...	...	1/9	0410	...	...	1/5	16	1/5	1253	1/7	203	...	...	...	...	...	...
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2/14	56-034	...	...
Benzene	5/23	0.024-23.402	5/9	230-9999	...	...	1/9	300	...	...	...	...	1/7	107	2/6	52276-40107	...	...	4/23	<10-1129	
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/25	0.015-0.095	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	3/25	0.01-0.041	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	4/23	0.001-0.014	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	3/23	0.01-0.017	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/23	0.013	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/23	7.400	5/9	50-9017	...	...	...	...	...	...	...	...	...	...	...	...	1/14	501	8/23	<10-3401	
Benzene	1/23	14.07	5/9	14-1394	...	...	...	...	1/5	20020	...	...	...	...	2/6	2774-1703	7/14	10-4451	...	...
Benzene	3/23	0.001-1.064	...	...	...	...	1/9	58	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	5/25	0.001-11.003	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8/25	<10-30
Benzene	1/25	0.004-0.071	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/14	30	1/23	13	...
Benzene	3/23	0.001-0.019	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	4/23	0.107-14.100	...	...	...	...	...	...	3/5	13471-1400400	...	...	4/7	763-2031	3/6	5011-49620	3/14	10075-814700	8/25	<10-136073	
Benzene	1/23	0.023	1/9	3317	...	...	...	...	1/5	140104	...	...	3/1	041-1517	...	...	3/14	07-9636	8/25	<10-107	
Benzene	7/23	0.004-0.0	1/9	1300	...	...	...	...	1/5	170103	...	...	...	...	...	...	...	...	...	1/23	<10-751
Benzene	7/23	0.017-1.050	5/9	2000-13541	...	...	...	...	1/5	203033	...	...	...	...	...	...	...	...	...	5/23	<10-1059
Benzene	4/23	0.000-0.001	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2/14	24-5453	...	...
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/14	734	...	...
Benzene	1/6	7818	8/23	<10-329
Benzene	1/23	11.140	1/9	56	1/9	41	...	...	...	...	...	1/7	10	1/6	30	3/14	53-123	8/23	<10-430	...	...
Benzene	3/23	0.017-0.341	1/5	3162430	1/7	2280	3/14	10-0952	4/23	<10-108
Benzene	1/23	0.002	...	...	...	...	...	...	1/5	34354	...	...	...	...	...	...	...	...	...	...	...
Benzene	3/23	0.002-0.027	...	...	...	...	...	...	1/5	36027	...	...	...	...	...	...	...	1/14	128	...	...
Benzene	...	...	...	...	...	...	...	...	1/5	34019	...	...	...	...	...	...	...	...	...	...	...
Benzene	3/23	0.004-0.007	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	6/23	0.001-1.061	...	...	1/9	34	1/9	58	...	...	1/5	513	1/7	76	4/6	1543-11304	...	...	20/23	<10-819	
Benzene	4/23	0.001-0.341	...	...	...	...	...	...	...	...	...	...	3/7	31-2497	1/6	351	...	...	8/23	<10-303	
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/1, 2, 3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8/23	<10-100714
Benzene	6/23	0.002-10.000	...	...	1/9	514	...	...	...	...	1/5	33	1/6	374	...	...	4/12	32	8/23	<10-1512	
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	7/23	0.002-1.904	...	...	1/9	10-304	...	...	...	...	...	1/7	642	...	...	...	...	...	...	30/23	<10-100
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	4/23	0.150-50.100	1/9	80267	6/9	10-13947	...	...	...	...	...	...	...	...	...	...	2/14	35-171	...	...	...
Benzene	1/25	0.011-0.76-33	...	...	...	...	...	...	1/5	1130130	...	...	1/7	41	1/10	5292	...	...	21/23	<10-8081	
Benzene	4/25	0.001	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/25	0.009	1/7	11	3/23	<10-1394
Benzene	2/25	0.001-0.333	...	...	1/9	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/25	0.000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/21	0.001-1.744	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	1/25	0.004-73.022	...	...	6/9	73-10063	...	...	5/5	3328-209030	1/5	1444	2/7	87-195	4/6	515-47221	5/17	19-17203	22/23	<10-9040	
Benzene	1/25	0.017	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benzene	4/25	0.012-0.012	...	...	5/9	15-200	...	...	5/3	1278-24674	1/5	331	1/7	87	3/6	2201-938	6/14	29-8008	21/23	<10-3001	
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/14	51	...	...
Benzene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/6	0-15	...	...

Pollutant Levels in Treated Wastewater from 306(a) Studies

ORGANIC AND PESTICIDE POLLUTANTS Compound Name	MACHINERY MANUFA AND REBUILDING		DRUM RECONDITIONING		INDUSTRIAL LAUNDRIES		HOSPITAL INDUSTRY		SOLVENT RECYCLING		PAINT FORMULATION		PHARMACEUTICAL MANUFACTURING		USED OIL RECLAIM AND REFINING		TRANSPORTATION EQUIPMENT CLEANING		HAZARDOUS WASTE TREATMENT			
	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**	oH *	Range (mg/L)**		
Chloroform	1/23	0.007-1.070	...	...	1/0	30	1/0	13-24	1/0	00220	...	...	1/7	20-2050	1/0	100	4/14	12-430	20/23	<10-1351
Chloroacetaldehyde	1/23	0.011-0.07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4-Chloro-3-nitrophenol	4/23	0.012-0.110	...	...	...	...	...	...	...	...	...	...	1/7	100	1/0	1001	...	...	1/23	<10-1907
3-Chloroaniline	1/23	0.004-0.475	...	...	1/0	200-400	...	...	...	...	1/0	0120	4/7	17-103	...	...	4/13	17-10704	0/23	<10-16400
4-Chloro-3-nitroaniline	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1-Chloro-2-naphthol	1/23	0.00-0.304	...	...	...	...	...	...	1/0	0000	...	...	...	...	...	...	...	...	4/23	<10-30
2,4-Dichlorophenol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3/14	14-61	...	...
2,3,6-Trichlorophenol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/16	11	...	...
2,4,5-Trichlorophenol	1/23	0.001-2.153	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/10	37	...	...
2,4,6-Trichlorophenol	1/23	0.100-0.133	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/14	61	...	...
1,3-Dichloropropane	1/23	0.000-2.120	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,3,3-Trichloropropane	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/14	86	...	...
trans-1,3-Dichloropropane	1/23	0.001-0.300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chrysene	1/23	0.007	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3/14	14-151	...	...
o-Cresol	1/23	0.130-53.350	1/0	17-143	...	...	1/0	11	1/0	10000	...	...	1/7	21	1/0	2317-5133	...	...	0/23	<10-1700
p-Cresol	1/23	17.400	...	...	...	...	...	...	1/0	00210	...	...	1/7	18	4/0	1600-16001	...	...	4/23	<10-60
p-Cymene	1/23	1.061-45.170	6/0	00-1900	...	...	...	...	...	...	...	...	...	...	...	...	1/14	17	...	...
o-Dimethylamine	1/23	0.000-11.036	1/0	11750	...	...	...	...	1/0	917-434722	1/0	12,000	...	...	4/0	1500-0900	...	...	0/23	<10-070
p-Dimethylamine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
p-Dimethylamine	...	...	...	...	...	...	...	...	1/0	1130090-7187970	...	...	...	...	3/0	30301-30990	...	...	...	...
o-Dimethylamine	1/23	0.437-15.720	1/0	1434-12300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/23	<10-1036
o-Dimethylamine	1/23	91.000-1075.71	1/0	0970	...	...	...	...	...	...	...	...	1/0	18	1/0	1750-18010	...	...	4/23	<10-47
p-Dimethylamine	1/23	1.400-130.03	...	...	...	...	...	...	1/0	230717	1/0	1017	1/0	206-212	1/0	1310-1040	1/14	215	...	...
1,2,3,4-Diazaphthalene	1/23	0.300-44.022	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diethylamine	0/23	0.00-71.000	1/0	110-10000	0/0	00-10000	...	...	...	4/7	000-0101	1/0	110-100	1/0	002-1070	0/10	20-10100	0/23	<10-036	
Diethylamine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diethyl ether	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diethyl phthalate	11/23	0.001-14.034	1/0	1010-41347	1/0	113-5445	...	...	1/0	1130370	...	...	...	...	...	...	2/10	51-1401	0/23	<10-51
Diethyl phthalate	4/23	0.013-0.300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fluoranthene	1/23	0.000-1.000	...	...	...	...	...	...	1/0	11300	...	...	...	...	...	...	1/10	20-100	1/23	100
Fluorene	4/23	0.001-1.071	1/0	11	...	...	...	...	1/0	20000	...	...	...	...	...	...	1/10	10-000	4/23	<10-20
Hexachlorobenzene	4/23	<10-10	
Hexachlorocyclopentadiene	4/23	<10-113	
o-Hexamethylenimine	4/23	4.72-0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1/7	100	...	...
o-Hexamethylenimine	1/23	0.100-146.06	1/0	1000-1170	...	...	...	...	1/0	10010	...	...	...	...	...	...	...	...	1/23	<10-2000
Hexamethylenimine	1/23	130.001	1/0	101-1165	4/23	<10-2445	
Hexamethylenimine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hexamethylenimine	1/23	0.131	6/0	1171-25592	6/0	12-0217	1/0	12713-230050	1/0	1000	1/7	04	1/10	04	4/23	<10-2172	
Hexamethylenimine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hexamethylenimine	16/23	0.000-4170.000	1/0	4197-15441	6/0	11-13355	1/0	700110-150000	1/0	130	1/7	2000-10010	7/10	11-2034	23/23	<10-4000	
Hexamethylenimine	1/23	17.054	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
o-Hexamethylenimine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1-Methyl hexamine	1/10	1000
Dimethyl acetylenedicarbonyl	2/10	11-1232	0/23	<10-17
Dimethyl acetylenedicarbonyl	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2-Methyl phthalic anhydride	1/10	2314
3-Methyl phthalic anhydride	1/23	0.115-01.023	...	...	...	...	...	...	1/0	142300	...	...	1/0	1791-2000	1/10	7201	...	...	1/23	<10-2446
4-Methyl phthalic anhydride	1/23	0.331	...	...	...	...	...	...	1/0	113330	...	...	1/0	070-15240	...	...	...	...	...	...
o-Dimethyl phthalic anhydride	...	...	...	...	...	...	...	...	1/0	104330	...	...	1/0	1213	1/10	7030	...	...	...	...
1,0-Dimethyl phthalic anhydride	1/23	0.057-144.045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,0-Dimethyl phthalic anhydride	1/23	0.013-4.300	...	...	...	...	...	...	1/0	11341	...	...	4/0	1000-0310	...	...	...	...	...	...
Dimethyl phthalate	4/23	0.00-0.011	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dimethyl phthalate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dimethyl phthalate	10/23	0.001-11.265	6/0	170-17014	1/0	00-11001	...	...	1/0	145201	1/0	0000-015	...	...	1/0	1501-1322	10/14	14-41040	4/23	<10-203
n-Propylamine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
n-Propylamine	1/23	0.024	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
n-Propylamine	1/23	0.010-0.100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

APPENDIX A-7

**EFFLUENT DESCRIPTIVE STATISTICS BY
CATEGORY, NORTH CAROLINA DATA**

519 REPORT TO CONGRESS

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 1

----- CATEGORY= -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
1	213	218	AG	10.000	0.0001	0.06365	0.0110	411	77
2			AL	80.300	0.0500	4.30588	0.5400	91	14
3			AS	0.460	0.0010	0.07038	0.0500	87	14
4			BORON	31.300	1.0070	8.07125	6.1305	12	2
5			CD	1.750	0.0001	0.02541	0.0100	1039	146
6			CHL_BEN	0.005	0.0050	0.00500	0.0050	1	1
7			CN	7.200	0.0005	0.07238	0.0100	458	60
8			CN_A	0.025	0.0100	0.01750	0.0175	2	2
9			CO	0.032	0.0100	0.02100	0.0210	2	2
10			CR_TOT	70.800	0.0005	0.35086	0.0200	1088	171
11			CU	29.700	0.0010	0.30143	0.0850	1573	177
12			FE	370.000	0.0200	3.14255	0.4000	211	19
13			FL	.	.	.	.	0	.
14			HG	1.290	0.0001	0.03326	0.0004	253	33
15			MN	0.648	0.0100	0.09322	0.0600	50	7
16			NI	6.500	0.0005	0.08456	0.0300	1127	150
17			PB	100.000	0.0005	0.24327	0.0500	1221	147
18			PH	601.000	1.0000	8.03561	7.3500	2589	206
19			PHENOL	31.500	0.0010	0.30893	0.0290	231	25
20			SE	0.100	0.0100	0.05032	0.0500	31	3
21			TOT_MET	35.870	0.1000	3.06196	0.5250	144	25
22			TTO	0.339	0.0330	0.14875	0.1115	4	3
23			ZN	138.000	0.0020	0.62390	0.1800	1720	183

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 2

----- CATEGORY=ADHESIVES AND SEALANTS -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
24	1	1	AG	.	.	.	.	0	.
25			AL	.	.	.	.	0	.
26			AS	.	.	.	.	0	.
27			BORON	.	.	.	.	0	.
28			CD	.	.	.	.	0	.
29			CHL_BEN	.	.	.	.	0	.
30			CN	.	.	.	.	0	.
31			CN_A	.	.	.	.	0	.
32			CO	.	.	.	.	0	.
33			CR_TOT	.	.	.	.	0	.
34			CU	.	.	.	.	0	.
35			FE	.	.	.	.	0	.
36			FL	.	.	.	.	0	.
37			HG	.	.	.	.	0	.
38			MN	.	.	.	.	0	.
39			NI	.	.	.	.	0	.
40			PB	.	.	.	.	0	.
41			PH	9.09	8.08	8.54833	8.53	6	1
42			PHENOL	.	.	.	.	0	.
43			SE	.	.	.	.	0	.
44			TOT_MET	.	.	.	.	0	.
45			TTO	.	.	.	.	0	.
46			ZN	.	.	.	.	0	.

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 3

----- CATEGORY=BATTERY MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
47	5	7	AG	0.050	0.0010	0.03670	0.0500	37	4
48			AL	.	.	.	.	0	.
49			AS	.	.	.	.	0	.
50			BORON	.	.	.	.	0	.
51			CD	0.420	0.0010	0.04567	0.0300	100	3
52			CHL_BEN	.	.	.	.	0	.
53			CN	0.100	0.0020	0.01707	0.0200	44	4
54			CN_A	.	.	.	.	0	.
55			CO	0.138	0.0100	0.02829	0.0100	17	2
56			CR_TOT	0.087	0.0100	0.02444	0.0200	63	4
57			CU	0.350	0.0100	0.09653	0.0720	49	5
58			FE	.	.	.	.	0	.
59			FL	.	.	.	.	0	.
60			HG	0.017	0.0002	0.00264	0.0010	51	3
61			MN	1.160	0.0100	0.14520	0.0600	25	3
62			NI	1.540	0.0100	0.09629	0.0485	130	4
63			PB	0.110	0.0010	0.02957	0.0220	37	3
64			PH	10.600	6.8000	7.89362	7.8000	47	4
65			PHENOL	.	.	.	.	0	.
66			SE	.	.	.	.	0	.
67			TOT_MET	.	.	.	.	0	.
68			TTO	.	.	.	.	0	.
69			ZN	4.700	0.0100	0.57929	0.2900	97	5

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 4

----- CATEGORY=CHEMICALS, PLASTICS, AND SYNTHETIC FIBER -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
70	5	6	AG	0.050	0.0010	0.00645	0.0035	20	3
71			AL	0.010	0.0100	0.01000	0.0100	2	1
72			AS	0.050	0.0040	0.02700	0.0270	2	2
73			BORON	0.077	0.0030	0.01533	0.0030	6	1
74			CD	0.026	0.0010	0.00685	0.0030	34	3
75			CHL_BEN	.	.	.	.	0	.
76			CN	0.020	0.0010	0.00617	0.0050	9	2
77			CN_A	.	.	.	.	0	.
78			CO	.	.	.	.	0	.
79			CR_TOT	0.190	0.0020	0.02956	0.0250	32	3
80			CU	0.529	0.0020	0.06785	0.0305	34	3
81			FE	0.193	0.0020	0.09750	0.0975	2	1
82			FL	.	.	.	.	0	.
83			HG	0.001	0.0005	0.00083	0.0010	6	1
84			MN	0.025	0.0010	0.00533	0.0010	6	1
85			NI	0.190	0.0070	0.03015	0.0250	34	3
86			PB	0.180	0.0100	0.05380	0.0500	49	5
87			PH	10.200	2.1000	6.93077	7.1000	155	5
88			PHENOL	0.005	0.0050	0.00500	0.0050	2	1
89			SE	.	.	.	.	0	.
90			TOT_MET	0.440	0.1600	0.26625	0.2325	4	1
91			TTO	.	.	.	.	0	.
92			ZN	2.500	0.0020	0.25968	0.1130	37	4

EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

----- CATEGORY=COAL, OIL, PETROLEUM PRODUCTS & REFINING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
93	4	4	AG	1.000	0.0010	0.07524	0.00300	17	2
94			AL	.	.	.	.	0	.
95			AS	.	.	.	.	0	.
96			BORON	.	.	.	.	0	.
97			CD	0.036	0.0010	0.01140	0.01000	25	3
98			CHL_BEN	.	.	.	.	0	.
99			CN	0.040	0.0100	0.01944	0.01550	18	2
100			CN_A	.	.	.	.	0	.
101			CO	.	.	.	.	0	.
102			CR_TOT	1.330	0.0100	0.10525	0.02550	16	3
103			CU	0.315	0.0100	0.10965	0.05000	23	3
104			FE	.	.	.	.	0	.
105			FL	.	.	.	.	0	.
106			HG	0.005	0.0001	0.00107	0.00050	8	1
107			MN	0.034	0.0340	0.03400	0.03400	1	1
108			NI	1.150	0.0100	0.12952	0.05400	25	3
109			PB	0.650	0.0050	0.11110	0.01275	24	3
110			PH	12.500	4.5000	7.03657	6.80000	35	4
111			PHENOL	0.023	0.0050	0.01400	0.01400	2	1
112			SE	.	.	.	.	0	.
113			TOT_MET	.	.	.	.	0	.
114			TTO	.	.	.	.	0	.
115			ZN	7.000	0.0100	1.70444	0.92000	25	3

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 6

----- CATEGORY=CONSTRUCTION INDUSTRY -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
116	1	1	AG	0.100	0.005	0.01426	0.0060	19	1
117			AL	.	.	.	.	0	.
118			AS	0.430	0.110	0.26333	0.2500	3	1
119			BORON	.	.	.	.	0	.
120			CD	0.125	0.005	0.03700	0.0200	19	1
121			CHL_BEN	.	.	.	.	0	.
122			CN	1.080	0.020	0.14007	0.0200	14	1
123			CN_A	0.064	0.064	0.06400	0.0640	1	1
124			CO	.	.	.	.	0	.
125			CR_TOT	2.500	0.010	0.41293	0.0685	14	1
126			CU	2.420	0.030	0.34100	0.1050	16	1
127			FE	.	.	.	.	0	.
128			FL	.	.	.	.	0	.
129			HG	0.002	0.002	0.00200	0.0020	3	1
130			MN	0.064	0.064	0.06400	0.0640	1	1
131			NI	0.700	0.006	0.19007	0.1000	15	1
132			PB	21.000	0.015	2.94874	0.1800	19	1
133			PH	9.100	6.200	7.34444	7.2000	18	1
134			PHENOL	.	.	.	.	0	.
135			SE	0.400	0.380	0.38667	0.3800	3	1
136			TOT_MET	.	.	.	.	0	.
137			TTO	2.400	0.284	1.34200	1.3420	2	1
138			ZN	8.400	0.020	0.90281	0.0850	16	1

EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

----- CATEGORY=COSMETICS, FLAVORS, AND FOOD ADDITIVES -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
139	4	4	AG	0.040	0.01	0.01375	0.010	20	3
140			AL	1.570	0.05	0.56267	0.580	15	1
141			AS	0.050	0.05	0.05000	0.050	15	1
142			BORON	.	.	.	.	0	.
143			CD	0.030	0.01	0.01412	0.010	17	2
144			CHL_BEN	.	.	.	.	0	.
145			CN	.	.	.	.	0	.
146			CN_A	.	.	.	.	0	.
147			CO	.	.	.	.	0	.
148			CR_TOT	0.130	0.01	0.02225	0.010	20	3
149			CU	0.370	0.01	0.04891	0.025	23	3
150			FE	4.380	0.01	1.14750	0.720	20	2
151			FL	.	.	.	.	0	.
152			HG	.	.	.	.	0	.
153			MN	0.130	0.07	0.10000	0.100	5	1
154			NI	0.070	0.01	0.01714	0.010	21	3
155			PB	0.107	0.04	0.04539	0.040	18	2
156			PH	8.000	4.92	6.49489	6.700	47	4
157			PHENOL	.	.	.	.	0	.
158			SE	0.050	0.05	0.05000	0.050	15	1
159			TOT_MET	4.970	0.24	2.13062	1.640	8	2
160			TTO	.	.	.	.	0	.
161			ZN	0.760	0.01	0.22309	0.140	23	3

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 8

----- CATEGORY=DYE MANUFACTURING & FORMULATION -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
162	2	2	AG	.	.	.	.	0	.
163			AL	.	.	.	.	0	.
164			AS	.	.	.	.	0	.
165			BORON	.	.	.	.	0	.
166			CD	0.011	0.002	0.00682	0.008	38	2
167			CHL_BEN	.	.	.	.	0	.
168			CN	0.025	0.025	0.02500	0.025	4	1
169			CN_A	.	.	.	.	0	.
170			CO	.	.	.	.	0	.
171			CR_TOT	0.200	0.010	0.03480	0.020	25	2
172			CU	0.780	0.030	0.25747	0.220	40	2
173			FE	.	.	.	.	0	.
174			FL	.	.	.	.	0	.
175			HG	.	.	.	.	0	.
176			MN	.	.	.	.	0	.
177			NI	0.190	0.010	0.05975	0.060	40	2
178			PB	0.180	0.020	0.05843	0.030	44	2
179			PH	8.400	6.600	7.44975	7.385	40	2
180			PHENOL	0.440	0.040	0.19739	0.180	23	1
181			SE	.	.	.	.	0	.
182			TOT_MET	1.022	0.320	0.56576	0.520	17	1
183			TTO	.	.	.	.	0	.
184			ZN	1.550	0.008	0.56932	0.350	44	2

EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

----- CATEGORY=ELECTRICAL AND ELECTRONIC COMPONENTS -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
185	12	13	AG	0.030	0.0005	0.00692	0.0050	24	7
186			AL	1.600	1.0000	1.22500	1.1500	4	1
187			AS	.	.	.	.	0	.
188			BORON	.	.	.	.	0	.
189			CD	0.164	0.0005	0.02037	0.0200	59	8
190			CHL_BEN	.	.	.	.	0	.
191			CN	1.460	0.0010	0.04531	0.0200	49	3
192			CN_A	.	.	.	.	0	.
193			CO	3.100	0.0100	0.93286	0.6000	7	1
194			CR_TOT	0.200	0.0020	0.02855	0.0100	103	10
195			CU	26.000	0.0020	0.69004	0.0990	127	11
196			FE	1.160	0.1600	0.43600	0.3000	5	1
197			FL	80.060	0.0600	5.51341	1.2400	41	5
198			HG	0.880	0.0001	0.07612	0.0030	59	5
199			MN	0.140	0.0100	0.05000	0.0400	5	1
200			NI	0.774	0.0037	0.13539	0.0500	63	10
201			PB	10.400	0.0010	0.23787	0.0500	120	10
202			PH	11.590	1.3000	7.62916	7.4150	178	12
203			PHENOL	1.600	0.0470	0.41535	0.2800	34	1
204			SE	.	.	.	.	0	.
205			TOT_MET	1.470	0.1600	0.79570	0.7600	15	3
206			TTO	1.077	1.0770	1.07700	1.0770	1	1
207			ZN	9.100	0.0050	0.51020	0.2135	134	12

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 10

----- CATEGORY=ELECTROPLATING/METAL FINISHING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
208	86	95	AG	1.00	0.0005	0.0359	0.0150	828	57
209			AL	148.00	0.1000	56.4766	55.0000	83	5
210			AS	0.01	0.0010	0.0058	0.0050	26	2
211			BORON	.	.	.	.	0	.
212			CD	34.09	0.0002	0.1106	0.0100	1396	82
213			CHL_BEN	.	.	.	.	0	.
214			CN	13.90	0.0010	0.1560	0.0100	1399	66
215			CN_A	20.00	0.0040	0.4117	0.0070	55	10
216			CO	0.01	0.0080	0.0093	0.0100	3	3
217			CR_TOT	59.72	0.0010	0.4114	0.0500	1483	77
218			CU	95.50	0.0001	0.5433	0.1300	1997	81
219			FE	319.00	0.0180	13.3649	2.8800	78	12
220			FL	190.00	0.1100	17.5998	14.1800	104	4
221			HG	11.40	0.0001	0.1915	0.0002	70	8
222			MN	1.30	0.0060	0.3025	0.2200	73	9
223			NI	1412.00	0.0001	1.7043	0.1400	2043	80
224			PB	5.70	0.0010	0.1098	0.0500	1513	78
225			PH	226.00	0.0200	8.4438	8.0000	1708	80
226			PHENOL	0.46	0.0010	0.0737	0.0500	78	7
227			SE	0.02	0.0010	0.0064	0.0050	26	2
228			TOT_MET	52.46	0.0070	2.8295	1.9550	218	18
229			TTO	20.90	0.0050	3.0603	0.5000	82	8
230			ZN	710.00	0.0004	0.9758	0.1800	1991	81

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 11

----- CATEGORY=EQUIPMENT MANUFACTURING & ASSEMBLY -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
231	117	141	AG	0.244	0.0005	0.02336	0.0100	711	78
232			AL	49.220	0.0400	5.27107	2.4605	192	10
233			AS	0.050	0.0005	0.02534	0.0100	47	9
234			BORDN	0.003	0.0030	0.00300	0.0030	2	1
235			CD	16.000	0.0002	0.05138	0.0100	1180	98
236			CHL_BEN	.	.	.	.	0	.
237			CN	7.500	0.0010	0.06813	0.0200	750	68
238			CN_A	0.280	0.0050	0.05083	0.0200	15	6
239			CO	0.080	0.0100	0.03500	0.0250	4	3
240			CR_TOT	284.000	0.0005	0.78947	0.0670	1254	101
241			CU	975.000	0.0010	0.94060	0.0815	1602	106
242			FE	80.900	0.0300	4.39969	1.0630	274	18
243			FL	1.000	1.0000	1.00000	1.0000	1	1
244			HG	81.000	0.0001	0.48107	0.0002	178	22
245			MN	2.550	0.0025	0.26970	0.1300	127	13
246			NI	154.400	0.0002	0.55704	0.0500	1427	104
247			PB	100.000	0.0004	0.27673	0.0500	1185	99
248			PH	80.000	1.9000	8.16163	7.9000	1701	113
249			PHENOL	1.000	0.0010	0.13120	0.0500	93	11
250			SE	2.330	0.0010	0.07269	0.0500	51	9
251			TOT_MET	82.900	0.0100	7.58810	1.4900	209	19
252			TTO	13.220	0.0002	0.58994	0.1360	59	17
253			ZN	139.000	0.0020	0.93679	0.2205	1756	112

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 12

----- CATEGORY=FERTILIZER -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
254	1	1	AG	0.13	0.040	0.0775	0.070	4	1
255			AL	.	.	.	.	0	.
256			AS	.	.	.	.	0	.
257			BORON	.	.	.	.	0	.
258			CD	0.21	0.025	0.0772	0.025	9	1
259			CHL_BEN	.	.	.	.	0	.
260			CN	.	.	.	.	0	.
261			CN_A	.	.	.	.	0	.
262			CO	.	.	.	.	0	.
263			CR_TOT	7.00	0.090	1.3456	0.260	9	1
264			CU	14.30	0.160	3.4889	1.740	9	1
265			FE	.	.	.	.	0	.
266			FL	.	.	.	.	0	.
267			HG	.	.	.	.	0	.
268			MN	.	.	.	.	0	.
269			NI	4.50	0.070	1.5744	0.480	9	1
270			PB	6.70	0.025	1.4250	0.025	9	1
271			PH	10.70	6.800	8.8889	9.600	9	1
272			PHENOL	.	.	.	.	0	.
273			SE	.	.	.	.	0	.
274			TOT_MET	34.80	1.080	15.4375	12.935	4	1
275			TTO	.	.	.	.	0	.
276			ZN	9.00	0.070	1.7144	0.190	9	1

EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

----- CATEGORY=FOOD AND FOOD BY-PRODUCT PROCESSING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
277	89	90	AG	0.500	0.0010	0.02706	0.0100	85	13
278			AL	48.440	0.2400	5.65641	0.5500	39	4
279			AS	0.050	0.0010	0.04856	0.0500	34	4
280			BORON	.	.	.	.	0	.
281			CD	0.170	0.0003	0.01378	0.0100	306	40
282			CHL_BEN	.	.	.	.	0	.
283			CN	0.500	0.0020	0.02770	0.0100	56	8
284			CN_A	.	.	.	.	0	.
285			CO	.	.	.	.	0	.
286			CR_TOT	5.000	0.0010	0.07793	0.0150	279	39
287			CU	3.100	0.0050	0.11834	0.0600	303	44
288			FE	31.300	0.0430	2.99331	1.1700	51	8
289			FL	.	.	.	.	0	.
290			HG	0.002	0.0002	0.00064	0.0005	8	4
291			MN	0.890	0.0500	0.25200	0.0700	5	2
292			NI	0.450	0.0010	0.04238	0.0250	282	40
293			PB	1.380	0.0010	0.10334	0.0500	298	42
294			PH	12.800	2.1000	7.21841	7.0000	2044	89
295			PHENOL	0.065	0.0650	0.06500	0.0650	1	1
296			SE	0.050	0.0100	0.04879	0.0500	33	3
297			TOT_MET	5.270	0.1000	1.11326	0.6000	23	7
298			TTD	.	.	.	.	0	.
299			ZN	13.100	0.0080	0.70209	0.2500	342	49

EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

----- CATEGORY=INDUSTRIAL AND COMMERCIAL LAUNDRIES -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
300	22	22	AG	0.060	0.010	0.0222	0.025	29	5
301			AL	.	.	.	.	0	.
302			AS	.	.	.	.	0	.
303			BORON	0.640	0.020	0.2832	0.280	19	2
304			CD	1.195	0.001	0.0824	0.042	93	12
305			CHL_BEN	.	.	.	.	0	.
306			CN	0.850	0.005	0.0977	0.030	23	3
307			CN_A	.	.	.	.	0	.
308			CO	.	.	.	.	0	.
309			CR_TOT	0.660	0.010	0.1234	0.102	111	14
310			CU	6.300	0.025	0.6779	0.517	145	16
311			FE	28.000	0.315	8.3914	4.450	60	3
312			FL	.	.	.	.	0	.
313			HG	0.002	0.002	0.0020	0.002	1	1
314			MN	.	.	.	.	0	.
315			NI	0.440	0.010	0.1043	0.090	125	12
316			PB	3.400	0.009	0.6517	0.480	144	16
317			PH	12.400	5.630	10.0009	10.300	243	22
318			PHENOL	.	.	.	.	0	.
319			SE	.	.	.	.	0	.
320			TOT_MET	5.040	0.120	3.2400	3.450	9	4
321			TIO	.	.	.	.	0	.
322			ZN	8.800	0.025	1.4751	1.379	158	17

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 15

----- CATEGORY=INK MANUFACTURING AND FORMULATION -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
323	1	1	AG	.	.	.	.	0	.
324			AL	.	.	.	.	0	.
325			AS	.	.	.	.	0	.
326			BORON	.	.	.	.	0	.
327			CD	0.025	0.005	0.0150	0.015	8	1
328			CHL_BEN	.	.	.	.	0	.
329			CN	.	.	.	.	0	.
330			CN_A	.	.	.	.	0	.
331			CO	.	.	.	.	0	.
332			CR_TOT	14.180	0.130	4.3696	2.335	8	1
333			CU	52.140	3.440	16.9787	13.990	8	1
334			FE	.	.	.	.	0	.
335			FL	.	.	.	.	0	.
336			HG	.	.	.	.	0	.
337			MN	.	.	.	.	0	.
338			NI	0.250	0.005	0.0637	0.025	8	1
339			PB	63.590	0.870	17.6637	8.615	8	1
340			PH	10.200	7.800	8.9875	8.900	8	1
341			PHENOL	.	.	.	.	0	.
342			SE	.	.	.	.	0	.
343			TOT_MET	.	.	.	.	0	.
344			TTO	.	.	.	.	0	.
345			ZN	14.600	0.180	2.3425	0.640	8	1

519 REPORT TO CONGRESS
NORTH CAROLINA DATA

12:04 TUESDAY, OCTOBER 2, 1990 16

EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

----- CATEGORY=IRON AND STEEL MANUFACTURING & FORMING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
346	4	4	AG	0.085	0.0080	0.02333	0.0150	27	3
347			AL	.	.	.	.	0	.
348			AS	.	.	.	.	0	.
349			BORON	.	.	.	.	0	.
350			CD	0.025	0.0010	0.00591	0.0040	40	4
351			CHL_BEN	.	.	.	.	0	.
352			CN	0.020	0.0020	0.01424	0.0200	25	2
353			CN_A	.	.	.	.	0	.
354			CO	0.006	0.0060	0.00600	0.0060	1	1
355			CR_TOT	0.067	0.0010	0.02176	0.0200	40	4
356			CU	1.710	0.0050	0.27732	0.1325	56	4
357			FE	.	.	.	.	0	.
358			FL	.	.	.	.	0	.
359			HG	.	.	.	.	0	.
360			MN	.	.	.	.	0	.
361			NI	48.460	0.0010	1.25584	0.0470	41	4
362			PB	0.450	0.0063	0.11673	0.0700	55	4
363			PH	9.600	2.5000	8.05510	8.4000	49	4
364			PHENOL	.	.	.	.	0	.
365			SE	.	.	.	.	0	.
366			TOT_MET	0.185	0.0600	0.09375	0.0650	4	1
367			TTO	.	.	.	.	0	.
368			ZN	1.289	0.0010	0.16759	0.0900	41	4

NORTH CAROLINA DATA

EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

----- CATEGORY=LABORATORIES AND HOSPITALS -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
369	27	29	AG	0.590	0.0005	0.0346	0.00700	51	13
370			AL	0.770	0.6800	0.7250	0.72500	2	1
371			AS	0.011	0.0010	0.0031	0.00265	12	1
372			BORON	-	-	-	-	0	-
373			CD	8.900	0.0003	0.0913	0.01100	116	14
374			CHL_BEN	-	-	-	-	0	-
375			CN	0.025	0.0050	0.0119	0.01000	27	4
376			CN_A	-	-	-	-	0	-
377			CO	0.003	0.0030	0.0030	0.00300	1	1
378			CR_TOT	0.290	0.0020	0.0294	0.02000	90	18
379			CU	5.800	0.0050	0.1310	0.07000	126	18
380			FE	2.560	1.3110	1.9093	1.85700	3	2
381			FL	3.000	3.0000	3.0000	3.00000	1	1
382			HG	1.150	0.0001	0.2238	0.00065	48	11
383			MN	-	-	-	-	0	-
384			NI	0.740	0.0010	0.0728	0.02500	114	18
385			PB	0.340	0.0010	0.0508	0.02500	107	17
386			PH	11.800	3.2000	7.7114	7.20000	280	26
387			PHENOL	259.000	0.1730	33.7050	0.87000	8	1
388			SE	0.011	0.0010	0.0025	0.00100	12	1
389			TOT_MET	0.320	0.0800	0.1614	0.15500	7	2
390			TTO	-	-	-	-	0	-
391			ZN	2.860	0.0050	0.2472	0.17700	178	19

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 18

----- CATEGORY=MISC. CHEMICAL FORMULATION -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
392	1	1	AG	0.010	0.005	0.00750	0.0075	2	1
393			AL	.	.	.	.	0	.
394			AS	.	.	.	.	0	.
395			BORON	.	.	.	.	0	.
396			CD	0.053	0.040	0.04650	0.0465	2	1
397			CHL_BEN	.	.	.	.	0	.
398			CN	0.040	0.020	0.03000	0.0300	2	1
399			CN_A	.	.	.	.	0	.
400			CO	.	.	.	.	0	.
401			CR_TOT	0.010	0.010	0.01000	0.0100	1	1
402			CU	0.050	0.015	0.03250	0.0325	2	1
403			FE	.	.	.	.	0	.
404			FL	.	.	.	.	0	.
405			HG	0.002	0.002	0.00200	0.0020	2	1
406			MN	.	.	.	.	0	.
407			NI	0.050	0.050	0.05000	0.0500	2	1
408			PB	0.010	0.005	0.00750	0.0075	2	1
409			PH	8.740	4.770	7.32167	7.9100	6	1
410			PHENOL	.	.	.	.	0	.
411			SE	.	.	.	.	0	.
412			TOT_MET	.	.	.	.	0	.
413			TTO	.	.	.	.	0	.
414			ZN	0.170	0.043	0.10650	0.1065	2	1

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 19

----- CATEGORY=MOTOR VEHICLE SERVICES -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
415	6	6	AG	0.130	0.005	0.03837	0.025	16	4
416			AL	.	.	.	.	0	.
417			AS	.	.	.	.	0	.
418			BORON	.	.	.	.	0	.
419			CD	0.390	0.005	0.04047	0.025	47	6
420			CHL_BEN	.	.	.	.	0	.
421			CN	0.025	0.025	0.02500	0.025	4	1
422			CN_A	.	.	.	.	0	.
423			CO	.	.	.	.	0	.
424			CR_TOT	1.480	0.005	0.15519	0.025	32	6
425			CU	0.940	0.025	0.23494	0.175	32	6
426			FE	.	.	.	.	0	.
427			FL	.	.	.	.	0	.
428			HG	.	.	.	.	0	.
429			MN	.	.	.	.	0	.
430			NI	0.180	0.010	0.06479	0.070	33	6
431			PB	0.872	0.025	0.17694	0.130	33	6
432			PH	12.050	4.600	8.33979	7.610	47	6
433			PHENOL	.	.	.	.	0	.
434			SE	.	.	.	.	0	.
435			TOT_MET	18.370	0.105	3.85625	0.810	12	4
436			TTO	.	.	.	.	0	.
437			ZN	18.000	0.025	2.28342	0.700	33	6

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 20

----- CATEGORY=NONFERROUS METALS FORMING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
438	8	9	AG	0.05	0.0002	0.0100	0.0035	18	5
439			AL	332.20	0.1300	32.4118	4.8550	22	2
440			AS	.	.	.	.	0	.
441			BORON	.	.	.	.	0	.
442			CD	0.05	0.0005	0.0192	0.0225	42	4
443			CHL_BEN	.	.	.	.	0	.
444			CN	0.05	0.0050	0.0202	0.0200	33	5
445			CN_A	.	.	.	.	0	.
446			CO	.	.	.	.	0	.
447			CR_TOT	0.75	0.0025	0.0428	0.0210	65	5
448			CU	16.39	0.0100	1.1345	0.1500	54	6
449			FE	.	.	.	.	0	.
450			FL	12.05	1.7000	9.2100	10.3000	5	1
451			HG	0.22	0.0001	0.0422	0.0005	11	2
452			MN	1.50	0.0200	0.2905	0.0665	6	1
453			NI	0.80	0.0050	0.1957	0.1000	71	6
454			PB	2.16	0.0030	0.1415	0.0500	50	4
455			PH	12.70	4.2000	7.5552	7.1000	77	8
456			PHENOL	.	.	.	.	0	.
457			SE	0.05	0.0014	0.0219	0.0100	6	2
458			TOT_MET	.	.	.	.	0	.
459			TTO	.	.	.	.	0	.
460			ZN	4.00	0.0050	0.3027	0.1250	72	6

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 21

----- CATEGORY=NONFERROUS METALS MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
461	1	1	AG	1.230	0.007	0.29356	0.1855	16	1
462			AL	.	.	.	.	0	.
463			AS	.	.	.	.	0	.
464			BORON	.	.	.	.	0	.
465			CD	0.640	0.010	0.15759	0.1000	17	1
466			CHL_BEN	.	.	.	.	0	.
467			CN	.	.	.	.	0	.
468			CN_A	.	.	.	.	0	.
469			CO	.	.	.	.	0	.
470			CR_TOT	1.010	0.100	0.35386	0.2850	22	1
471			CU	0.260	0.050	0.11350	0.1000	20	1
472			FE	.	.	.	.	0	.
473			FL	.	.	.	.	0	.
474			HG	.	.	.	.	0	.
475			MN	.	.	.	.	0	.
476			NI	0.130	0.130	0.13000	0.1300	1	1
477			PB	.	.	.	.	0	.
478			PH	9.000	5.000	7.89500	8.1500	20	1
479			PHENOL	.	.	.	.	0	.
480			SE	.	.	.	.	0	.
481			TOT_MET	.	.	.	.	0	.
482			TTO	.	.	.	.	0	.
483			ZN	0.592	0.030	0.25573	0.2435	26	1

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 22

----- CATEGORY=ORGANIC CHEMICALS MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
484	5	5	AG	0.010	0.010	0.01000	0.010	13	2
485			AL	3.780	0.280	1.03077	0.540	13	2
486			AS	0.050	0.050	0.05000	0.050	13	2
487			BORON	.	.	.	.	0	.
488			CD	0.025	0.001	0.01032	0.010	31	5
489			CHL_BEN	.	.	.	.	0	.
490			CN	0.072	0.010	0.02883	0.023	6	1
491			CN_A	.	.	.	.	0	.
492			CO	.	.	.	.	0	.
493			CR_TOT	0.490	0.001	0.10513	0.093	31	5
494			CU	0.220	0.004	0.06258	0.039	31	5
495			FE	29.480	0.540	6.79769	4.630	13	2
496			FL	.	.	.	.	0	.
497			HG	.	.	.	.	0	.
498			MN	.	.	.	.	0	.
499			NI	1.070	0.009	0.11911	0.063	35	5
500			PB	3.510	0.005	0.27113	0.046	31	5
501			PH	11.490	6.900	8.45415	8.200	41	5
502			PHENOL	.	.	.	.	0	.
503			SE	0.050	0.050	0.05000	0.050	13	2
504			TOT_MET	.	.	.	.	0	.
505			TTO	.	.	.	.	0	.
506			ZN	3.290	0.070	0.59442	0.241	31	5

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 23

----- CATEGORY=PAINT MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
507	5	5	AG	0.280	0.020	0.05714	0.030	21	3
508			AL	0.100	0.100	0.10000	0.100	1	1
509			AS	.	.	.	.	0	.
510			BORON	.	.	.	.	0	.
511			CD	0.440	0.005	0.06056	0.030	27	4
512			CHL_BEN	.	.	.	.	0	.
513			CN	0.035	0.010	0.02056	0.025	9	2
514			CN_A	.	.	.	.	0	.
515			CO	.	.	.	.	0	.
516			CR_TOT	0.860	0.010	0.12925	0.050	20	3
517			CU	1.180	0.025	0.21476	0.120	21	3
518			FE	.	.	.	.	0	.
519			FL	.	.	.	.	0	.
520			HG	.	.	.	.	0	.
521			MN	.	.	.	.	0	.
522			NI	1.560	0.015	0.27227	0.085	22	4
523			PB	3.060	0.020	0.34641	0.100	22	4
524			PH	9.300	4.100	7.23557	7.200	70	5
525			PHENOL	.	.	.	.	0	.
526			SE	.	.	.	.	0	.
527			TOT_MET	5.100	0.175	1.81083	1.315	6	2
528			TTO	.	.	.	.	0	.
529			ZN	2.200	0.025	0.40173	0.180	33	5

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 24

----- CATEGORY=PESTICIDES FORMULATION & MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
530	1	1	AG	0.0005	0.0005	0.00050	0.00050	2	1
531			AL	.	.	.	.	0	.
532			AS	.	.	.	.	0	.
533			BORON	.	.	.	.	0	.
534			CD	0.1400	0.0005	0.03437	0.02250	12	1
535			CHL_BEN	.	.	.	.	0	.
536			CN	.	.	.	.	0	.
537			CN_A	.	.	.	.	0	.
538			CO	.	.	.	.	0	.
539			CR_TOT	0.1210	0.0025	0.02212	0.00425	8	1
540			CU	3.0100	0.0300	0.57783	0.09000	12	1
541			FE	.	.	.	.	0	.
542			FL	.	.	.	.	0	.
543			HG	0.6000	0.0001	0.24126	0.00600	5	1
544			MN	.	.	.	.	0	.
545			NI	0.6200	0.0050	0.12542	0.05000	12	1
546			PB	0.0500	0.0025	0.02658	0.02750	12	1
547			PH	8.2000	6.4000	7.18333	7.00000	12	1
548			PHENOL	.	.	.	.	0	.
549			SE	.	.	.	.	0	.
550			TOT_MET	.	.	.	.	0	.
551			TTO	.	.	.	.	0	.
552			ZN	0.4700	0.1800	0.29617	0.26250	12	1

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 25

----- CATEGORY=PHARMACEUTICAL MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
553	8	8	AG	0.0250	0.0100	0.01522	0.0100	23	2
554			AL	2.0600	0.2000	0.51733	0.3200	15	1
555			AS	0.3600	0.0001	0.06293	0.0500	29	3
556			BORON	.	.	.	.	0	.
557			CD	0.0250	0.0020	0.01010	0.0100	68	4
558			CHL_BEN	.	.	.	.	0	.
559			CN	0.1100	0.0005	0.02134	0.0200	32	4
560			CN_A	.	.	.	.	0	.
561			CO	.	.	.	.	0	.
562			CR_TOT	0.0500	0.0050	0.01954	0.0200	56	4
563			CU	3.7400	0.0200	0.21967	0.0600	80	5
564			FE	3.7500	0.1900	2.00133	1.7200	15	1
565			FL	.	.	.	.	0	.
566			HG	0.0005	0.0005	0.00050	0.0005	4	1
567			MN	.	.	.	.	0	.
568			NI	0.1300	0.0005	0.02712	0.0250	79	5
569			PB	0.6000	0.0040	0.05868	0.0400	69	4
570			PH	11.2000	1.5500	7.25754	7.3000	667	8
571			PHENOL	0.2640	0.0140	0.08143	0.0470	14	1
572			SE	0.0500	0.0500	0.05000	0.0500	15	1
573			TOT_MET	0.3850	0.1700	0.27125	0.2650	4	1
574			TTO	.	.	.	.	0	.
575			ZN	1.6200	0.0290	0.26769	0.1900	81	5

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 26

----- CATEGORY=PLASTICS MOLDING AND FORMING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
576	6	6	AG	0.0500	0.0500	0.05000	0.05000	2	1
577			AL	.	.	.	.	0	.
578			AS	0.0050	0.0050	0.00500	0.00500	2	1
579			BORON	.	.	.	.	0	.
580			CD	0.0150	0.0010	0.00767	0.00625	12	3
581			CHL_BEN	.	.	.	.	0	.
582			CN	2.0000	0.0100	0.21400	0.02000	10	3
583			CN_A	.	.	.	.	0	.
584			CO	.	.	.	.	0	.
585			CR_TOT	0.1500	0.0300	0.09000	0.09000	2	2
586			CU	0.8800	0.0100	0.12226	0.06400	19	4
587			FE	0.5800	0.3400	0.44333	0.41000	3	1
588			FL	.	.	.	.	0	.
589			HG	0.0005	0.0005	0.00050	0.00050	2	1
590			MN	0.2900	0.0100	0.12333	0.07000	3	1
591			NI	0.0800	0.0100	0.03667	0.02500	9	2
592			PB	0.0500	0.0025	0.02197	0.02500	17	3
593			PH	54.0000	6.5000	9.34107	7.65000	28	6
594			PHENOL	0.0200	0.0050	0.01250	0.01250	2	1
595			SE	0.0050	0.0050	0.00500	0.00500	2	1
596			TOT_MET	1.0600	0.6400	0.89333	0.98000	3	1
597			TTO	.	.	.	.	0	.
598			ZN	0.4810	0.0900	0.24684	0.24000	19	4

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 27

----- CATEGORY=PRINTING AND PUBLISHING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
599	7	8	AG	0.143	0.003	0.03722	0.0280	18	4
600			AL	.	.	.	.	0	.
601			AS	.	.	.	.	0	.
602			BORON	.	.	.	.	0	.
603			CD	0.460	0.003	0.07093	0.0250	27	6
604			CHL_BEN	.	.	.	.	0	.
605			CN	0.066	0.010	0.02433	0.0175	6	1
606			CN_A	0.025	0.025	0.02500	0.0250	2	1
607			CO	.	.	.	.	0	.
608			CR_TOT	0.310	0.005	0.07471	0.0500	28	6
609			CU	1.540	0.010	0.32411	0.1690	38	6
610			FE	.	.	.	.	0	.
611			FL	.	.	.	.	0	.
612			HG	.	.	.	.	0	.
613			MN	.	.	.	.	0	.
614			NI	2.120	0.005	0.33215	0.0500	26	6
615			PB	0.150	0.008	0.04592	0.0500	24	5
616			PH	12.400	5.000	8.52000	8.8800	93	7
617			PHENOL	.	.	.	.	0	.
618			SE	.	.	.	.	0	.
619			TOT_MET	2.950	0.065	1.42900	1.7075	10	2
620			TTO	.	.	.	.	0	.
621			ZN	1.190	0.025	0.44767	0.3640	49	7

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 28

----- CATEGORY=PULP & PAPER -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
622	1	1	AG	0.005	0.0050	0.00500	0.00500	1	1
623			AL	.	.	.	.	0	.
624			AS	.	.	.	.	0	.
625			BORON	.	.	.	.	0	.
626			CD	0.110	0.0060	0.05800	0.05800	2	1
627			CHL_BEN	.	.	.	.	0	.
628			CN	0.045	0.0200	0.03250	0.03250	2	1
629			CN_A	.	.	.	.	0	.
630			CO	.	.	.	.	0	.
631			CR_TOT	.	.	.	.	0	.
632			CU	0.046	0.0450	0.04550	0.04550	2	1
633			FE	.	.	.	.	0	.
634			FL	.	.	.	.	0	.
635			HG	0.002	0.0020	0.00200	0.00200	1	1
636			MN	.	.	.	.	0	.
637			NI	0.060	0.0440	0.05200	0.05200	2	1
638			PB	0.150	0.0043	0.07715	0.07715	2	1
639			PH	8.800	7.1000	8.40851	8.40000	599	1
640			PHENOL	.	.	.	.	0	.
641			SE	.	.	.	.	0	.
642			TOT_MET	.	.	.	.	0	.
643			TTO	.	.	.	.	0	.
644			ZN	0.110	0.0600	0.08500	0.08500	2	1

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 29

----- CATEGORY=RUBBER MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
645	10	10	AG	0.050	0.0030	0.01029	0.0100	14	2
646			AL	4.500	1.7500	3.12500	3.1250	2	1
647			AS	0.006	0.0060	0.00600	0.0060	1	1
648			BORON	.	.	.	.	0	.
649			CD	0.160	0.0015	0.02449	0.0105	50	6
650			CHL_BEN	.	.	.	.	0	.
651			CN	0.040	0.0050	0.01452	0.0100	21	3
652			CN_A	.	.	.	.	0	.
653			CO	0.010	0.0100	0.01000	0.0100	5	1
654			CR_TOT	0.147	0.0040	0.03363	0.0200	49	6
655			CU	0.360	0.0020	0.09489	0.0820	66	8
656			FE	11.000	4.4000	7.70000	7.7000	2	1
657			FL	.	.	.	.	0	.
658			HG	0.002	0.0005	0.00150	0.0020	13	2
659			MN	.	.	.	.	0	.
660			NI	0.130	0.0010	0.03411	0.0250	51	6
661			PB	0.260	0.0010	0.05625	0.0460	57	7
662			PH	11.500	5.3000	7.77459	7.5000	111	10
663			PHENOL	1.900	0.0650	0.66437	0.4700	8	1
664			SE	.	.	.	.	0	.
665			TOT_MET	.	.	.	.	0	.
666			TTO	.	.	.	.	0	.
667			ZN	35.000	0.0100	6.19238	3.6930	69	8

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 30

----- CATEGORY=SERVICE RELATED IND./ NON MOTOR VEHICLE -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
668	6	6	AG	1.430	0.0050	0.11537	0.025	41	5
669			AL	.	.	.	.	0	.
670			AS	.	.	.	.	0	.
671			BORON	.	.	.	.	0	.
672			CD	0.150	0.0020	0.02064	0.020	48	6
673			CHL_BEN	.	.	.	.	0	.
674			CN	0.074	0.0100	0.02203	0.025	29	3
675			CN_A	0.025	0.0250	0.02500	0.025	16	1
676			CO	.	.	.	.	0	.
677			CR_TOT	0.610	0.0050	0.05216	0.025	44	5
678			CU	5.140	0.0250	0.41526	0.040	47	6
679			FE	.	.	.	.	0	.
680			FL	.	.	.	.	0	.
681			HG	0.320	0.0035	0.16750	0.220	5	1
682			MN	.	.	.	.	0	.
683			NJ	0.600	0.0100	0.09290	0.025	50	6
684			PB	2.291	0.0250	0.28042	0.025	45	6
685			PH	12.900	2.3400	7.83556	7.310	54	6
686			PHENOL	.	.	.	.	0	.
687			SE	.	.	.	.	0	.
688			TOT_MET	9.590	0.4450	3.89812	1.000	8	2
689			TTO	.	.	.	.	0	.
690			ZN	4.800	0.0250	0.41287	0.145	52	6

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 31

----- CATEGORY=SOAP AND DETERGENTS MANUFACTURING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
691	9	9	AG	0.050	0.0050	0.02600	0.0250	20	2
692			AL	.	.	.	.	0	.
693			AS	.	.	.	.	0	.
694			BORON	.	.	.	.	0	.
695			CD	0.500	0.0010	0.02526	0.0100	46	7
696			CHL_BEN	.	.	.	.	0	.
697			CN	0.025	0.0020	0.00756	0.0050	9	4
698			CN_A	.	.	.	.	0	.
699			CO	.	.	.	.	0	.
700			CR_TOT	0.750	0.0100	0.07251	0.0500	41	7
701			CU	1.000	0.0070	0.13329	0.0500	52	8
702			FE	.	.	.	.	0	.
703			FL	.	.	.	.	0	.
704			HG	0.002	0.0003	0.00132	0.0015	4	2
705			MN	.	.	.	.	0	.
706			NI	0.410	0.0050	0.06164	0.0500	50	8
707			PB	2.660	0.0025	0.14742	0.0500	54	8
708			PH	10.000	1.3000	7.73305	7.6000	59	9
709			PHENOL	.	.	.	.	0	.
710			SE	.	.	.	.	0	.
711			TOT_MET	1.390	0.1150	0.54350	0.4900	10	3
712			ITO	.	.	.	.	0	.
713			ZN	1.200	0.0250	0.20389	0.1250	54	8

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 32

----- CATEGORY=STONE, CLAY, GLASS, AND CONCRETE -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
714	15	16	AG	0.870	0.0005	0.04940	0.0145	76	10
715			AL	.	.	.	.	0	.
716			AS	0.004	0.0005	0.00175	0.0020	16	1
717			BORON	0.840	0.0100	0.24562	0.2400	72	2
718			CD	0.210	0.0005	0.01275	0.0092	103	10
719			CHL_BEN	.	.	.	.	0	.
720			CN	0.020	0.0025	0.00771	0.0050	63	7
721			CN_A	.	.	.	.	0	.
722			CO	0.002	0.0020	0.00200	0.0020	1	1
723			CR_TOT	0.220	0.0025	0.03513	0.0200	80	11
724			CU	4.750	0.0025	0.38218	0.1540	183	12
725			FE	2.000	0.0180	0.92450	0.8400	4	2
726			FL	3.620	0.2000	0.93831	0.8800	65	3
727			HG	0.570	0.0001	0.06452	0.0004	14	4
728			MN	.	.	.	.	0	.
729			NI	0.720	0.0050	0.05756	0.0500	97	11
730	PB	1.208	0.0050	0.10129	0.0500	105	12		
731	PH	22.000	4.7000	8.22222	7.6050	316	14		
732	PHENOL	0.460	0.0001	0.09542	0.0110	11	3		
733	SE	.	.	.	.	0	.		
734	TOT_MET	2.100	0.3400	1.09130	1.0600	23	1		
735	TTO	.	.	.	.	0	.		
736	ZN	38.210	0.0040	1.16608	0.2400	173	13		

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 33

----- CATEGORY=TEXTILE MILLS -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
737	206	210	AG	2.40	0.0007	0.0313	0.0100	438	70
738			AL	496.40	0.0060	5.1643	0.4500	157	24
739			AS	3.30	0.0005	0.0713	0.0405	110	26
740			BORON	64.22	0.0010	0.9878	0.2500	101	8
741			CD	0.86	0.0002	0.0115	0.0080	1236	119
742			CHL_BEN	.	.	.	.	0	.
743			CN	0.20	0.0010	0.0154	0.0100	636	64
744			CN_A	0.10	0.0060	0.0372	0.0240	8	3
745			CO	0.05	0.0010	0.0141	0.0100	8	5
746			CR_TOT	3.00	0.0010	0.0636	0.0200	1162	164
747			CU	3.36	0.0010	0.2279	0.0900	1791	176
748			FE	45.00	0.0020	0.7865	0.3550	488	31
749			FL	.	.	.	.	0	.
750			HG	1.00	0.0002	0.0033	0.0004	556	49
751			MN	2119.00	0.0010	18.4645	0.0200	115	9
752			NI	0.68	0.0002	0.0428	0.0300	1284	140
753			PB	1.11	0.0010	0.0613	0.0500	1286	128
754			PH	432.00	0.0200	8.0775	7.8000	3503	203
755			PHENOL	350.00	0.0001	0.8854	0.0360	738	60
756			SE	1.17	0.0010	0.0530	0.0500	71	14
757			TOT_MET	4.37	0.1000	0.9324	0.7620	221	14
758			TTO	.	.	.	.	0	.
759			ZN	367.00	0.0020	0.7311	0.1700	1917	178

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 34

----- CATEGORY=TIMBER PRODUCTS PROCESSING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
760	4	4	AG	.	.	.	.	0	.
761			AL	.	.	.	.	0	.
762			AS	.	.	.	.	0	.
763			BORON	.	.	.	.	0	.
764			CD	0.020	0.0030	0.00853	0.010	17	1
765			CHL_BEN	.	.	.	.	0	.
766			CN	0.025	0.0025	0.01394	0.020	17	1
767			CN_A	.	.	.	.	0	.
768			CO	.	.	.	.	0	.
769			CR_TOT	0.067	0.0030	0.01723	0.010	13	1
770			CU	0.564	0.0100	0.09047	0.025	17	1
771			FE	1.507	0.0020	0.46567	0.440	15	1
772			FL	.	.	.	.	0	.
773			HG	0.002	0.0010	0.00153	0.002	15	1
774			MN	.	.	.	.	0	.
775			NI	0.120	0.0070	0.02182	0.010	17	1
776			PB	0.443	0.0050	0.10318	0.030	17	1
777			PH	8.300	6.3000	7.31724	7.400	87	4
778			PHENOL	0.270	0.0050	0.05840	0.031	15	1
779			SE	.	.	.	.	0	.
780			TOT_MET	.	.	.	.	0	.
781			TTO	.	.	.	.	0	.
782			ZN	2.504	0.0180	0.34806	0.060	17	1

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 35

----- CATEGORY=TRANSPORTATION SERVICES -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
783	14	14	AG	0.025	0.0005	0.01467	0.0125	24	4
784			AL	.	.	.	.	0	.
785			AS	0.005	0.0050	0.00500	0.0050	2	1
786			BORON	.	.	.	.	0	.
787			CD	1.200	0.0020	0.11342	0.0600	179	14
788			CHL_BEN	.	.	.	.	0	.
789			CN	0.100	0.0050	0.02484	0.0100	63	4
790			CN_A	.	.	.	.	0	.
791			CO	.	.	.	.	0	.
792			CR_TOT	13.200	0.0058	0.60099	0.1600	173	13
793			CU	10.200	0.0020	0.35374	0.1700	179	14
794			FE	0.250	0.2500	0.25000	0.2500	1	1
795			FL	.	.	.	.	0	.
796			HG	0.002	0.0002	0.00108	0.0005	17	1
797			MN	.	.	.	.	0	.
798			NI	1.690	0.0050	0.14446	0.0700	180	14
799			PB	3.160	0.0100	0.23421	0.1000	180	14
800			PH	12.600	3.7000	7.55590	7.3500	156	13
801			PHENOL	0.050	0.0500	0.05000	0.0500	2	1
802			SE	.	.	.	.	0	.
803			TOT_MET	23.680	0.1500	6.41900	3.4000	10	3
804			TTO	2.300	2.3000	2.30000	2.3000	1	1
805			ZN	18.000	0.0070	0.93749	0.3000	187	14

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 36

----- CATEGORY=WHOLESALE & RETAIL TRADE -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
806	2	2	AG	.	.	.	.	0	.
807			AL	.	.	.	.	0	.
808			AS	.	.	.	.	0	.
809			BORON	.	.	.	.	0	.
810			CD	0.025	0.005	0.01500	0.0150	8	2
811			CHL_BEN	.	.	.	.	0	.
812			CN	.	.	.	.	0	.
813			CN_A	.	.	.	.	0	.
814			CO	.	.	.	.	0	.
815			CR_TOT	0.025	0.025	0.02500	0.0250	8	2
816			CU	0.180	0.020	0.05375	0.0350	8	2
817			FE	.	.	.	.	0	.
818			FL	.	.	.	.	0	.
819			HG	.	.	.	.	0	.
820			MN	.	.	.	.	0	.
821			NI	0.090	0.015	0.03125	0.0250	8	2
822			PB	0.100	0.025	0.05125	0.0500	8	2
823			PH	11.900	6.450	8.10875	7.0300	8	2
824			PHENOL	.	.	.	.	0	.
825			SE	.	.	.	.	0	.
826			TOT_MET	0.275	0.125	0.19125	0.1825	4	1
827			TTO	.	.	.	.	0	.
828			ZN	0.906	0.100	0.30712	0.1670	8	2

519 REPORT TO CONGRESS
 NORTH CAROLINA DATA
 EFFLUENT DESCRIPTIVE STATISTICS BY CATEGORY

12:04 TUESDAY, OCTOBER 2, 1990 37

----- CATEGORY=WOOD FURNITURE MFG. AND REFINISHING -----

OBS	# OF IU'S IN CATEGORY	# OF PIPES IN CATEGORY	POLLUTANT	MAX OF CONC	MIN OF CONC	MEAN OF CONC	MEDIAN OF CONC	N OF CONC	# OF IU'S IN CATEGORY PER POLLUTANT
829	20	22	AG	0.100	0.0100	0.02811	0.025	54	6
830			AL	.	.	.	.	0	.
831			AS	0.020	0.0200	0.02000	0.020	2	1
832			BORON	.	.	.	.	0	.
833			CD	0.083	0.0011	0.01174	0.010	72	10
834			CHL_BEN	.	.	.	.	0	.
835			CN	0.768	0.0050	0.04611	0.010	47	6
836			CN_A	.	.	.	.	0	.
837			CO	.	.	.	.	0	.
838			CR_TOT	0.280	0.0050	0.05241	0.050	63	10
839			CU	72.640	0.0100	1.24340	0.050	106	14
840			FE	0.100	0.1000	0.10000	0.100	1	1
841			FL	.	.	.	.	0	.
842			HG	18.000	0.0007	4.50117	0.002	4	2
843			MN	.	.	.	.	0	.
844			NI	2.100	0.0040	0.09849	0.050	74	11
845			PB	0.200	0.0006	0.04499	0.050	76	10
846			PH	10.900	2.1000	7.84892	7.600	213	20
847			PHENOL	0.160	0.0300	0.07636	0.050	11	3
848			SE	.	.	.	.	0	.
849			TOT_MET	3.600	0.0500	0.48529	0.150	17	2
850			TTO	6.700	1.2700	3.94400	4.470	5	1
851			ZN	10.000	0.0020	0.53569	0.223	146	14

APPENDIX B-1

**CALCULATED REMOVAL EFFICIENCIES FOR
POLLUTANTS FROM THE 47-POTW DATA BASE**

This appendix provides removals calculated for individual plants from the 52 POTW data base. Removals were calculated for pollutants that were detected in either the influent or effluent streams for plants that met the definition of a secondary treatment facility. In order to facilitate the comparison of removal efficiencies between POTW's, the average influent and effluent concentrations were calculated by pollutant for each POTW for each year that the facility reported data. Therefore, the average influent and effluent concentrations listed in this appendix may represent data from several years at a single facility in addition to data from separate and distinct facilities.

For data points reported that were greater than detection limit uniform rounding rules were applied. All data points were reported two decimal places. To determine the final data point the following rules were followed. Rounding was based on a comparison between the second and third decimal point. If the third decimal point was greater than five, then the value to the left is rounded up. If the third decimal point was less than five the data point to the left remains the same. If the third decimal point is five it is compared to the value to the left. Even numbered data points remained the same, and odd numbered datapoints were rounded up to the next even number.

Furthermore, whenever a data point was reported as less than the detection limit, one half of the detection limit was used to calculate averages. Thus, quantitative measurements that fell below the detection limit but were not zero were taken into account. Unless otherwise indicated by a facility, the detection limits used in these calculations were obtained from "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater," Environmental Monitoring and Support Laboratory, Cincinnati, Ohio, 45268. EPA-600/4-82-057. July 1982.

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
ACENAPHTHENE	0.00	0.00	60	1
ACETONE	0.08	0.08	6	1
ALDRIN	0.11	0.07	34	1
ALPHA-BHC	0.08	0.00	94	2
AMMONIA NITROGEN	31.50	38.00	-21	26
	17.33	16.67	4	
	28.10	5.38	81	
	16.77	15.65	7	
	194.07	18.93	90	
	48.87	32.00	35	
ANTIMONY	0.01	0.00	94	5
	0.00	0.00	-17	
	0.00	0.02	-275	
	0.02	0.04	-100	
AROCLOR 1221	0.02	0.01	68	1
AROCLOR 1232	0.02	0.01	68	1
AROCLOR 1260	0.30	0.05	83	1
ARSENIC	0.01	0.01	20	16
	0.00	0.00	-33	
	0.00	0.00	-300	
	0.00	0.00	20	
	0.00	0.01	-100	
	0.02	0.02	0	
	0.01	0.00	55	
	0.00	0.00	50	
	0.00	0.00	0	
	0.00	0.00	57	
	0.01	0.01	-17	
	0.04	0.01	75	
	0.00	0.00	61	
BARIUM	0.21	0.04	81	9
	0.18	0.05	71	
	0.10	0.10	0	
	0.32	0.09	71	
	0.11	0.02	77	
BENZENE	0.02	0.00	99	2
	0.01	0.00	99	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
BENZENE	0.01	0.00	99	2
	0.01	0.00	99	
BENZOIC ACID	0.10	0.02	78	17
	2.58	0.00	100	
	11.42	0.00	100	
BENZYL ALCOHOL	22.79	0.00	100	13
	15.28	0.15	99	
	0.00	0.01	-1500	
BERYLLIUM	0.01	0.00	50	2
	0.00	0.00	0	
BETA-BHC	0.04	0.00	87	4
	0.06	0.00	92	
BIS (2-CHLOROETHOXY)METHANE	0.02	0.00	75	1
BIS (2-CHLOROETHYL)ETHER	0.01	0.00	69	1
BIS (2-ETHYLHEXYL)PHTHALATE	0.05	0.08	-69	67
	0.02	0.00	75	
	0.00	0.00	55	
	0.02	0.00	73	
	0.04	0.03	23	
	0.01	0.00	92	
	0.04	0.03	25	
	0.06	0.00	92	
	0.06	0.02	72	
	0.01	0.00	92	
	0.02	0.00	94	
	0.11	0.12	-2	
	0.14	0.08	42	
	0.17	0.12	26	
	0.11	0.03	70	
	0.03	0.06	-100	
0.02	0.00	72		
0.02	0.02	-6		
BOD	118.42	12.55	89	46
	116.83	9.50	92	
	124.00	2.30	98	
	194.00	154.00	21	
	162.00	14.87	91	
	165.17	63.00	62	
	151.00	2.40	98	
	232.33	14.87	94	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	INFLUENT CONC. * (mg/l)	EFFLUENT CONC. * (mg/l)	REMOVAL (%)	# SAMPLES PER POLLUTANT
BOD (cont.)	184.00	2.40	99	
	256.67	30.03	88	
BROMOCIL	0.02	0.00	92	1
BUTYL BENZYL PHTHALATE	0.02	0.01	68	4
	0.00	0.01	-100	
	0.04	0.01	83	
CADMIUM	0.01	0.00	50	119
	0.02	0.02	0	
	0.01	0.01	30	
	0.11	0.03	68	
	0.03	0.02	33	
	0.00	0.00	39	
	0.01	0.00	50	
	0.05	0.01	79	
	0.03	0.04	-50	
	0.01	0.01	0	
	0.00	0.01	-58	
	0.00	0.00	25	
	0.00	0.00	-60	
	0.00	0.01	-1362	
	0.00	0.00	44	
	0.00	0.00	33	
	0.00	0.00	12	
	0.05	0.01	75	
	0.01	0.01	15	
	0.00	0.00	0	
	0.02	0.00	75	
	0.01	0.00	74	
	0.00	0.00	69	
	0.01	0.01	0	
	0.00	0.00	64	
	0.04	0.02	61	
0.20	0.00	100		
0.00	0.00	60		
0.03	0.01	71		
0.00	0.00	-50		
0.00	0.00	9		
0.01	0.00	53		
0.01	0.00	50		
0.01	0.00	55		
CARBOFURAN	0.25	0.00	99	1
CARBON TETRACHLORIDE	0.00	0.08	-1520	3
	0.00	0.09	-1710	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	INFLUENT CONC. * (mg/l)	EFFLUENT CONC. * (mg/l)	REMOVAL (%)	# SAMPLES PER POLLUTANT
CHLORODANE	0.05	0.00	90	1
CHLORODIBROMOMETHANE	0.00	0.01	-280	5
	0.01	0.00	75	
	0.00	0.01	-140	
CHLOROFORM	0.00	0.00	50	10
	0.01	0.01	13	
	0.01	0.01	36	
	0.00	0.01	-11E3	
	0.02	0.02	0	
	0.01	0.01	-17	
	0.01	0.02	-206	
	0.01	0.02	-242	
CHLOROMETHANE	0.54	0.00	99	2
	0.00	0.05	-900	
CHROMIUM	0.01	0.02	-100	161
	0.01	0.00	58	
	0.00	0.00	50	
	0.02	0.00	75	
	0.02	0.00	80	
	0.09	0.01	89	
	0.13	0.02	85	
	1.90	0.21	89	
	0.00	0.00	76	
	0.04	0.04	0	
	0.02	0.01	55	
	0.06	0.02	65	
	0.11	0.02	81	
	0.41	0.11	73	
	0.00	0.00	53	
	0.09	0.10	11	
	0.03	0.01	56	
	0.01	0.01	29	
	0.01	0.01	55	
	0.01	0.00	50	
	0.04	0.01	69	
	0.04	0.01	71	
	0.01	0.00	75	
	0.04	0.00	85	
	0.15	0.01	94	
	0.02	0.00	83	
	0.56	0.00	100	
	0.52	0.51	2	
	0.08	0.03	62	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>	
CHROMIUM (cont.)	0.01	0.01	3		
	0.00	0.01	-180		
	0.04	0.03	20		
	0.12	0.04	70		
	0.02	0.01	50		
	0.02	0.02	-59		
	0.01	0.00	63		
	0.06	0.01	82		
	0.01	0.01	15		
	0.07	0.05	28		
	0.08	0.05	40		
	0.03	0.04	-25		
	0.05	0.06	-20		
	0.10	0.02	74		
	0.05	0.02	50		
	0.02	0.06	-140		
	0.01	0.01	38		
	0.00	0.01	-183		
	CHRYSENE	0.00	0.01	-88	1
	CIS-1,3-DICHLOROPROPANE	0.08	0.09	-9	1
COPPER	0.05	0.02	57	259	
	0.06	0.03	54		
	0.23	0.04	84		
	0.19	0.03	86		
	0.10	0.01	45		
	0.20	0.03	86		
	0.03	0.01	67		
	0.08	0.03	62		
	0.12	0.03	75		
	0.02	0.02	0		
	0.17	0.06	63		
	0.02	0.00	76		
	0.10	0.05	50		
	0.07	0.03	57		
	0.12	0.03	76		
	0.04	0.01	71		
	0.16	0.02	88		
	0.02	0.00	98		
	0.19	0.05	73		
	0.09	0.03	66		
0.15	0.02	87			
0.01	0.00	61			
0.10	0.00	99			
0.09	0.01	85			
0.07	0.04	49			

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
COPPER (cont.)	0.02	0.01	54	
	0.02	0.04	-110	
	0.06	0.01	84	
	0.09	0.02	76	
	0.05	0.03	40	
	0.15	0.06	61	
	0.11	0.04	65	
	0.11	0.03	74	
	0.11	0.03	72	
	0.11	0.00	100	
	0.08	0.02	81	
	0.08	0.02	74	
	0.20	0.00	100	
	0.05	0.02	69	
	0.03	0.08	-148	
	0.03	0.00	97	
	0.12	0.06	54	
	0.06	0.02	68	
	0.06	0.01	85	
	0.03	0.03	0	
	0.03	0.00	92	
	0.05	0.02	70	
	0.02	0.02	0	
	0.09	0.08	9	
	0.01	0.02	-100	
	0.03	0.01	58	
	0.10	0.00	99	
	0.05	0.02	55	
	0.15	0.30	-94	
	0.08	0.04	47	
	0.05	0.04	28	
	0.06	0.02	62	
	0.03	0.00	83	
	0.06	0.01	85	
0.09	0.02	73		
0.04	0.01	65		
0.03	0.02	39		
CYANIDE	0.01	0.02	-100	75
	0.00	0.00	90	
	0.00	0.00	-136	
	0.01	0.01	-10	
	0.00	0.06	-1100	
	0.00	0.00	62	
	0.01	0.01	17	
	0.54	0.05	91	
	0.01	0.00	71	
	0.33	0.06	81	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
CYANIDE (cont.)	0.01	0.01	18	
	0.05	0.06	-14	
	0.01	0.04	-300	
	0.01	0.06	-414	
	0.01	0.03	-200	
	0.01	0.02	-113	
	0.04	0.02	34	
	0.00	0.01	-150	
	0.00	0.04	-1500	
	0.01	0.02	-100	
	0.00	0.04	-700	
	0.01	0.03	-193	
	0.01	0.03	-240	
	0.03	0.06	-115	
	0.08	0.00	94	
DELTA BHC	0.02	0.00	76	1
DI-N-BUTYL PHTHALATE	0.00	0.00	71	12
	0.01	0.00	50	
	0.08	0.05	34	
	0.04	0.02	52	
	0.03	0.03	12	
DI-N-OCTYL PHTHALATE	0.01	0.00	93	18
	0.02	0.00	97	
	0.01	0.02	-100	
	0.02	0.02	9	
	0.08	0.00	94	
	0.01	0.00	53	
	0.19	0.04	78	
	0.19	0.04	78	
0.18	0.00	99		
DICHLOROBROMOMETHANE	0.00	0.01	-490	6
	0.00	0.00	50	
	0.00	0.02	-736	
	0.00	0.03	-1020	
DIETHYL PHTHALATE	0.01	0.00	93	23
	0.01	0.00	58	
	0.02	0.00	66	
	0.02	0.00	70	
	0.02	0.00	77	
	0.01	0.00	66	
	0.02	0.02	-13	
	0.01	0.00	70	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
DIMETHYL PHTHALATE	0.05	0.00	99	1
ENDRIN	0.01	0.00	63	1
ENDRIN ALDEHYDE	0.01	0.00	62	1
ETHYLBENZENE	0.03	0.00	100	4
	0.00	0.00	97	
	0.12	0.00	96	
	0.01	0.00	71	
GAMMA-BHC (LINDANE)	0.10	0.00	95	1
HEPTACHLOR	0.03	0.01	72	1
HEPTACHLOR EPOXIDE	0.01	0.00	55	1
HEXAVALENT CHROMIUM	0.02	0.01	65	1
ISOPHORONE	0.01	0.00	84	1
LEAD	0.02	0.03	-50	159
	0.04	0.03	25	
	0.06	0.00	92	
	0.16	0.05	68	
	0.10	0.05	50	
	0.08	0.01	87	
	0.03	0.01	67	
	0.34	0.20	42	
	0.12	0.04	63	
	0.04	0.02	60	
	0.06	0.02	58	
	0.01	0.00	50	
	0.09	0.01	89	
	0.12	0.10	18	
	0.10	0.10	0	
	0.03	0.02	43	
	0.02	0.01	39	
	0.02	0.01	62	
	0.02	0.01	33	
	0.05	0.02	51	
	0.03	0.04	27	
	0.11	0.00	95	
	0.08	0.04	52	
	0.02	0.02	30	
	0.04	0.03	25	
	0.01	0.00	83	
	0.09	0.01	89	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
LEAD (cont.)	0.00	0.00	-58	
	0.11	0.05	58	
	0.08	0.00	93	
	0.03	0.01	56	
	0.28	0.06	77	
	0.03	0.02	47	
	0.04	0.01	64	
	0.02	0.01	43	
	0.20	0.15	25	
	0.14	0.04	71	
	0.05	0.00	90	
	0.07	0.03	61	
	0.13	0.02	80	
	0.02	0.05	-127	
	0.07	0.05	27	
	0.03	0.02	45	
	0.04	0.01	67	
	0.07	0.05	28	
MAGNESIUM	415.00	415.00	0	1
MANGANESE	0.14	0.12	12	13
	0.07	0.01	86	
	0.13	0.02	86	
	0.02	0.01	35	
	0.10	0.03	70	
	0.27	0.04	87	
MERCURY	0.00	0.00	67	43
	0.01	0.01	17	
	0.03	0.00	56	
	0.00	0.00	67	
	0.00	0.00	0	
	0.00	0.00	90	
	0.00	0.00	-100	
	0.00	0.00	95	
	0.00	0.00	-400	
	0.01	0.00	50	
	0.00	0.00	57	
	0.00	0.00	21	
	0.00	0.00	31	
	0.00	0.00	60	
	0.00	0.00	24	
	0.00	0.00	0	
	0.00	0.00	62	
	0.00	0.00	90	
0.00	0.00	33		
0.01	0.00	70		

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
MERCURY (cont.)	0.00	0.00	40	
	0.00	0.00	-84	
	0.00	0.00	-40	
	0.03	0.00	99	
	0.00	0.00	88	
METHOMYL	0.08	0.03	69	1
METHYLENE CHLORIDE	0.60	0.47	22	26
	0.41	0.30	27	
	0.01	0.00	57	
	0.00	0.00	98	
	0.13	0.23	-80	
	0.10	0.00	100	
	0.01	0.00	99	
	0.01	0.01	0	
	0.01	0.03	-163	
	0.07	0.00	96	
	0.00	0.00	97	
	0.02	0.01	47	
	0.01	0.01	48	
	0.02	0.06	-188	
0.26	0.02	94		
0.01	0.01	-42		
MOLYBDENUM	0.33	0.23	31	9
	0.27	0.26	2	
N-NITROSODIPHENYLAMINE	0.01	0.00	76	1
N-NITROSODIPROPYLAMINE	0.00	0.00	50	1
NAPHTHALENE	0.02	0.02	0	4
	0.02	0.00	75	
	0.03	0.00	83	
	0.03	0.00	83	
NICKEL	0.00	0.02	-300	145
	0.06	0.05	9	
	0.06	0.02	73	
	0.07	0.00	93	
	0.10	0.08	25	
	0.11	0.01	91	
	0.06	0.02	67	
	0.97	0.49	49	
	0.01	0.00	33	
	0.07	0.02	71	
	0.14	0.14	0	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
NICKEL (cont.)	0.03	0.01	63	
	0.02	0.02	0	
	0.10	0.01	90	
	0.06	0.05	14	
	0.05	0.04	20	
	0.06	0.03	55	
	0.05	0.05	0	
	0.02	0.00	73	
	0.00	0.00	0	
	0.00	0.01	-100	
	0.01	0.02	-60	
	0.02	0.01	50	
	0.03	0.02	50	
	0.03	0.01	67	
	0.01	0.01	0	
	0.05	0.04	26	
	0.00	0.20	-3900	
	0.03	0.03	-14	
	0.01	0.01	-4	
	0.01	0.01	-24	
	0.00	0.00	44	
	0.13	0.01	92	
	0.00	0.07	-1240	
	0.06	0.00	91	
	0.13	0.15	-18	
	0.06	0.09	-68	
	0.05	0.04	19	
	0.04	0.04	11	
	0.05	0.02	50	
	0.06	0.04	36	
0.01	0.01	9		
0.02	0.01	50		
PENTACHLOROPHENOL	0.02	0.02	0	1
PHENANTHRENE	0.02	0.01	50	2
	0.05	0.00	90	
PHENOLS	0.04	0.00	88	80
	0.01	0.00	56	
	0.21	0.01	95	
	0.06	0.11	-90	
	0.12	0.02	79	
	0.10	0.08	17	
	0.02	0.00	100	
	0.03	0.00	100	
	0.20	0.00	98	
0.01	0.00	99		

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
PHENOLS (cont.)	0.10	0.00	100	
	0.08	0.00	100	
	0.00	0.00	75	
	0.04	0.01	75	
	0.10	0.04	62	
	0.14	0.04	71	
	0.16	0.04	74	
	0.06	0.02	62	
	0.08	0.01	86	
	0.04	0.03	25	
	0.02	0.00	100	
	0.03	0.00	100	
	0.06	0.01	78	
	0.03	0.04	-33	
	4.01	0.10	97	
	0.52	0.35	32	
	0.43	0.15	64	
	0.19	0.15	21	
	PHOSPHOROUS	0.42	5.30	-1162	1
PYRENE	0.01	0.00	61	3
	0.01	0.00	50	
SELENIUM	0.01	0.00	95	13
	0.00	0.00	9	
	0.00	0.00	50	
	0.00	0.00	0	
	0.00	0.00	-125	
	0.01	0.00	75	
	0.00	0.00	25	
	0.00	0.00	67	
SILVER	0.50	0.10	80	77
	0.00	0.00	0	
	0.02	0.00	92	
	0.01	0.00	50	
	0.01	0.01	33	
	0.01	0.01	0	
	0.01	0.00	55	
	0.04	0.01	73	
	0.02	0.00	67	
	0.01	0.00	85	
	0.00	0.20	-40E3	
	0.02	0.01	33	
	0.01	0.01	32	
	0.01	0.00	49	
	0.00	0.00	44	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
SILVER (cont.)	0.01	0.00	95	
	0.04	0.00	86	
	0.01	0.00	81	
	0.02	0.00	94	
	0.00	0.00	70	
	0.01	0.01	-7	
	0.04	0.01	75	
	0.02	0.01	58	
	0.01	0.00	50	
	0.05	0.03	43	
TETRACHLOROETHYLENE	0.04	0.00	88	14
	0.02	0.00	74	
	0.01	0.00	58	
	0.01	0.00	58	
	0.02	0.00	99	
	0.02	0.00	69	
	0.04	0.01	74	
	0.00	0.01	-30	
	0.00	0.01	-263	
THALLIUM	0.00	0.01	-20	20
	0.10	0.00	95	
	0.25	0.00	98	
	0.01	0.00	50	
	0.42	0.18	57	
	0.23	0.42	-83	
	0.20	0.18	10	
	0.10	0.08	20	
	0.13	0.01	92	
	0.87	1.02	-17	
	0.20	0.00	97	
	0.07	0.11	-48	
	0.09	0.06	38	
0.05	0.02	50		
TITANIUM	0.10	0.20	-100	1
TOLUENE	0.06	0.07	-14	18
	0.12	0.08	28	
	0.03	0.00	100	
	0.01	0.00	99	
	0.01	0.00	99	
	0.01	0.00	81	
	0.08	0.00	97	
	0.02	0.00	86	
	0.01	0.00	99	
	0.02	0.00	88	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
TOLUENE (cont.)	0.00	0.00	98	
	0.01	0.00	78	
TRICHLOROETHYLENE	0.24	0.10	56	14
	0.00	0.00	97	
	0.01	0.00	99	
	0.04	0.00	93	
	0.06	0.00	96	
	0.01	0.00	69	
	0.08	0.00	97	
TRICHLOROFLOUROMETHANE	2.72	0.02	99	8
	0.03	0.05	-50	
TSS	113.83	13.93	88	45
	114.17	11.77	90	
	142.00	4.50	97	
	362.33	166.50	54	
	136.40	43.40	68	
	255.67	45.50	82	
	183.00	5.00	97	
	218.67	7.17	97	
	154.00	26.00	83	
	214.00	12.87	94	
VINYL CHLORIDE	0.00	0.03	-540	1
XYLENE	0.18	0.14	22	2
ZINC	0.10	0.05	53	275
	0.08	0.06	29	
	0.10	0.00	95	
	0.50	0.18	64	
	1.29	0.79	39	
	0.24	0.16	37	
	0.22	0.14	35	
	0.05	0.05	5	
	0.15	0.11	23	
	0.13	0.03	77	
	0.08	0.03	62	
	0.36	0.09	75	
	0.11	0.02	77	
	0.17	0.08	53	
	0.28	0.07	74	
	0.27	0.19	30	
	0.11	0.03	76	
0.10	0.02	85		
0.16	0.05	69		

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
ZINC (cont.)	0.09	0.06	28	
	0.22	0.06	73	
	0.07	0.02	71	
	0.13	0.03	78	
	0.22	0.16	28	
	0.12	0.06	46	
	0.15	0.12	18	
	0.34	0.05	84	
	0.11	0.02	77	
	0.12	0.02	83	
	0.20	0.08	59	
	0.19	0.05	72	
	0.21	0.09	58	
	0.18	0.12	34	
	0.06	0.01	83	
	0.05	0.05	0	
	0.25	0.03	87	
	0.02	0.01	65	
	0.11	0.04	60	
	0.05	0.04	22	
	0.22	0.04	80	
	0.27	0.07	73	
	0.16	0.07	55	
	0.22	0.04	82	
	0.13	0.06	54	
	0.08	0.03	62	
	0.20	0.05	76	
	0.30	0.06	79	
	0.08	0.05	35	
	0.08	0.04	51	
	0.00	0.10	-20E3	
	0.14	0.06	60	
	0.14	0.13	3	
	0.12	0.05	61	
	0.04	0.00	88	
	0.10	0.05	49	
	0.22	0.03	87	
	0.31	0.03	89	
	0.18	0.04	80	
	0.22	0.02	88	
	0.10	0.06	46	
	0.07	0.06	16	
1,1-DICHLOROETHANE	0.00	0.04	-700	1
1,1-DICHLOROETHYLENE	0.01	0.01	0	6

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
1,1,1-TRICHLOROETHANE	0.03	0.00	92	4
	0.03	0.00	92	
	0.00	0.01	-160	
	0.01	0.00	56	
1,1,2-TRICHLOROETHANE	0.01	0.01	0	4
	0.01	0.00	55	
	0.10	0.00	100	
	0.00	0.06	-1000	
1,2-DICHLOROBENZENE	0.00	0.01	-233	3
	0.01	0.00	67	
	0.02	0.00	88	
1,2-DICHLOROETHANE	0.00	0.00	98	2
	0.01	0.00	98	
1,2-TRANS-DICHLOROETHYLENE	0.12	0.14	-17	13
	0.06	0.05	20	
	0.18	0.00	97	
	0.00	0.00	97	
	0.04	0.00	88	
	0.02	0.00	76	
	0.02	0.00	86	
1,3-DICHLOROBENZENE	0.25	0.00	98	4
	0.08	0.12	-53	
1,4-DICHLOROBENZENE	0.00	0.00	90	14
	0.01	0.01	0	
	0.01	0.00	75	
	0.01	0.00	66	
	0.02	0.00	74	
	0.02	0.04	-94	
2-CHLORONAPHTHALENE	0.01	0.00	60	1
2-METHYL PHENOL	0.01	0.00	50	2
	0.02	0.00	75	
2-METHYLNAPHTHALENE	0.06	0.00	91	2
2-NITROPHENOL	0.46	0.00	99	1
2,4-DIMETHYLPHENOL	0.01	0.00	72	3
	0.04	0.00	97	
	0.05	0.00	90	

* ARITHMETIC MEAN

CONTINUED

<u>POLLUTANT</u>	<u>INFLUENT CONC. * (mg/l)</u>	<u>EFFLUENT CONC. * (mg/l)</u>	<u>REMOVAL (%)</u>	<u># SAMPLES PER POLLUTANT</u>
2,4-DINITROPHENOL	0.03	0.00	81	5
	0.02	0.02	-34	
2,4-DINITROTOLUENE	0.02	0.00	74	1
4-METHYL PHENOL	0.05	0.00	90	24
	0.06	0.01	97	
	0.04	0.00	88	
	0.00	0.00	6	
	0.01	0.00	69	
4,4' -DDD	0.01	0.00	71	2
	0.00	0.03	-480	

* ARITHMETIC MEAN

APPENDIX B-2

**CALCULATED REMOVALS AND DLS FOR
POLLUTANTS FROM THE MISA STUDY**

This appendix provides removals calculated for individual plants from the Ontario Government's Municipal Industrial Strategy for Abatement (MISA) study. The calculated removals (Table A1) are for pollutants detected either in the influent or effluent wastestreams for 30 of 37 plants in the MISA study which met the definition of a secondary treatment facility.

The MISA study reported influent/effluent concentrations as geometric means over the sampling period for each plant. Where only the influent or effluent concentration was found to be below detection levels, one-half of the detection limit was used in calculating removals. The detection limits for the pollutants in the MISA study are provided in this appendix (Table A2). The MISA study states...."for approximately 10% of the samples, the analytical laboratory was able to achieve reliable results below those DLs. This will explain the reason that in some cases the minimum reported concentrations presented are lower than the 'typical DL' ".

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY.

	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
CHLOROFORM	20	2.98	85
	33	2.28	93
	25.85	1.28	95
	52	1.33	97
	20	1.11	94
	45.13	1	98
	29.83	1.28	96
	27.29	1.53	94
	20	1.46	93
	54.44	1.92	96
	20	1.33	93
	20	1.17	94
	23.72	1.21	95
	20	8.4	58
	29.52	2.15	93
	21.89	1.18	95
	20	1.55	92
20	3.2	84	
20	1.69	92	
ETHYL BENZENE	23.72	1	96
	131.35	1	99
	20	1.28	94
	22.25	1	96
	29.8	1	97
	21.69	1	95
	20	1.22	94
	34.66	1	97
	28.13	1	96
	16.8	1	94
M & P XYLENES	24.62	1.31	95
	181.03	1	99
	21.3	1	95
	20	1.39	93
	25.05	1	96

* GEOMETRIC MEANS AS CALCULATED IN ONTARIO GOVERNMENT'S MISA STUDY.

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	43.68	1	98
	22.17	1	95
	23.2	1	96
	22.52	1	96
	32.77	1	97
	52.09	1.77	97
O-XYLENE	23.32	1	96
	48.72	1	98
	20	1.33	93
	21.54	1	95
	25.92	1	96
	20	1.5	93
	25.64	1.1	96
	17.19	1	94
1,1,1-TRICHLOROETHANE	20	1.53	92
	20	1.28	94
	34.38	1.67	95
	25.94	1.36	95
	24.44	1	96
	91.34	5.07	94
	21.59	1.09	95
	20	1.12	94
	20	1.2	94
TRICHLOROETHYLENE	20	1.19	94
	24.12	1	96
	28.1	1.28	95
	123.58	1	99
	19	4.54	76
	33.51	1.06	97
	20	1.15	94
	20	2.6	87
TETRACHLOROETHYLENE	23.67	1.26	95
	45.4	3.5	92
	20.76	1.26	94
	20	1.51	92

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	20	1.33	93
	23.66	1	96
	54.48	29.77	45
	20	1.15	94
	20	1.22	94
	20	1.15	94
STYRENE	21.83	1	95
	53.32	1.86	97
	26.9	1	96
1,1-DICHLOROETHENE	22.32	1	96
	25.18	1	96
	18.32	1	95
	20	1.07	95
BROMODICHLOROBENZENE	20	5.33	73
	21.44	5	77
	20	5.74	71
	24.48	5	80
1,2-DICHLOROETHANE	20	1.5	93
	23.92	1	96
	20	1.15	94
BROMODICHLOROMETHANE	30	2.76	91
	30	1.66	94
	28.51	1.5	95
	30	1.69	94
	33.9	1.5	96
	30	1.66	94
CHLORODIBROMETHANE	20	1.73	91
	22.57	1	96
	24.57	1	96
CARBON TETRACHLORIDE	22.21	1	95
HEXANOL	1368.56	200	85

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

	INFLUENT CONC. (ug/l)	GEO. MEAN* EFFLUENT CONC. (ug/l)	REMOVAL (%)
1,1-DICHLOROETHANE	20.19	1	95
1,2-DICHLOROPROPANE	20.05	1	95
CIS 1,3-DICHLOROPROPENE	20.05	1	95
ACROLEIN	202.81	50	75
CIS 1,2-DICHLOROETHYLENE	20.14	1	95
1,2-DICHLOROBENZENE	20.05	1	95
3-CHLOROTOLUENE	20.51	1	95

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
BUTYLBENZYL PHTHALATE	8.17	1	88
	6.02	1	83
	5.42	1	82
	9.86	1	90
	6.22	1	84
	8.64	1	88
	9.41	1	89
	7.5	1.9	75
	5.58	1	82
	6.27	1.94	69
	5.47	1	82
	7.58	1	87
	9.23	1	89
	7.8	1	87
	M-CRESOL	21.03	1.5	93
41.51		2.74	93
16.2		1.5	91
20.12		1.5	93
9.47		1.5	84
192		1.5	99
105.85		1.5	99
44.7		1.5	97
30.57		1.5	95
20.87		1.5	93
34.39		1.5	96
44.94		1.5	97
20.99		1.5	93
54.65		1.5	97
23.69		1.5	94
25.17		1.5	94
18.84		1.5	92
10.94		4.13	62
27.3		1.5	95
40.3		1.5	96
77.67	2.23	97	
50.64	2.03	96	
11.43	1.5	87	
54.41	1.5	97	

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

	INFLUENT CONC. (ug/l)	GEO. MEAN* EFFLUENT CONC. (ug/l)	REMOVAL (%)
	9.61	1.5	84
	14.48	1.5	90
	40.65	1.5	96
PHENOL	9.38	1.5	84
	21.66	1.5	93
	12.64	1.5	88
	16.5	1.5	91
	45.72	1.5	97
	40.31	1.5	96
	59.48	1.5	97
	16.7	1.5	91
	12.44	1.5	88
	18.76	1.5	92
	12.98	1.5	88
	50.19	1.5	97
	17.17	1.76	90
	20.77	1.5	93
	37.7	1.5	96
	8.36	1.5	82
	8.91	1.5	83
	10.98	3.2	71
	12.34	1.5	88
	12.56	1.5	88
	19.22	1.5	92
	32	1.92	94
	18.95	1.5	92
	13.56	1.5	89
	18.73	1.5	92
NAPHTHALENE	5.83	1	83
	7.11	1	86
	8.13	1	88
	6.62	1	85
	5.44	1	82
	5.66	1	82
	7.05	0.4	94

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY...CONT.

	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
PHENANTHRENE	6.86	1	85
	4.61	1	78
	6.9	1	86
O-CRESOL	8.24	1.5	82
	11.69	1.5	87
	9.99	1.76	82
PENTACHLOROPHENOL	13.63	3.66	73
	15.65	3.43	78
	18.66	2.5	87
DIMETHYL PHTHALATE	6.86	2.5	64
	6.4	2.5	61
FLUORANTHENE	5.68	1	82
4-NITROPHENOL	13.9	3.09	78
	14.45	2.5	83
	15.04	2.5	83
BIS(2-CHLOROETHOXY) METHANE	6.79	1.42	79
BIS(2-CHLOROMETHYL)ETHE	9.73	2.03	79
N-NITROSO-DI-N PROPYLAMINE	6.88	1.34	81
2,4-DICHLOROPHENOL	14.99	3.19	79
2,4-DIMETHYL PHENOL	13.81	2.5	82
2,4-DINITROTOLUENE	7.5	2	73
2-NITROPHENOL	13.62	3.19	77
2-METHYL 4,6-	15.04	3.75	75

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
DINITROPHENOL			
4-BROMOPHENYLPHENYL ETHER	10.31	1.5	85
4-CHLOROPHENYLPHENYL ETHER	6.72	1	85
BIS(2-CHLOROISOPROPYL) ETHER	6.89	1	85
NITROBENZENE	5	1.86	63
N-NITROSO-DI PHENYLAMINE	6.88	1	85
P-CHLORO M-CRESOL	15.46	2.99	81
BENZO (A) ANTHRACENE	5	1.4	72
BENZO (B) FLUORANTHENE	4.72	1	79
BENZO (K) FLUORANTHENE	5	1.31	74
FLUORENE	5.86	1	83
PYRENE	7.7	2.02	74
2-CHLOROPHENOL	12.5	2.68	79
2,4,6-TRICHLOROPHENOL	13.67	2.85	79
OCTACHLORODI- BENZODIOXIN (ng/l)	0.92 5.29 1.21 0.5 0.5	1.48 0.26 0.45 0.1 0.5	-61 95 63 80 0
TETRACHLORODI	1.1	0.5	55

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
BENZOFURAN (ng/l)	0.1	0.13	-30
HEPTACHLORO- DIBENZODIOXIN (ng/l)	0.5 0.5	0.66 1.4	-32 -180
OCTACHLORODI- BENZOFURAN (ng/l)	1.73	0.25	86

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
2,4-D	0.07	0.03	57
	0.38	0.21	45
	0.3	0.34	-13
	0.26	0.14	46
	0.35	0.16	54
	0.27	0.08	70
	0.11	0.09	18
	0.06	0.05	17
	0.25	0.03	88
	0.06	0.06	0
	0.16	0.05	69
	0.16	0.16	0
	0.07	0.03	57
	0.17	0.15	12
	0.16	0.03	81
	0.04	0.02	50
	0.05	0.08	-60
	0.16	1.58	-888
	0.16	0.08	50
	0.36	0.17	53
0.1	0.03	70	
0.47	0.03	94	
0.1	0.07	30	
0.09	0.05	44	
0.09	0.03	67	
0.03	0.02	33	
0.04	0.02	50	
0.05	0.01	80	
0.12	0.1	17	
0.34	1.48	-335	
PCB-TOTAL	0.05	0.03	40
	0.05	0.02	60
	0.06	0.03	50
	0.16	0.02	88
	0.14	0.02	86
	0.05	0.03	40
	0.05	0.02	60
	0.11	0.02	82
0.23	0.02	91	

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	0.05	0.02	60
	0.04	0.02	50
	0.05	0.02	60
	0.07	0.02	71
	0.07	0.02	71
METHOXYCHLOR	0.19	0.08	58
	1.79	0.31	83
	0.27	0.12	56
	0.06	0.03	50
	0.34	0.17	50
	0.05	0.03	40
	0.09	0.025	72
	0.09	0.04	56
	0.06	0.04	33
	0.4	0.21	48
	0.07	0.025	64
	0.35	0.11	69
	0.09	0.04	56
	0.06	0.025	58
1,2,4-TRICHLOROBENZE	0.04	0.06	-50
	0.01	0.005	50
	0.01	0.01	0
	0.01	0.005	50
	0.04	0.01	75
	0.02	0.005	75
	0.01	0.01	0
	0.01	0.01	0
	0.01	0.01	0
	0.02	0.01	50
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.01	0
	0.27	0.09	67
	0.03	0.04	-33
	0.01	0.005	50
2,4,5-T	0.05	0.03	40
	0.05	0.06	-20

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	0.09	0.03	67
	0.07	0.025	64
	0.07	0.03	57
	0.07	0.03	57
	0.06	0.025	58
	0.05	0.03	40
	0.1	0.11	-10
	0.05	0.025	50
	0.06	0.025	58
	0.06	0.025	58
	0.05	0.025	50
	0.06	0.025	58
	0.05	0.03	40
	0.06	0.03	50
	0.06	0.7	-1067
GAMMA-BHC	0.02	0.01	50
	0.03	0.01	67
	0.01	0.01	0
	0.01	0.005	50
	0.06	0.06	0
	0.03	0.02	33
	0.02	0.03	-50
	0.01	0.01	0
	0.02	0.01	50
	0.02	0.01	50
	0.02	0.01	50
	0.02	0.02	0
	0.03	0.02	33
	0.06	0.03	50
	0.03	0.03	0
	0.01	0.005	50
	0.02	0.02	0
	0.01	0.01	0
	0.02	0.01	50
	0.02	0.02	0
	0.1	0.03	70
	0.03	0.03	0
	0.01	0.07	-600
	0.02	0.01	50

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	0.03	0.01	67
	0.02	0.02	0
	0.01	0.01	0
	0.02	0.03	-50
	0.05	0.02	60
	0.01	0.01	0
HEPTACHLOR	0.01	0.005	50
	0.01	0.005	50
	0.01	0.01	0
	0.01	0.01	0
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.005	50
	0.02	0.005	75
BETA-BHC	0.01	0.005	50
	0.02	0.005	75
	0.02	0.02	0
	0.01	0.01	0
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.005	50
	0.02	0.01	50
	0.02	0.01	50
	0.01	0.01	0
	0.01	0.005	50
	0.01	0.01	0
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.01	0
SILVEX	0.05	0.03	40
	0.05	0.04	20
	0.05	0.025	50
	0.07	0.03	57
	0.1	0.025	75
	0.08	0.04	50
	0.06	0.03	50

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	0.08	0.03	63
	0.09	0.025	72
	0.06	0.05	17
	0.05	0.07	-40
	0.05	0.03	40
	0.05	0.03	40
	0.05	0.03	40
	0.05	0.03	40
	0.06	0.03	50
	0.06	0.025	58
	0.06	0.025	58
	0.05	0.12	-140
ALPHA-BHC	0.01	0.005	50
	0.02	0.01	50
	0.01	0.01	0
	0.01	0.005	50
	0.01	0.005	50
	0.02	0.005	75
	0.01	0.01	0
PP-DDE	0.02	0.01	50
	0.02	0.01	50
	0.01	0.01	0
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.005	50
	0.02	0.01	50
	0.01	0.01	0
ENDOSULFAN SULFATE	0.05	0.02	60
	0.04	0.02	50
	0.05	0.03	40
	0.07	0.02	71
	0.06	0.03	50
HEXACHLOROBENZENE	0.01	0.005	50
	0.02	0.005	75
	0.03	0.005	83

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	0.01	0.005	50
	0.01	0.005	50
ENDOSULFAN II	0.01	0.005	50
	0.02	0.01	50
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.005	50
	0.01	0.005	50
GAMMA CHLORDANE	0.01	0.005	50
	0.02	0.005	75
	0.01	0.01	0
	0.01	0.01	0
	0.02	0.01	50
	0.01	0.01	0
	0.01	0.005	50
PP-DDT	0.04	0.02	50
	0.06	0.02	67
	0.05	0.02	60
	0.04	0.02	50
	0.01	0.02	-100
	0.05	0.02	60
	0.05	0.02	60
DIELDRIN	0.01	0.005	50
	0.01	0.005	50
	0.01	0.01	0
	0.01	0.005	50
	0.01	0.005	50
ALPHA-CHLORDANE	0.01	0.005	50
	0.01	0.01	0
	0.01	0.01	0
	0.01	0.005	50
	0.02	0.01	50
	0.01	0.005	50
	0.01	0.01	0

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
MIREX	0.01	0.005	50
	0.01	0.01	0
	0.01	0.005	50
PP-DDD	0.02	0.005	75
	0.01	0.01	0
	0.01	0.005	50
HEXACHLOROCYCLO-PENTADIENE	0.1	0.05	50
	0.11	0.05	55
	0.1	0.06	40
	0.11	0.05	55
	0.1	0.07	30
HEXACHLOROETHANE	5	0.01	100
	0.01	1	-9900
	5	0.01	100
	0.01	0.01	0
	0.01	0.01	0
	0.01	1	-9900
ENDOSULFAN I	0.02	0.01	50
	0.01	0.005	50
ALDRIN	0.01	0.01	0
	0.01	0.01	0
HEPTACHLOROEOXIDE	0.01	0.005	50
OXYCHLORDANE	0.01	0.005	50
	0.01	0.005	50
MIREX PHOTO	0.01	0.005	50
ZINC	60	10	83
	380	140	63
	190	60	68
	270	40	85

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	2390	700	71
	120	50	58
	280	40	86
	430	40	91
	150	10	93
	220	40	82
	130	30	77
	310	80	74
	490	160	67
	180	40	78
	100	30	70
	70	10	86
	150	40	73
	120	10	92
	150	60	60
	300	120	60
	120	60	50
	80	60	25
	350	70	80
	999	70	93
	420	20	95
	90	30	67
	100	30	70
	120	50	58
	200	80	60
	140	30	79
MERCURY	0.1	0.02	80
	0.16	0.03	81
	0.28	0.04	86
	0.24	0.01	96
	0.7	0.1	86
	0.32	0.03	91
	0.8	0.01	99
	0.3	0.01	97
	0.09	0.01	89
	0.29	0.02	93
	0.11	0.01	91
	0.4	0.05	88
	0.27	0.06	78

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	0.28	0.03	89
	0.14	0.03	79
	0.13	0.01	92
	0.2	0.02	90
	0.3	0.01	97
	0.14	0.02	86
	0.24	0.03	88
	0.05	0.02	60
	0.21	0.04	81
	0.25	0.02	92
	0.45	0.02	96
	0.47	0.05	89
	0.31	0.02	94
	0.24	0.02	92
	0.16	0.03	81
	0.16	0.01	94
	0.37	0.03	92
CHROMIUM	20	10	50
	80	10	88
	40	10	75
	10	5	50
	330	20	94
	170	10	94
	80	10	88
	30	5	83
	170	10	94
	30	10	67
	60	10	83
	190	20	89
	20	10	50
	10	10	0
	5	10	-100
	40	5	88
	20	10	50
	60	10	83
	230	20	91
	5	10	-100
	10	10	0
	50	10	80

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	260	10	96
	220	20	91
	50	10	80
	30	10	67
	560	30	95
	70	10	86
	90	10	89
MOLYBDENUM	10	5	50
	20	10	50
	10	5	50
	5	10	-100
	20	10	50
	10	10	0
	100	10	90
	10	10	0
	10	10	0
	10	10	0
	5	10	-100
	5	10	-100
	5	10	-100
	10	10	0
	10	10	0
	10	10	0
	5	10	-100
	20	10	50
	5	10	-100
	10	10	0
	10	10	0
	20	10	50
CADMIUM	10	1.5	85
	1.2	1.5	-25
	1.5	1.5	0
	10	1.5	85
	10	1.5	85
	10	10	0
	1.5	1.5	0
	1.5	1.5	0
	10	1.5	85

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	10	1.5	85
	10	1.5	85
	10	1.5	85
	10	1.5	85
	10	1.5	85
	10	1.5	85
	1.5	1.5	0
	1.5	1.5	0
	10	1.5	85
	10	1.5	85
	1.5	1.5	0
	20	1.5	93
	1.5	1.5	0
	10	1.5	85
	10	1.5	85
	1.5	1.5	0
	10	1.5	85
	20	1.5	93
	10	1.5	85
	10	1.5	85
	1.5	1.5	0
	10	1.5	85
	30	1.5	95
COBALT	20	10	50
	10	10	0
	10	10	0
	10	5	50
	10	10	0
	10	10	0
	20	10	50
	10	10	0
	10	10	0
	10	10	0
	10	10	0
	5	10	-100
	20	10	50
	10	10	0
	10	10	0
	5	10	-100

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	10	10	0
	10	10	0
	10	10	0
	10	10	0
	10	10	0
	20	5	75
	5	10	-100
	10	10	0
	10	10	0
	20	10	50
	10	10	0
CYANIDE	10	10	0
	40	0.5	99
	200	0.5	100
	20	0.5	98
	0.5	0.5	0
	0.5	0.5	0
	0.5	0.5	0
	40	0.5	99
	0.5	0.5	0
	0.5	0.5	0
	20	0.5	98
	40	0.5	99
	10	0.5	95
	0.5	20	-3900
	0.5	10	-1900
LEAD	15	15	0
	50	15	70
	40	15	63
	60	20	67
	90	15	83
	60	15	75
	250	10	96
	15	20	-33
	60	20	67
	90	20	78
	15	20	-33
	60	20	67

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	50	15	70
	50	15	70
	50	20	60
	90	10	89
	50	20	60
	70	20	71
	60	20	67
	15	20	-33
	15	20	-33
	15	20	-33
	15	20	-33
	15	20	-33
COPPER	50	5	90
	410	140	66
	110	10	91
	160	20	88
	170	5	97
	170	5	97
	180	10	94
	50	55	-10
	100	10	90
	80	20	75
	120	10	92
	210	20	90
	80	5	94
	40	10	75
	530	10	98
	90	10	89
	60	10	83
	5	30	-500
	340	20	94
	50	5	90
	50	10	80
	310	10	97
	270	10	96
	120	10	92
	120	10	92
	130	10	92
	590	190	68

TABLE (A1) INDIVIDUAL PLANT REMOVALS FROM MISA STUDY....CONT.

POLLUTANT	GEO. MEAN*		REMOVAL (%)
	INFLUENT CONC. (ug/l)	EFFLUENT CONC. (ug/l)	
	50	20	60
	160	5	97
SILVER	10	5	50
	20	5	75
	10	5	50
	10	5	50
	10	10	0
	10	10	0
	10	5	50
	10	5	50
	20	5	75
	10	10	0
	10	5	50
	10	5	50
	10	5	50
	5	10	-100
	10	5	50
	10	10	0
	10	10	0
	10	5	50
	10	5	50
	20	5	75
	20	5	75
	10	10	0
	10	5	50
	10	10	0
ARSENIC	20	20	0
SELENIUM	20	20	0

TABLE (A2)
DETECTION LIMITS USED BY MISA

DETECTION LIMITS FOR BASE NEUTRAL AND ACID EXTRACTABLE COMPOUNDS

Compound Name	DL Raw Sewage (ug/L)	Effluents (ug/L)
2,4,5-Trichlorophenol	25	5
2,4,6-Trichlorophenol	25	5
2,4-Dichlorophenol	25	5
2,4-Dimethyl phenol	25	5
2,4-Dinitrotoluene	15	3
2,6-Dinitrotoluene	15	3
2 Hydroxy-toluene (O-Cresol)	15	3
2-Chloronaphthalene	10	2
2-Chlorophenol	25	5
2-Nitrophenol	25	5
3 Hydroxy-toluene (M-Cresol)	15	3
4 Hydroxy-Toluene (P-Cresol)	15	3
4-Bromophenyl phenyl ether	15	3
4-Chlorophenyl phenyl ether	10	2
9H Fluorene	10	2
Acenaphthene	15	3
Acenaphthylene	15	3
Alpha-naphthylamine	50	10
Ametryn	25	5
Anthracene	10	2
Atrazine	25	2
Benzo (a) anthracene	10	2
Benzo (a) pyrene	10	2
Benzo (b) fluoranthene	10	2
Benzo (k) fluoranthene	10	2
Beta-naphthylamine	75	15
Biphenyl	15	3
bis (2-Chloro ethoxy)methane	10	2
bis(2-Chloro ethyl)ether	15	3
bis(2-Chloroispropyl)ether	10	2
bis(2-ethyl hexyl)phthalate	10	2
Butyl benzyl phthalate	10	2
Chrysene	10	2
Diazinon	25	5
Dibenzo(ah)anthracene	25	5
Dichloran	50	10
Diethyl phthalate	25	5
Dimethyl phthalate	10	5
Diphenyl ether	25	5
Di-n-butyl phthalate	10	2
Di-n-octyl phthalate	15	3
Fluoranthene	10	2
Indeno(123-CD)pyrene	25	5
Malathion	25	5

TABLE (A2) DETECTION LIMITS USED BY MISA (Continued)

Naphthalene	10	2
Nitrobenzene	10	2
N-Nitroso diphenylamine	10	2
N-Nitroso-di-n-propyl-amine	2	10
Parathion ethyl	25	5
Parathion methyl	25	5
Pentachlorophenol	25	5
Phenanthrene	10	2
Phenol	15	3
Pyrene	15	3
P-chloro-M-cresol	25	5
Tri-n-tolyl phosphate		

TABLE (A2) DETECTION LIMITS USED BY MISA (Continued)

DETECTION LIMITS FOR VOLATILE ORGANIC COMPOUNDS

Compound Name	DL Raw Sewage (ug/L)	DL Effluents (ug/L)
1,1,1-Trichloroethane	40	2
1,1,2,2-Tetrachloroethane	40	2
1,1,2,2-Trichloroethane	40	5
1,1-Dichloroethene	40	2
1,1-Dichloroethene	40	2
1,2-Dichlorobenzene	40	2
1,2-Dichloroethane	40	2
1,2-Dichloropropane	40	2
1,3-Dichlorobenzene	40	2
1,4-Dichlorobenzene	40	2
1-Octene	60	3
2-Chloroethylvinyl ether	40	10
3-Chloro-1-propene	40	2
3-Chloro-toluene	40	2
Acrolein	400	100
Acrylonitrile	400	10
Benzene	40	2
Bromidichlorobenzene	40	10
Bromodichloromethane	60	3
Bromoethane	60	2
Bromoform	60	10
Carbon tetrachloride	40	2
Chlorobenzene	40	2
Chloroethane	40	2
Chloroform	40	2
Chloromethane	40	20
cis-1,3-Dichloropropene	60	3
cis-1,2-Dichloroethylene	40	2
Dibromochloromethane	40	2
Dichlorodifluoromethane	40	20
Diethyl ether	40	2
Ethylbenzene	40	2
Hexane	60	3
Hexanol	5000	400
Methylene chloride	60	3
Styrene	40	3
Tetrachloroethylene	40	2
Toluene	40	2
trans-1,3-dichloropropene	40	2
Trichloroethylene	40	2
Trichlorofluoromethane	40	2
Vinyl bromide	60	3
Vinyl chloride	100	50

TABLE (A2) DETECTION LIMITS USED BY MISA (Continued)

DETECTION LIMITS FOR PESTICIDES AND HERBICIDES

Compound Name	DL Raw Sewage (ug/L)	DL Effluents (ug/L)
1,2,4-Trichlorobenzene	0.02	0.01
2,4,5-T	0.1	0.05
2,4-D	0.04	0.02
Aldrin	0.04	0.02
Alpha-BHC	0.02	0.01
Alpha-chlordane	0.02	0.01
Alpha-endosulphan	0.02	0.01
Captan	0.4	0.2
Delta-BHC	0.02	0.01
Dieldrin	0.02	0.01
Endosulphan sulphate	0.08	0.04
Eldrin	0.02	0.01
Eldrin aldehyde	0.4	0.2
Gamma-BHC	0.02	0.01
Gamma-chlordane	0.02	0.01
Heptachlor	0.02	0.01
Heptachlor epoxide	0.02	0.01
Hexachlorobenzene	0.02	0.01
Hexachlorobutadiene	0.2	0.1
Hexachlorocyclopentadiene	0.2	0.1
Hexachloroethane	10	2
Methoxychlor	0.01	0.05
Mirex	0.02	0.01
Oxychlordane	0.02	0.01
PCNB	0.1	0.05
Photomirex	0.02	0.01
PP-DDD	0.02	0.01
PP-DDE	0.02	0.01
PP-DDT	0.02	0.04
Silvex	0.1	0.05
Strobane	10	5
Total PCB	0.08	0.04
Toxaphene	0.08	0.04

TABLE (A2) DETECTION LIMITS USED BY MISA (Continued)

DETECTION LIMITS FOR METALS AND CYANIDE

Compound Name	DL Raw Sewage <u>(mg/L)</u>	DL Effluents <u>(mg/L)</u>
Aluminum	0.02	0.02
Beryllium	0.01	0.01
Cadmium	0.003	0.003
Calcium	0.002	0.002
Chromium	0.01	0.01
Cobalt	0.01	0.01
Copper	0.01	0.01
Cyanide	0.001	0.001
Lead	0.03	0.03
Magnesium	0.01	0.01
Mercury (ug/L)	0.01	0.01
Molybdenum	0.01	0.01
Nickel	0.01	0.01
Selenium	0.03	0.03
Silver	0.01	0.01
Strontium	0.01	0.01
Zinc	0.02	0.02

TABLE (A2) DETECTION LIMITS USED BY MISA (Continued)

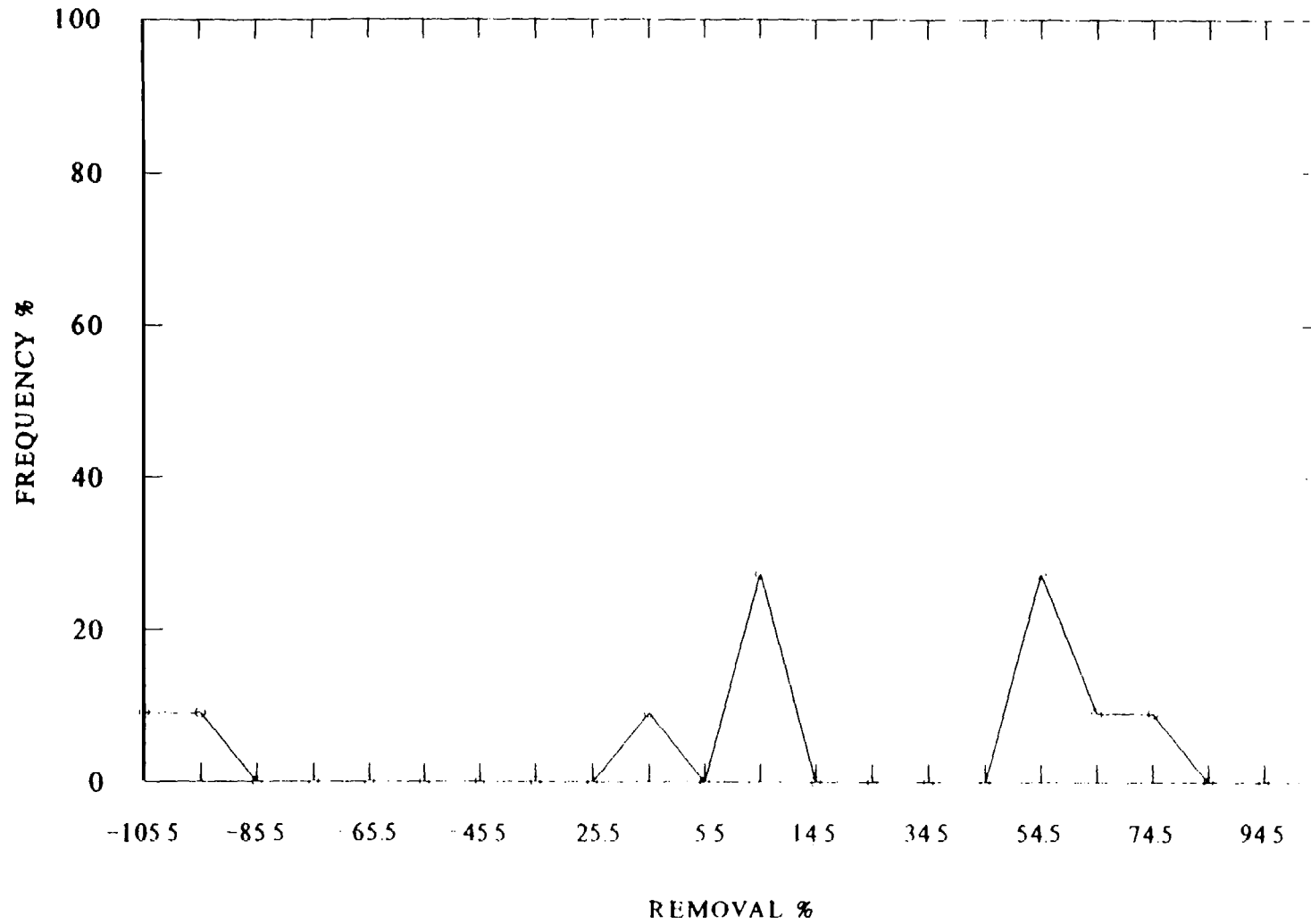
DETECTION LIMITS FOR DIOXIN/FURAN COMPOUNDS

Compound Name	DL Raw Sewage (ng/L)	DL Effluents (ng/L)
Tetrachlorodibenzodioxins	0.5	0.1
Tetrachlorodibenzofurans	0.2	0.1
Pentachlorodibenzodioxins	1.0	0.5
Pentachlorodibenzofurans	0.4	0.1
Hexachlorodibenzodioxins	1.0	0.3
Hexachlorodibenzofurans	0.7	0.1
Heptachlorodibenzodioxins	1.0	0.1
Heptachlorodibenzofurans	1.0	0.1
Octachlorodibenzodioxin	1.0	0.3
Octachlorodibenzofuran	1.0	0.2

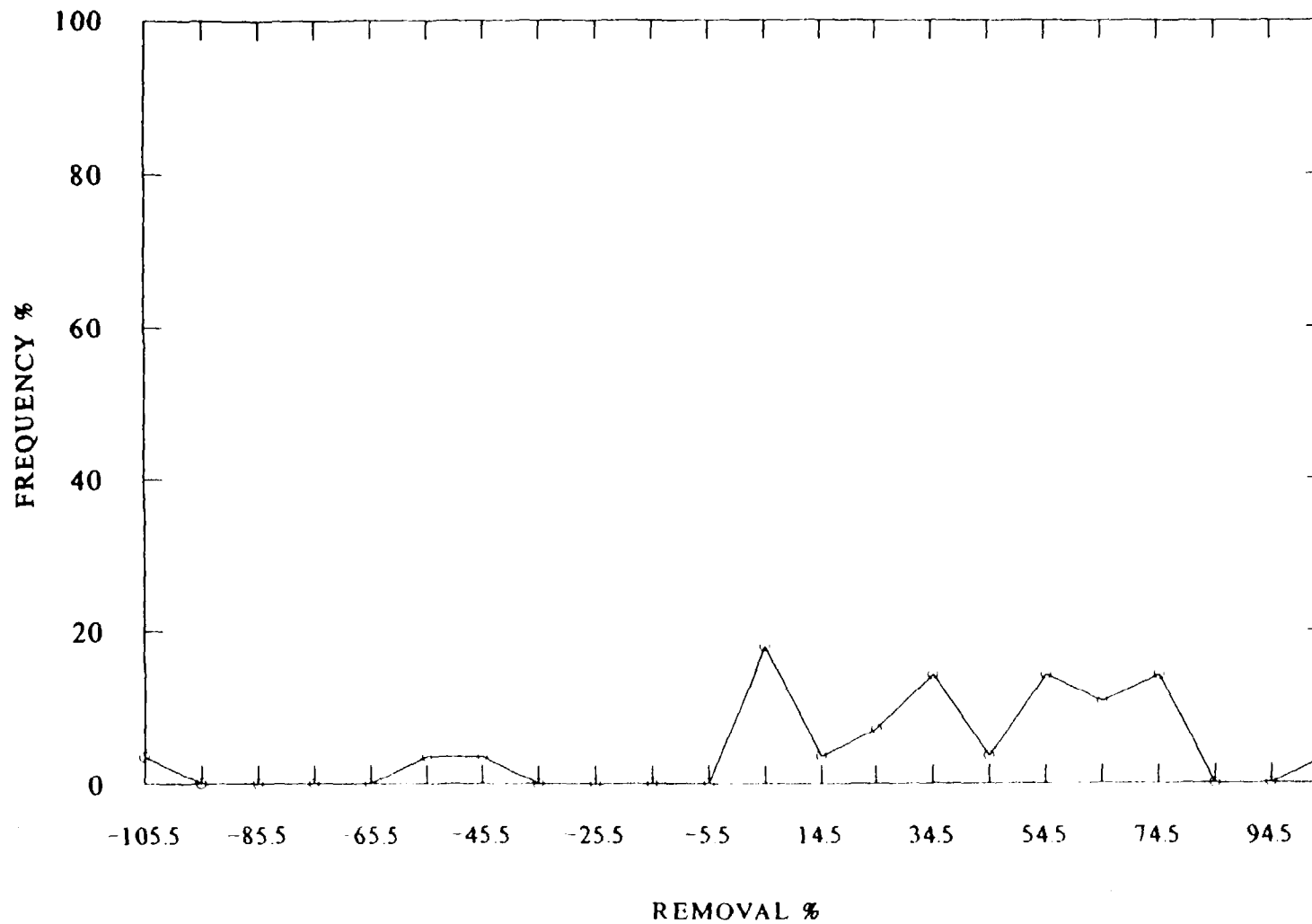
APPENDIX B-3

**FREQUENCY AND CUMULATIVE FREQUENCY
DISTRIBUTION PLOTS OF POLLUTANT REMOVALS
FOR THE 52-POTW DATA BASE**

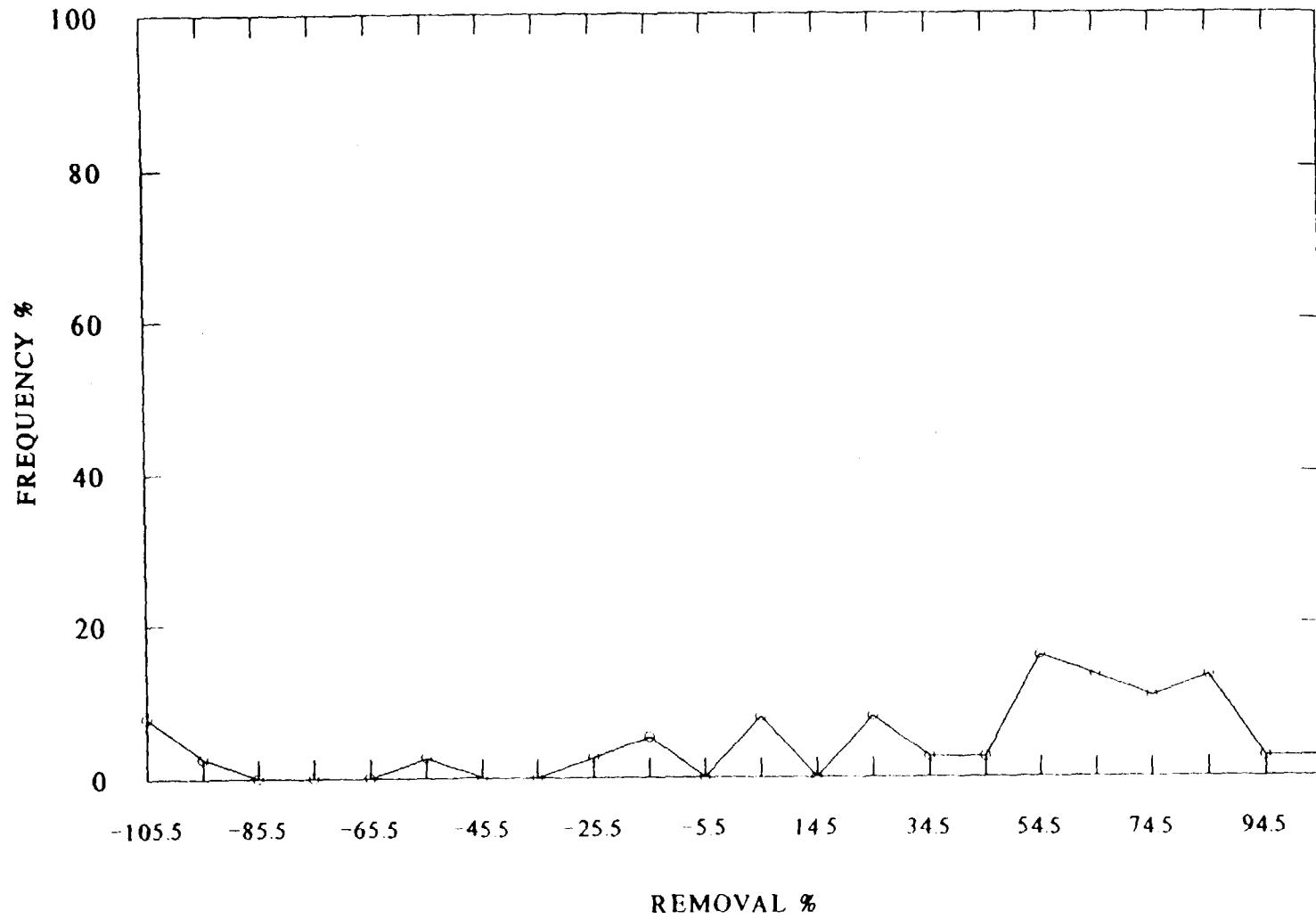
FREQUENCY DISTRIBUTION FOR ARSENIC



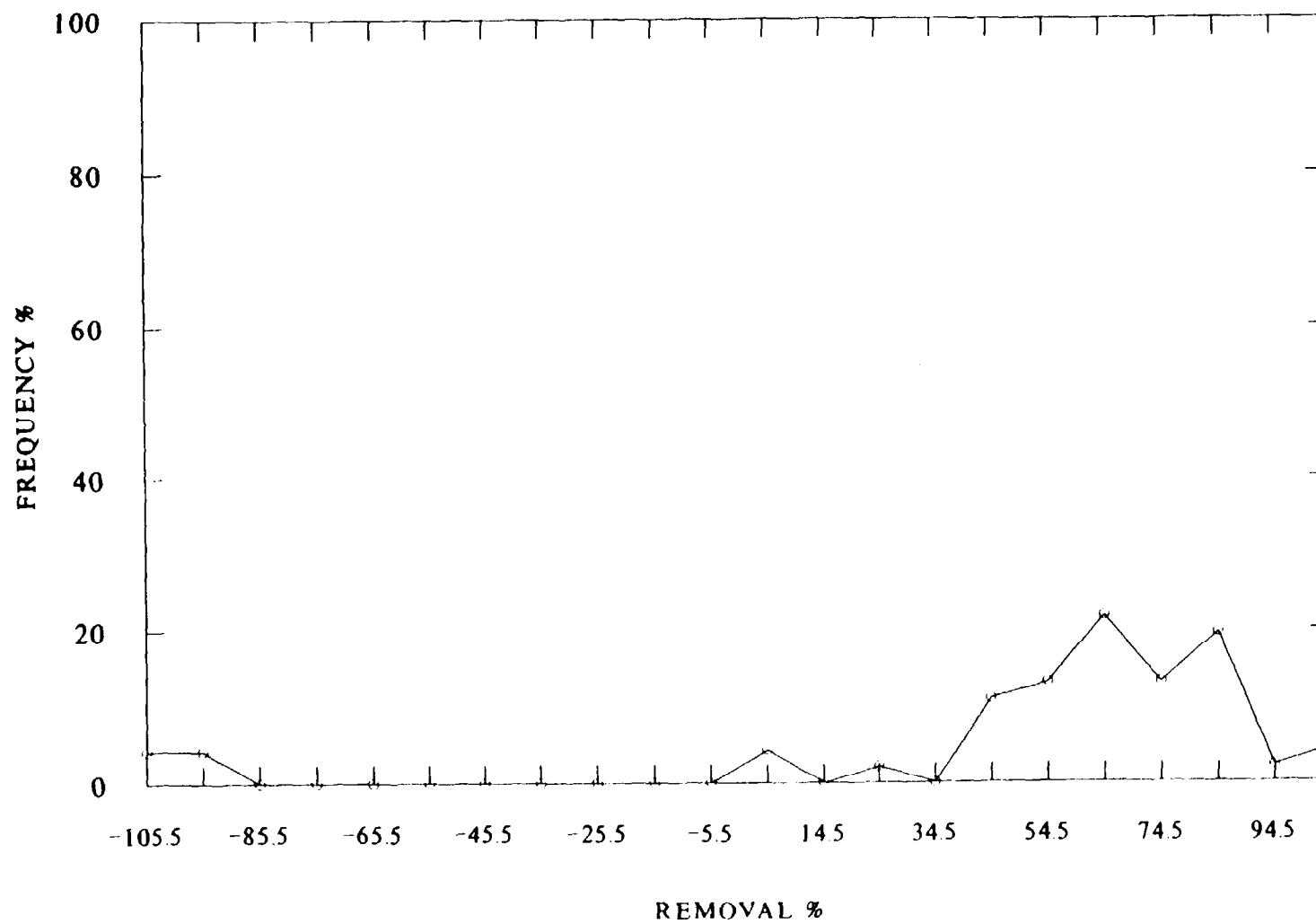
FREQUENCY DISTRIBUTION FOR CADMIUM



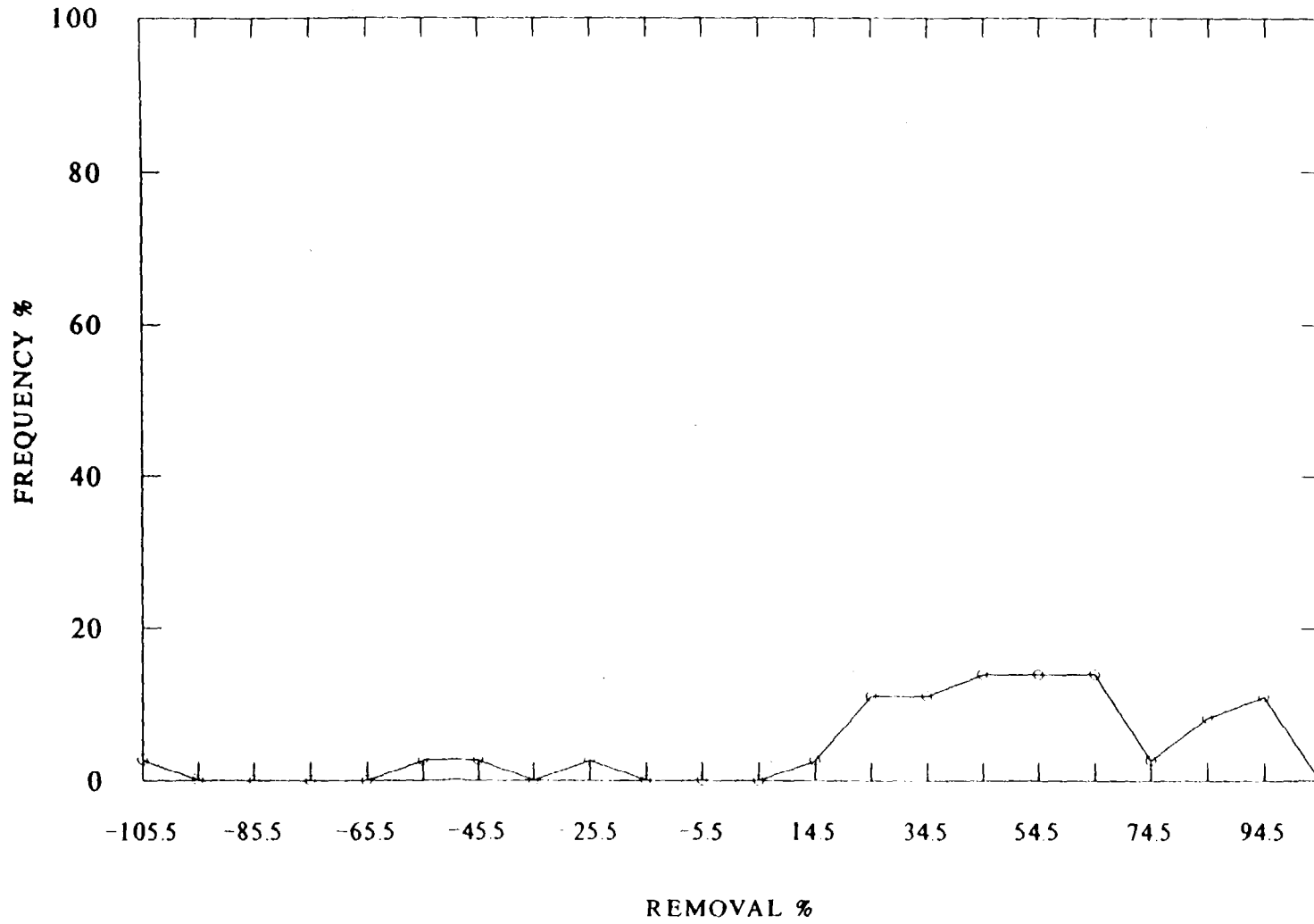
FREQUENCY DISTRIBUTION FOR CHROMIUM



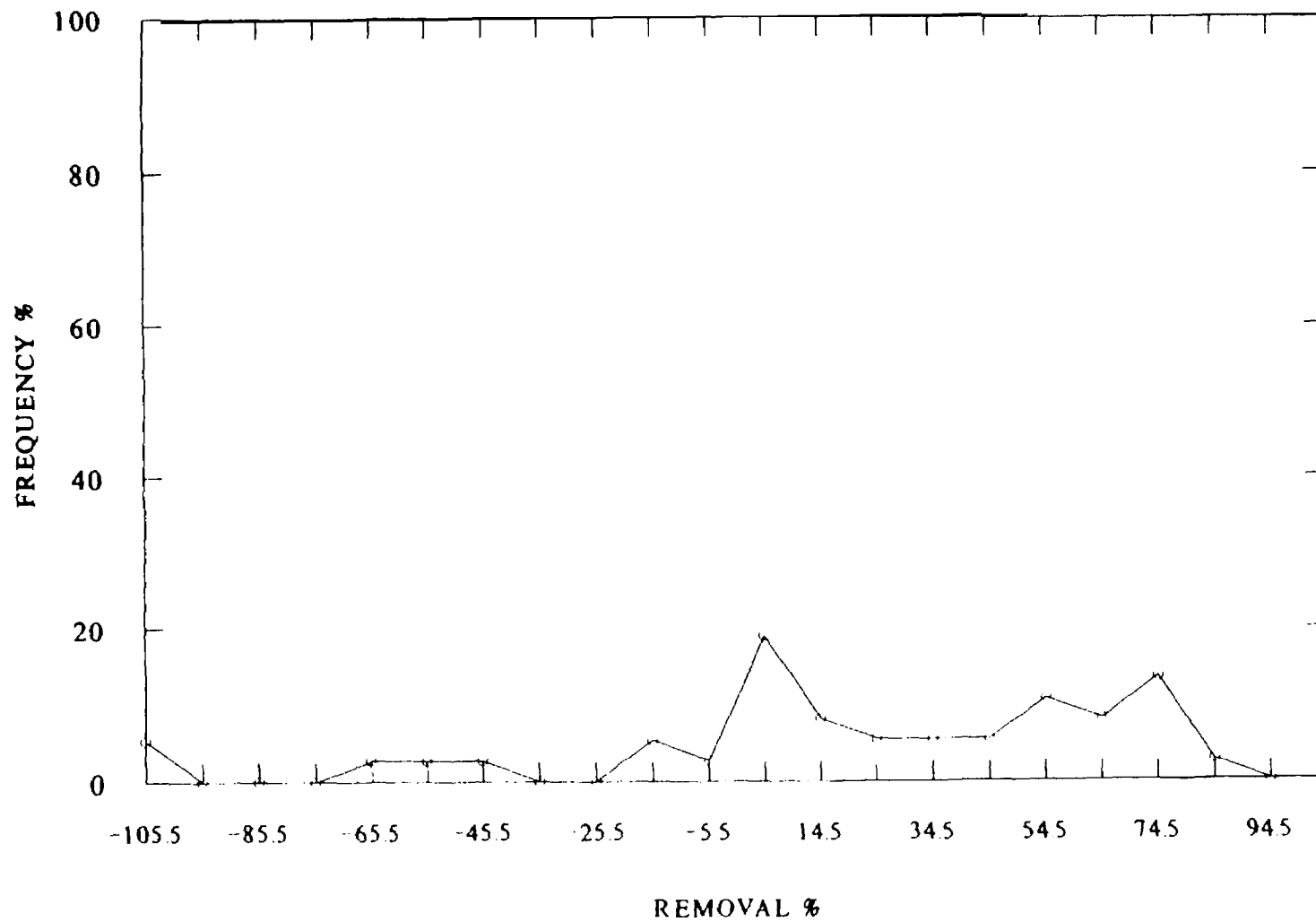
FREQUENCY DISTRIBUTION FOR COPPER



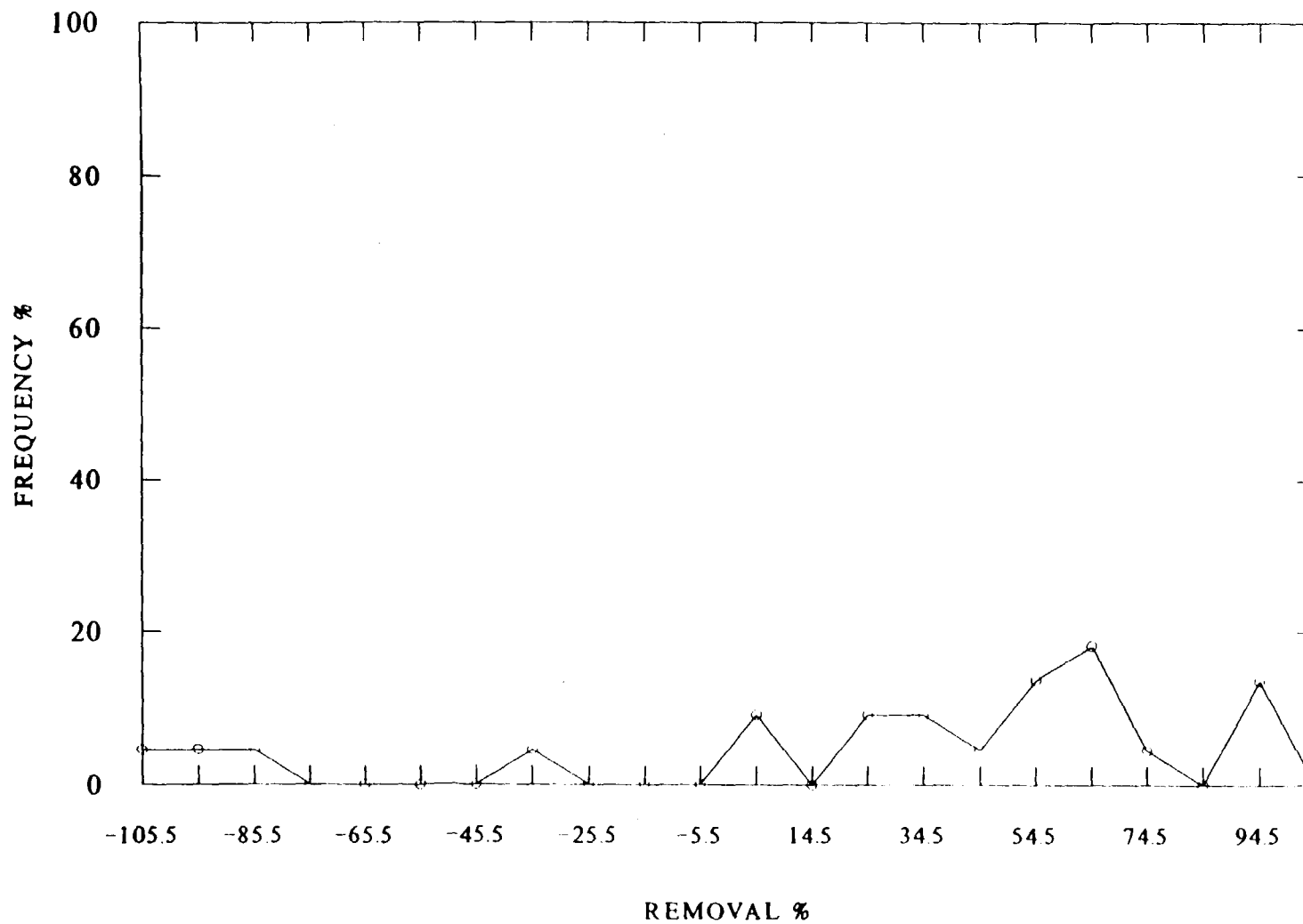
FREQUENCY DISTRIBUTION FOR LEAD



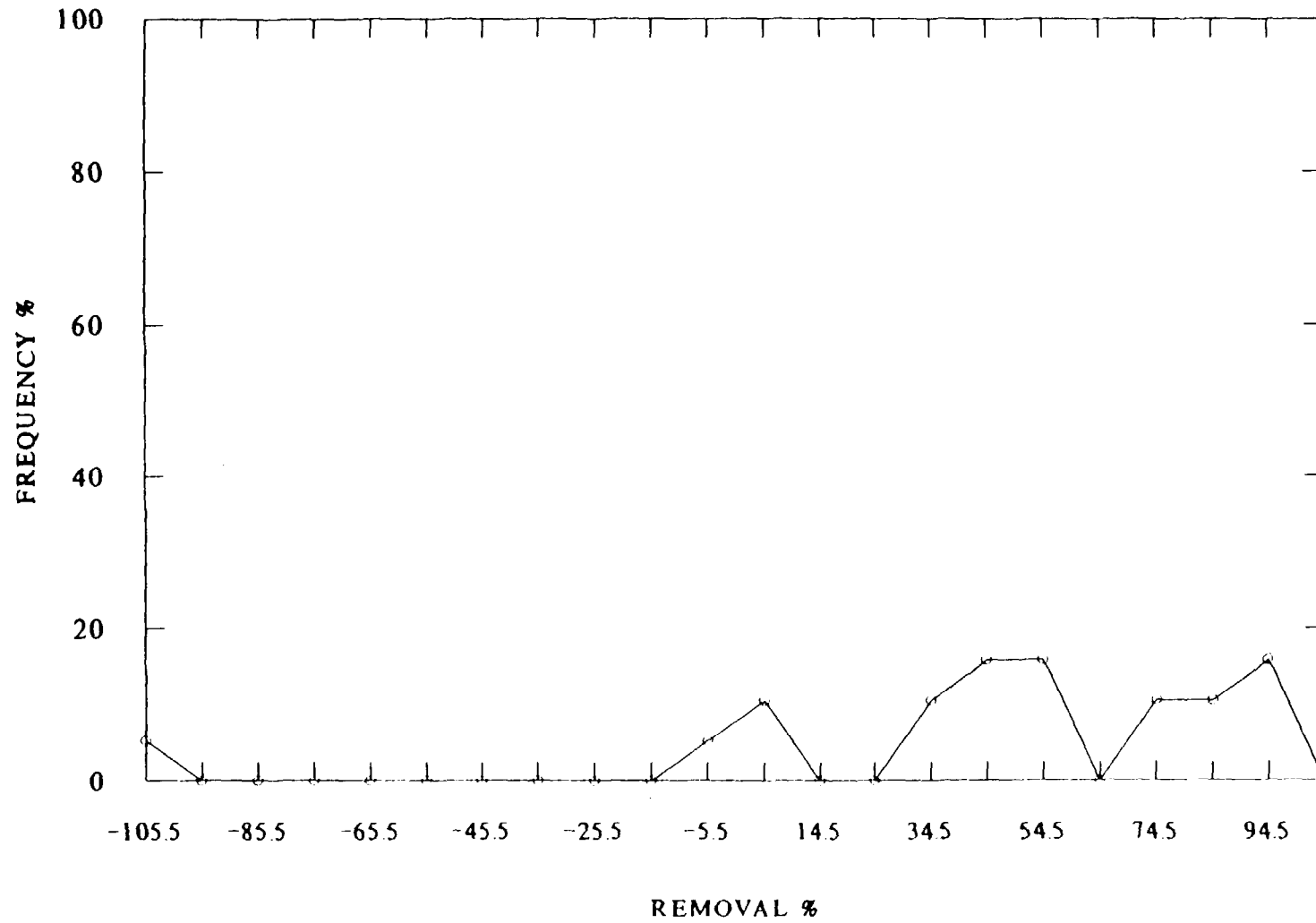
FREQUENCY DISTRIBUTION FOR NICKEL



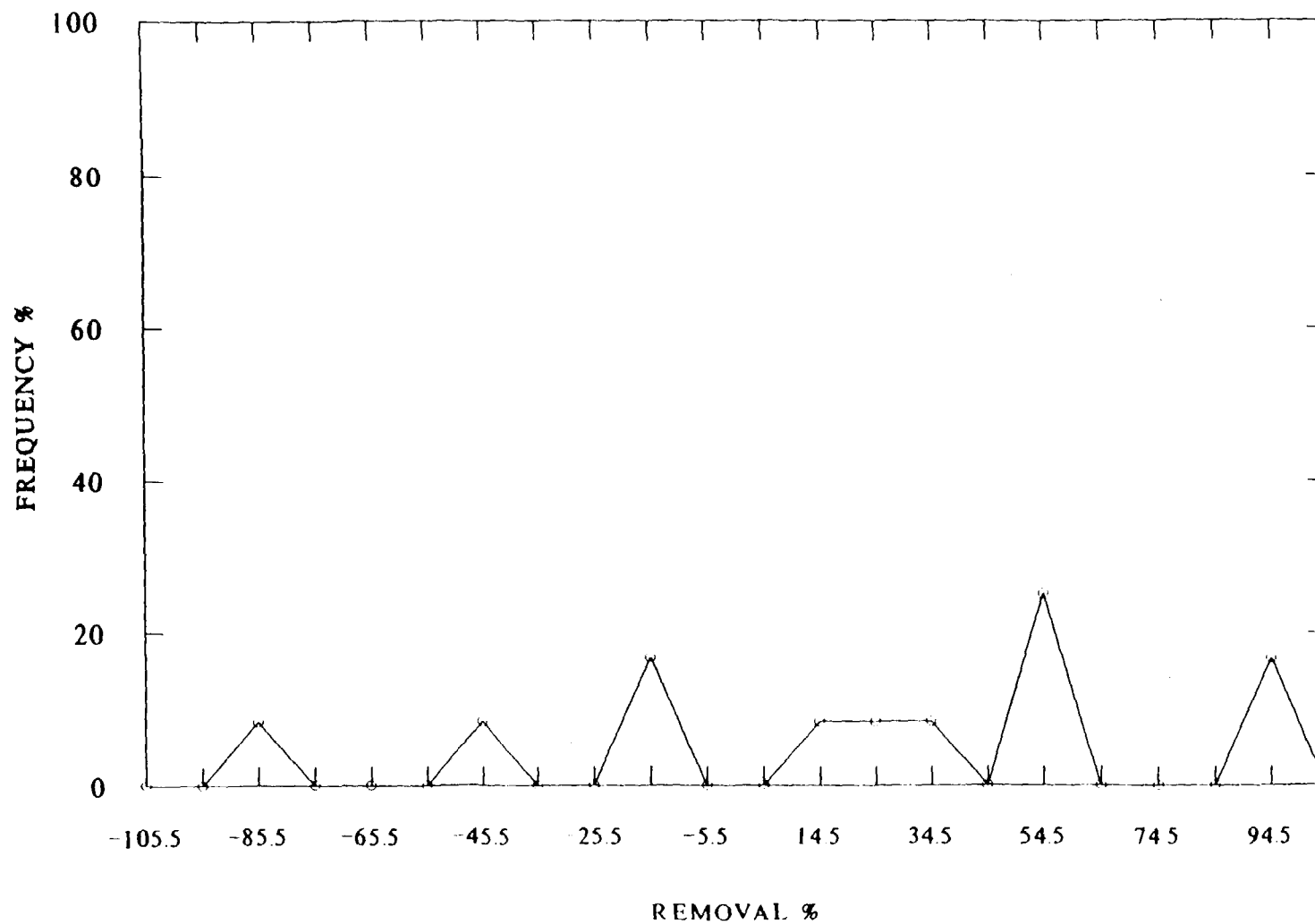
FREQUENCY DISTRIBUTION FOR MERCURY



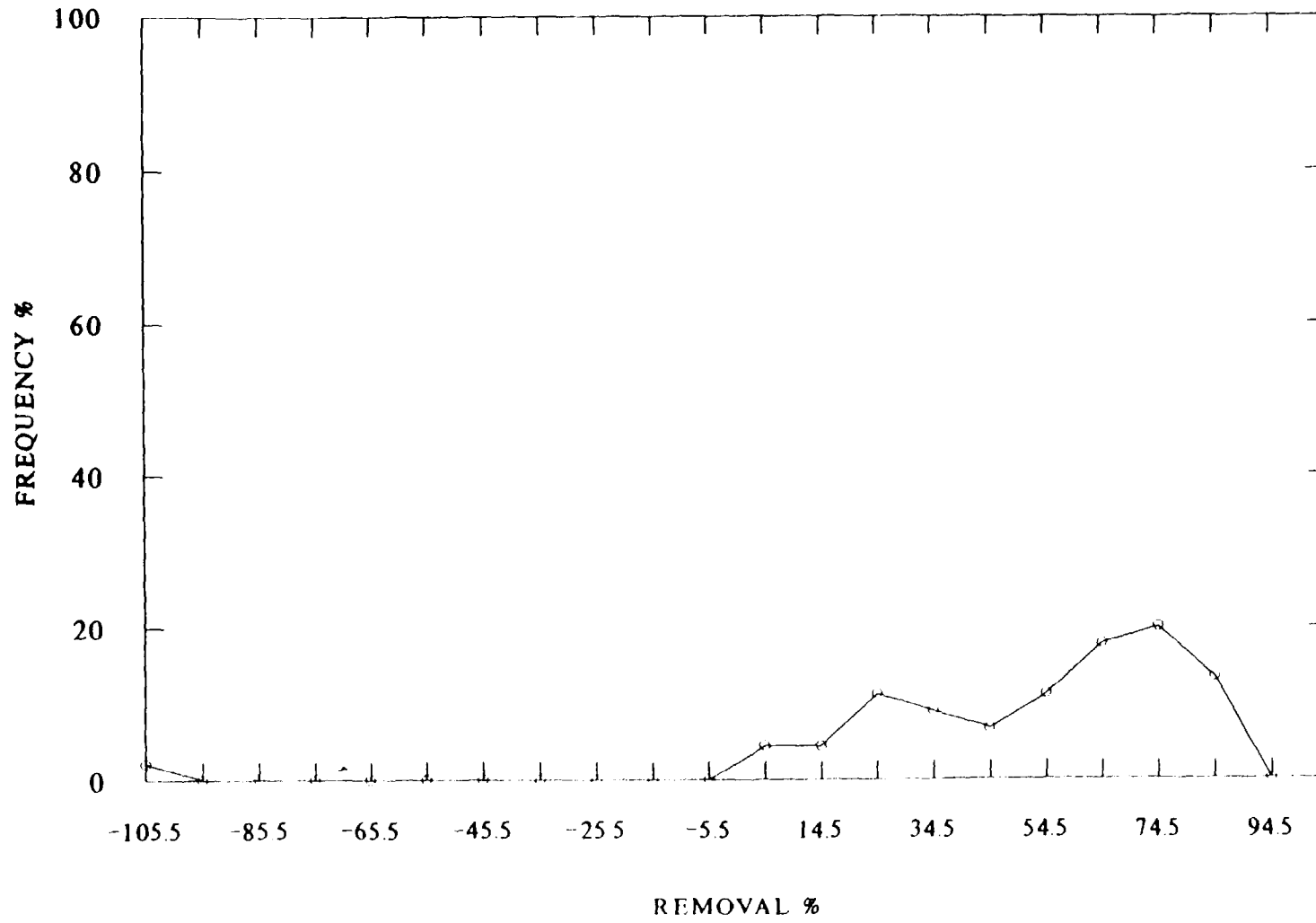
FREQUENCY DISTRIBUTION FOR SILVER



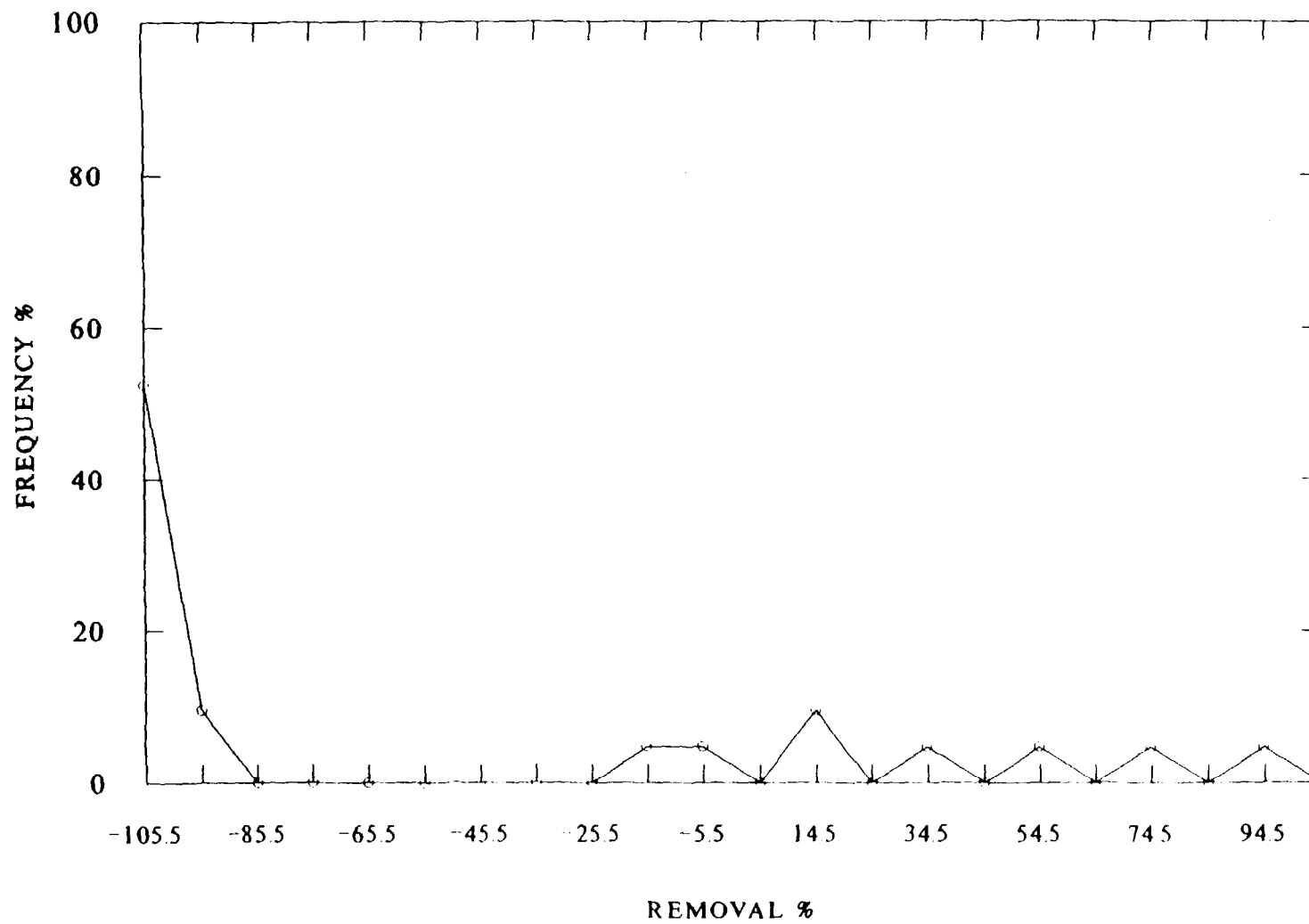
FREQUENCY DISTRIBUTION FOR THALLIUM



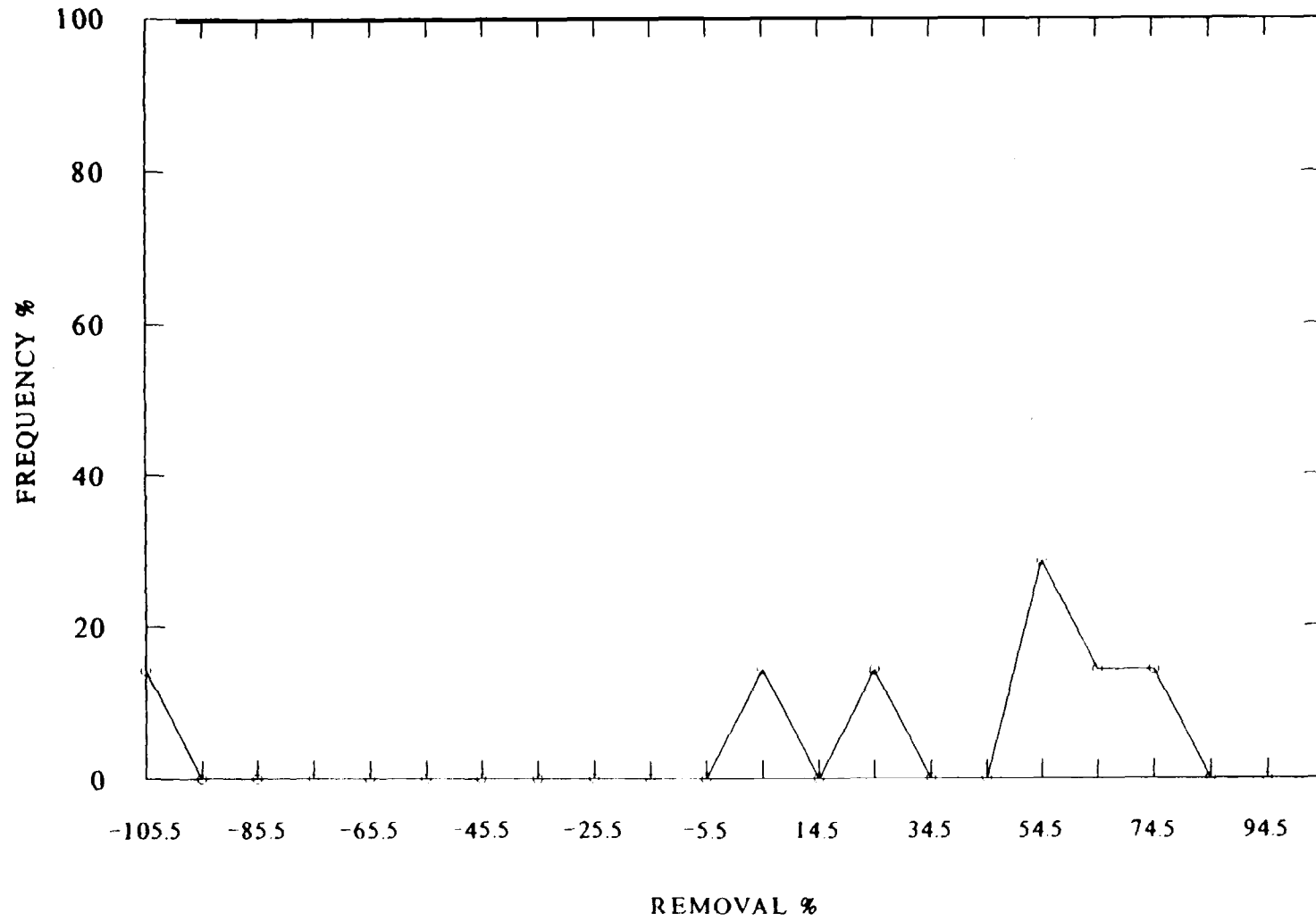
FREQUENCY DISTRIBUTION FOR ZINC



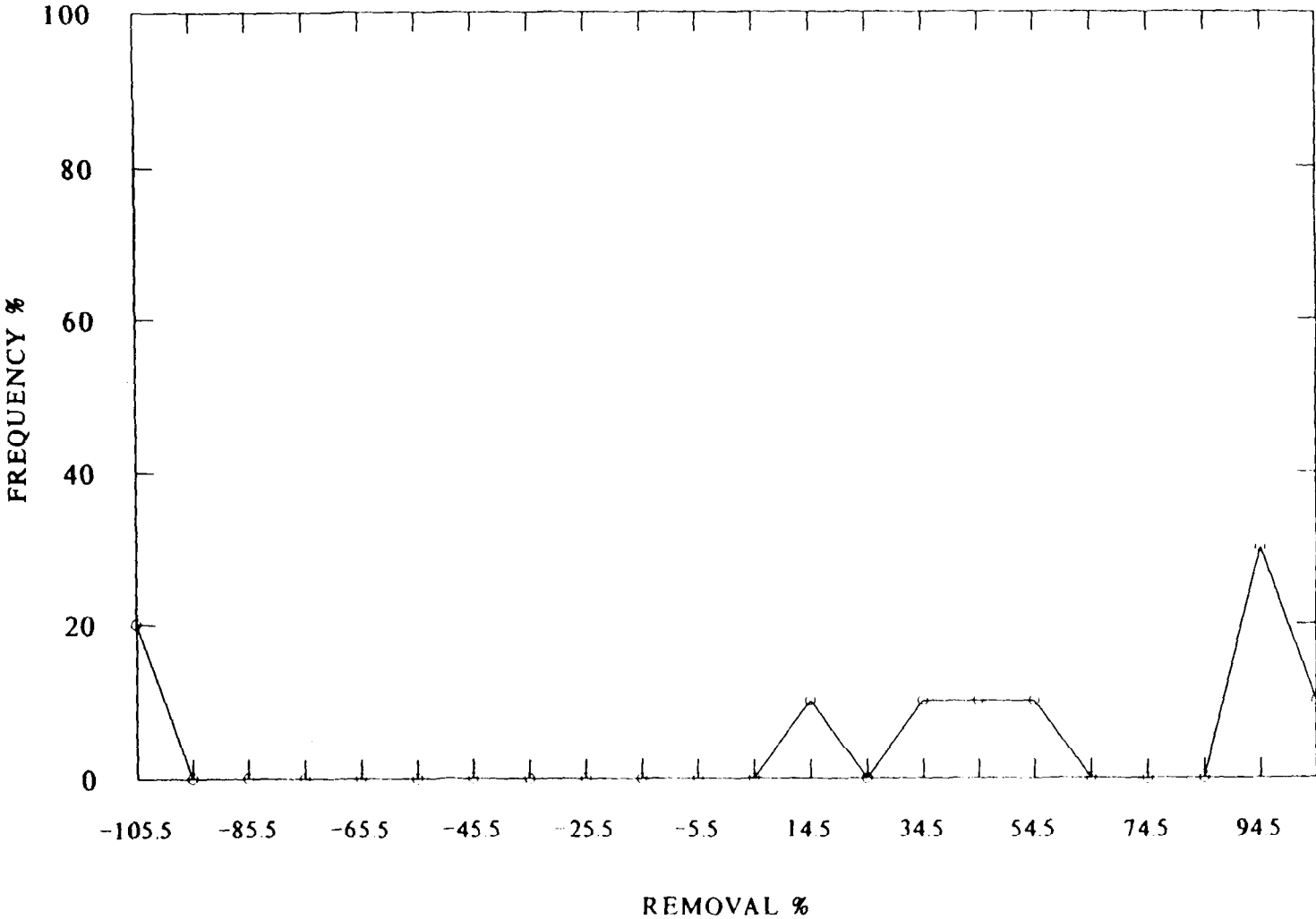
FREQUENCY DISTRIBUTION FOR CYANIDE



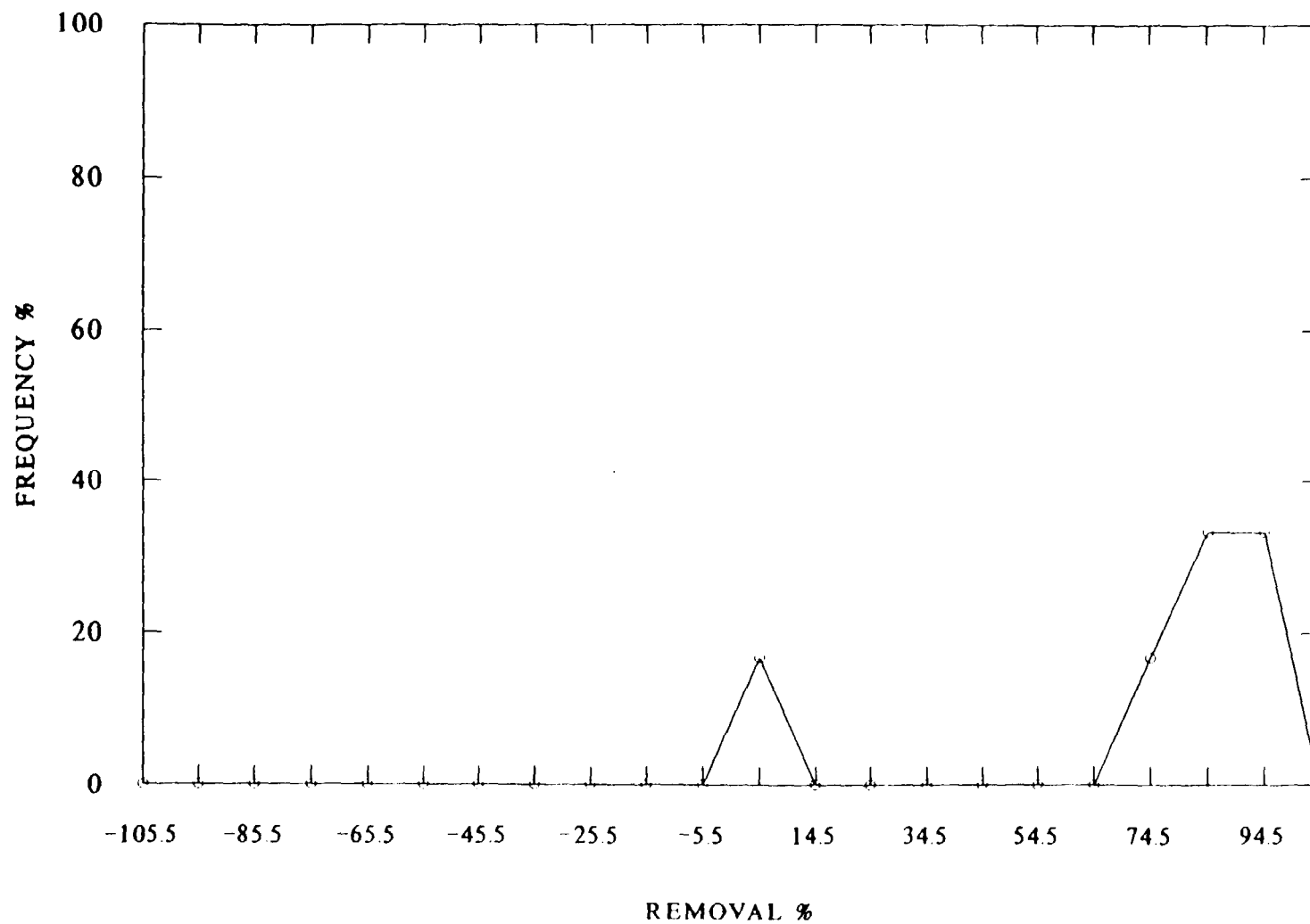
FREQUENCY DISTRIBUTION FOR SELENIUM



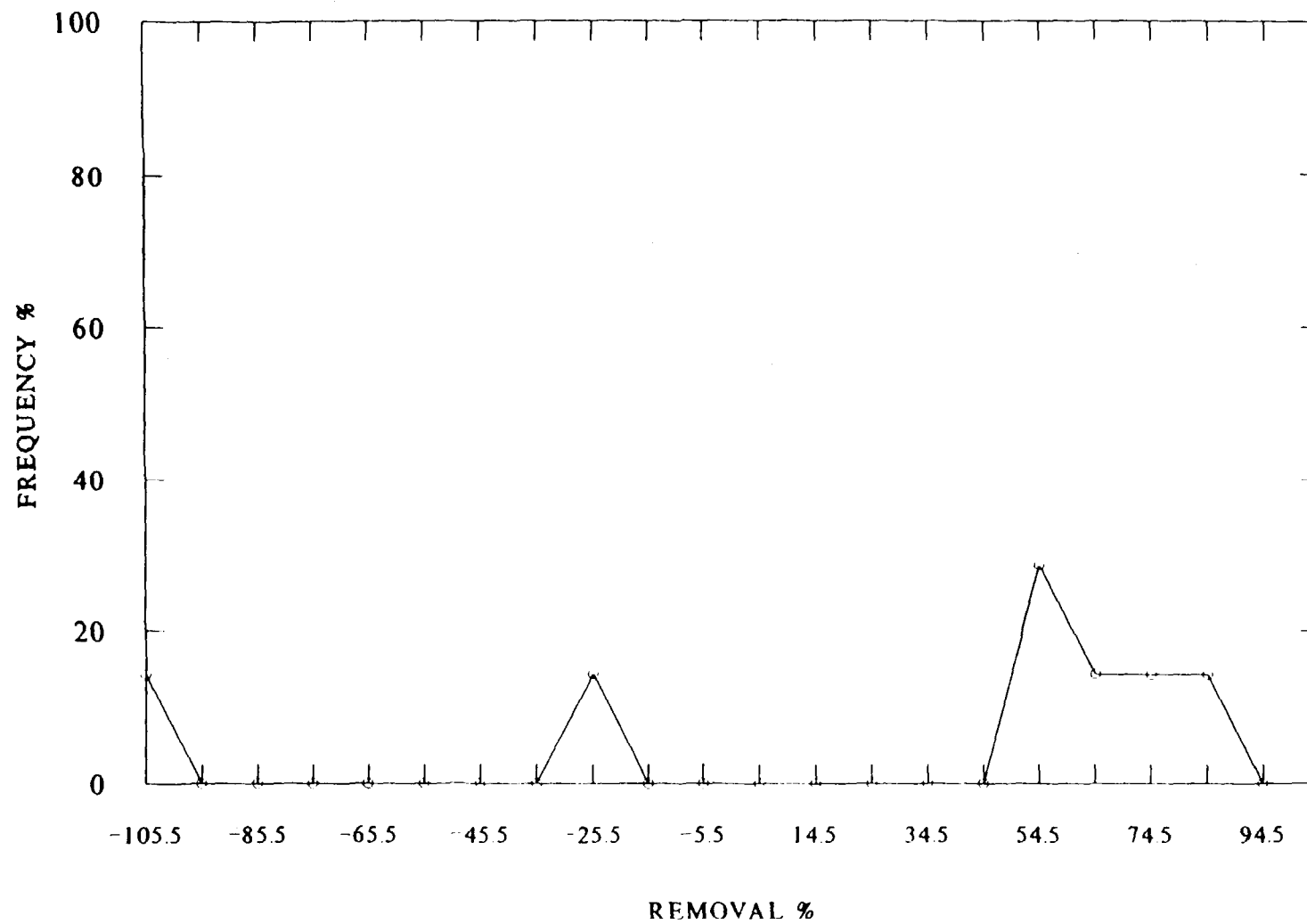
FREQUENCY DISTRIBUTION FOR METHYLENE CHLORIDE



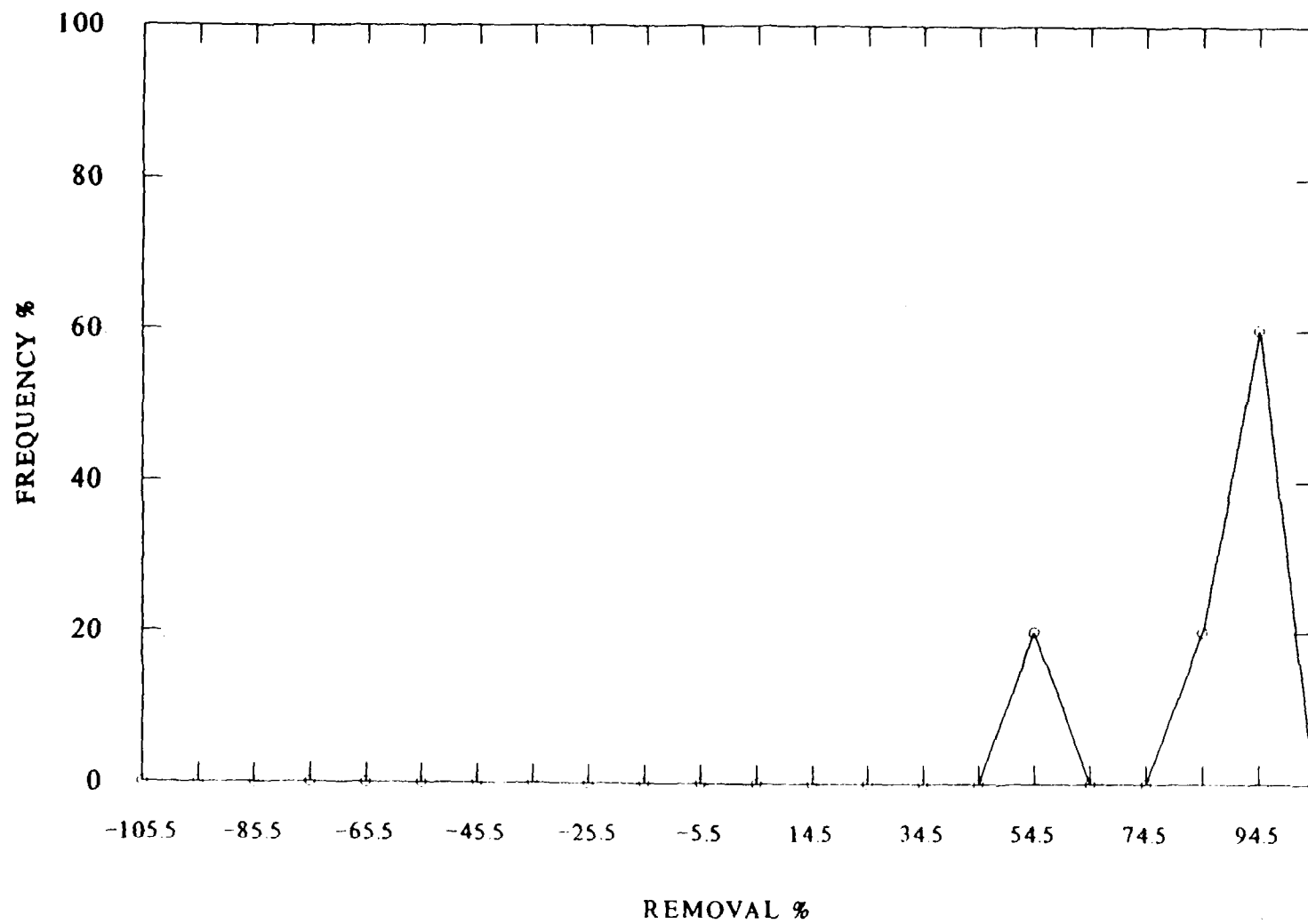
FREQUENCY DISTRIBUTION FOR 1,2-TRANS-DICHLOROETHYLENE



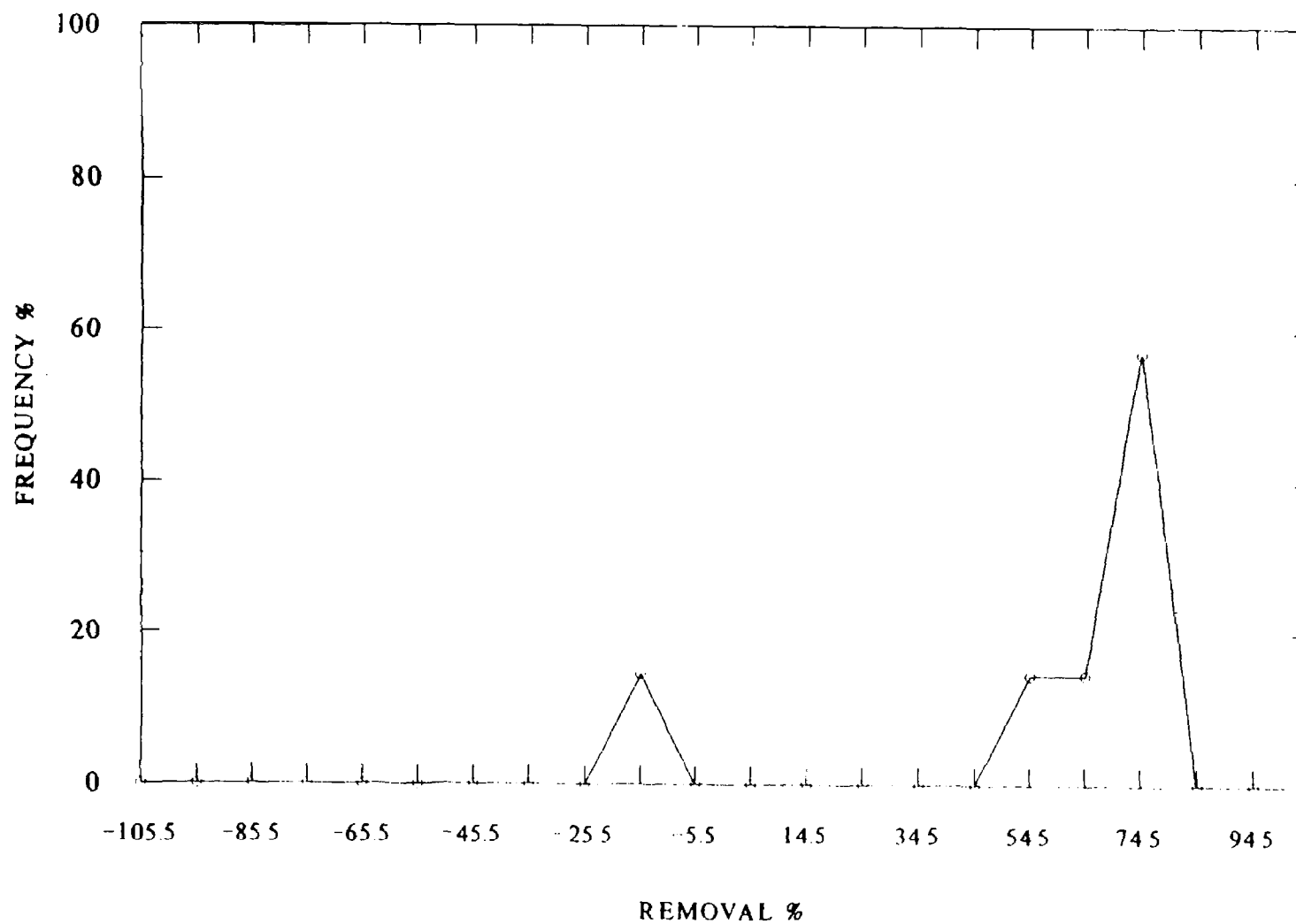
FREQUENCY DISTRIBUTION FOR TETRACHLOROETHYLENE



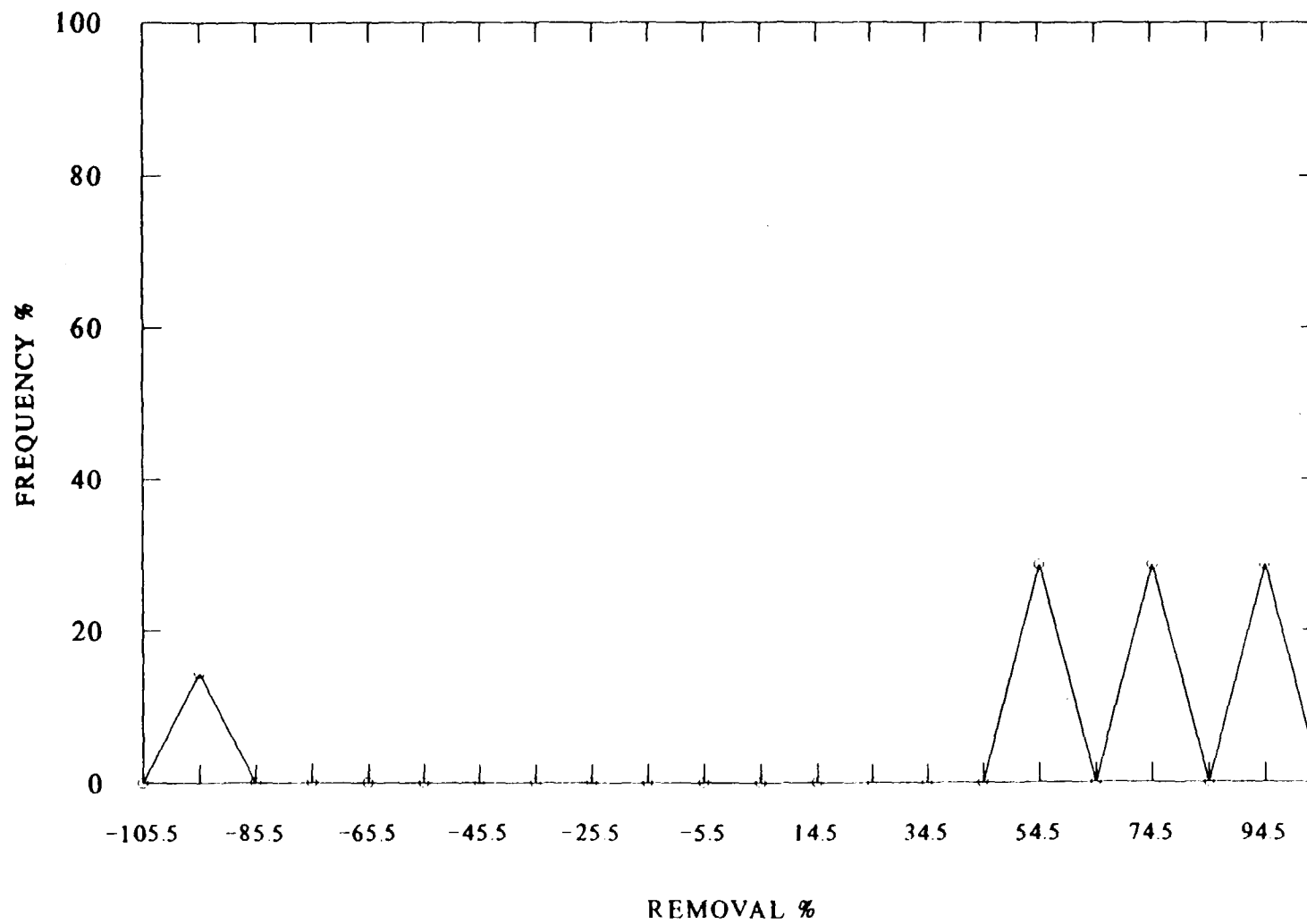
FREQUENCY DISTRIBUTION FOR TRICHLOROETHYLENE



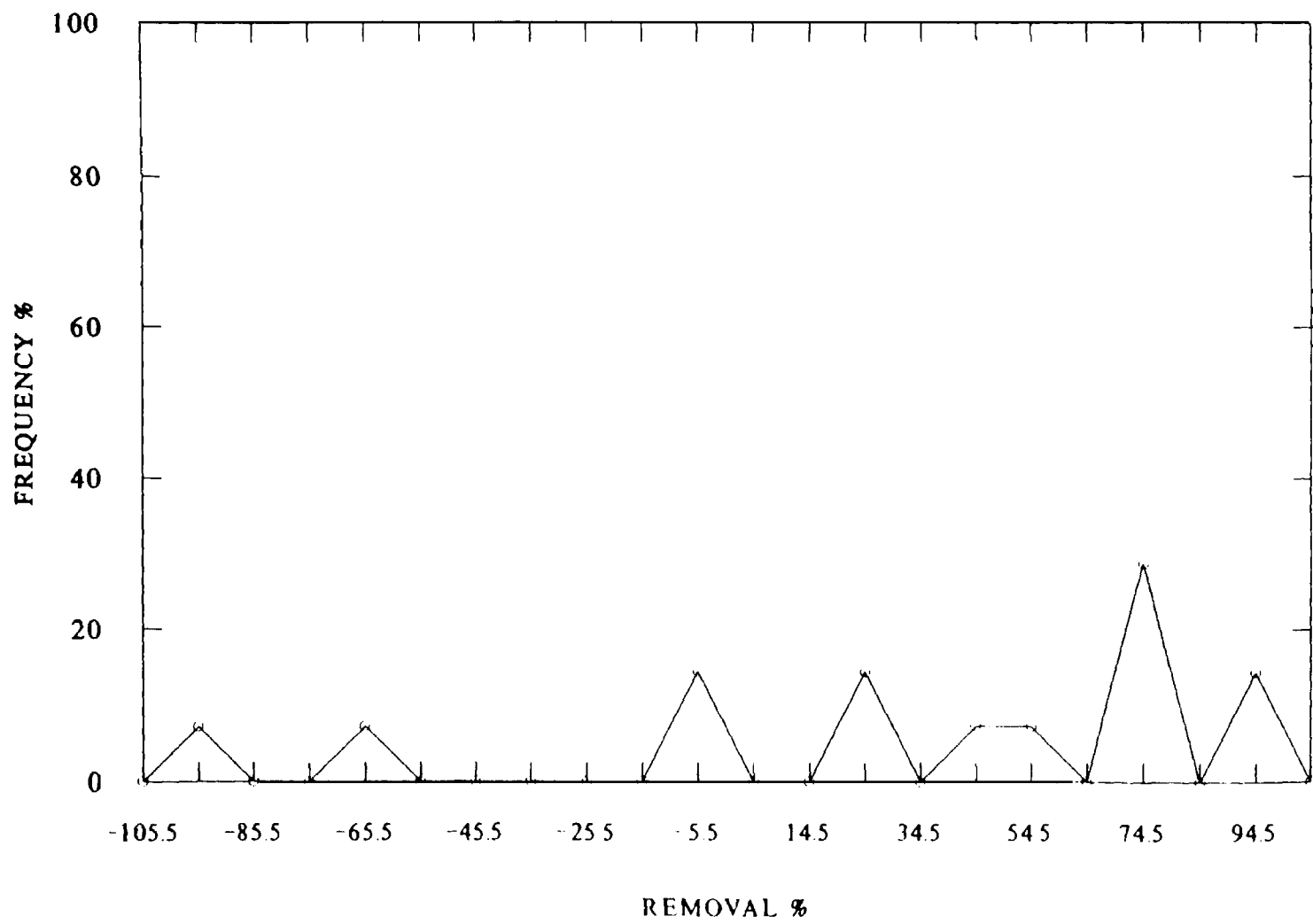
FREQUENCY DISTRIBUTION FOR DIETHYL PHTHALATE



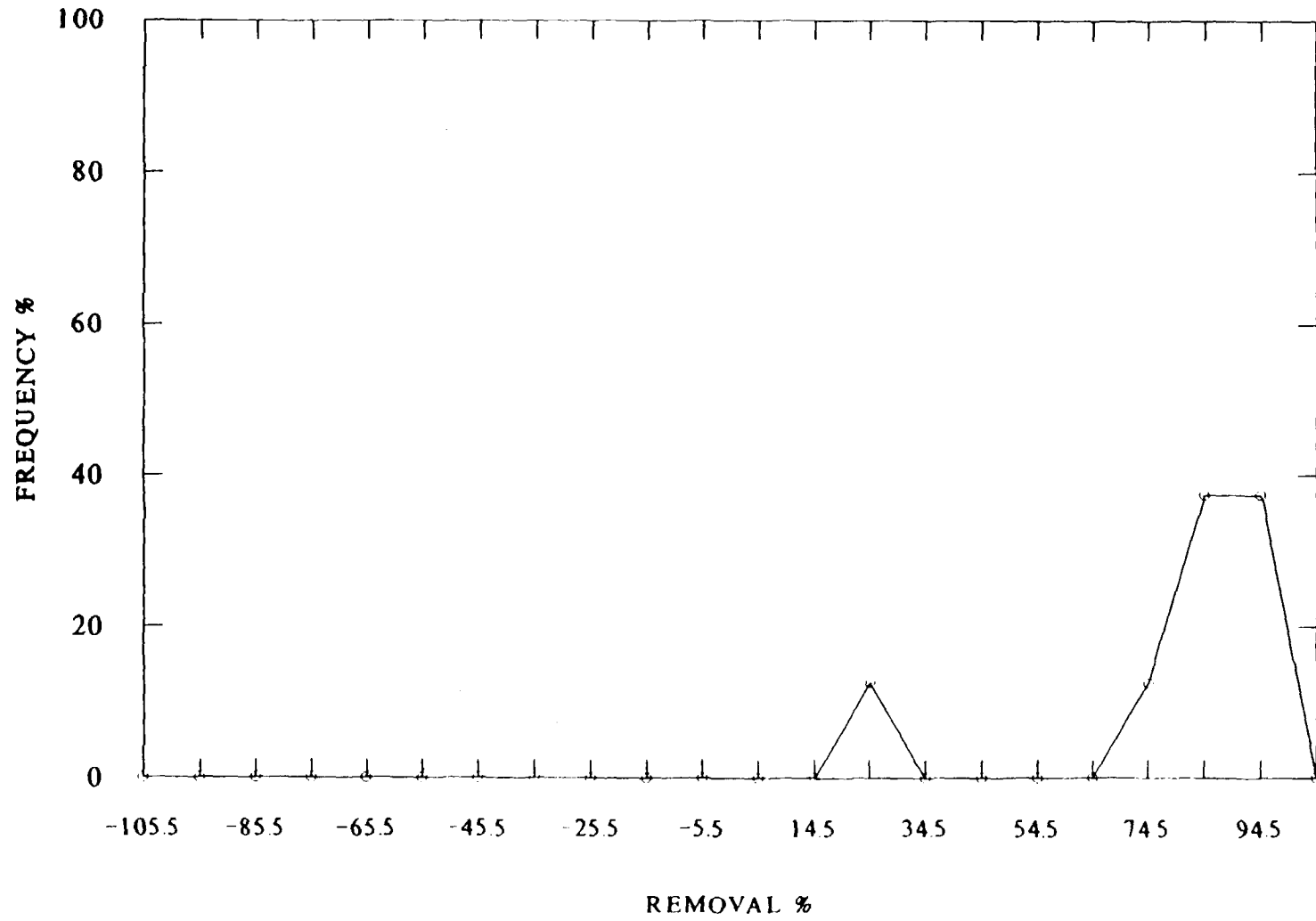
FREQUENCY DISTRIBUTION FOR DI-N-OCTYL PHTHALATE



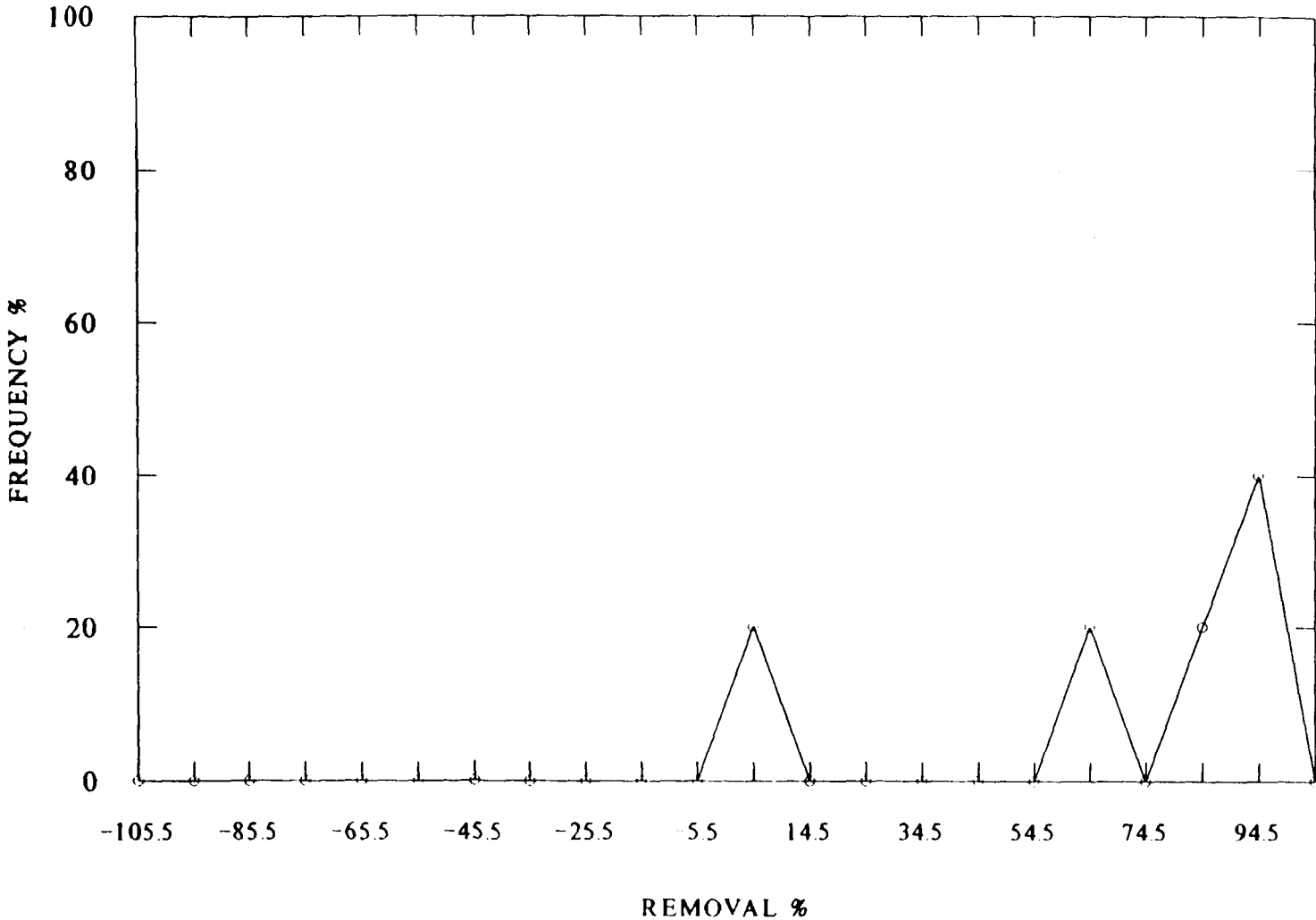
FREQUENCY DISTRIBUTION FOR BIS (2-ETHYLHEXYL)PHTHALATE



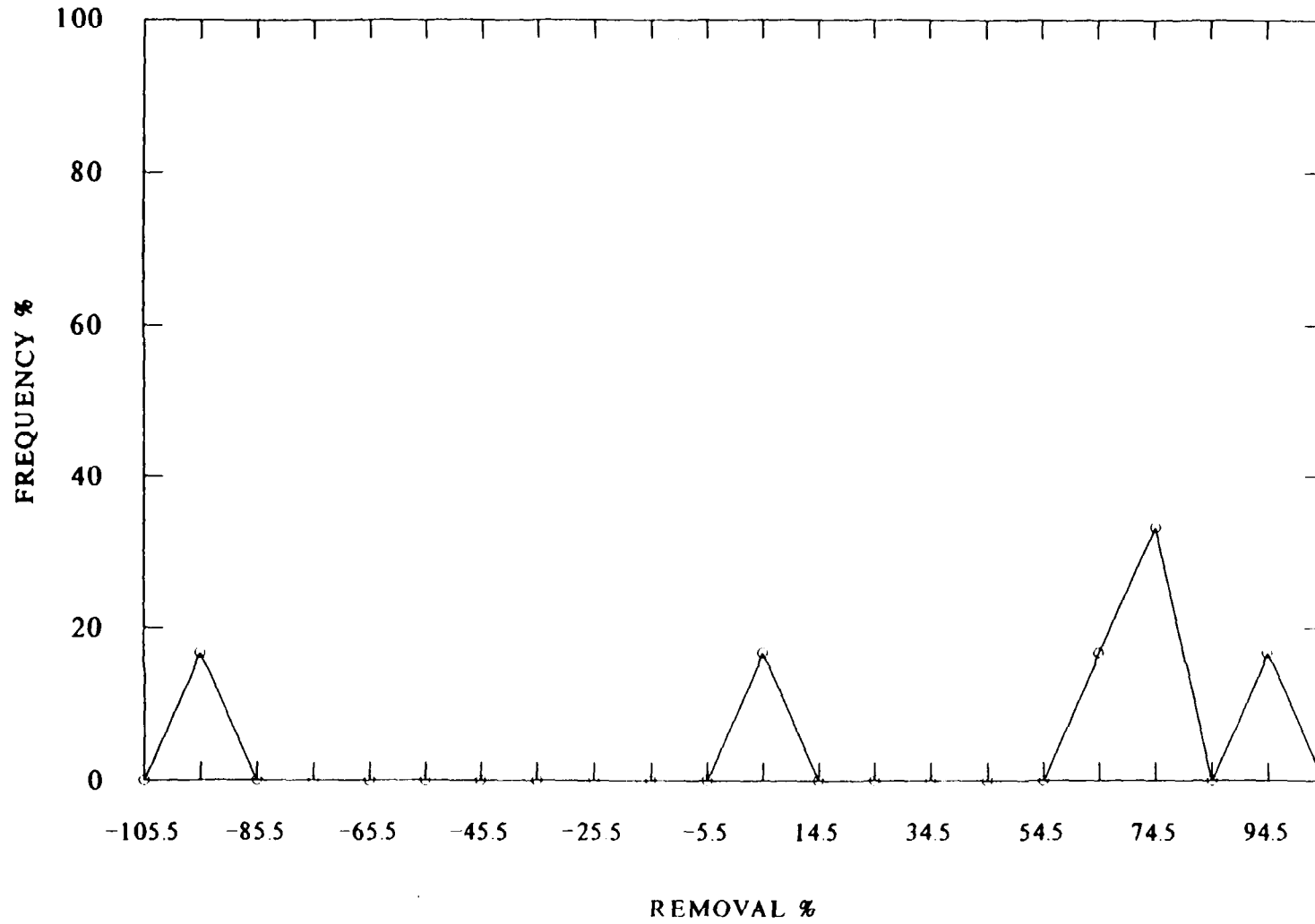
FREQUENCY DISTRIBUTION FOR TOLUENE



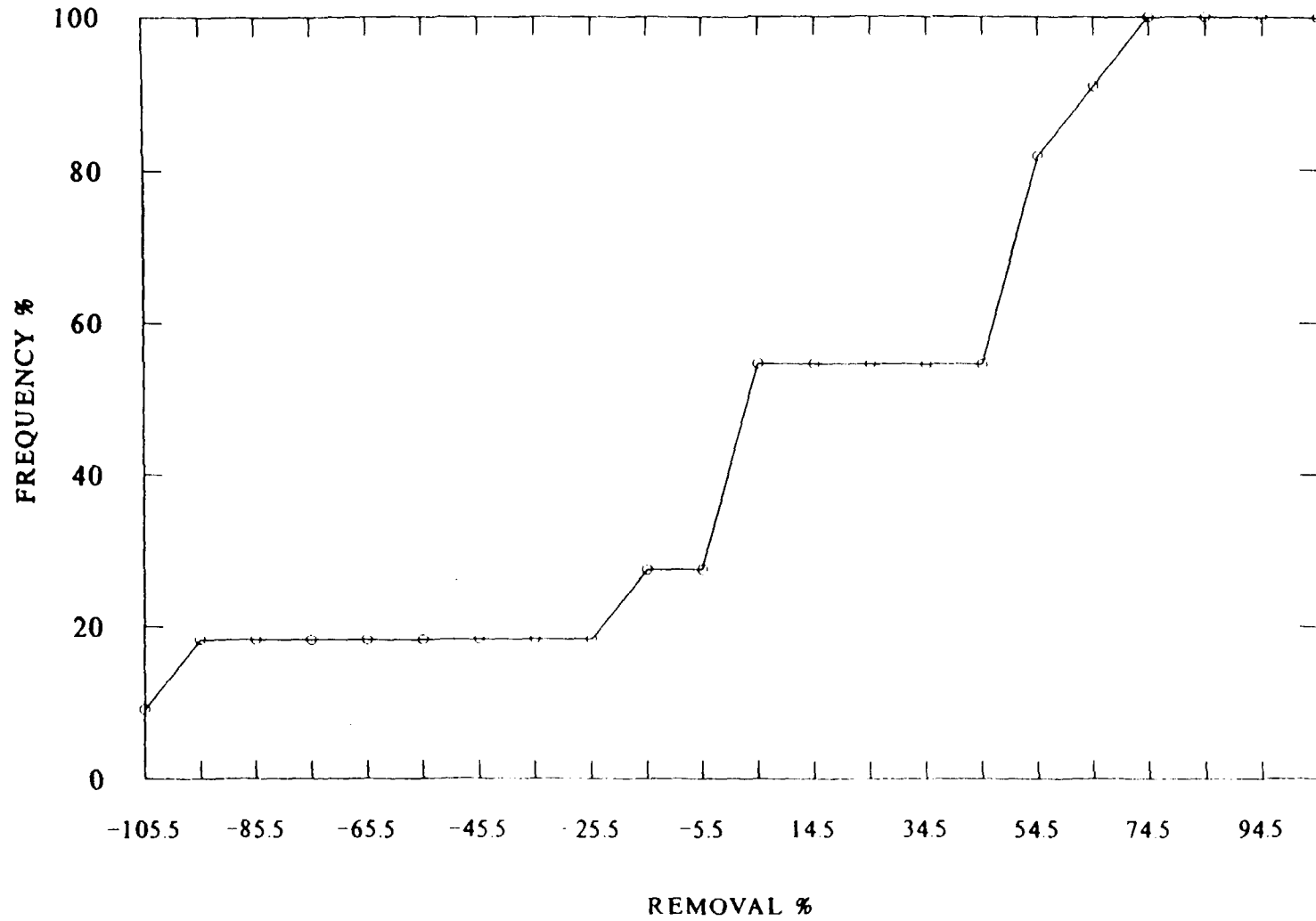
FREQUENCY DISTRIBUTION FOR 4-METHYL PHENOL



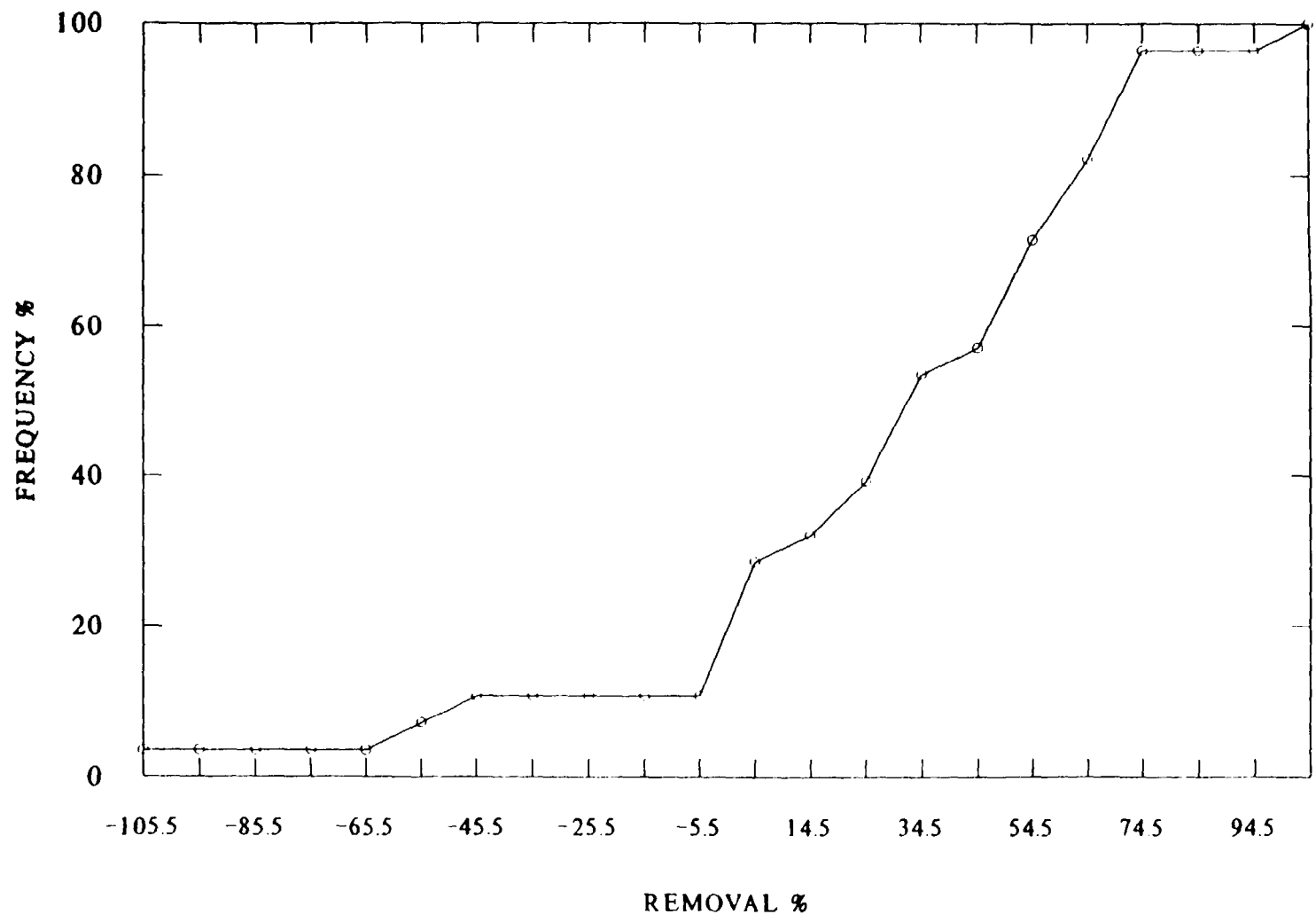
FREQUENCY DISTRIBUTION FOR 1,4-DICHLOROBENZENE



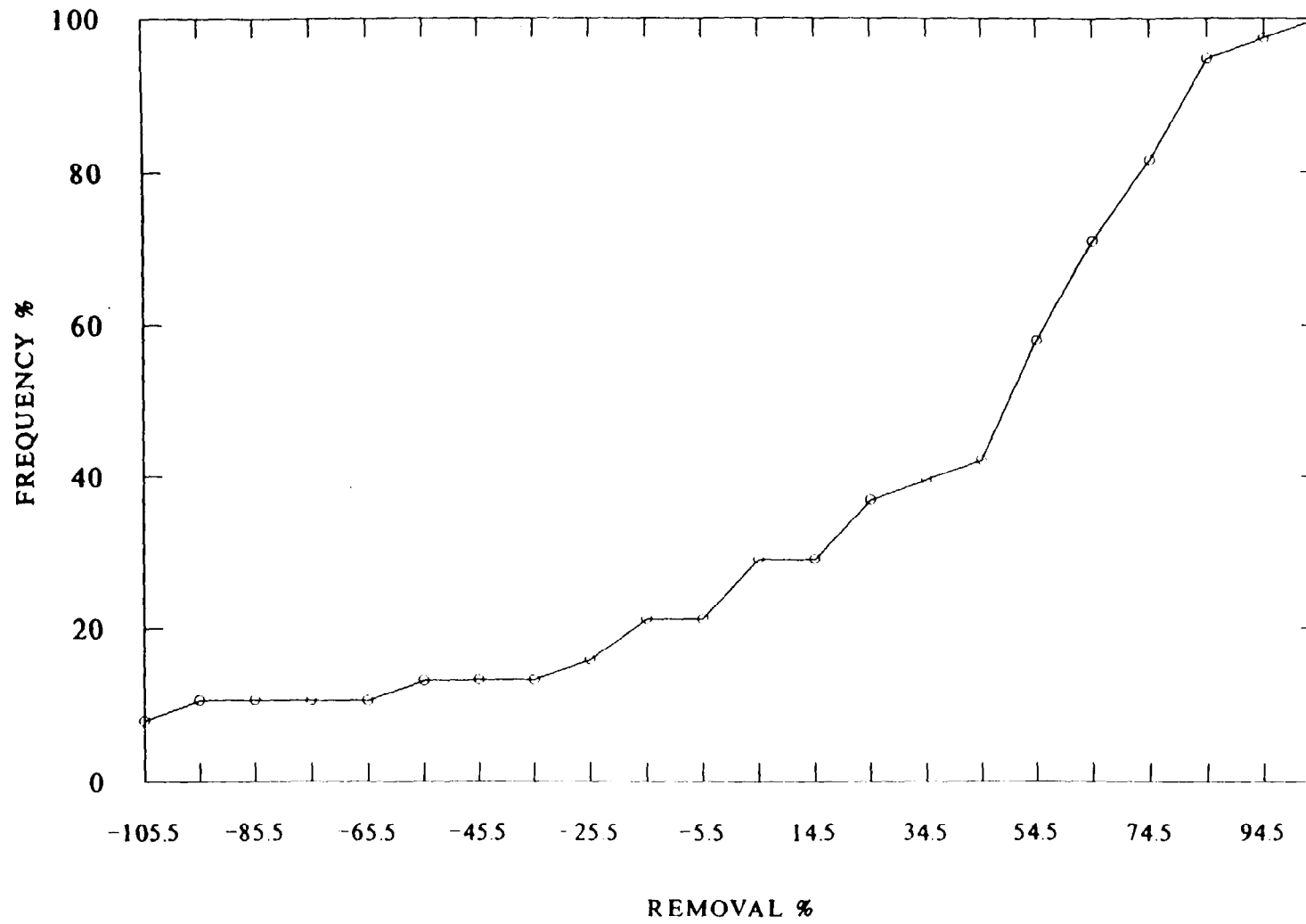
CUMULATIVE FREQUENCY DISTRIBUTION FOR ARSENIC



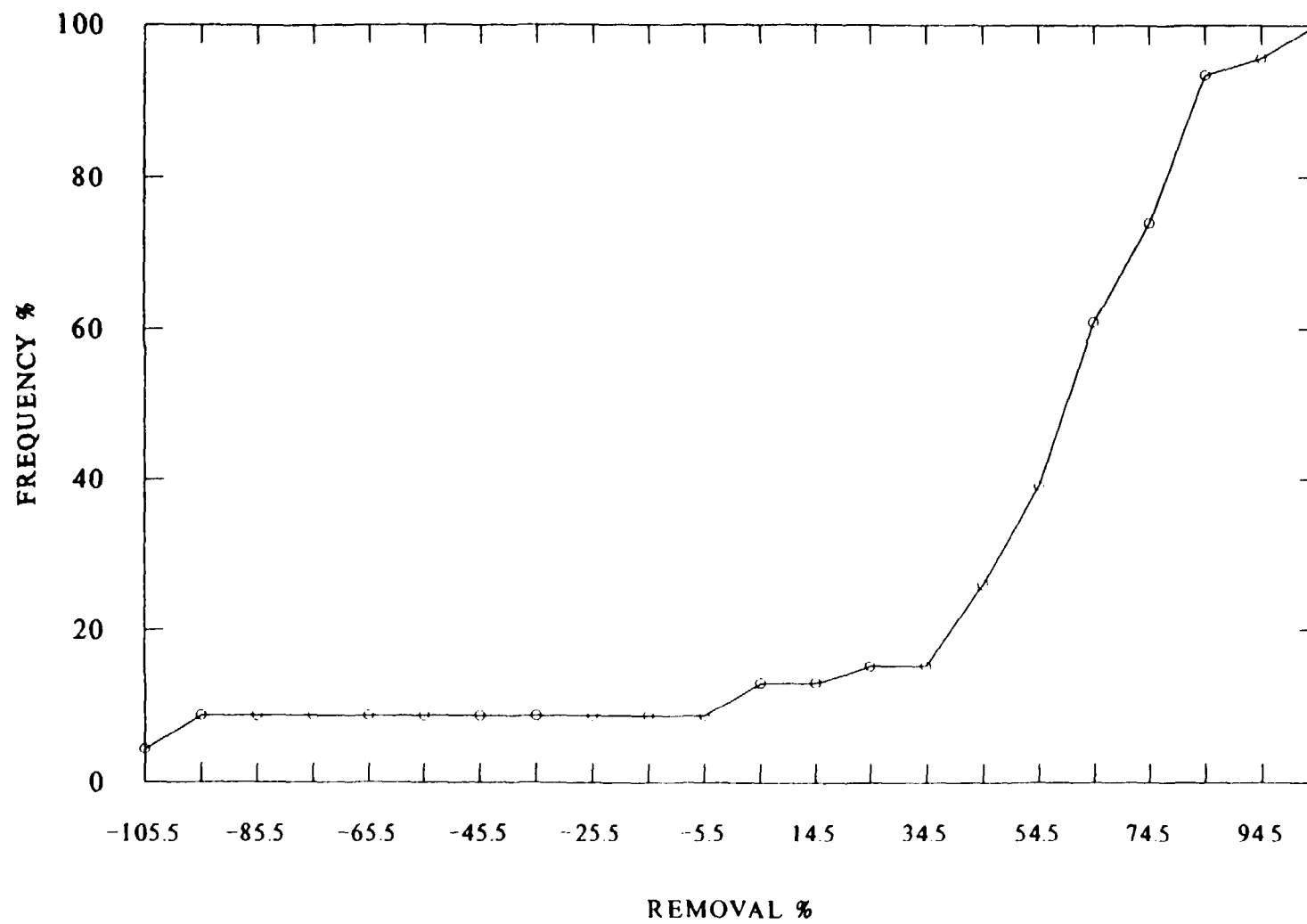
CUMULATIVE FREQUENCY DISTRIBUTION FOR CADMIUM



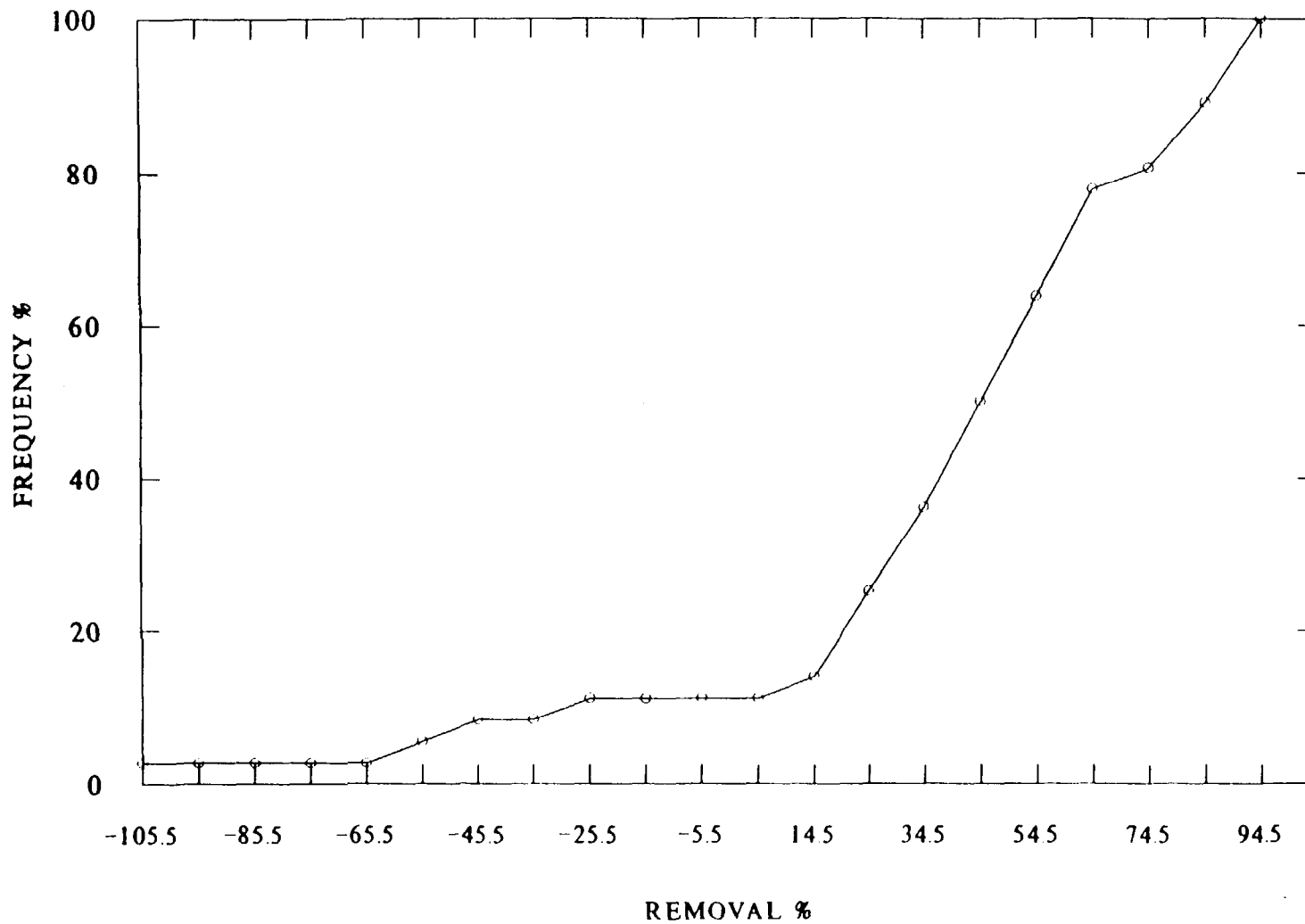
CUMULATIVE FREQUENCY DISTRIBUTION FOR CHROMIUM



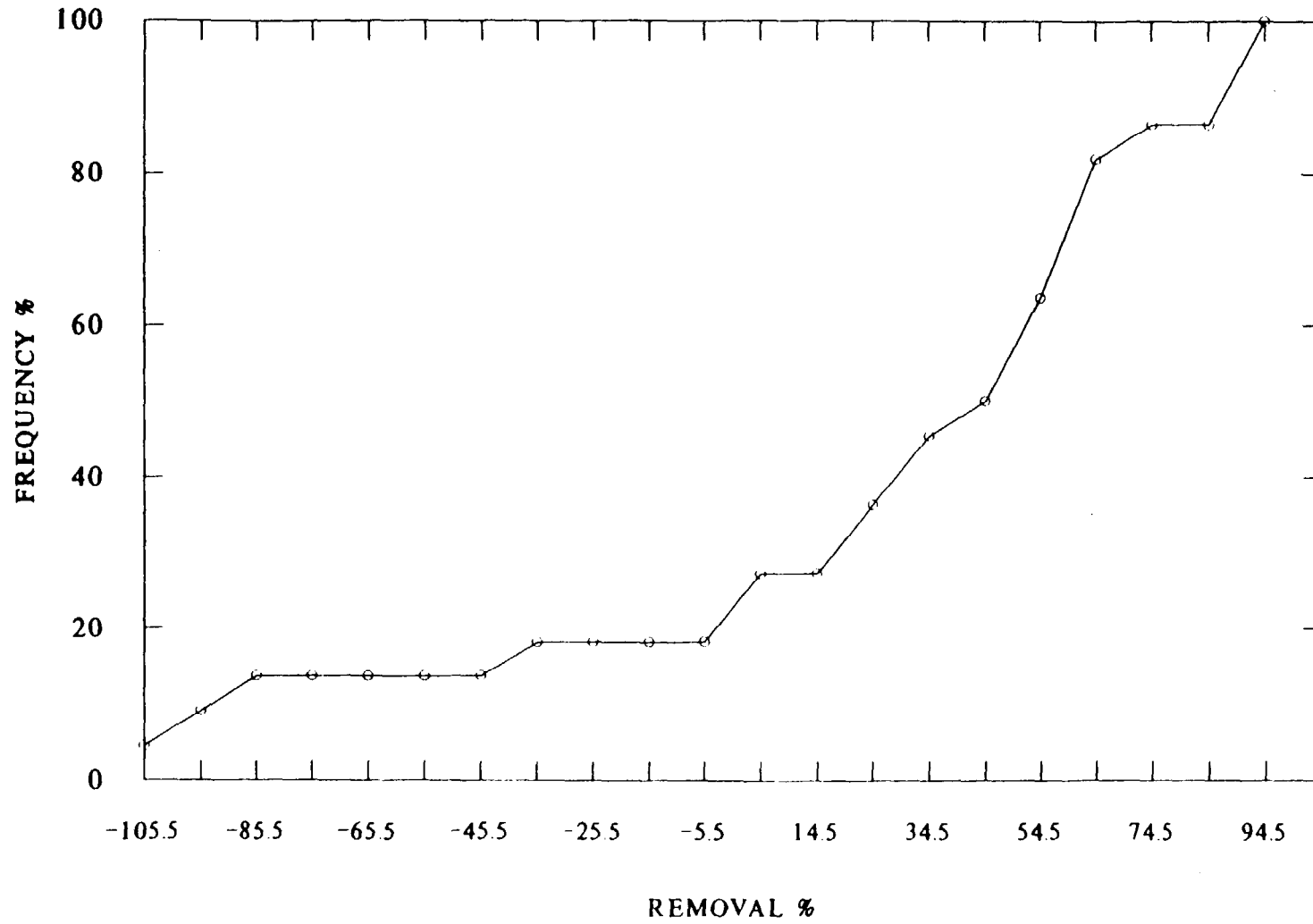
CUMULATIVE FREQUENCY DISTRIBUTION FOR COPPER



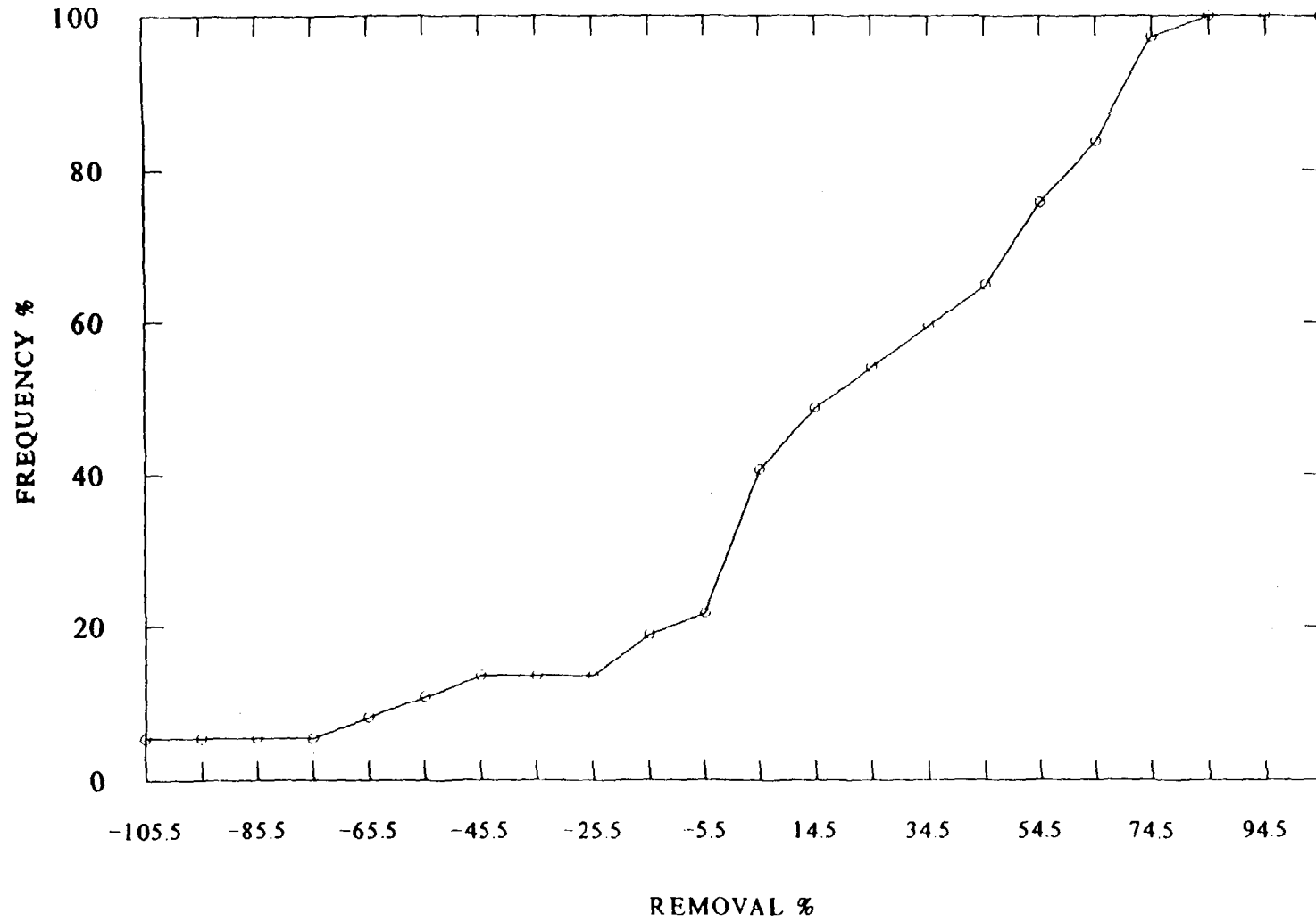
CUMULATIVE FREQUENCY DISTRIBUTION FOR LEAD



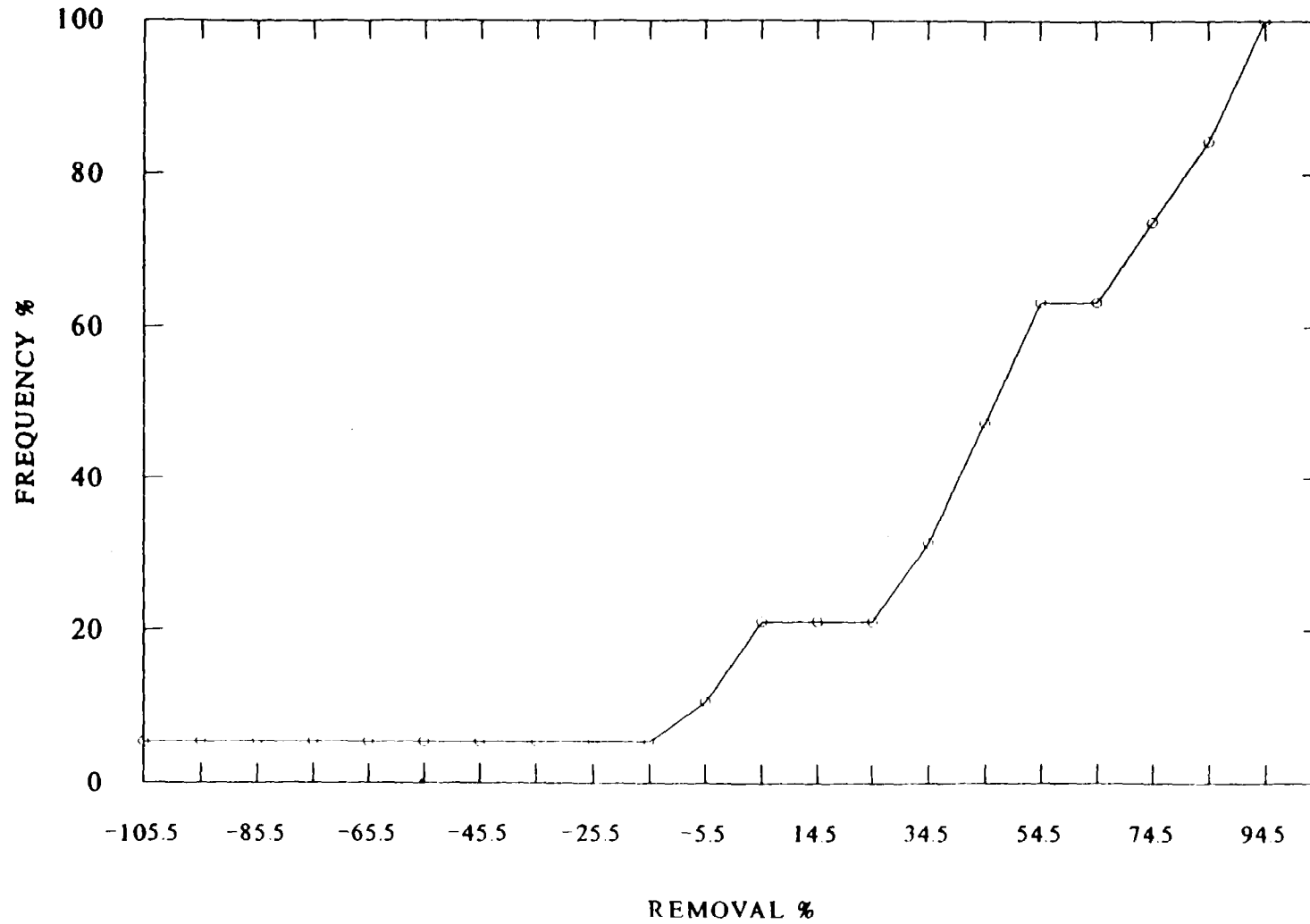
CUMULATIVE FREQUENCY DISTRIBUTION FOR MERCURY



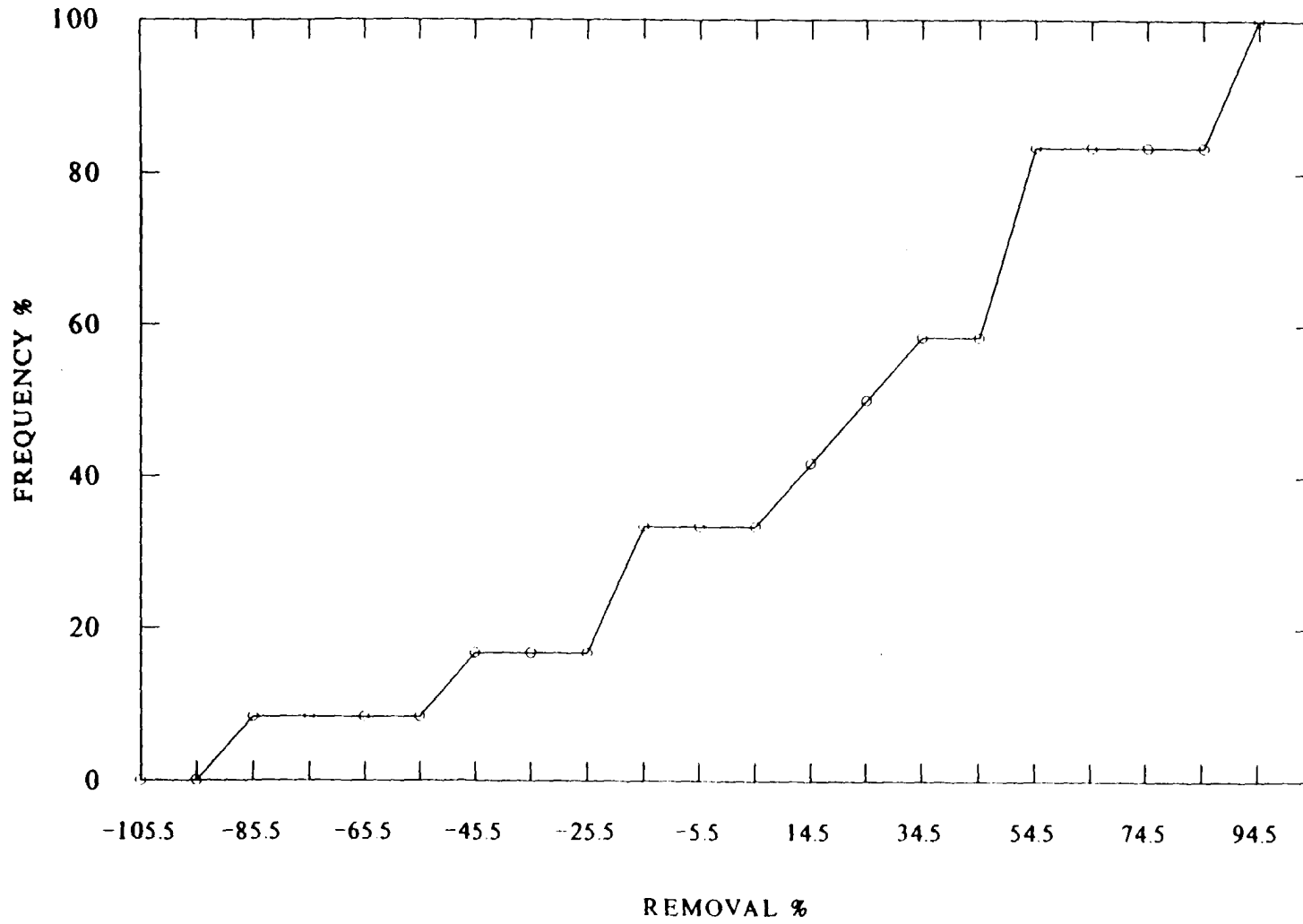
CUMULATIVE FREQUENCY DISTRIBUTION FOR NICKEL



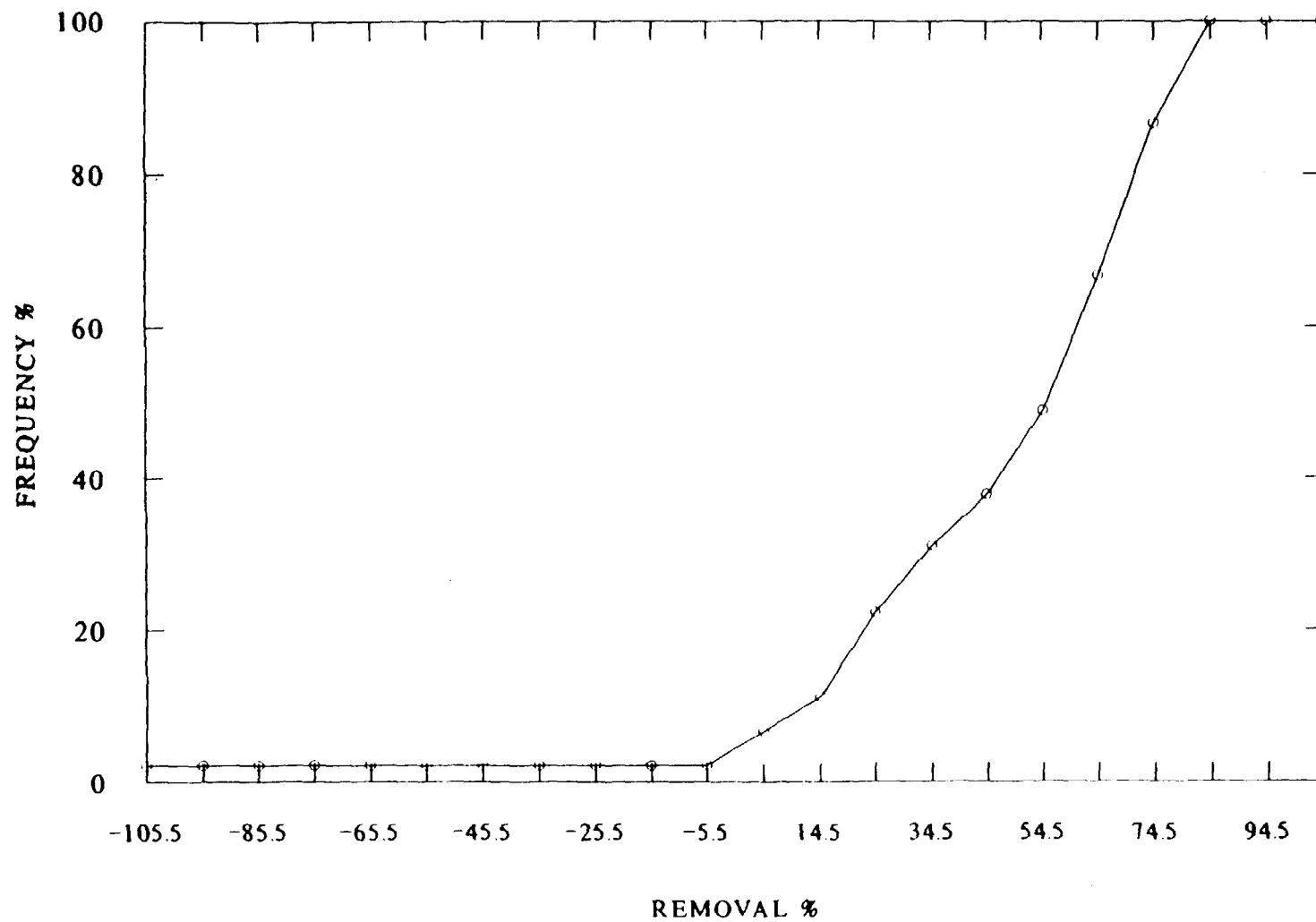
CUMULATIVE FREQUENCY DISTRIBUTION FOR SILVER



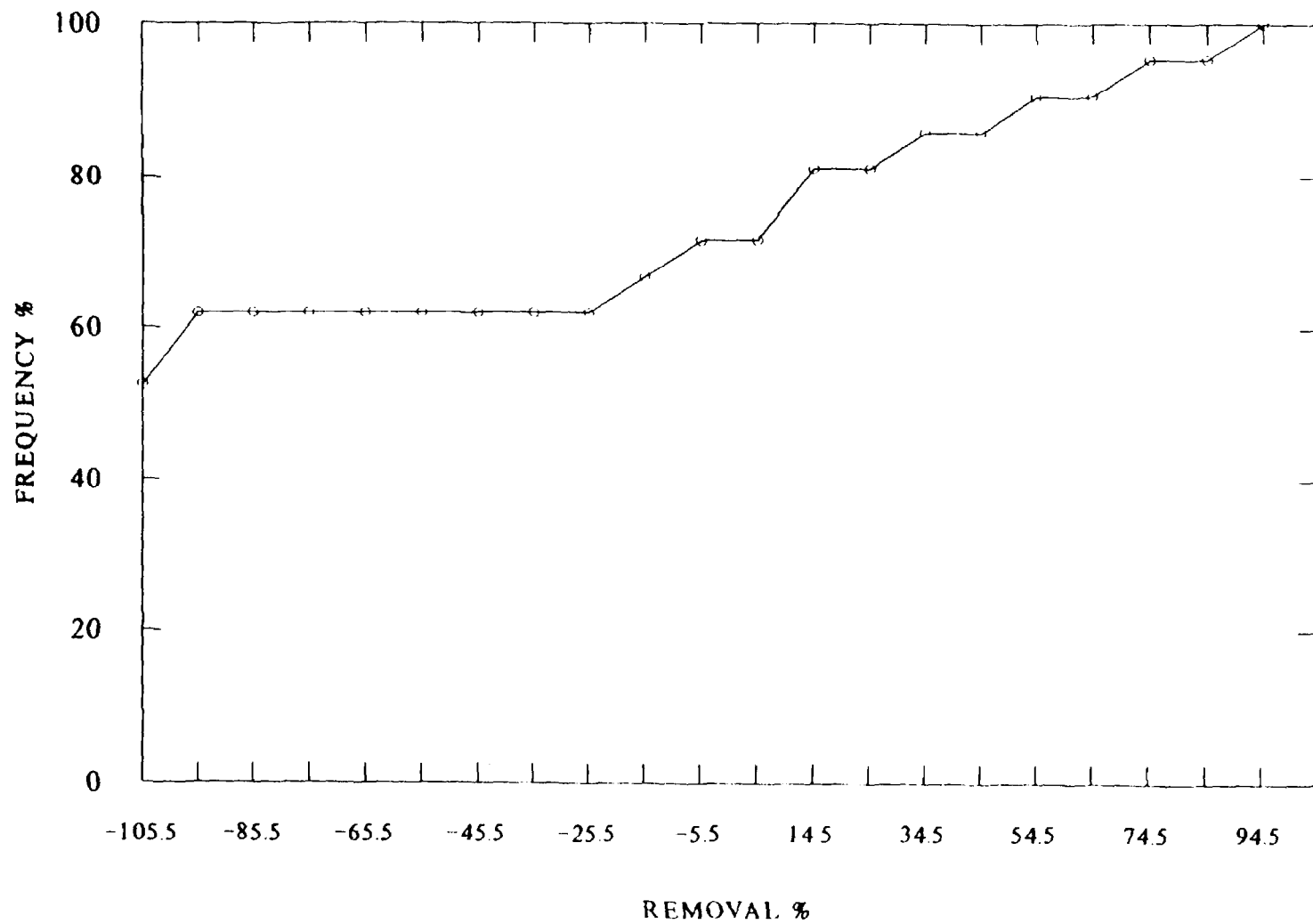
CUMULATIVE FREQUENCY DISTRIBUTION FOR THALLIUM



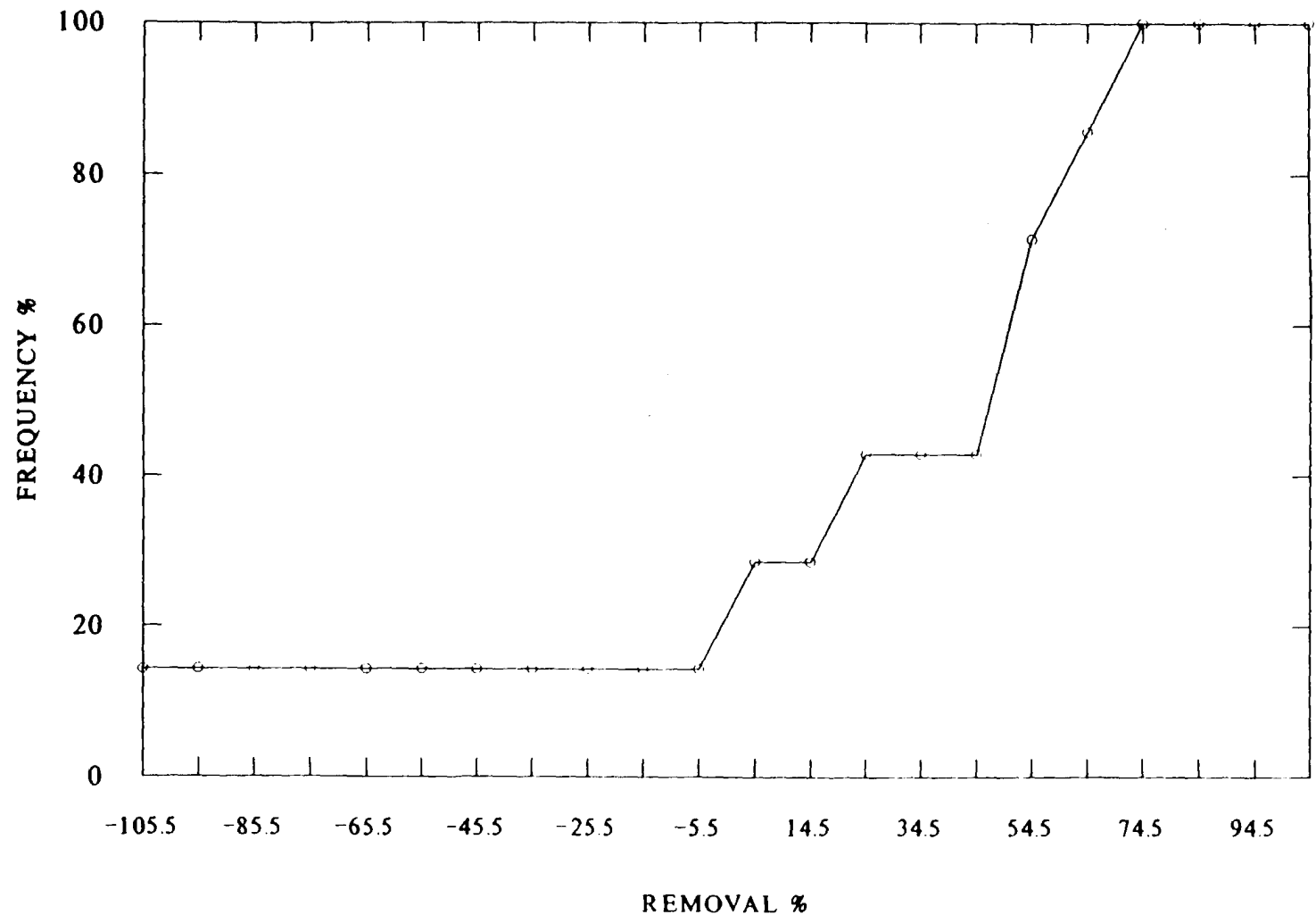
CUMULATIVE FREQUENCY DISTRIBUTION FOR ZINC



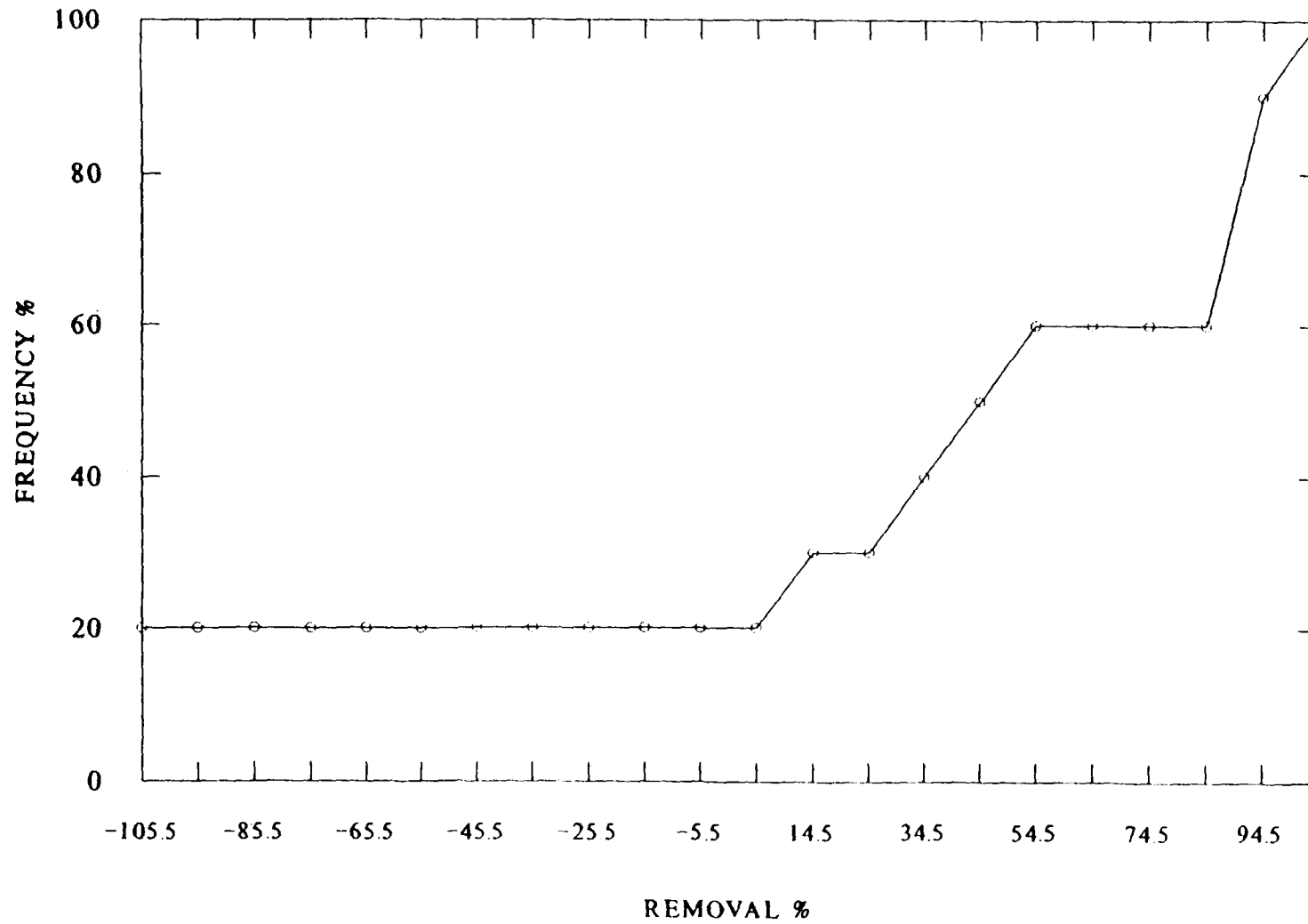
CUMULATIVE FREQUENCY DISTRIBUTION FOR CYANIDE



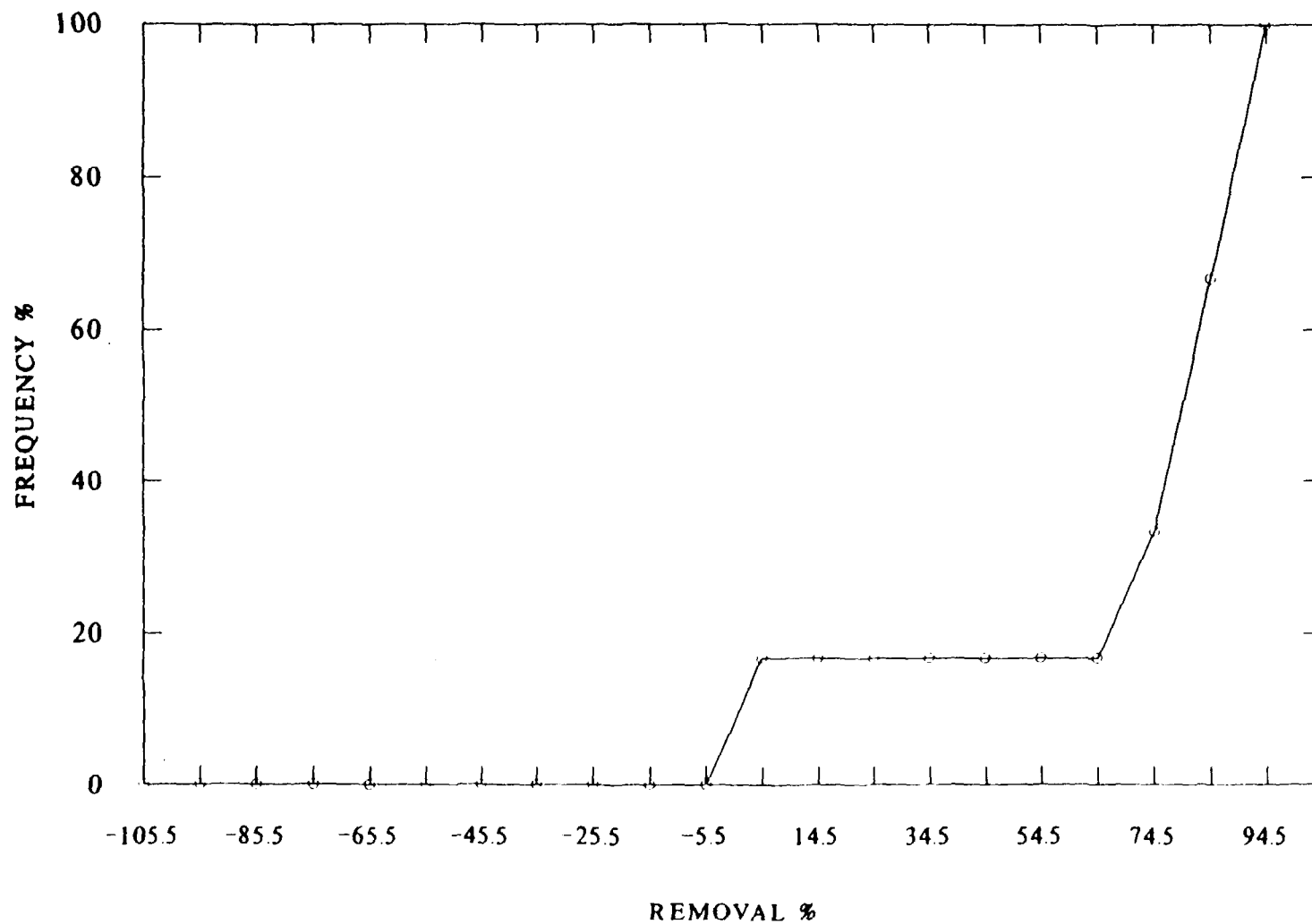
CUMULATIVE FREQUENCY DISTRIBUTION FOR SELENIUM



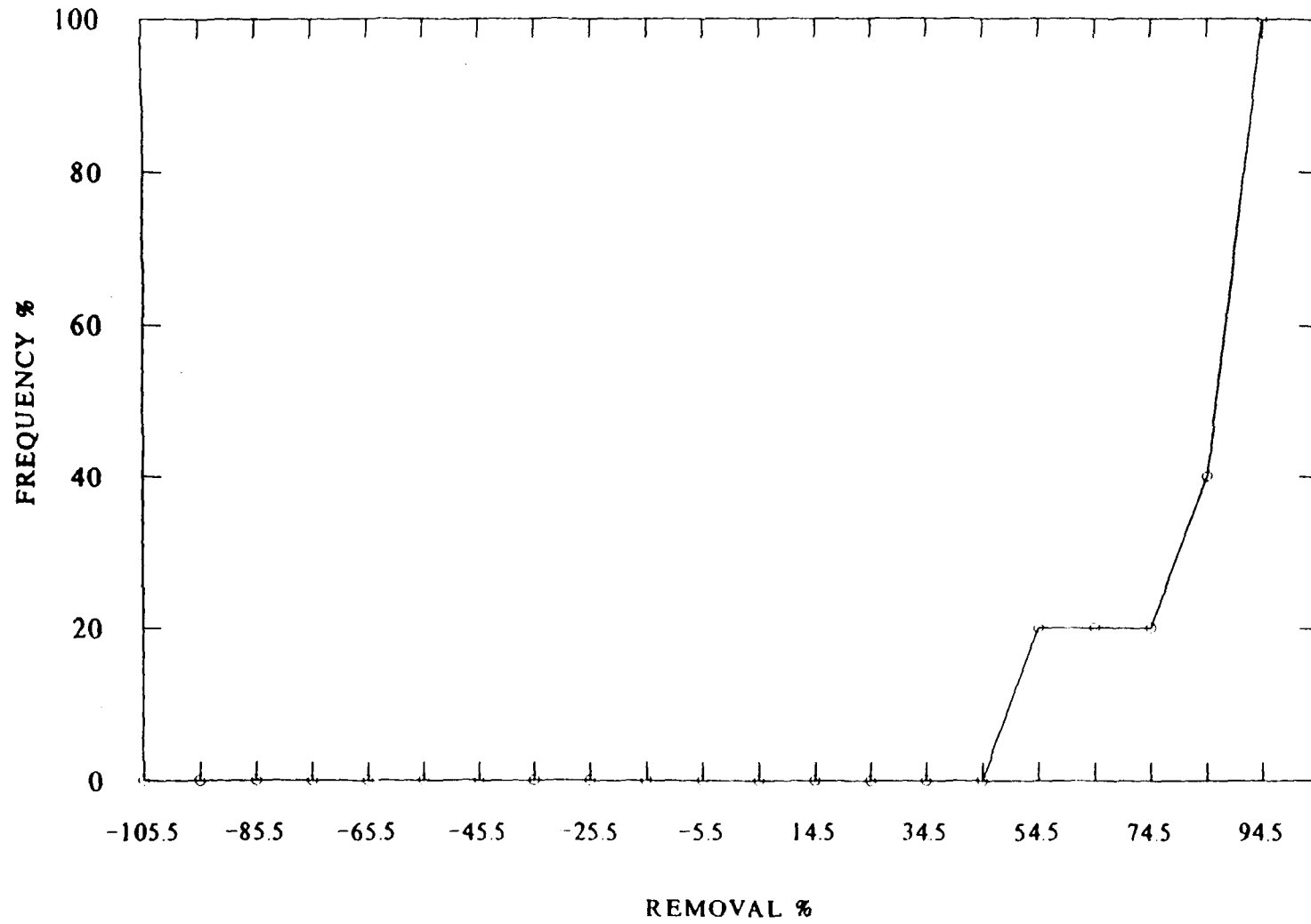
CUMULATIVE FREQUENCY DISTRIBUTION FOR METHYLENE CHLORIDE



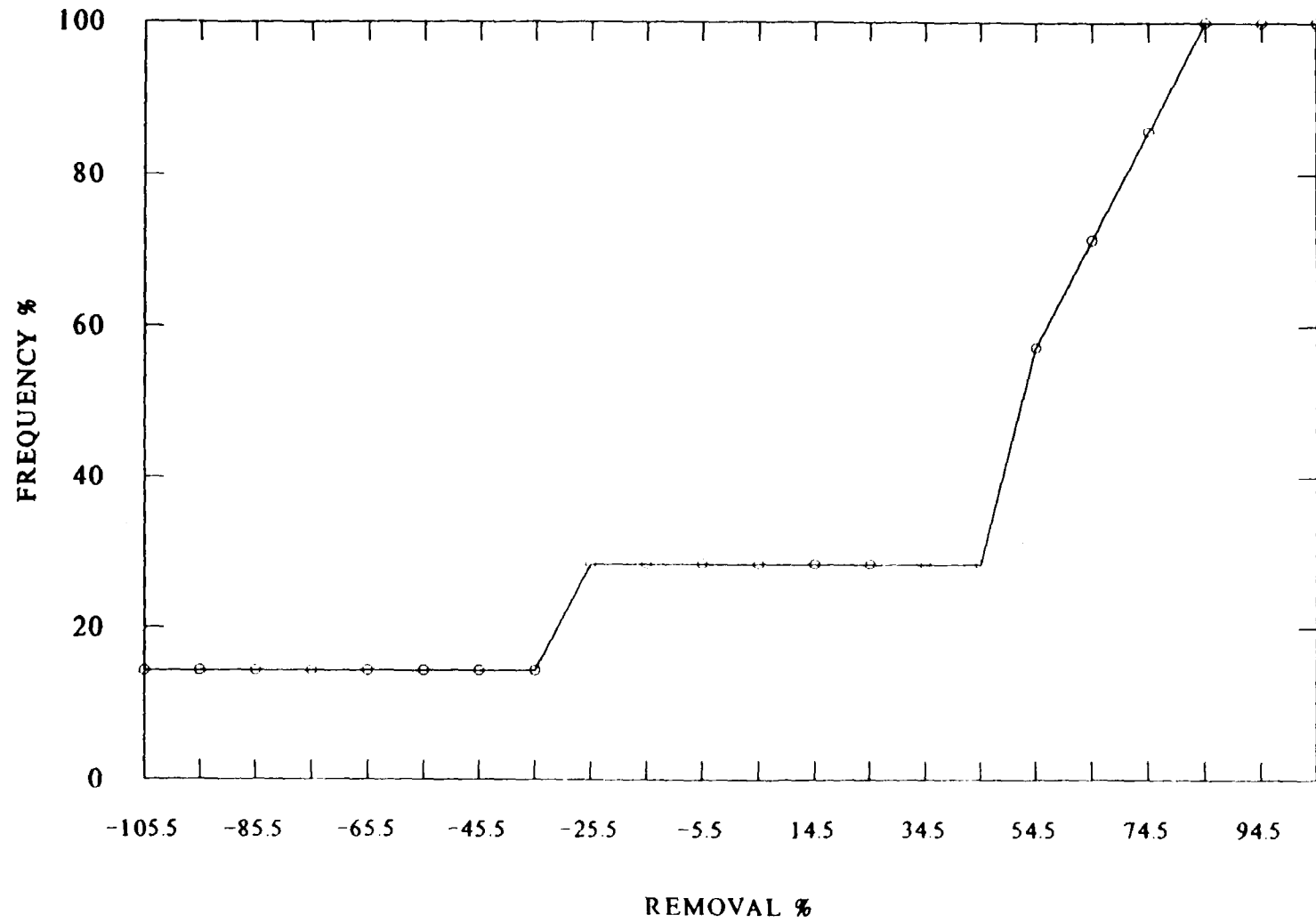
CUMULATIVE FREQUENCY DISTRIBUTION FOR 1,2-TRANS-DICHLOROETHYLENE



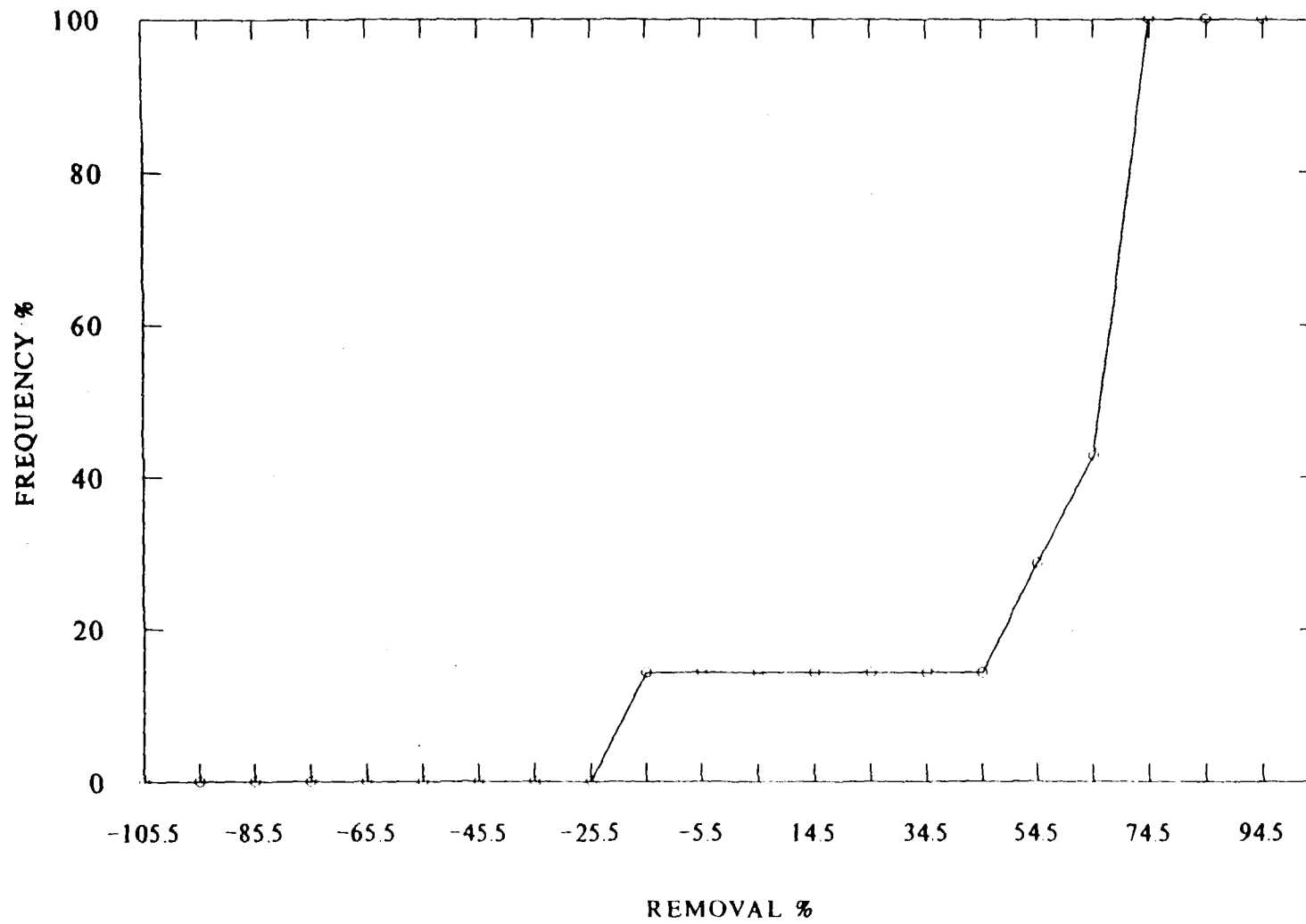
CUMULATIVE FREQUENCY DISTRIBUTION FOR TRICHLOROETHYLENE



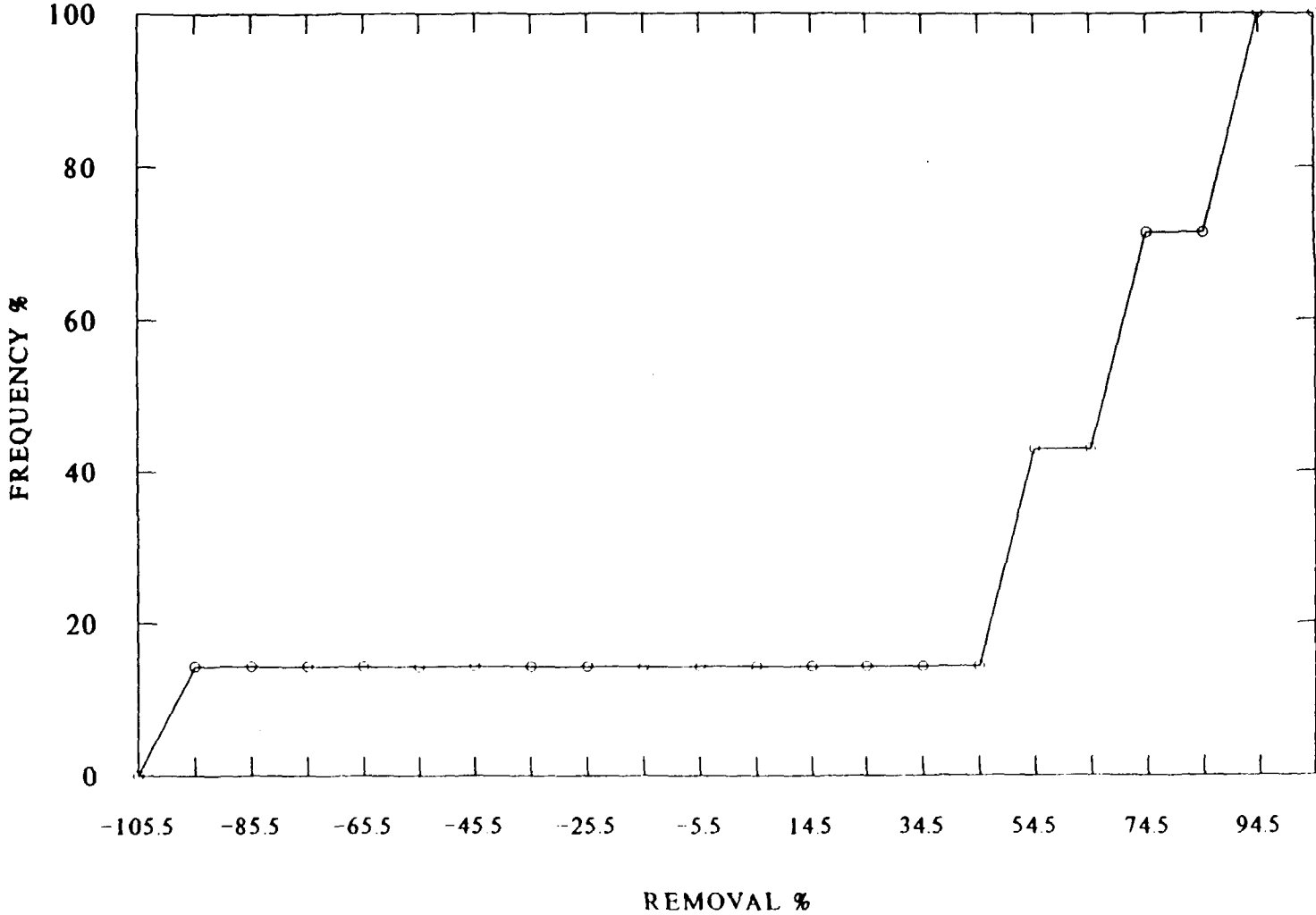
CUMULATIVE FREQUENCY DISTRIBUTION FOR TETRACHLOROETHYLENE



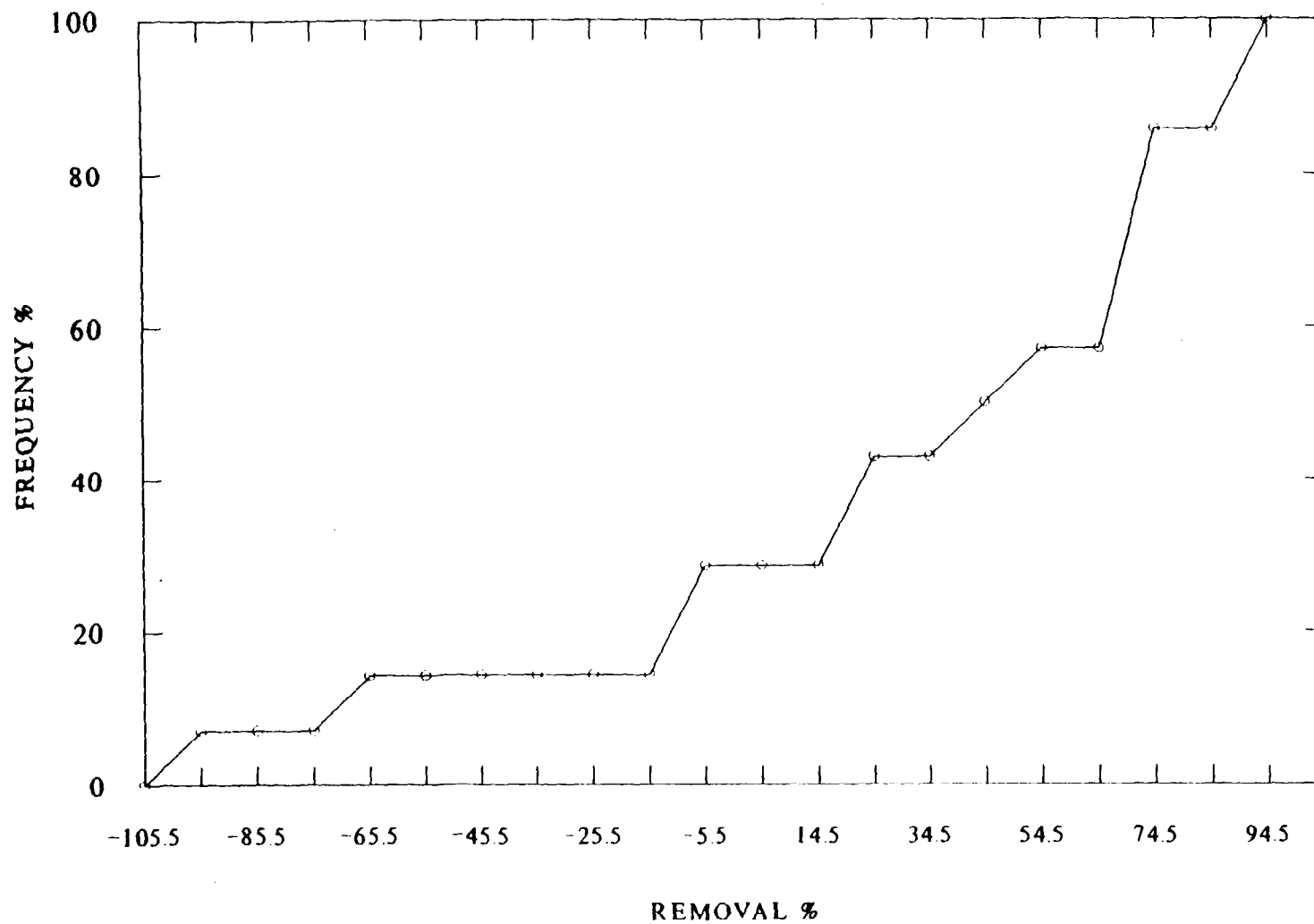
CUMULATIVE FREQUENCY DISTRIBUTION FOR DIETHYL PHTHALATE



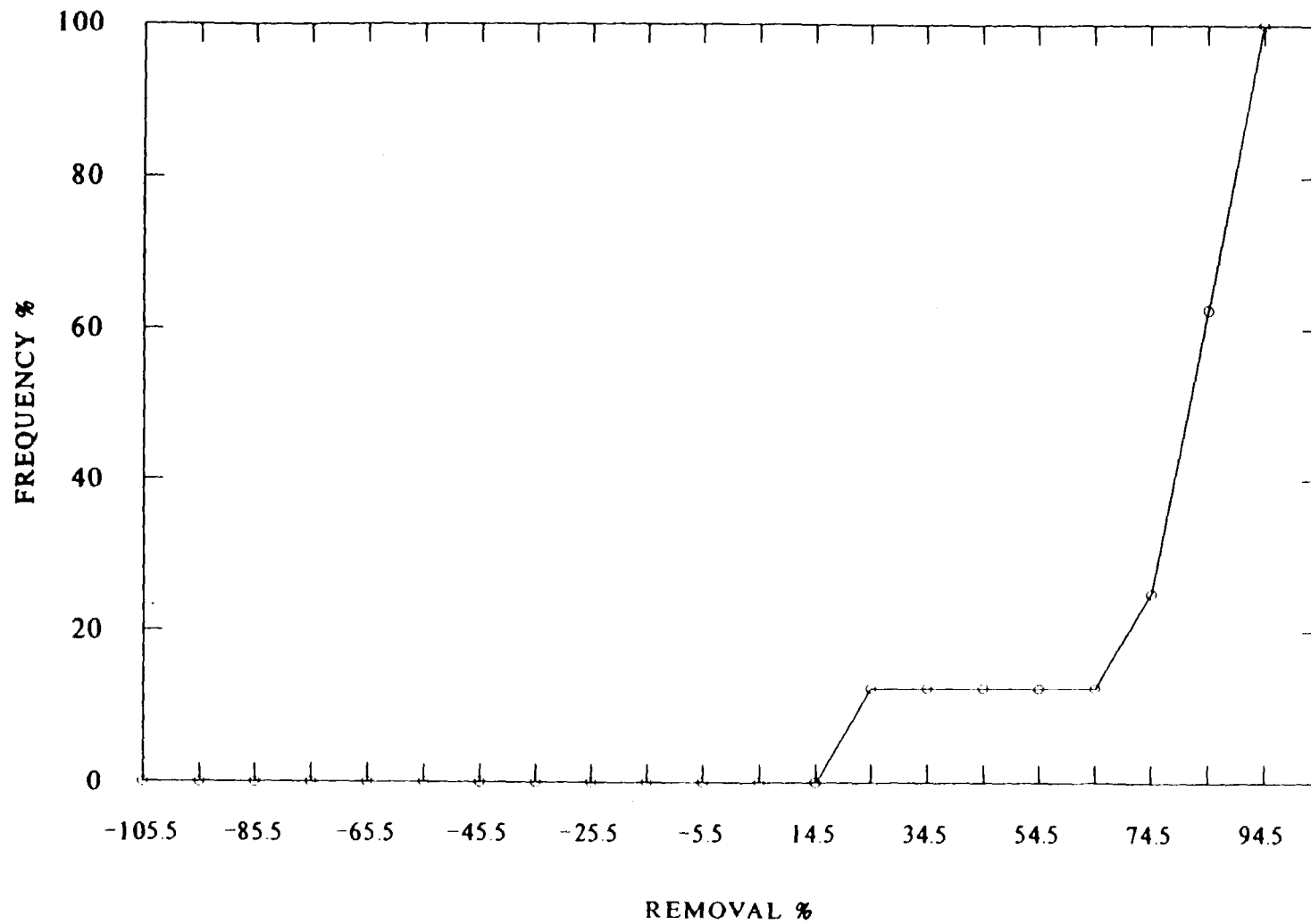
CUMULATIVE FREQUENCY DISTRIBUTION FOR DI-N-OCTYL PHTHALATE



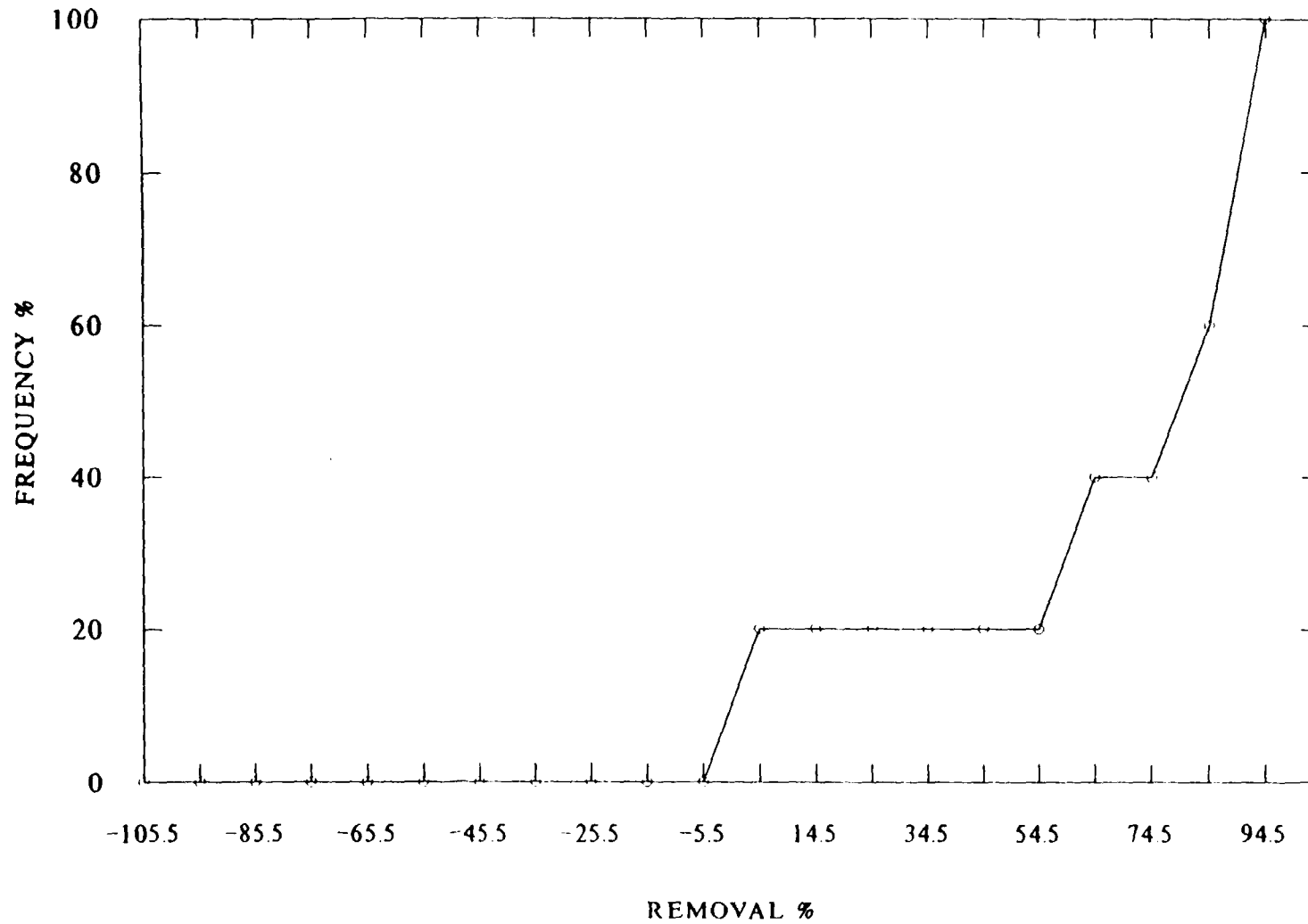
CUMULATIVE FREQUENCY DISTRIBUTION FOR BIS (2-ETHYLHEXYL)PHTHALATE



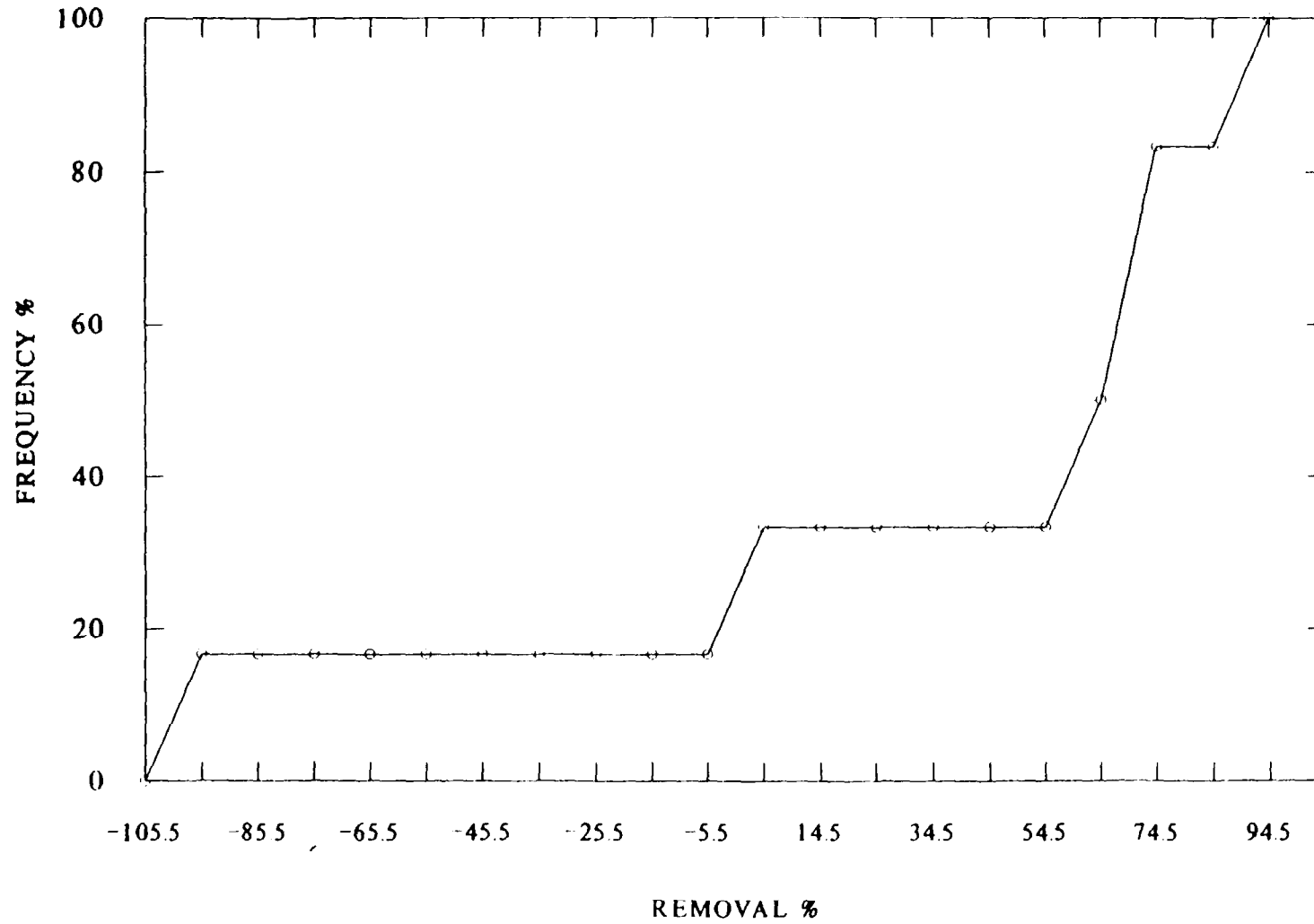
CUMULATIVE FREQUENCY DISTRIBUTION FOR TOLUENE



CUMULATIVE FREQUENCY DISTRIBUTION FOR 4-METHYL PHENOL



CUMULATIVE FREQUENCY DISTRIBUTION FOR 1,4-DICHLOROBENZENE

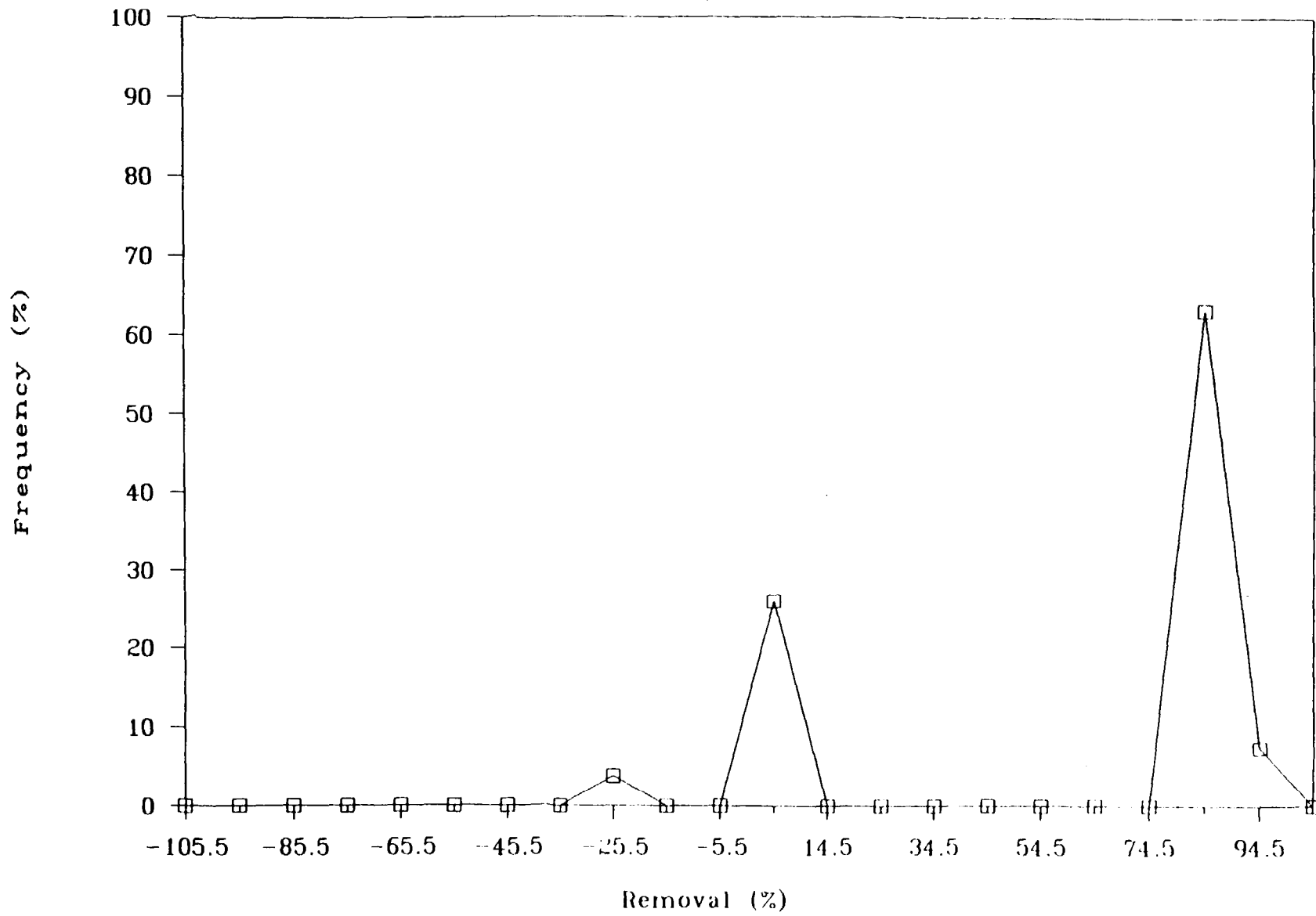


APPENDIX B-4

**FREQUENCY AND CUMULATIVE FREQUENCY
DISTRIBUTION PLOTS OF POLLUTANT REMOVALS
FOR THE MISA DATA BASE**

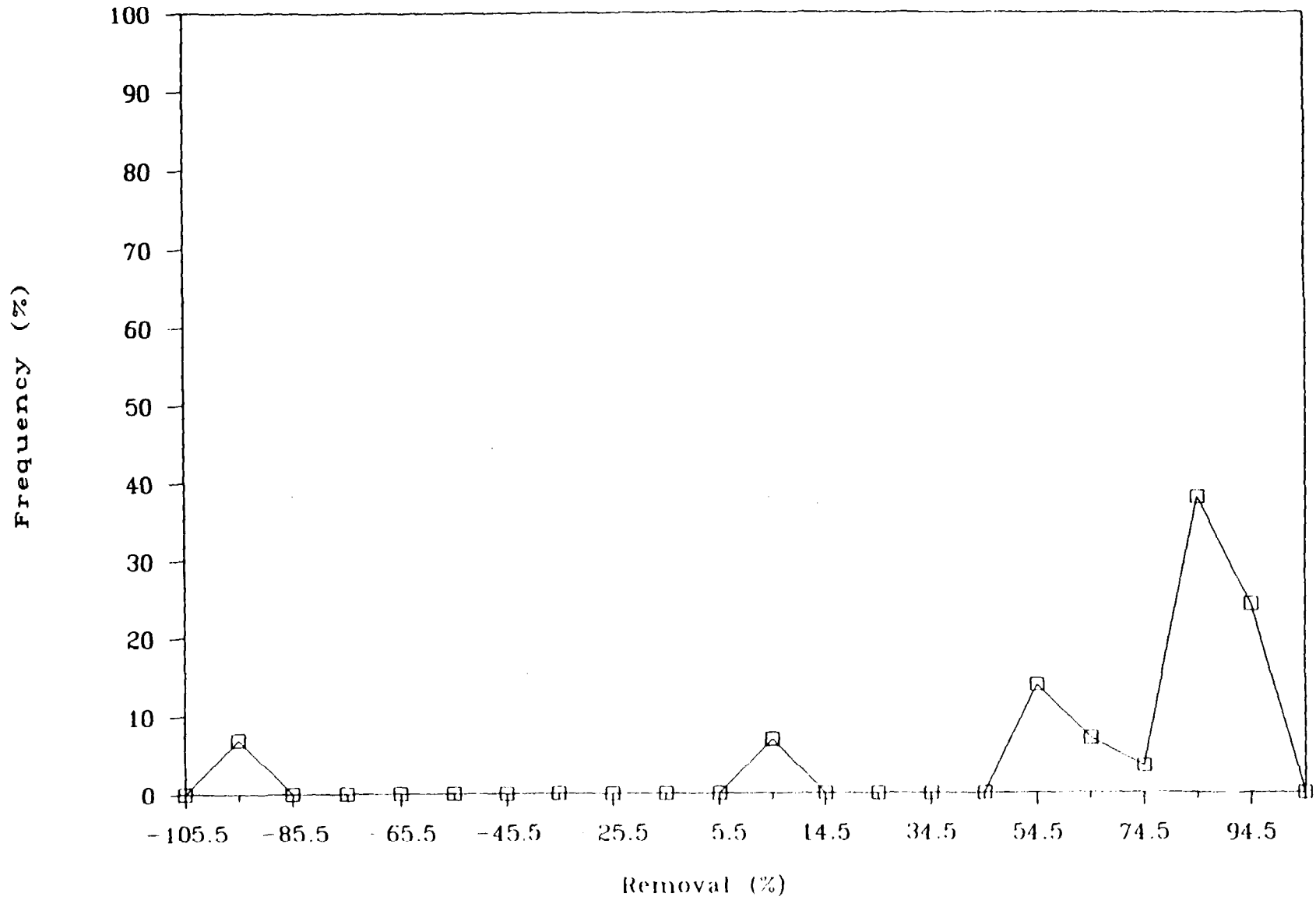
Frequency Distribution

CADMIUM



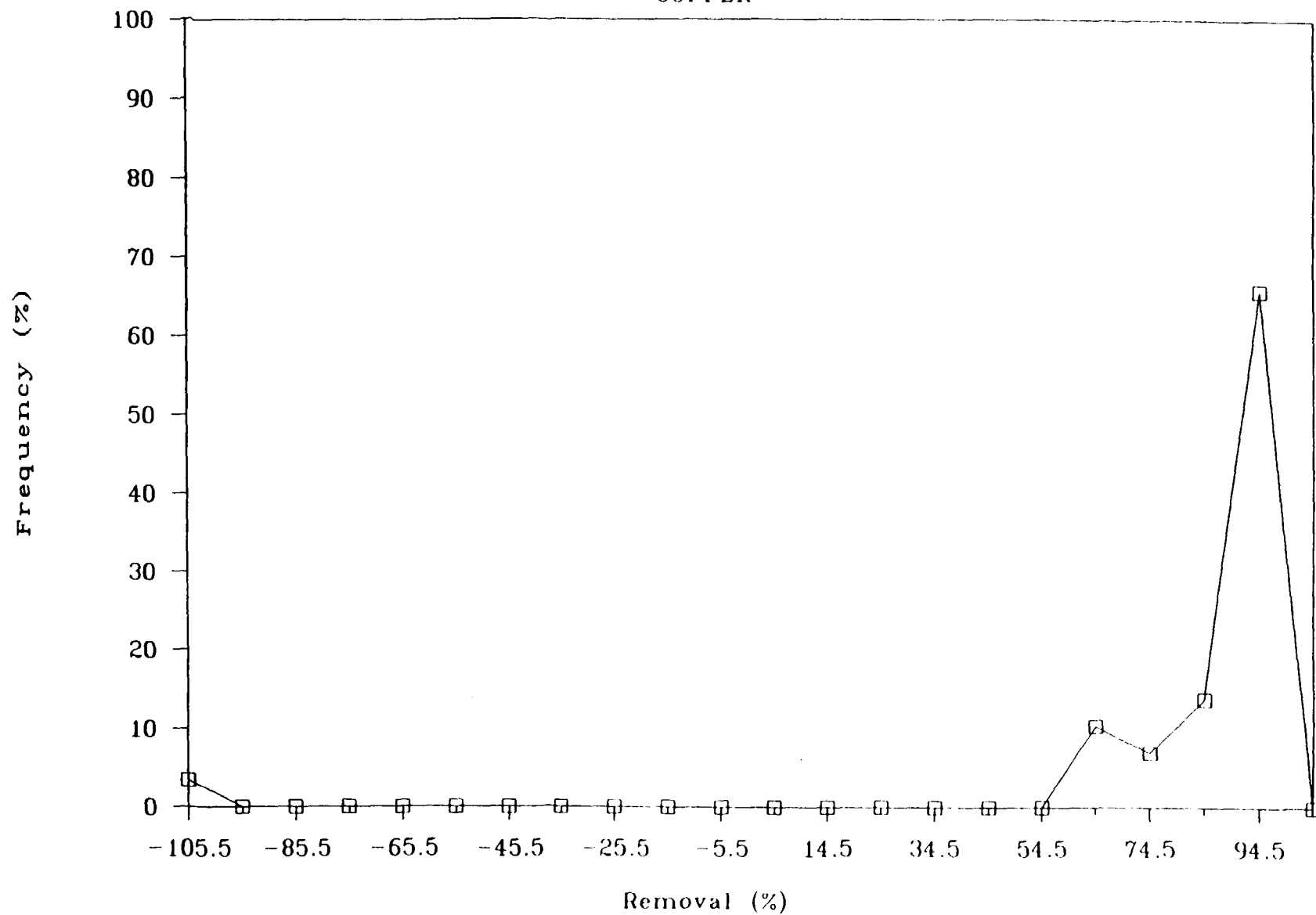
Frequency Distribution

Chromium



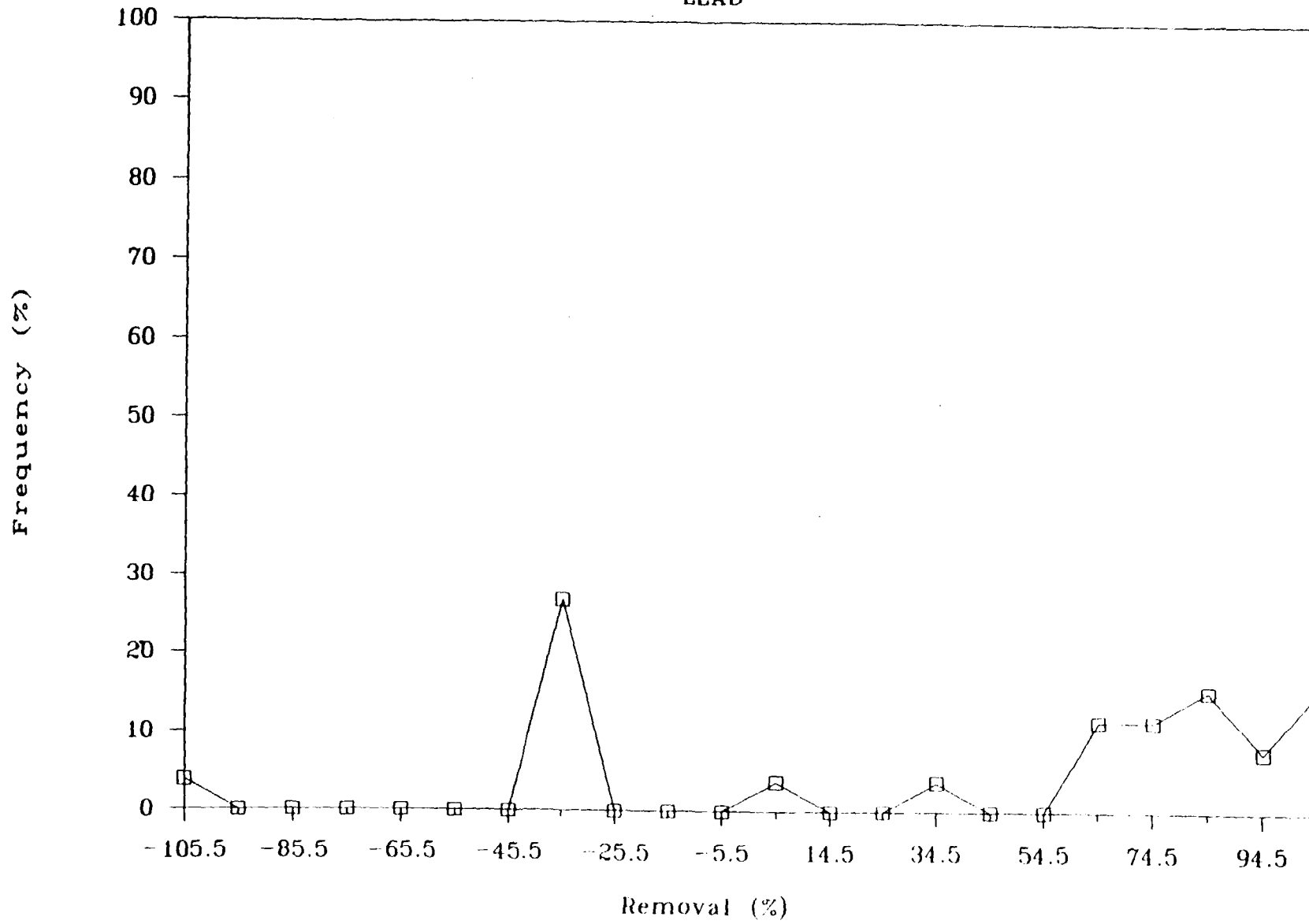
Frequency Distribution

COPPER



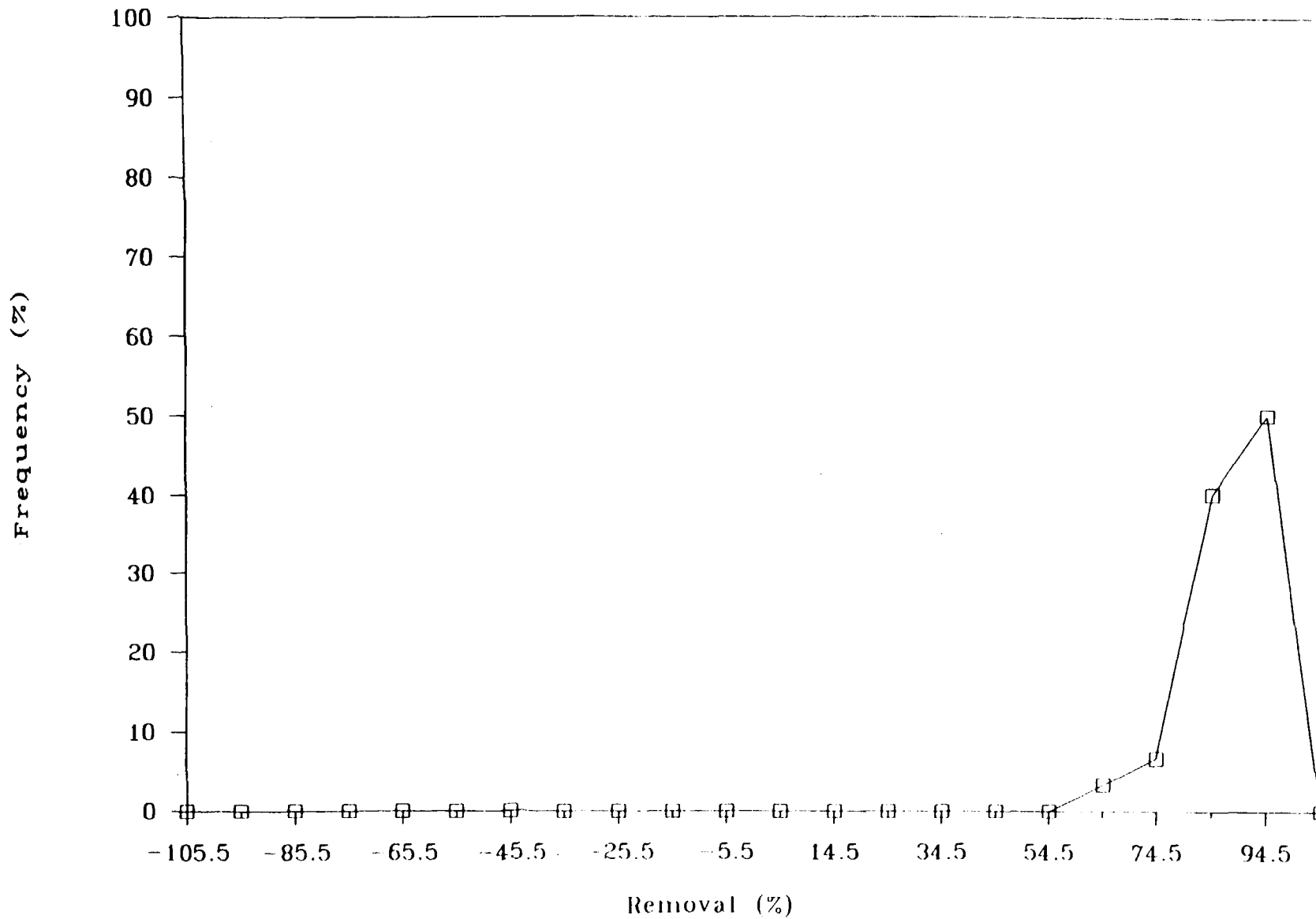
Frequency Distribution

LEAD



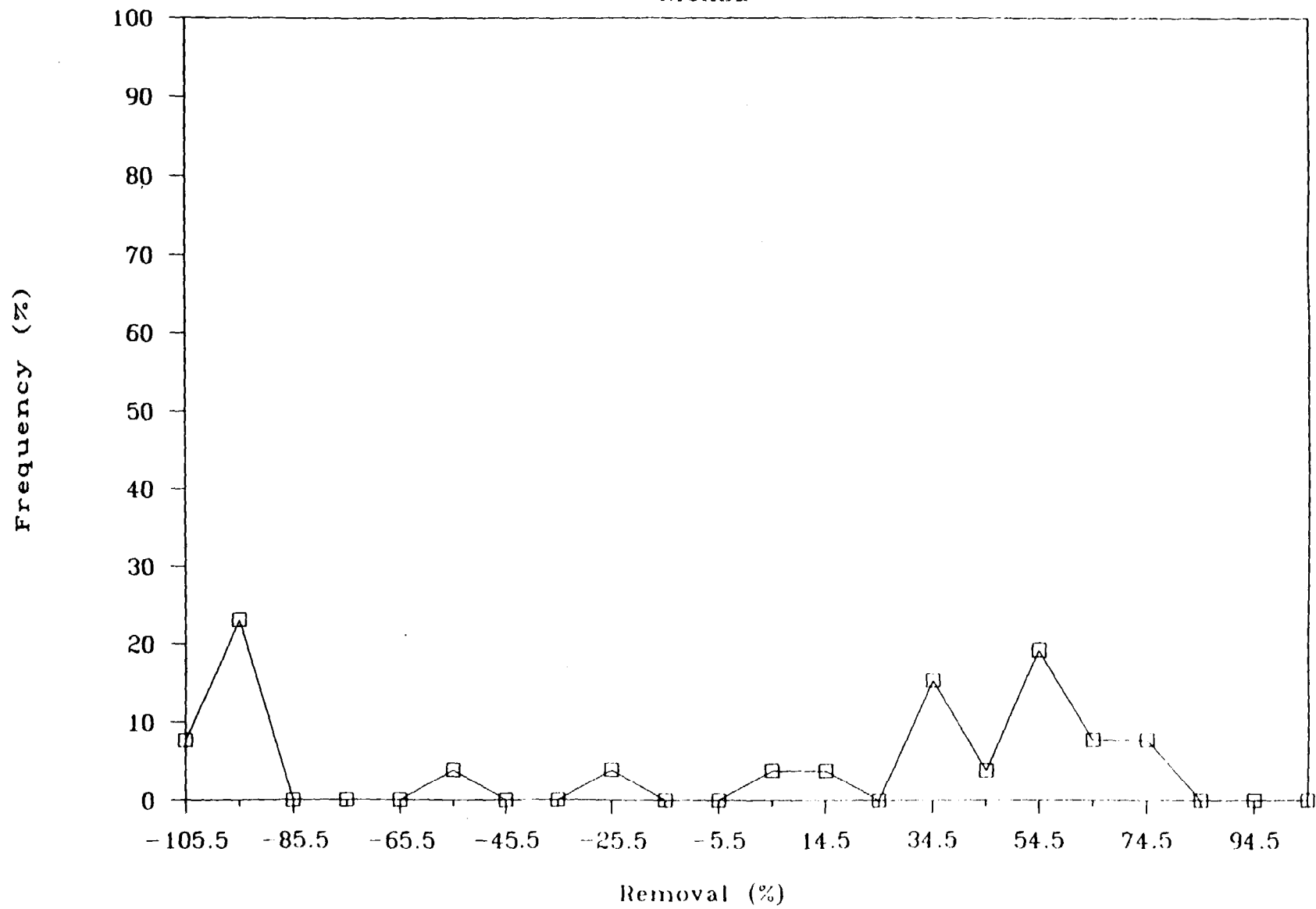
Frequency Distribution

MERCURY



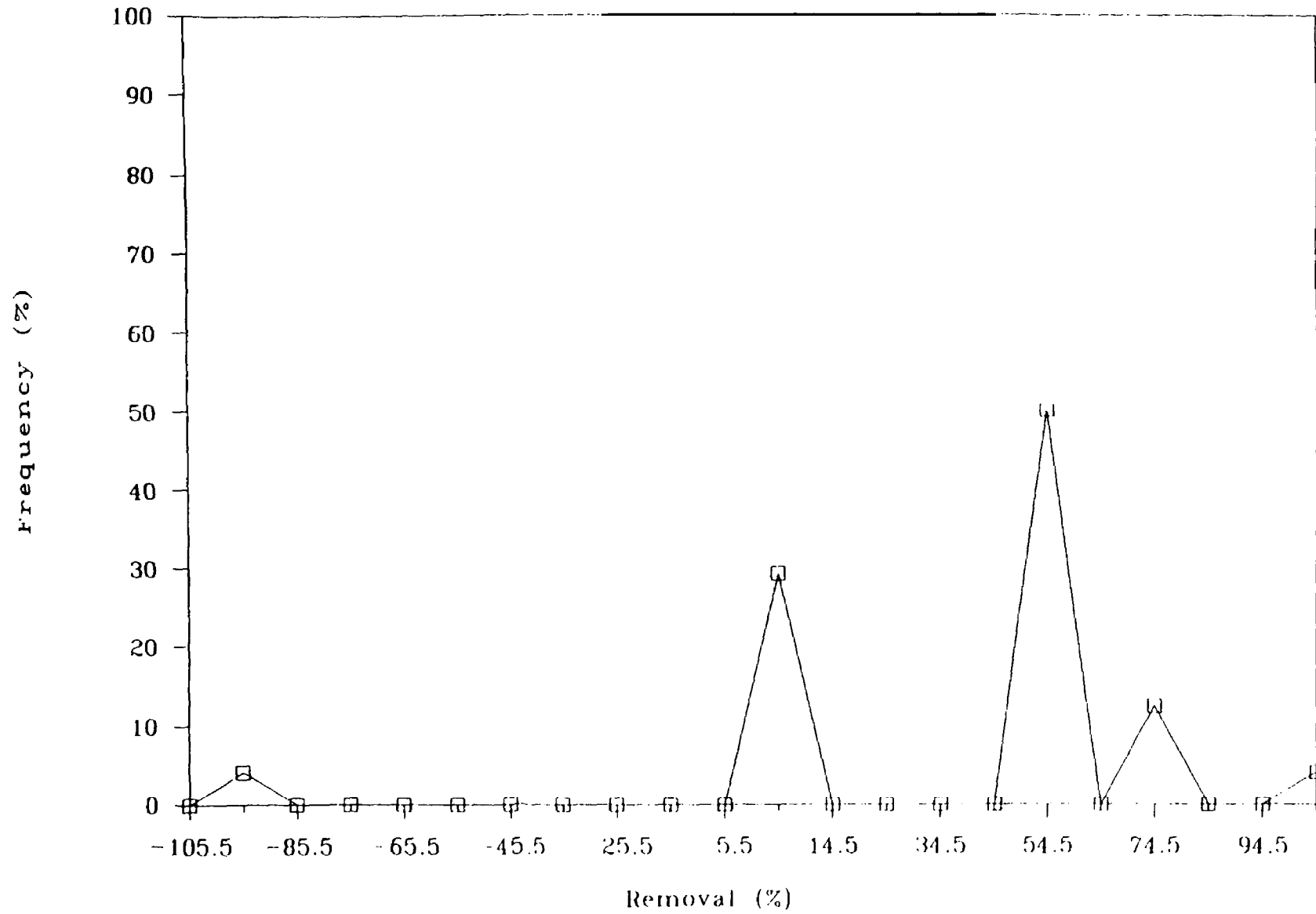
Frequency Distribution

NICKEL



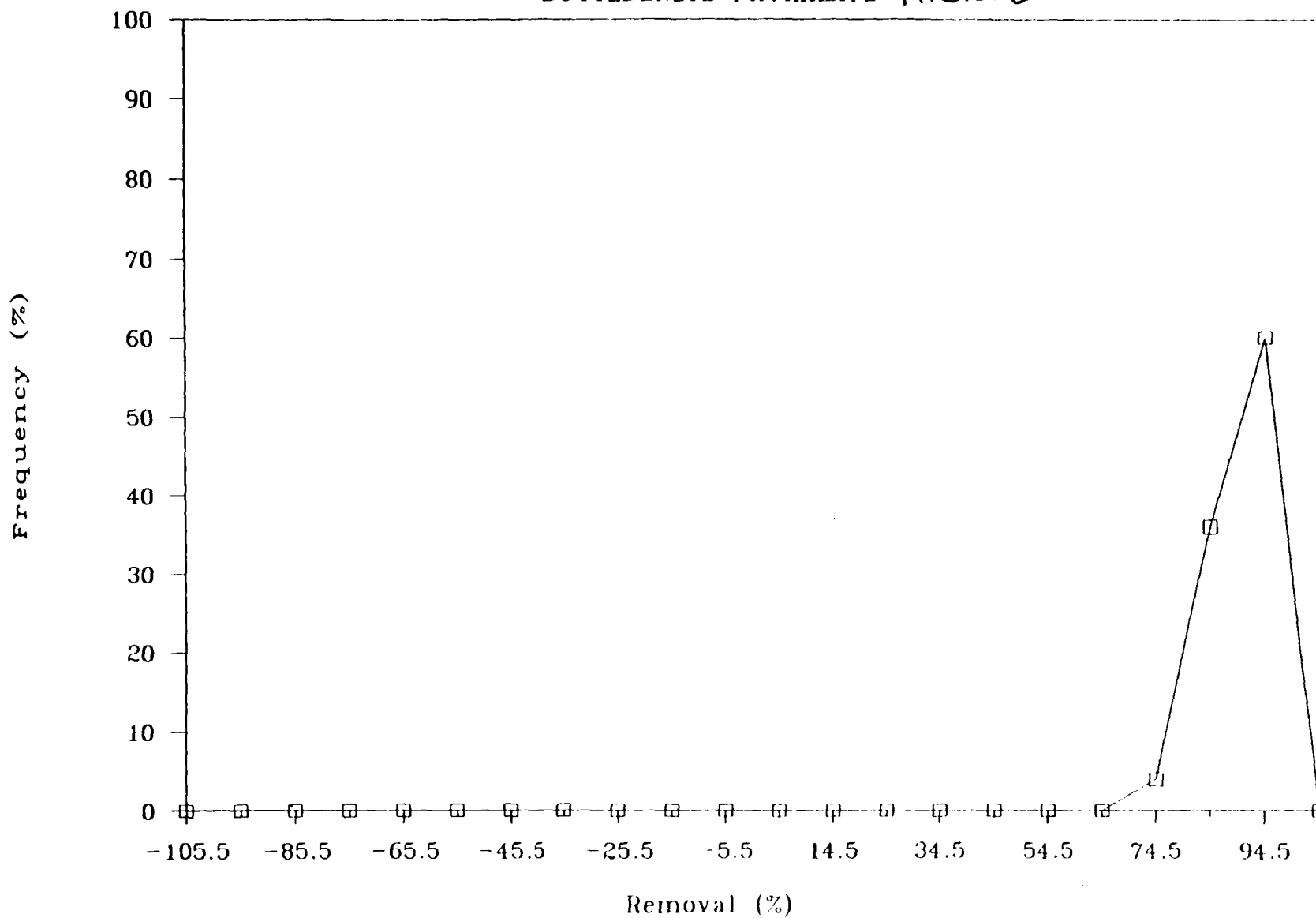
Frequency Distribution

SILVER



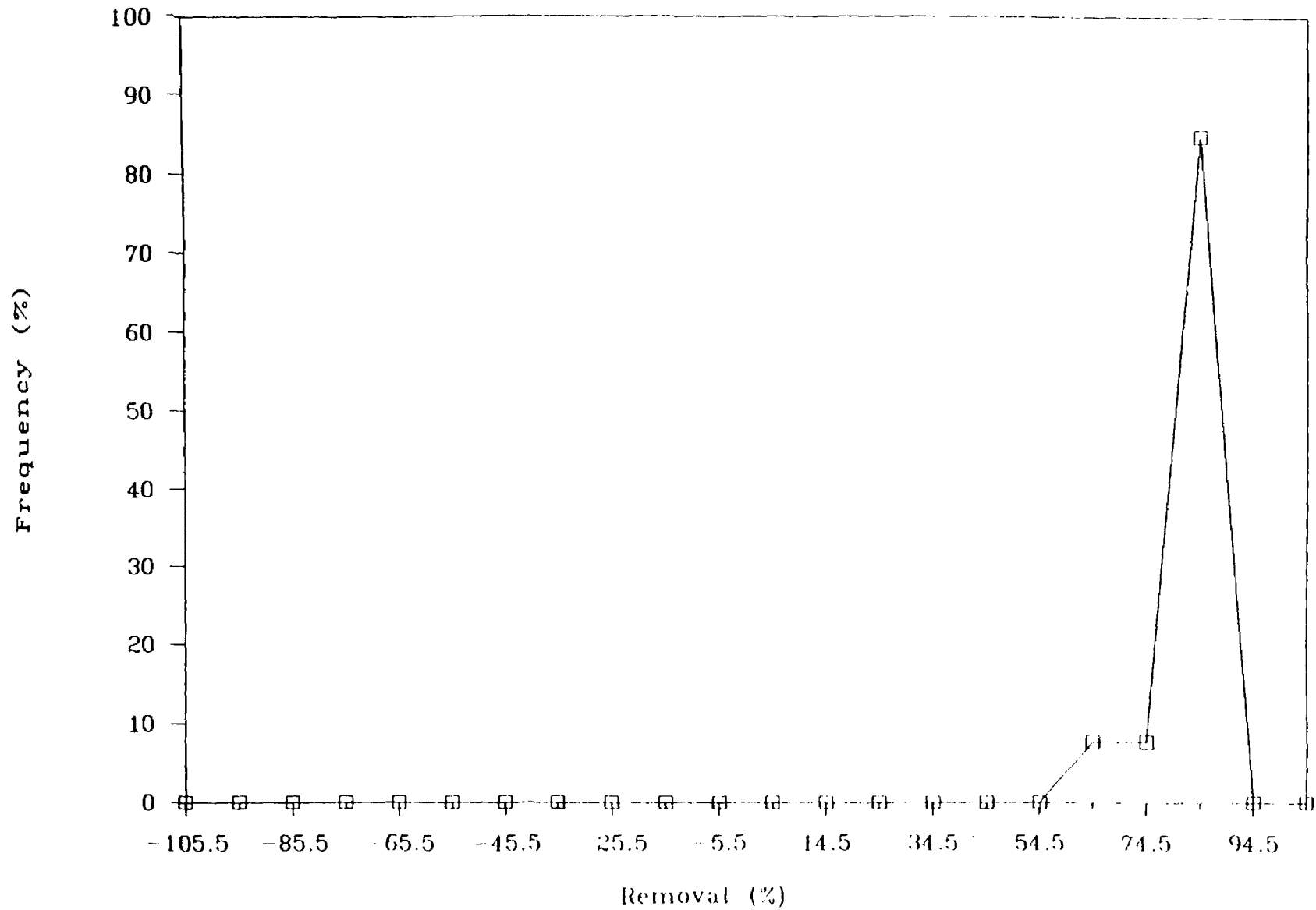
Frequency Distribution

~~BUTYLBENZYL~~ PHTHALATE PHENOL



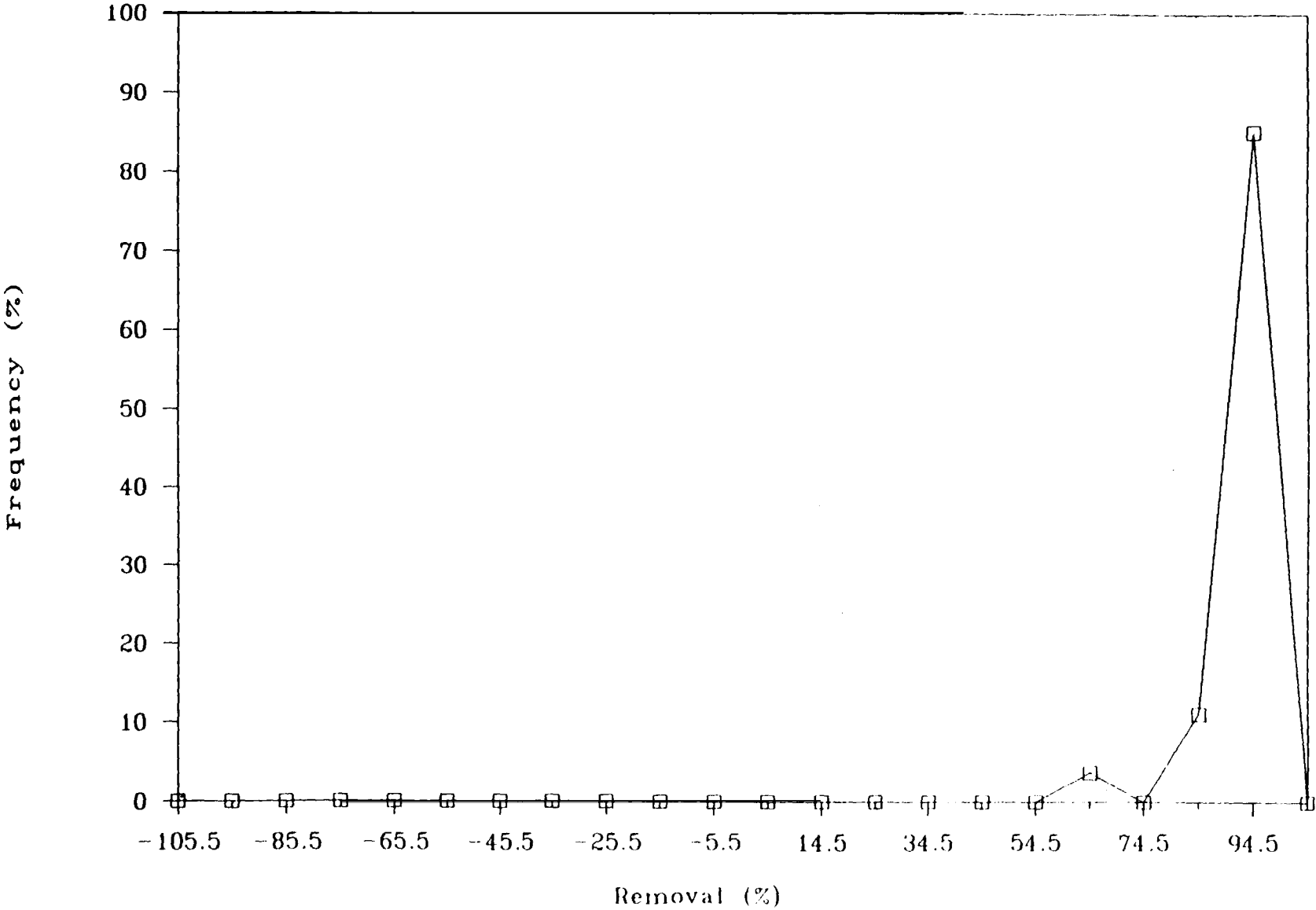
Frequency Distribution

BUTYLBENZYL PHTHALATE



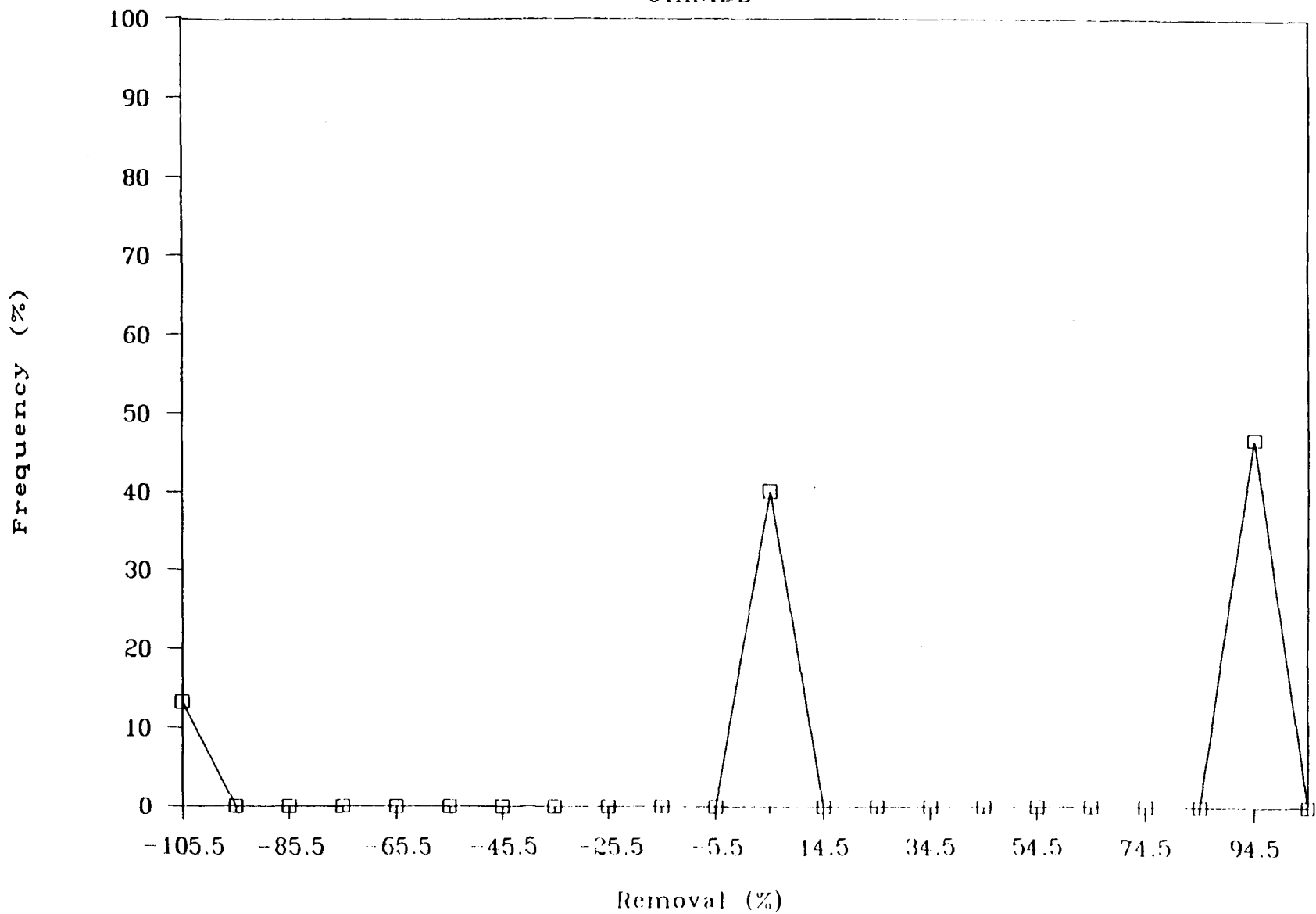
Frequency Distribution

M-CRESOL



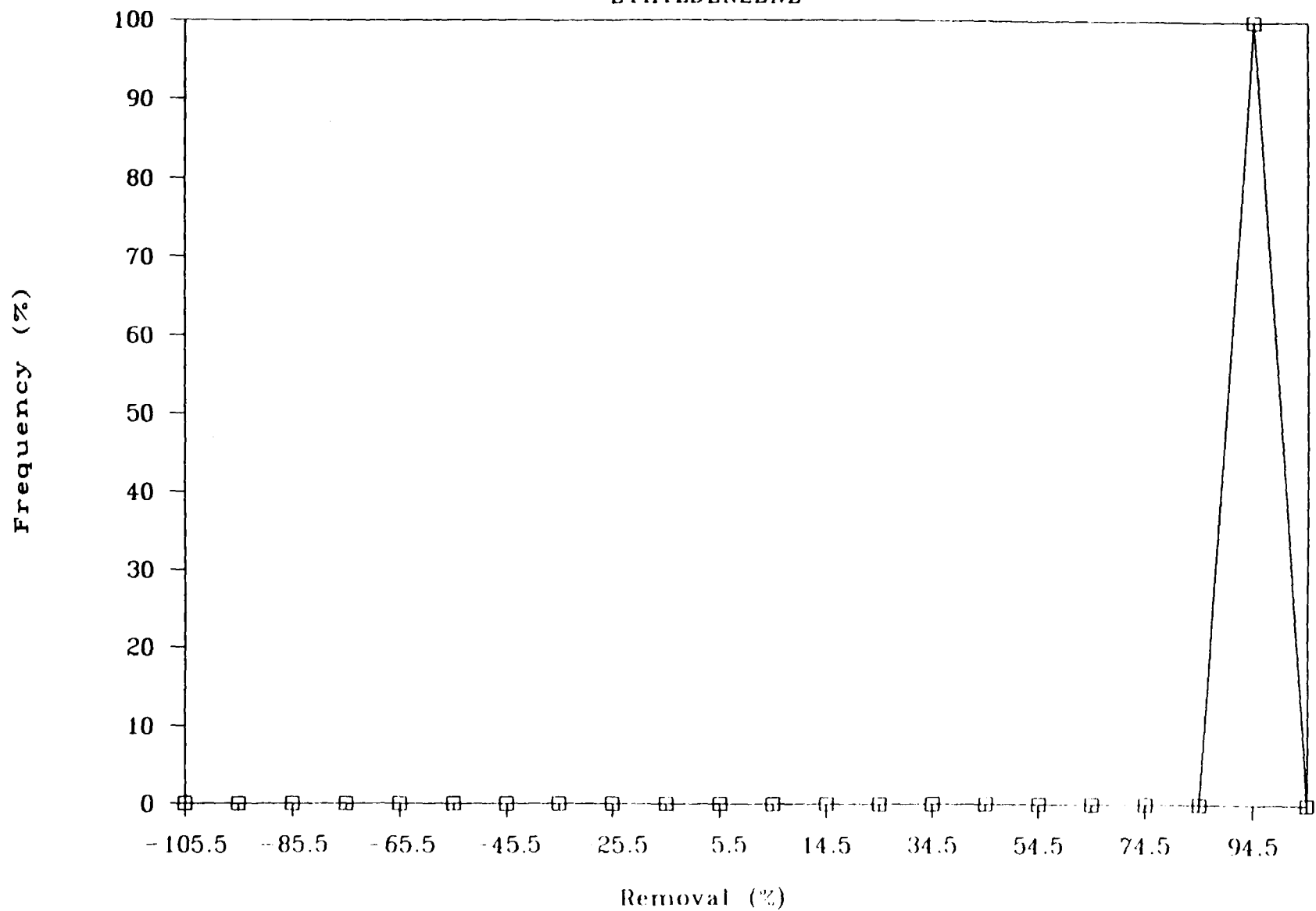
Frequency Distribution

CYANIDE



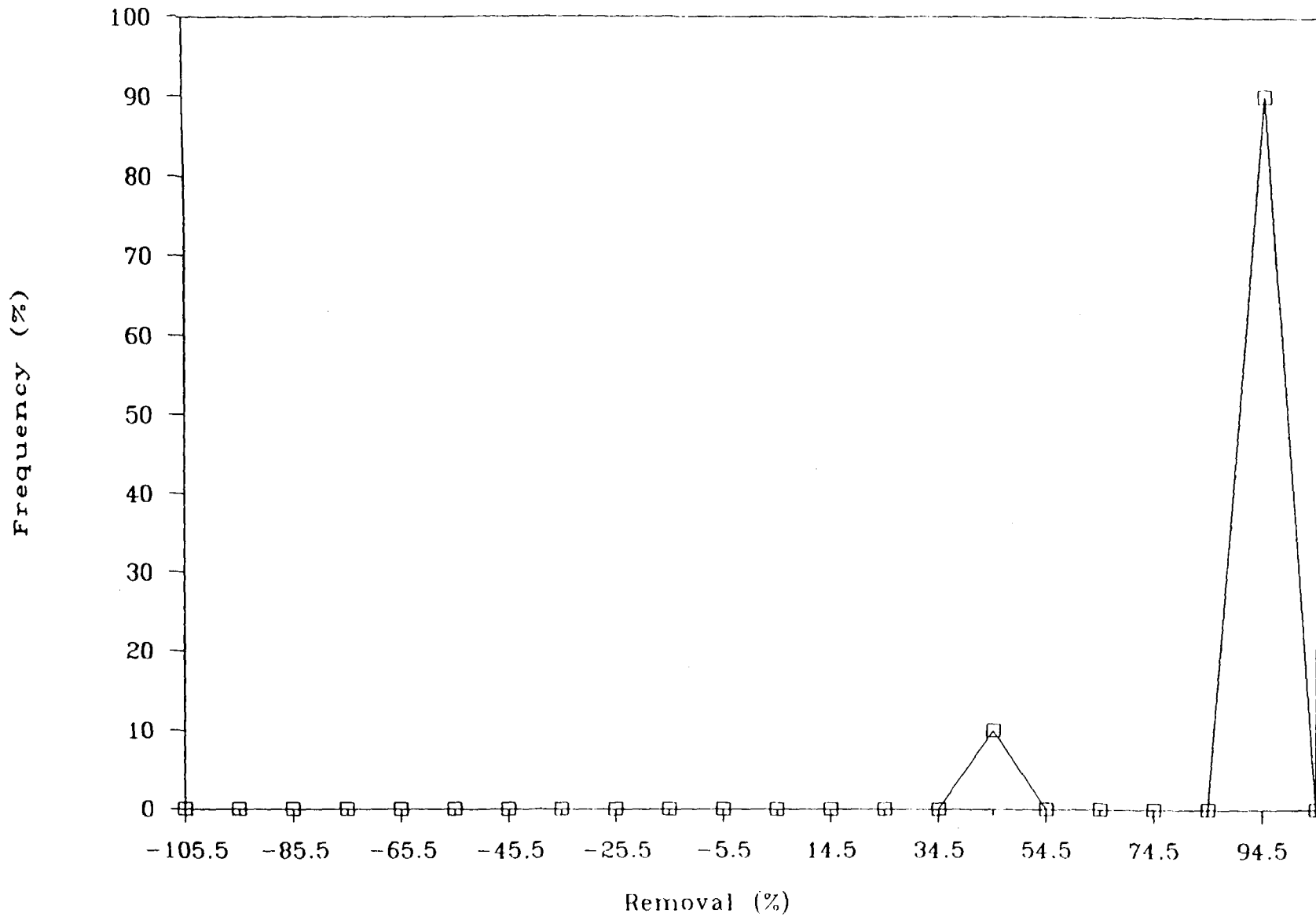
Frequency Distribution

ETHYLBENZENE



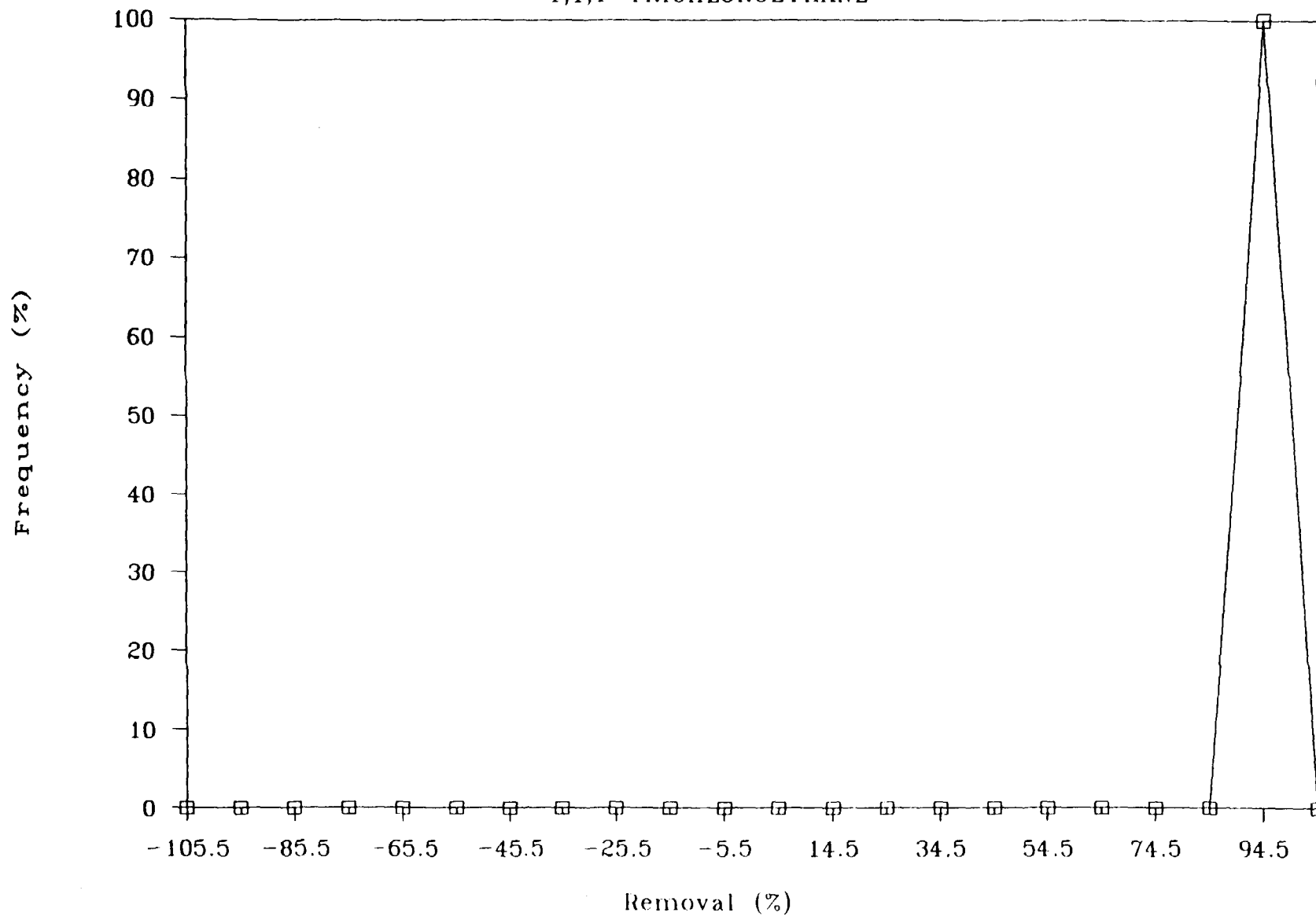
Frequency Distribution

TETRACHLOROETHYLENE



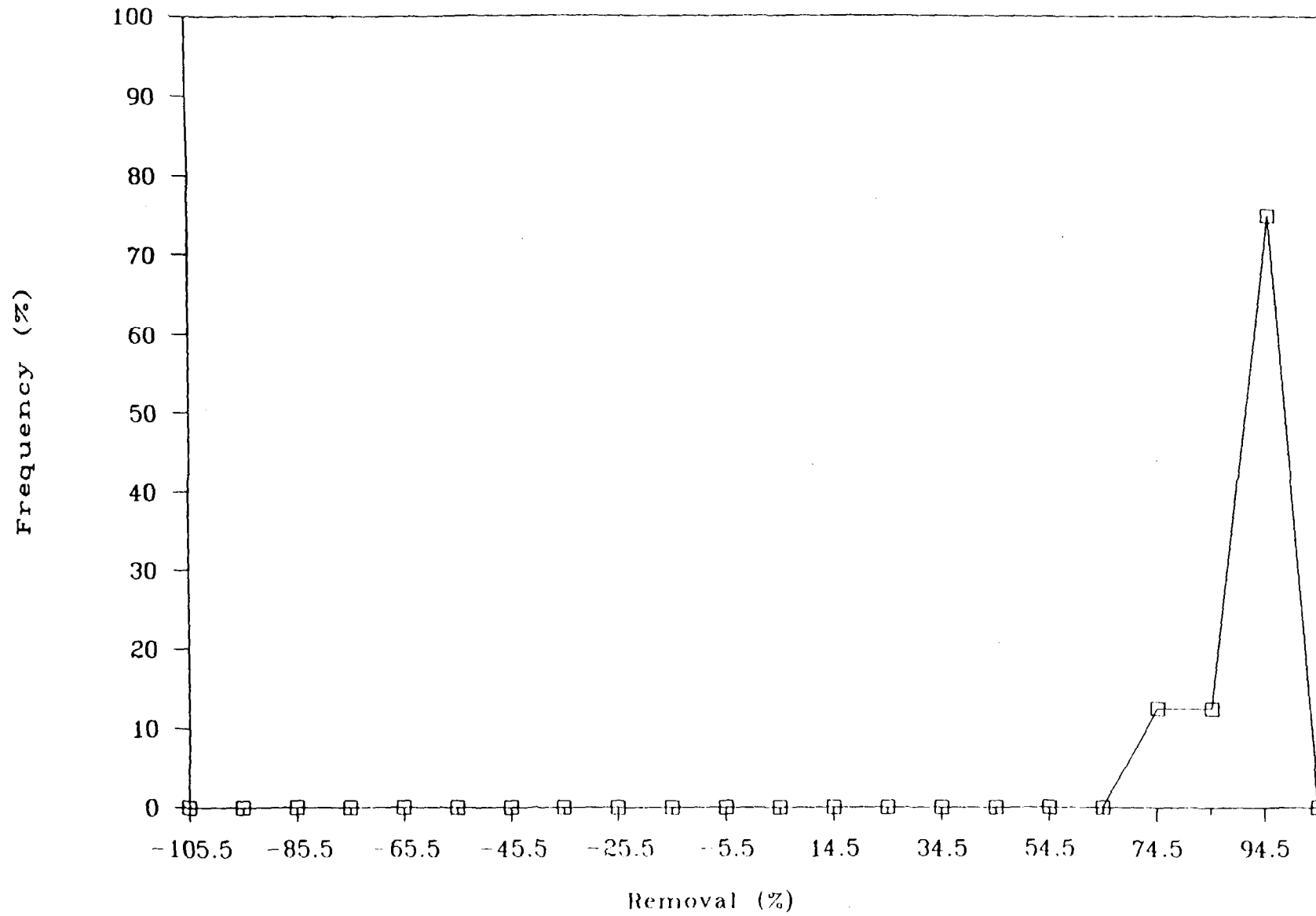
Frequency Distribution

1,1,1-TRICHLOROETHANE



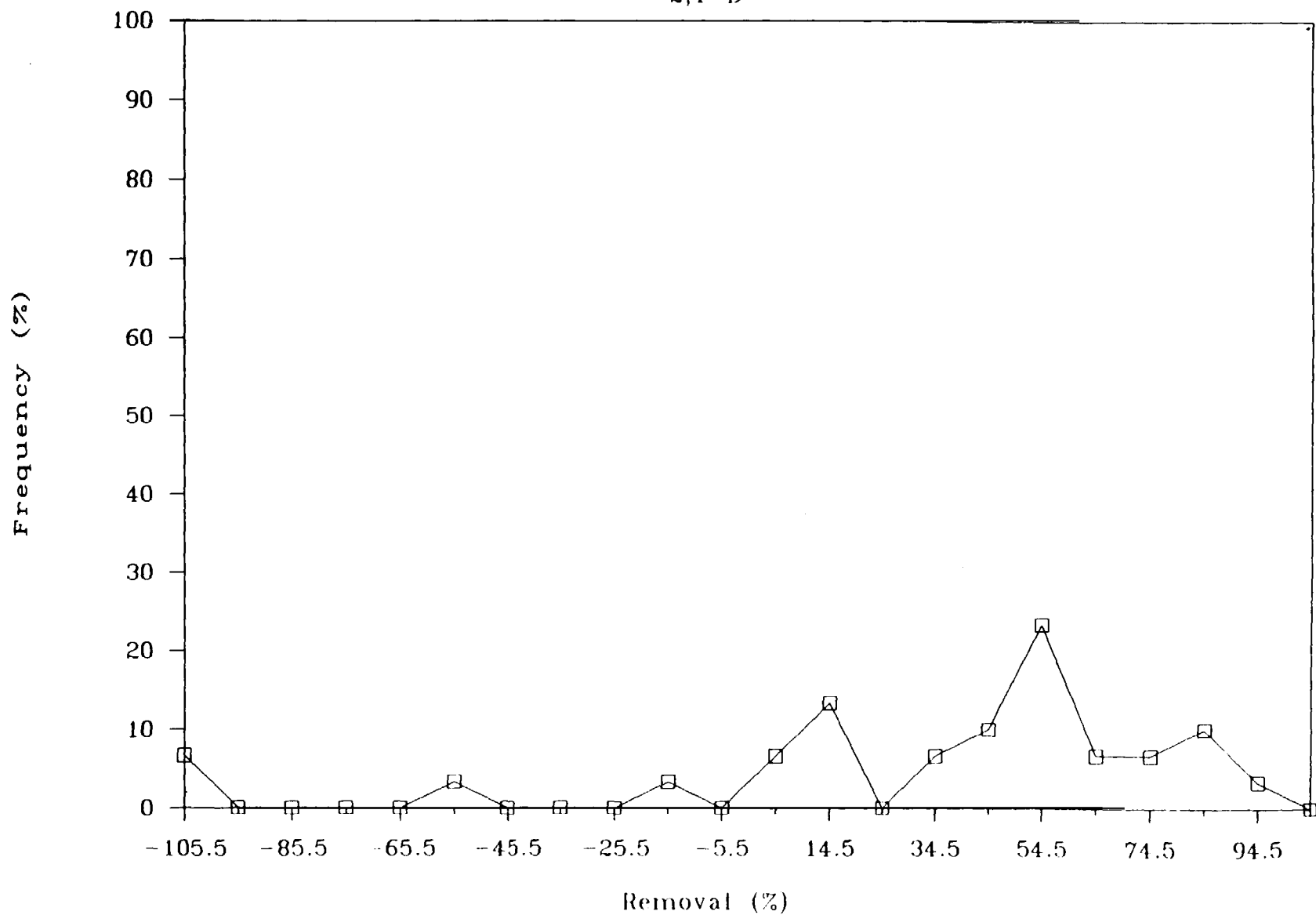
Frequency Distribution

TRICHLOROETHYLENE



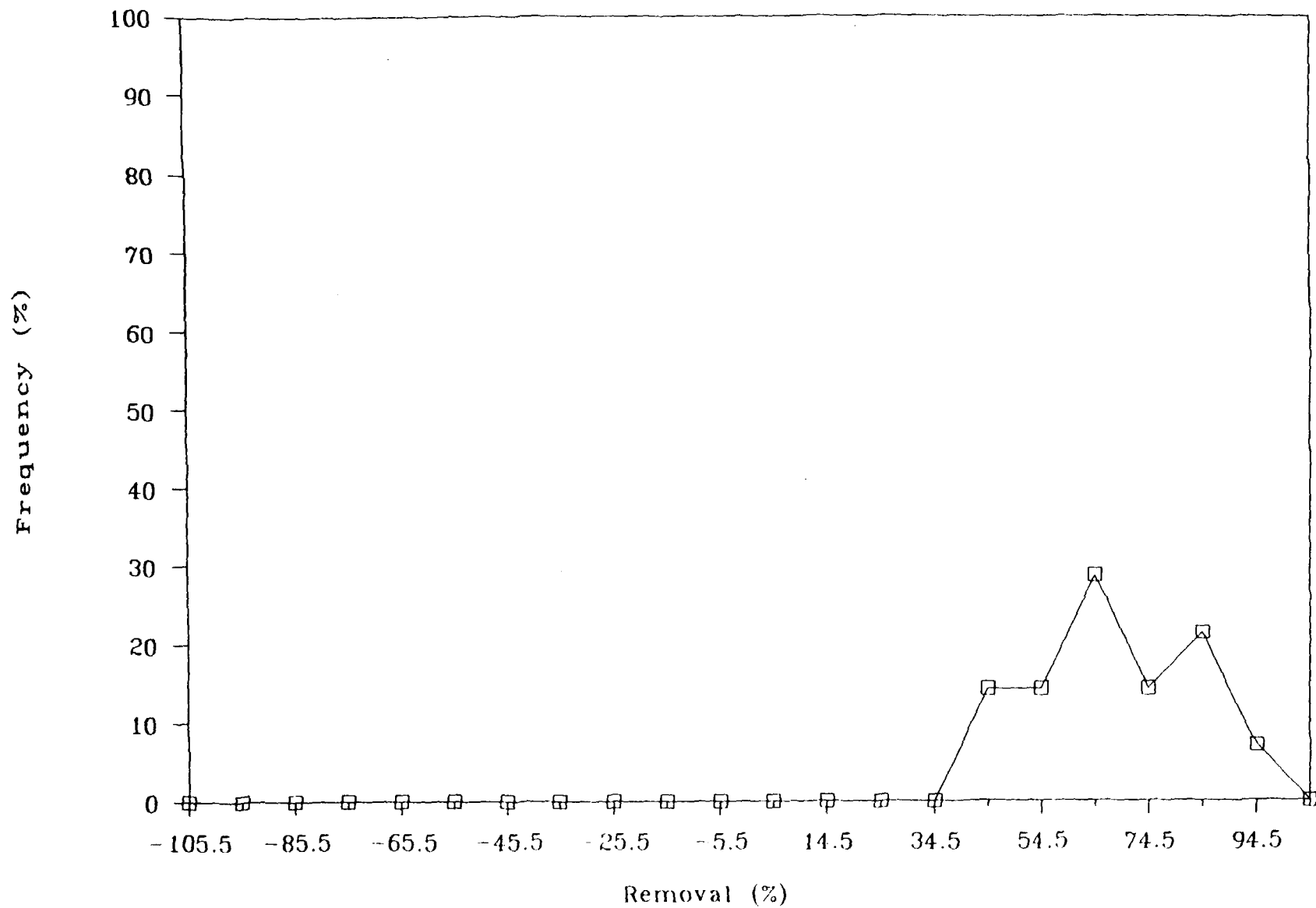
Frequency Distribution

2,4-D



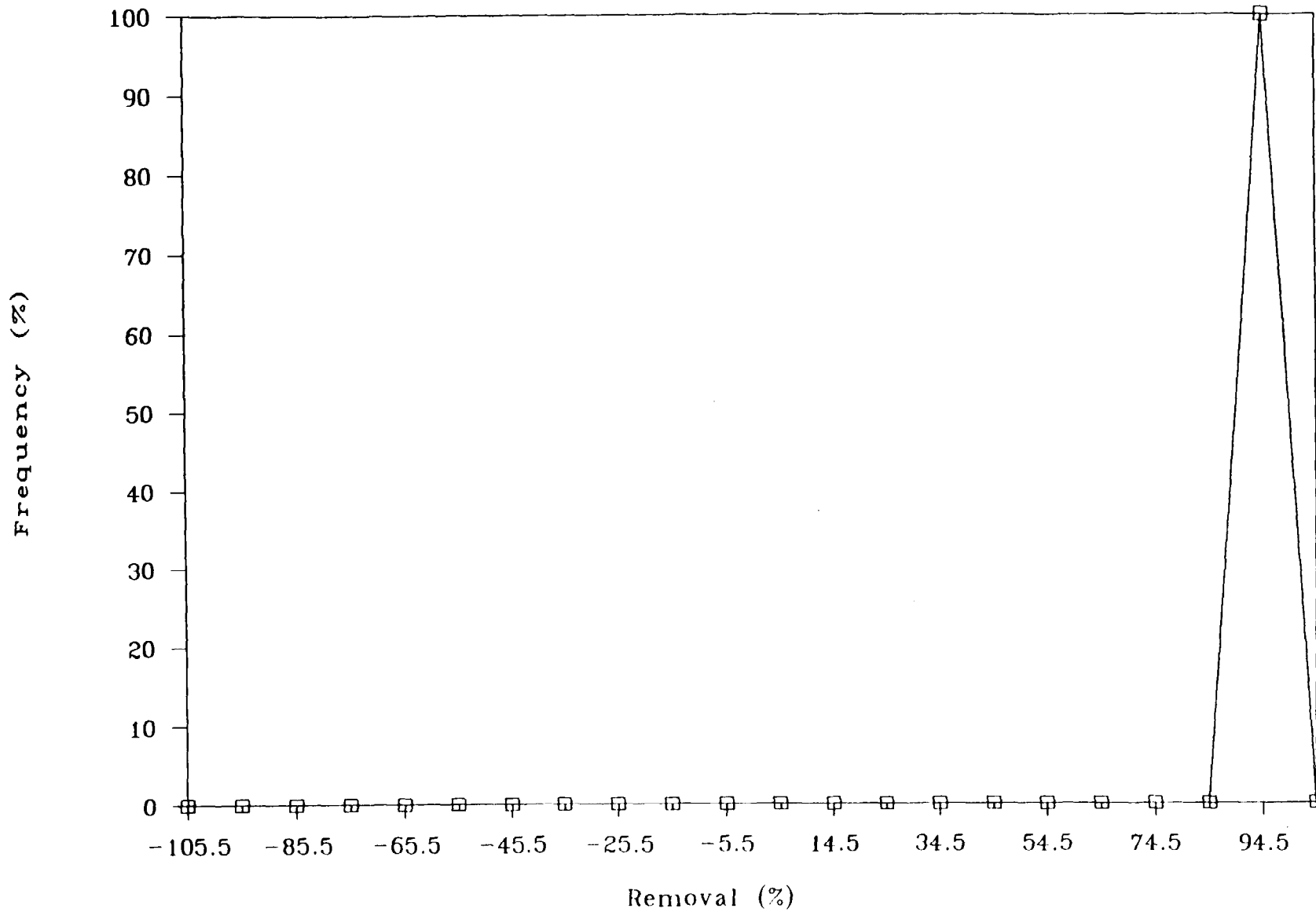
Frequency Distribution

PCB-TOTAL



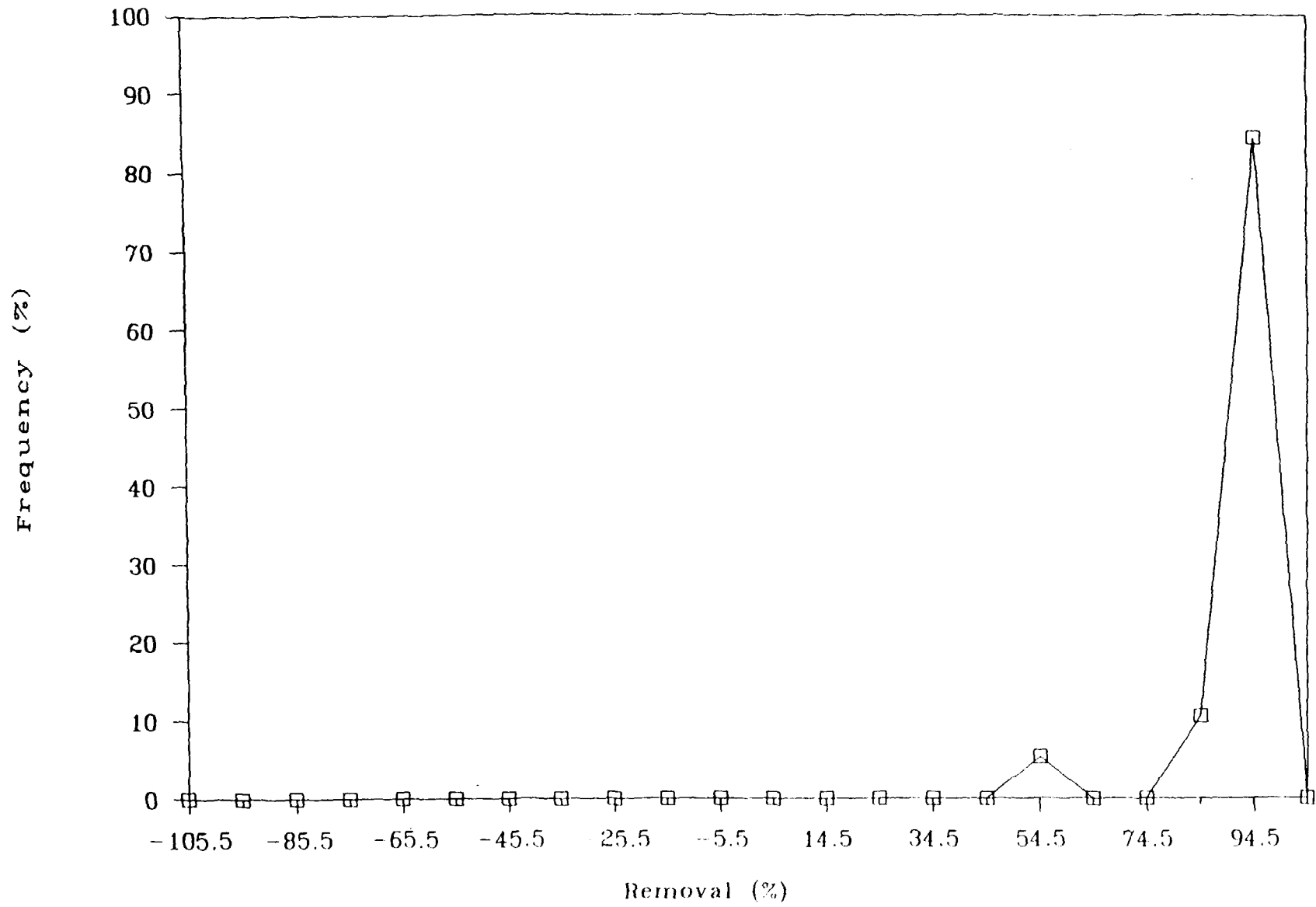
Frequency Distribution

M & P XYLENES



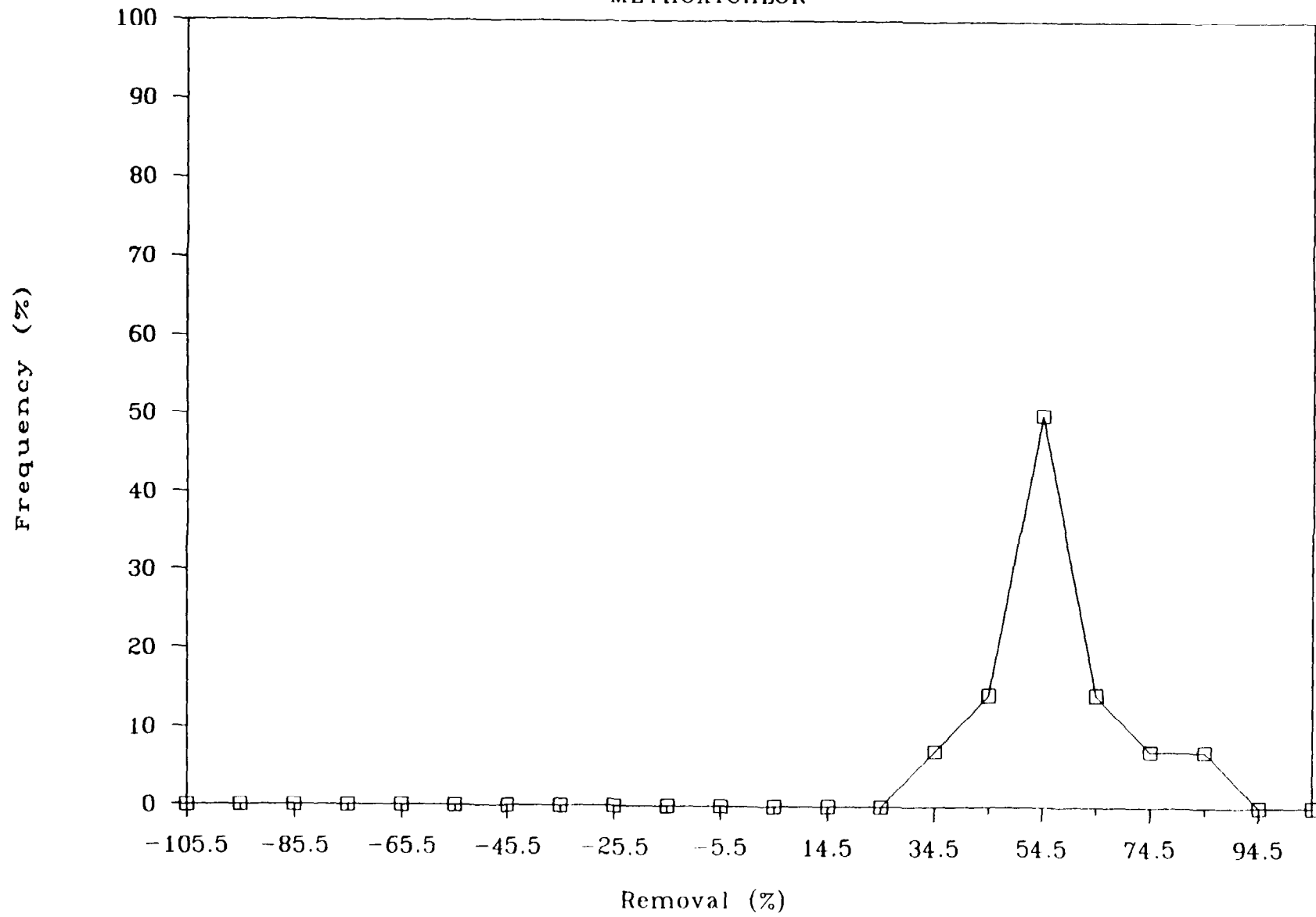
Frequency Distribution

CHLOROFORM



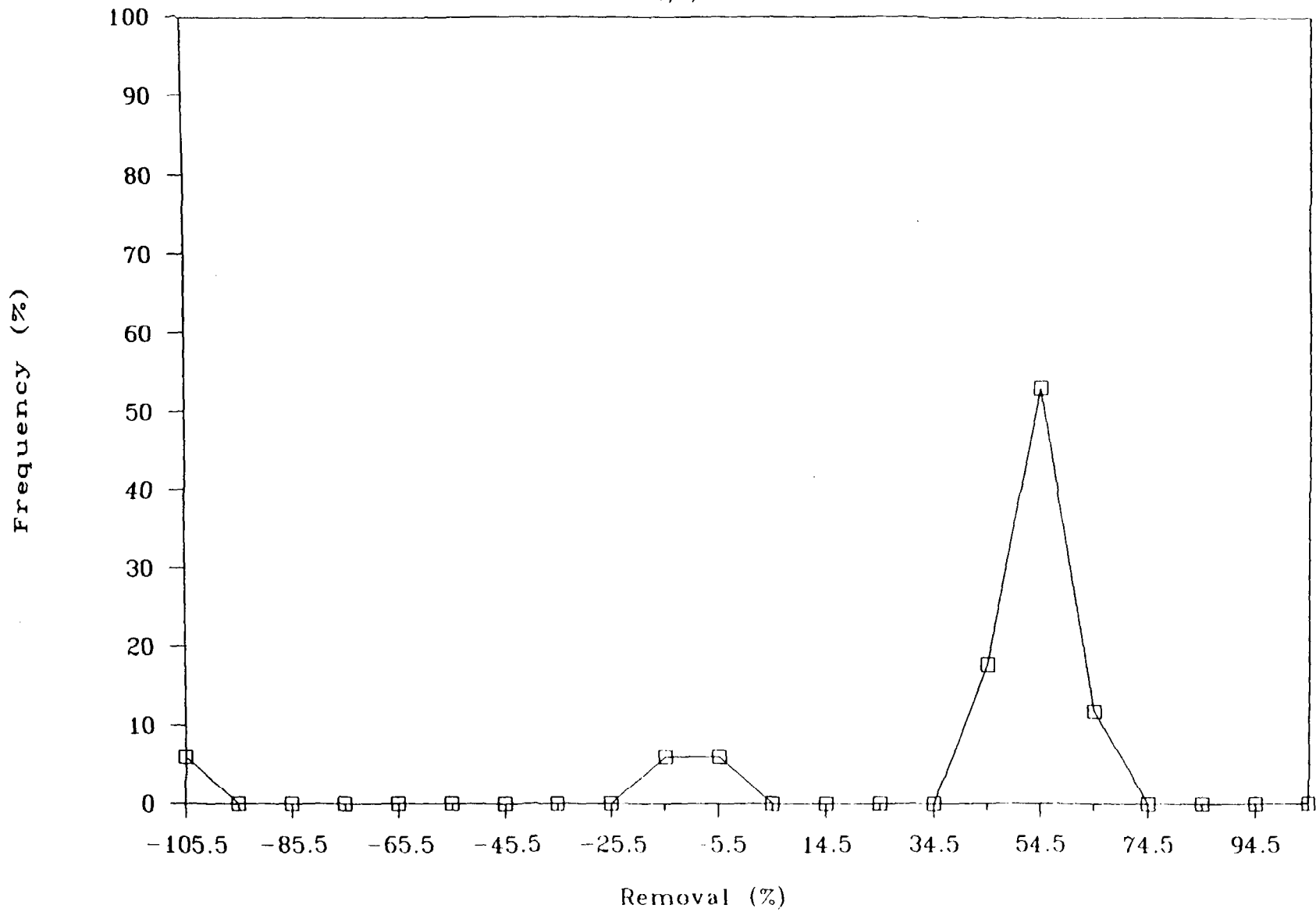
Frequency Distribution

METHOXYCHLOR



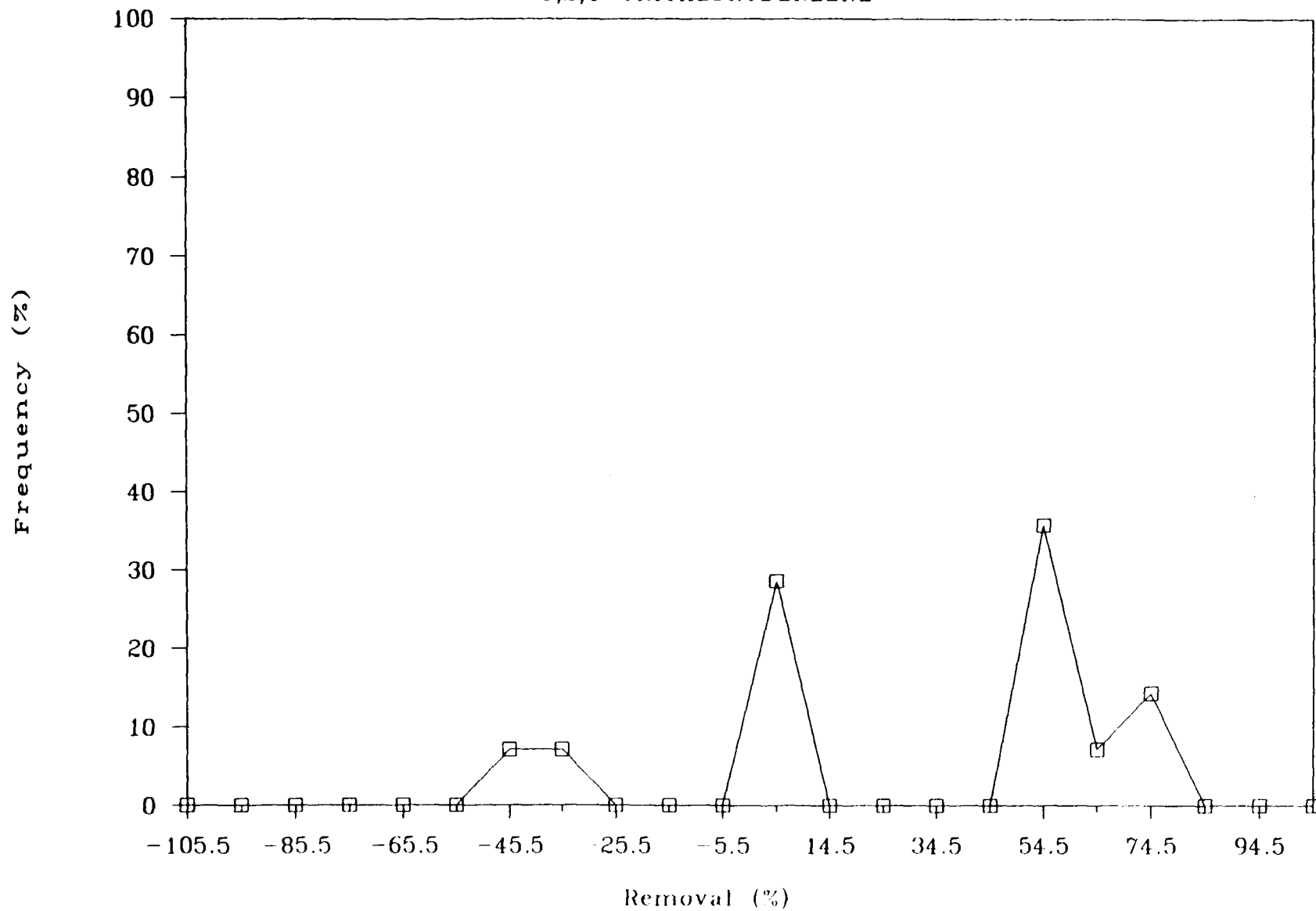
Frequency Distribution

2,4,5-T



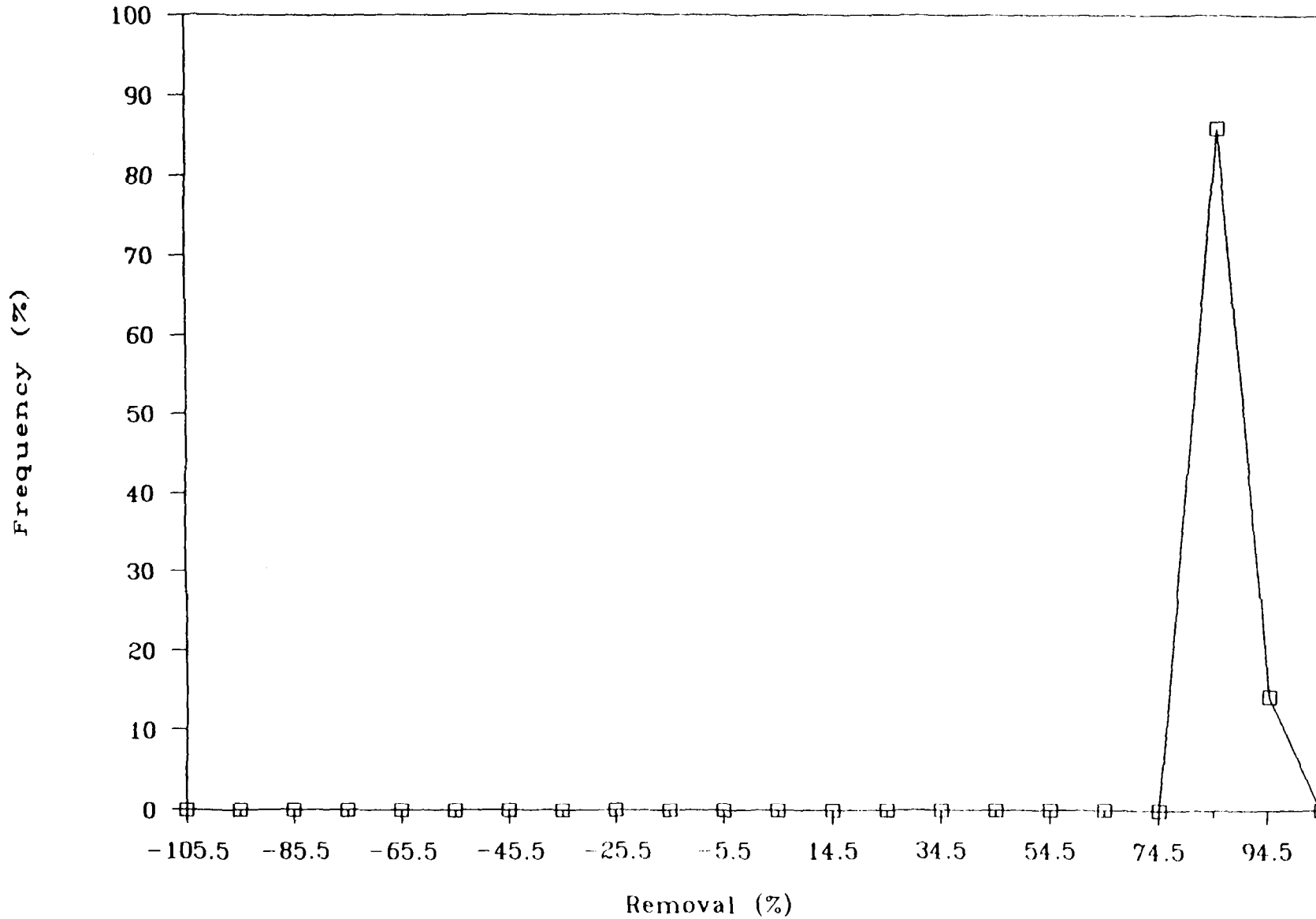
Frequency Distribution

1,2,4-TRICHLOROBENZENE



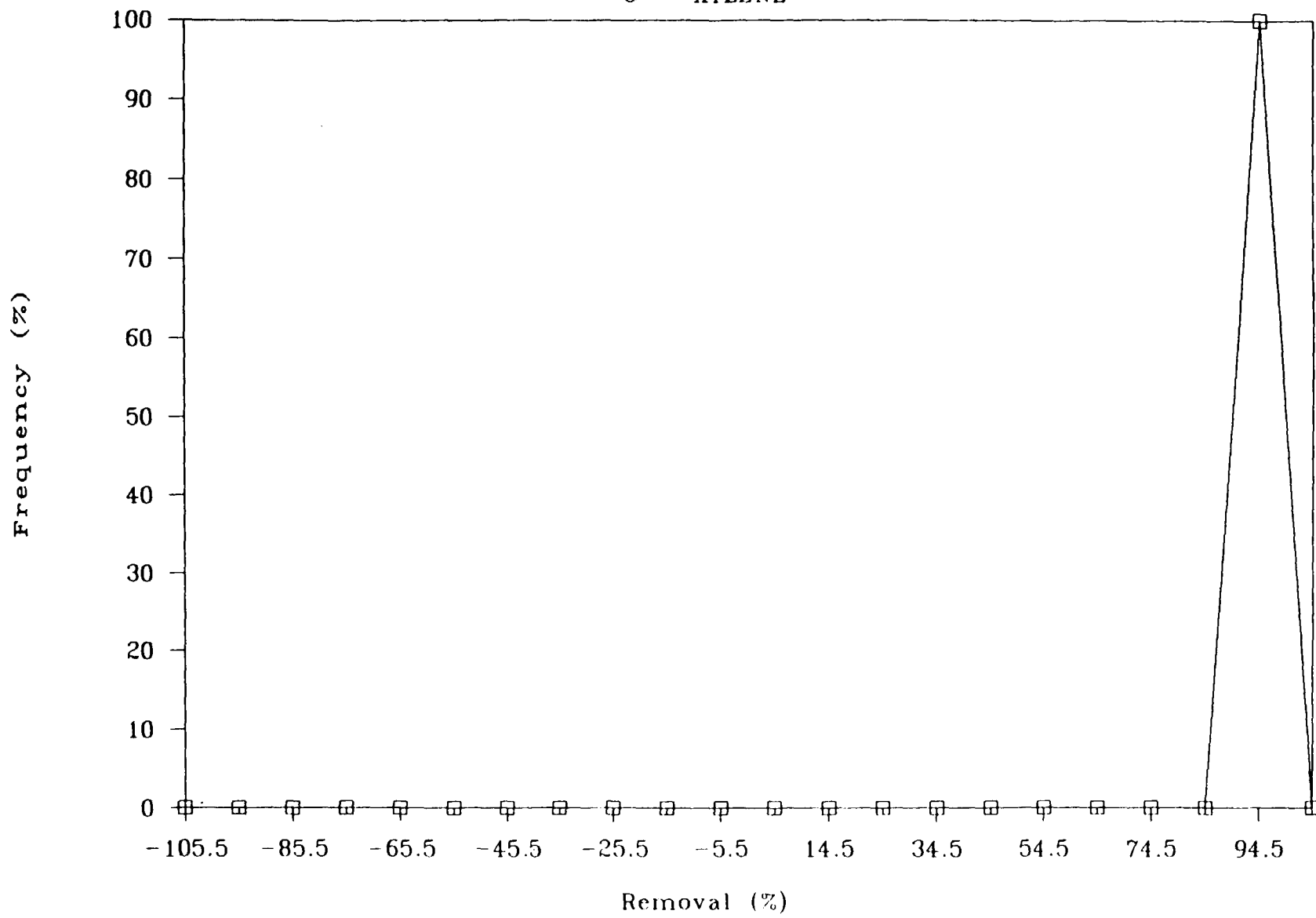
Frequency Distribution

NAPHTHALENE



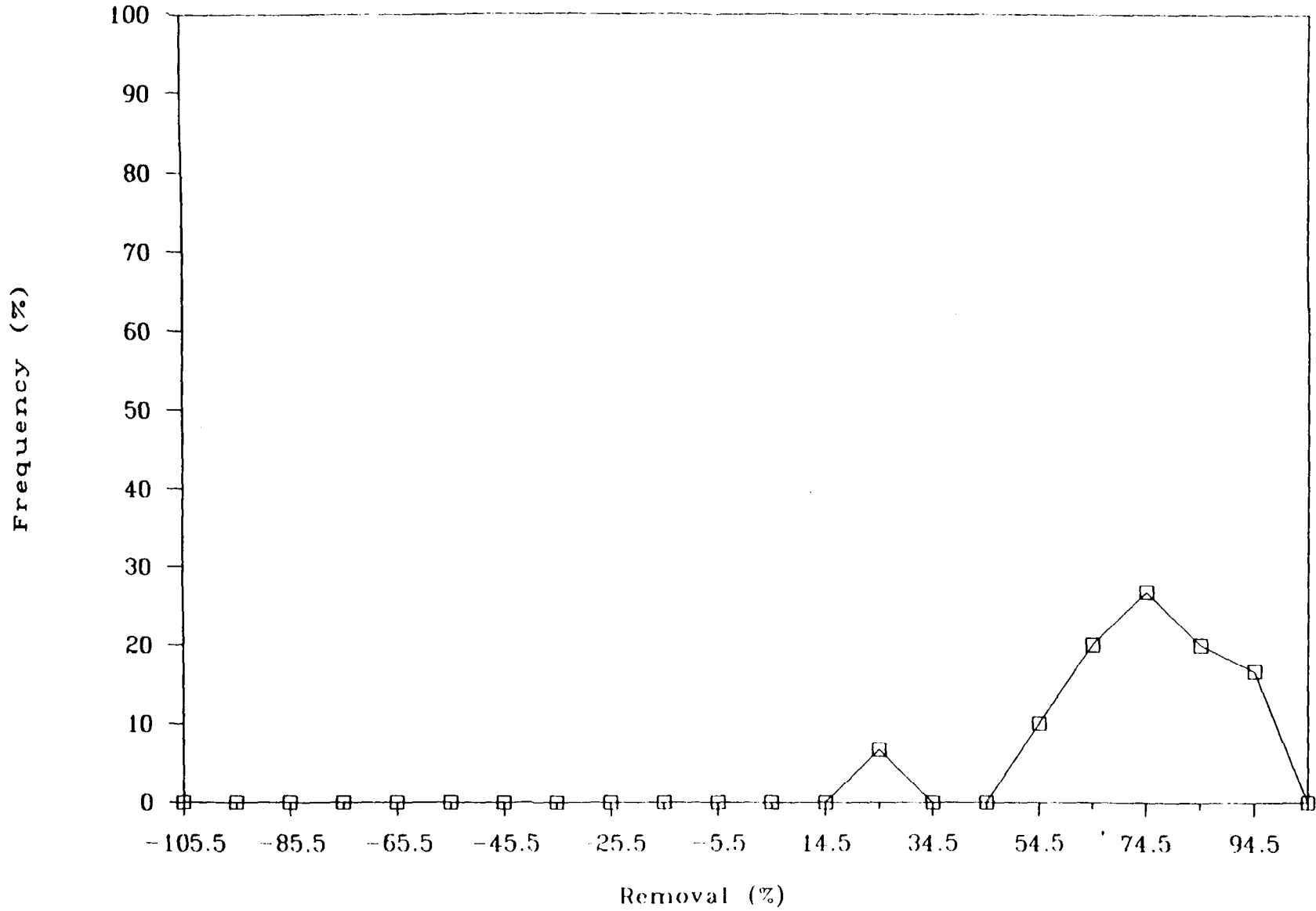
Frequency Distribution

0 - XYLENE



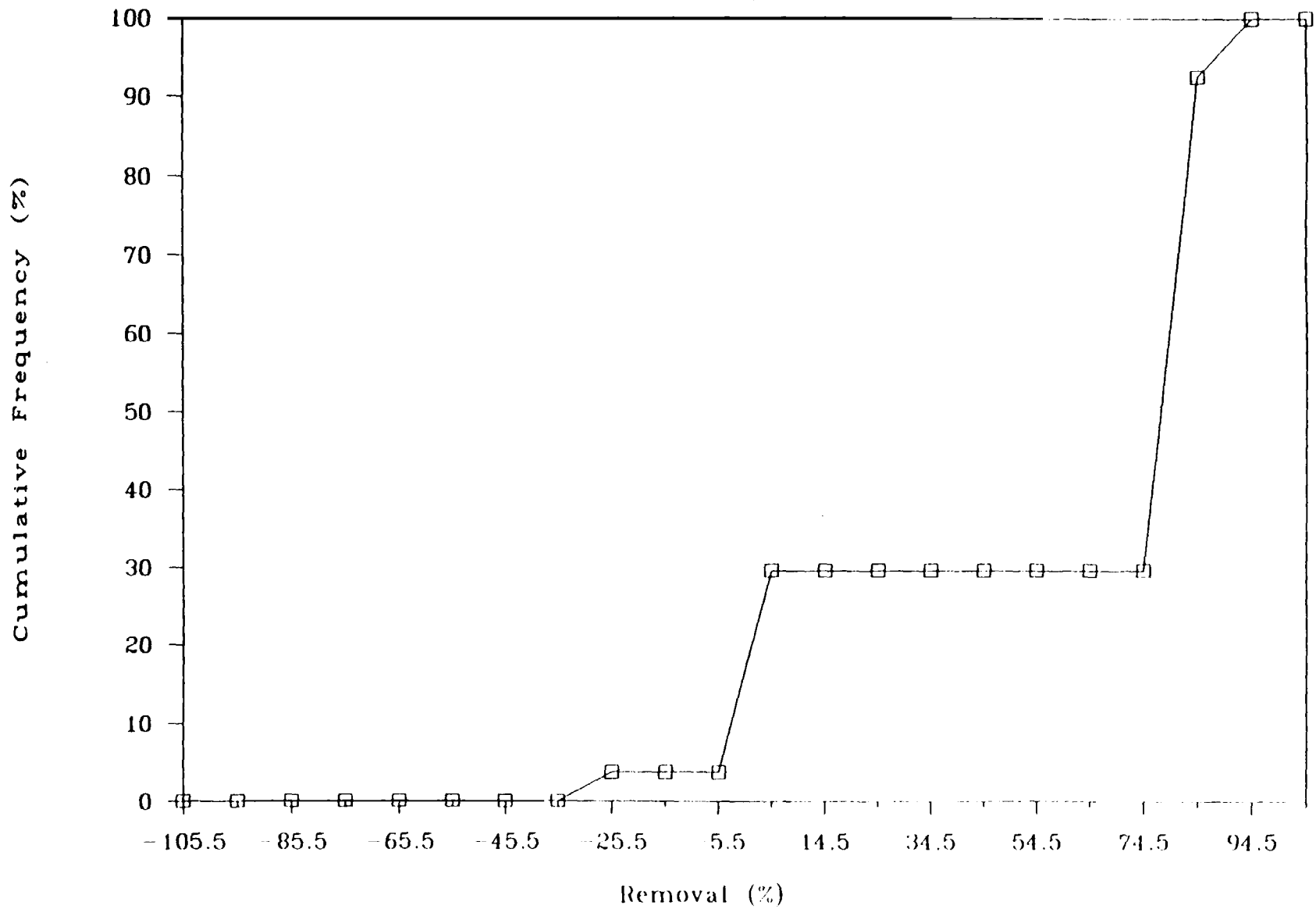
Frequency Distribution

ZINC



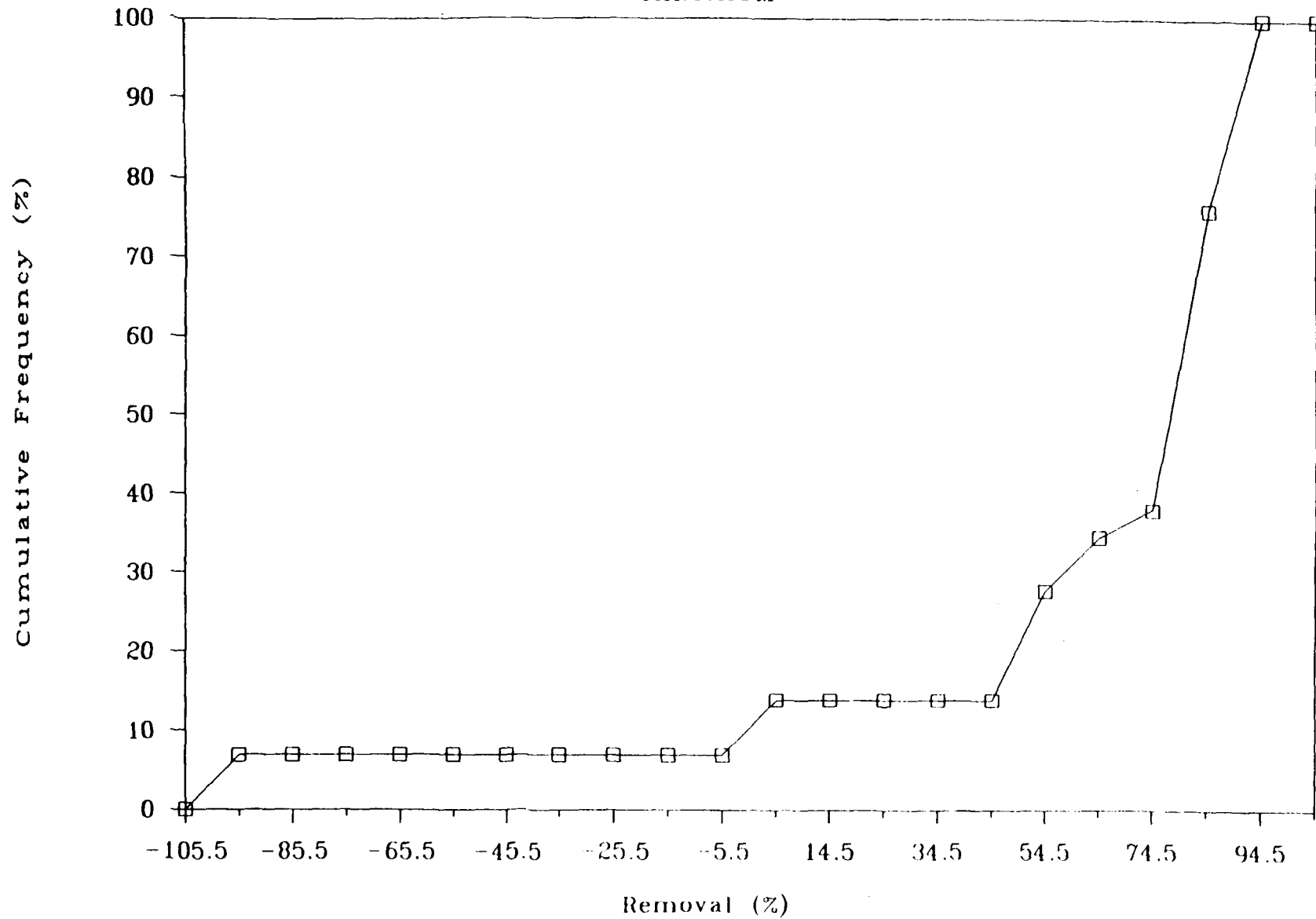
Cumulative Distribution

CADMIUM



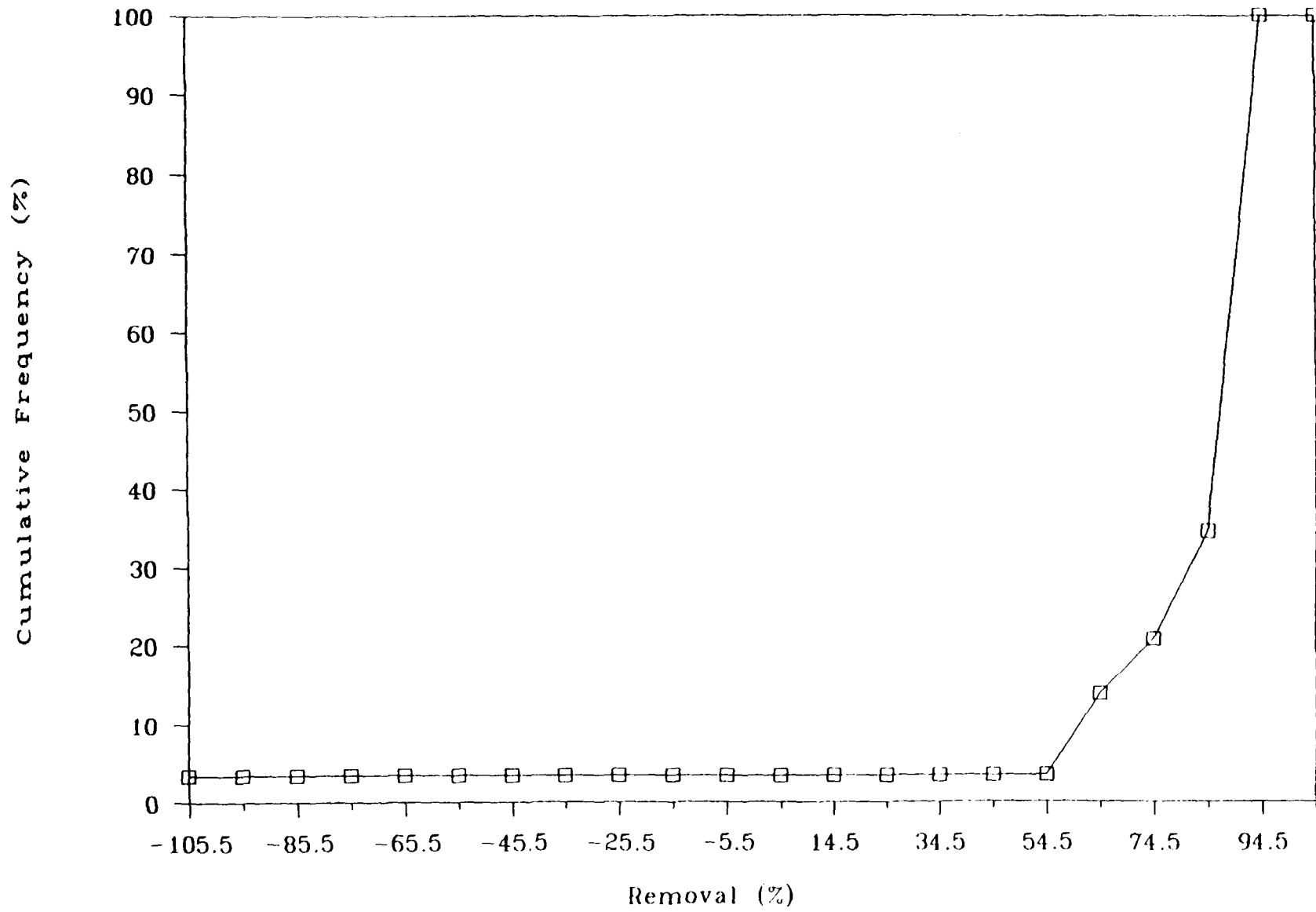
Cumulative Distribution

CHROMIUM



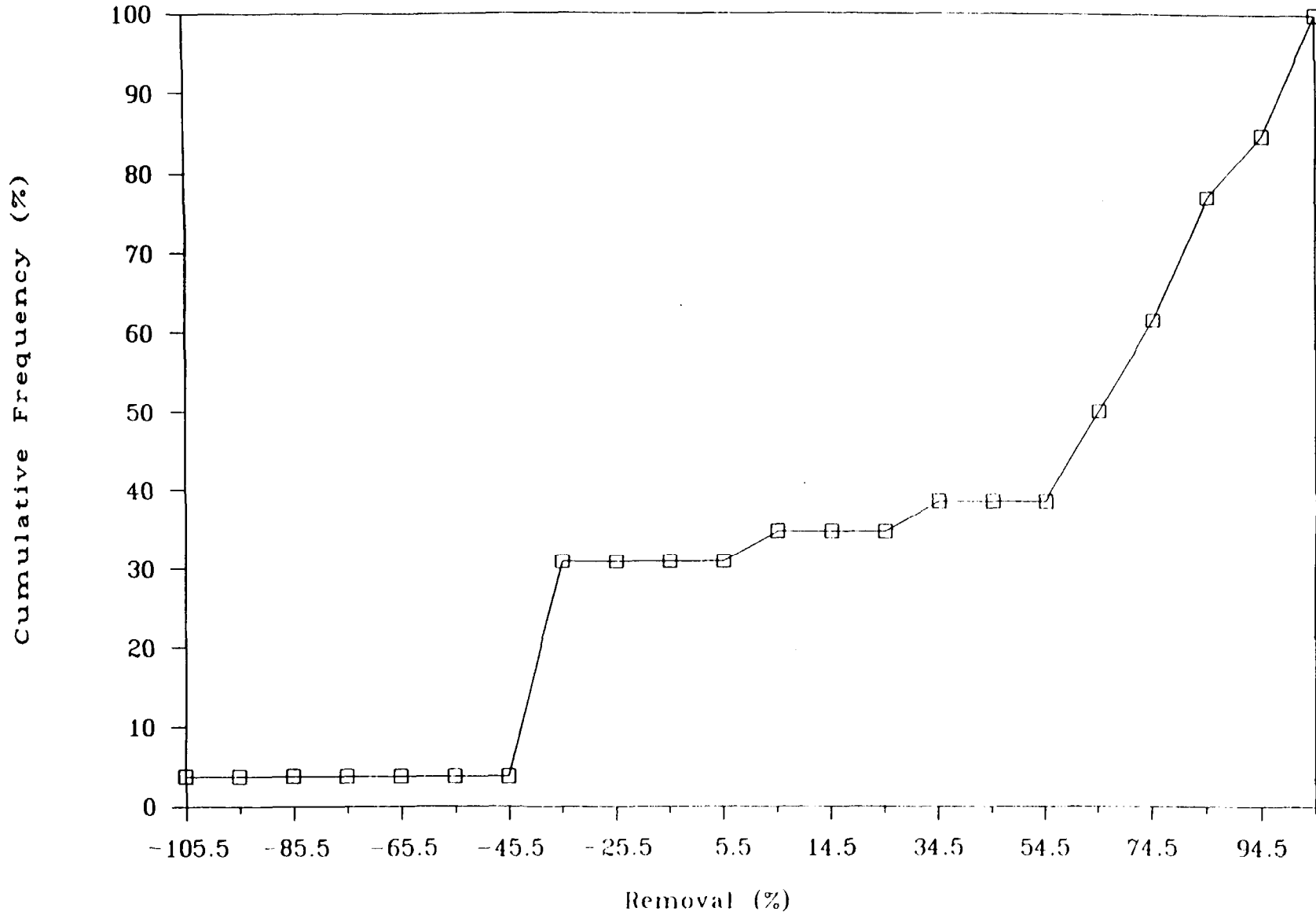
Cumulative Distribution

COPPER



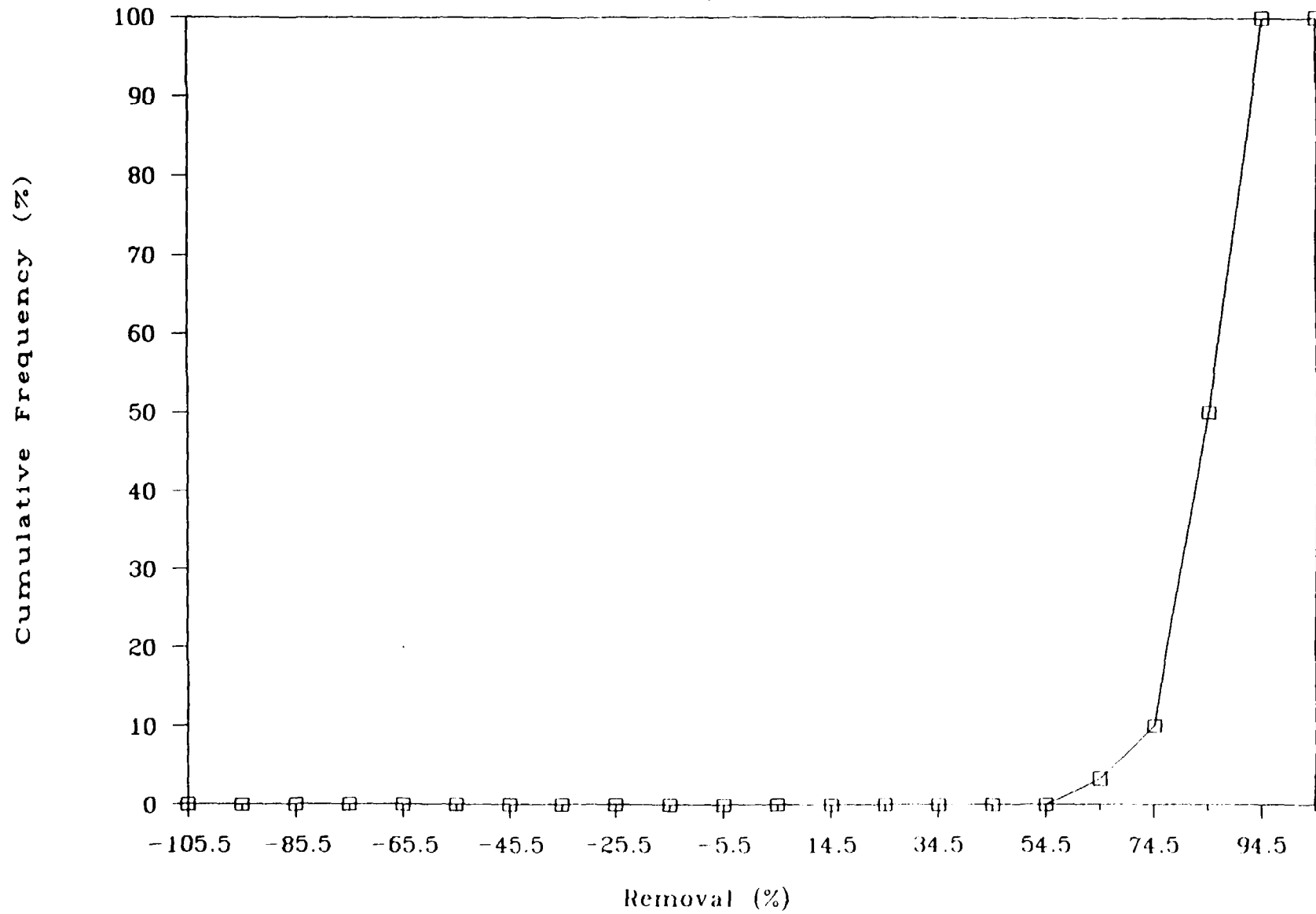
Cumulative Distribution

LEAD



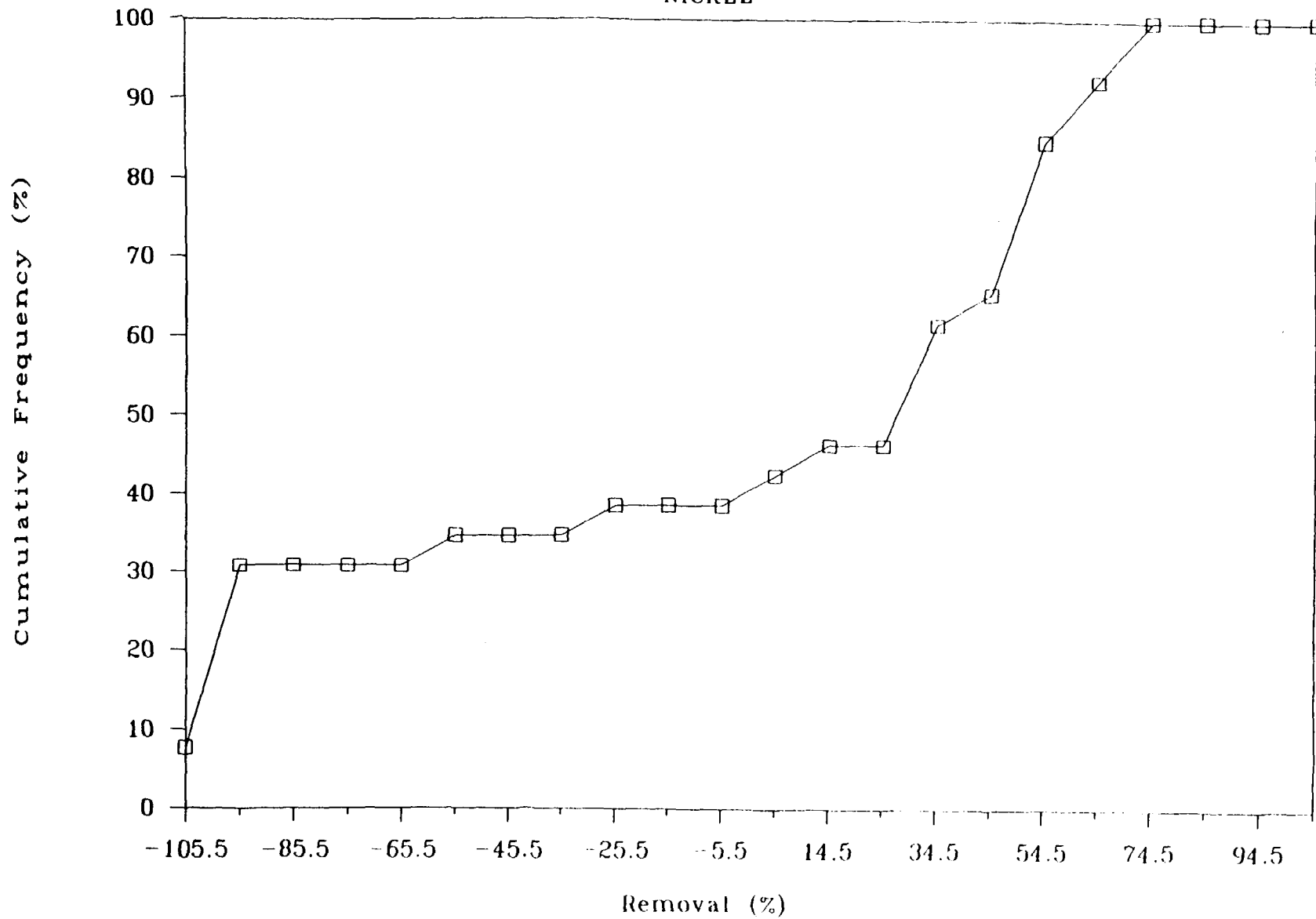
Cumulative Distribution

MERCURY



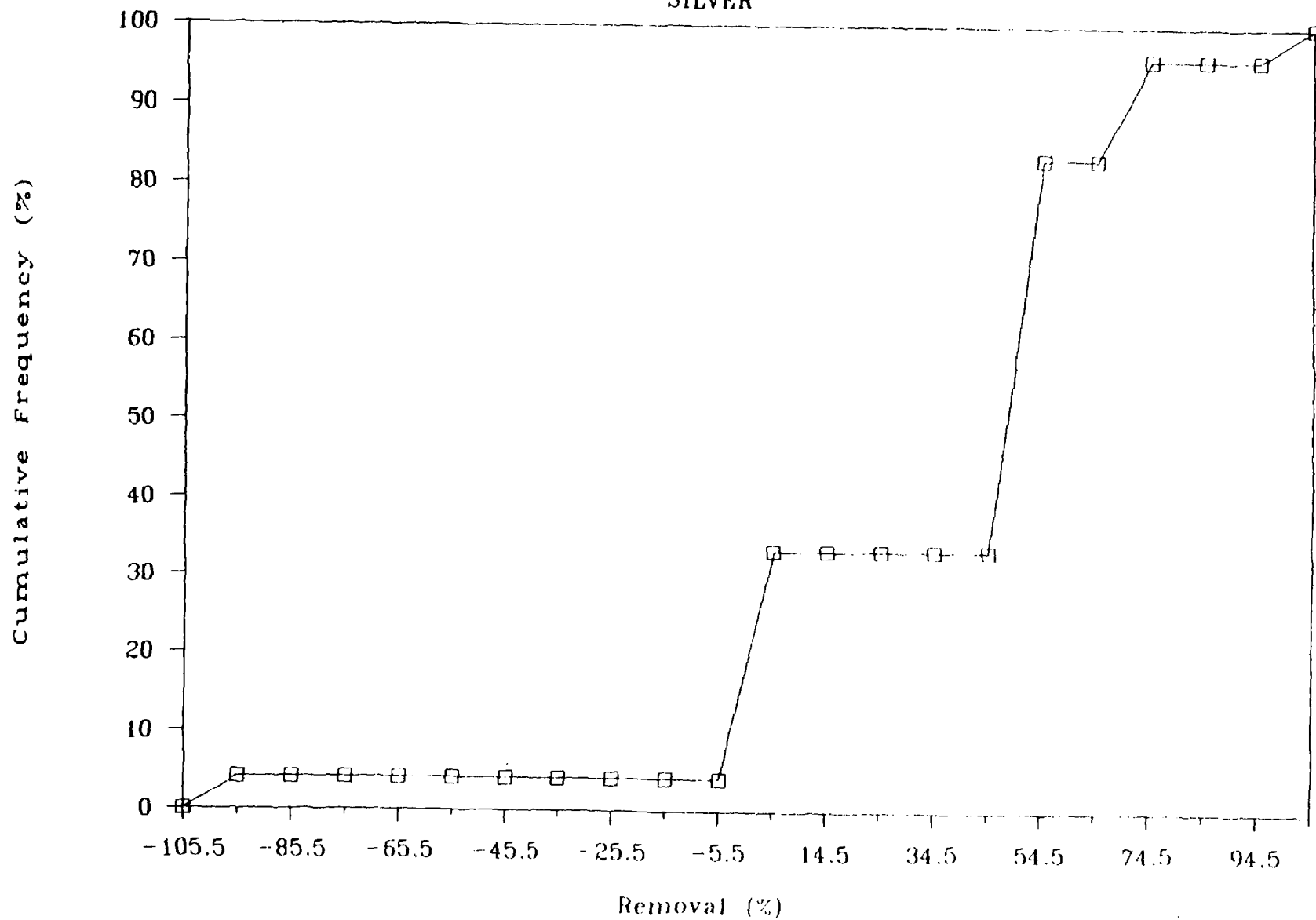
Cumulative Distribution

NICKEL



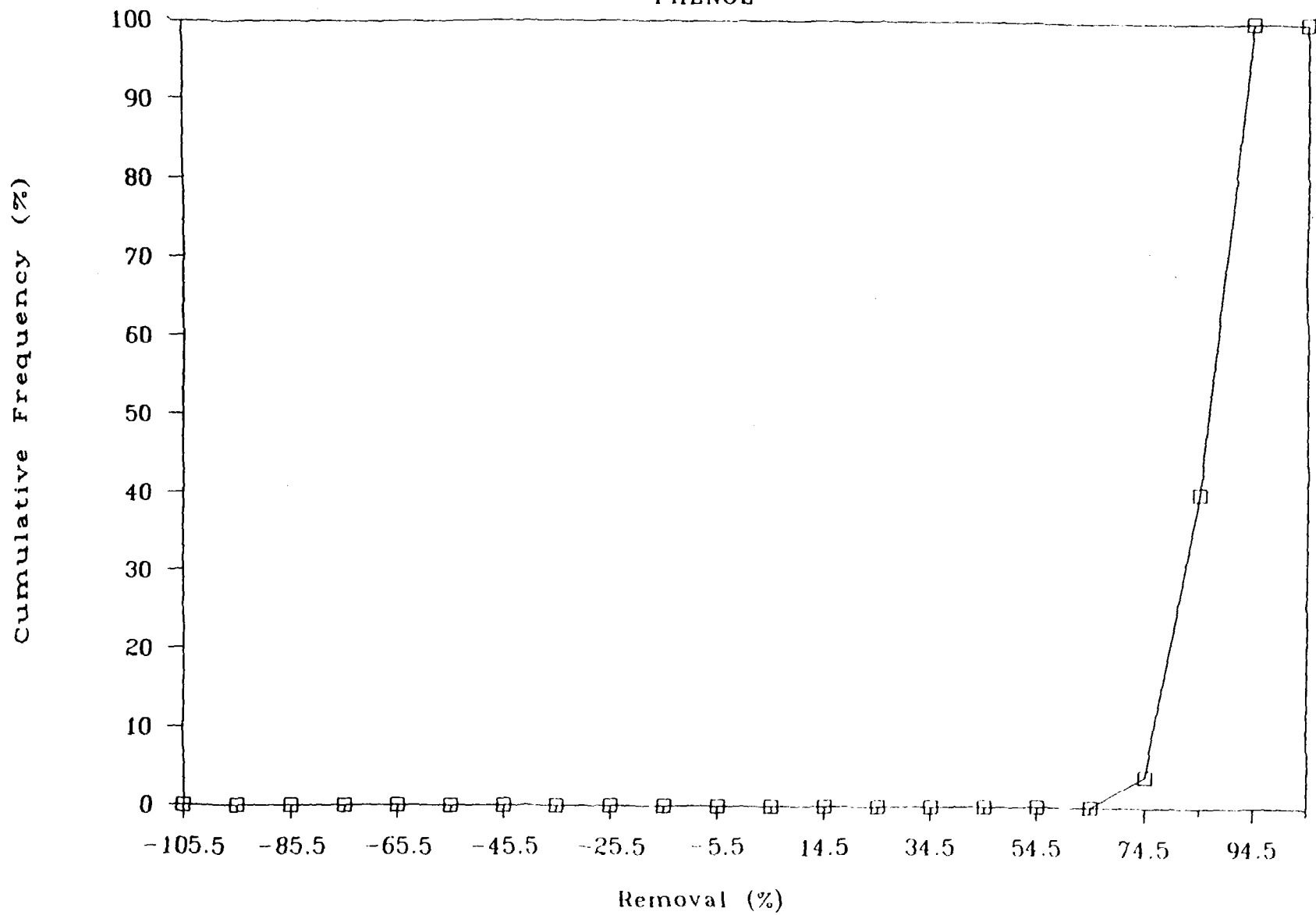
Cumulative Distribution

SILVER



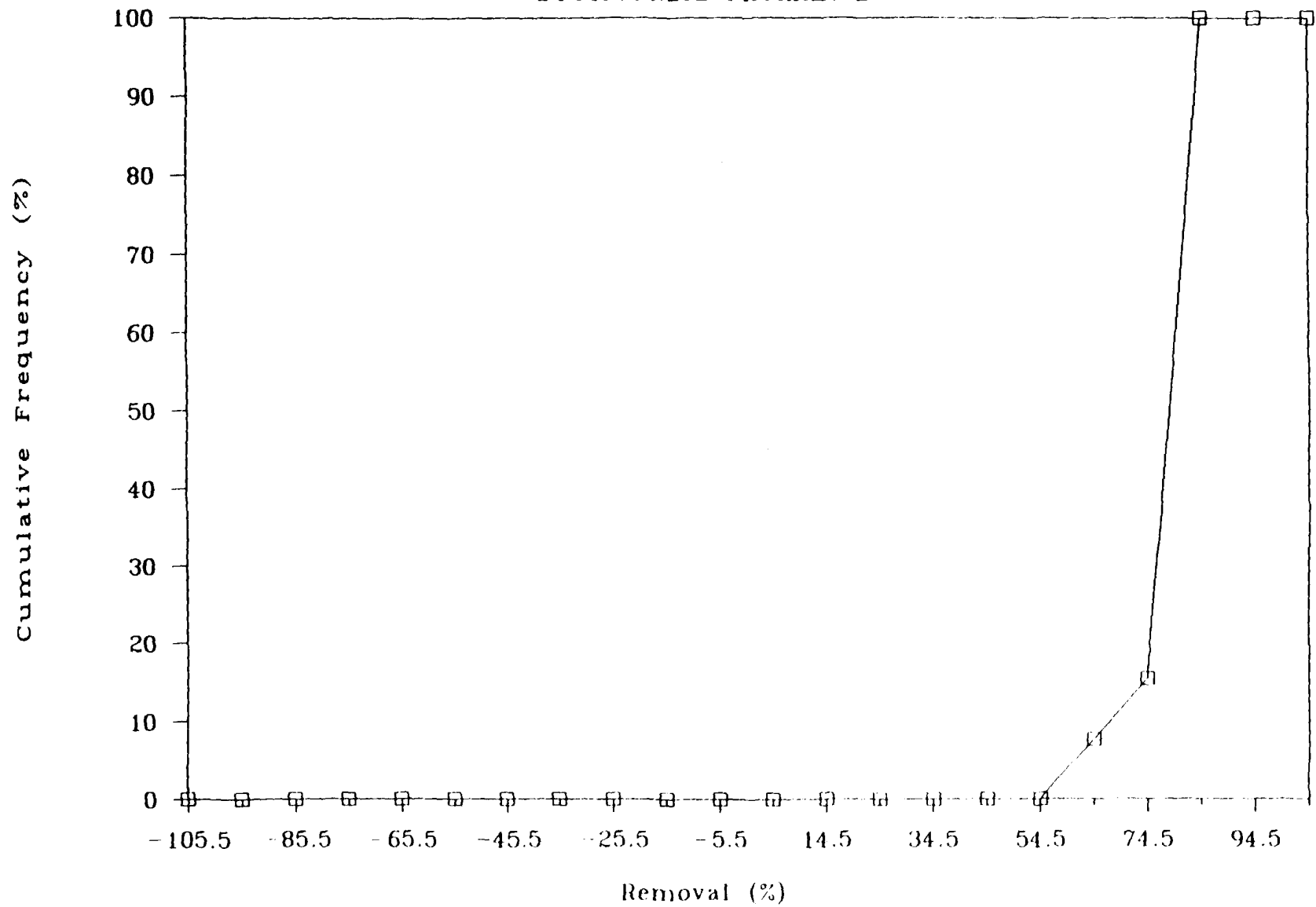
Cumulative Distribution

PHENOL



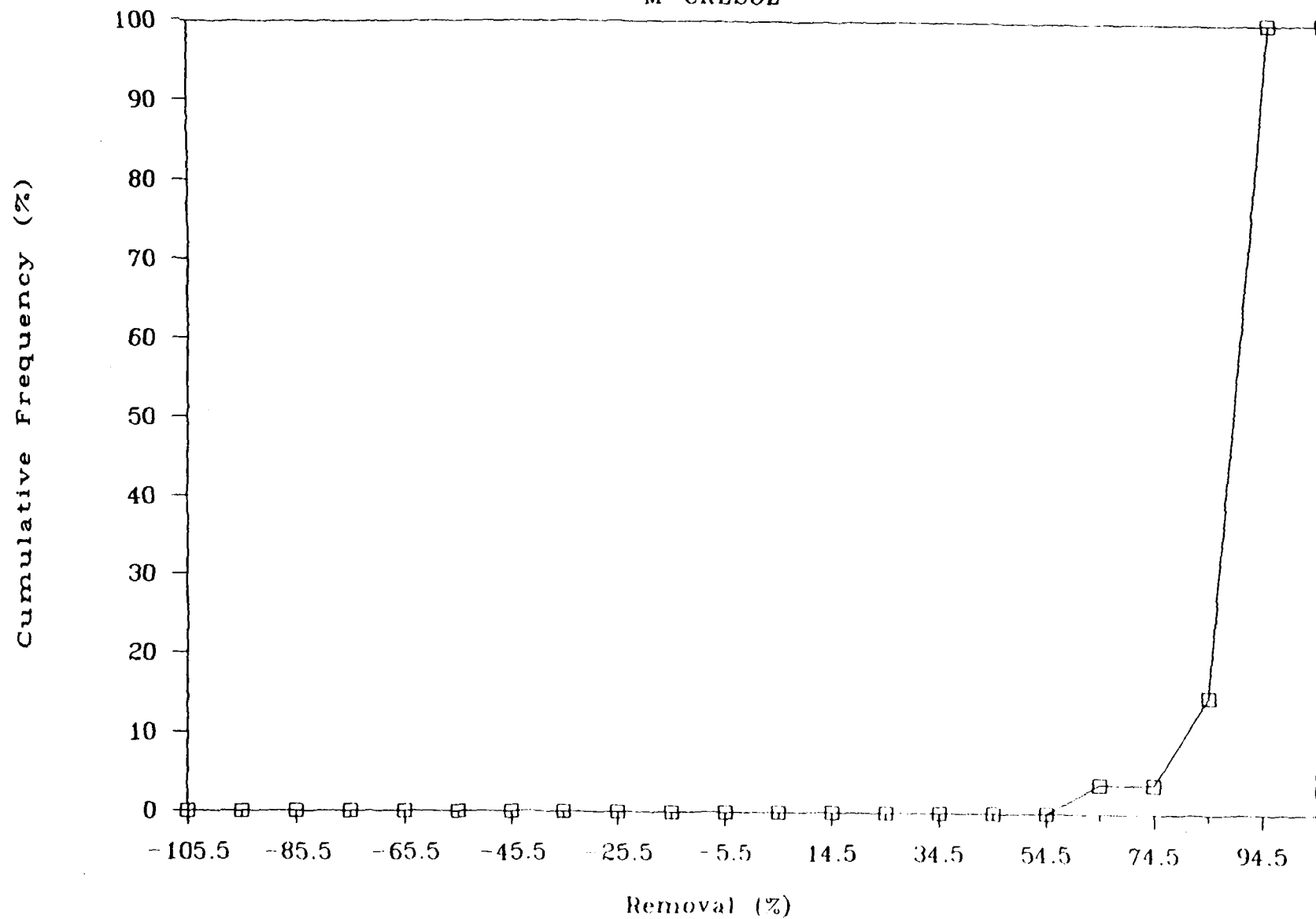
Cumulative Distribution

BUTYLBENZYL PHTHALATE



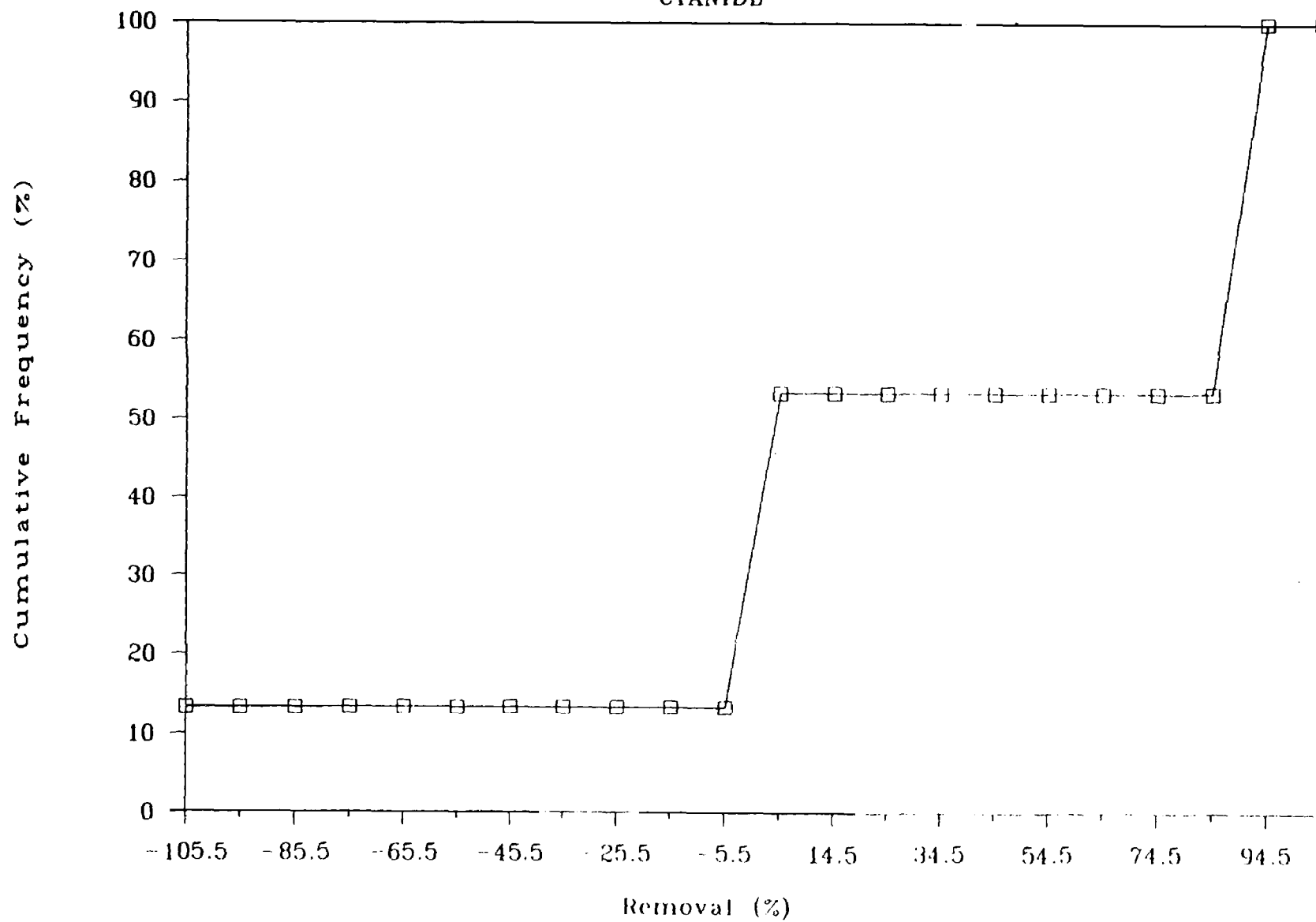
Cumulative Distribution

M-CRESOL



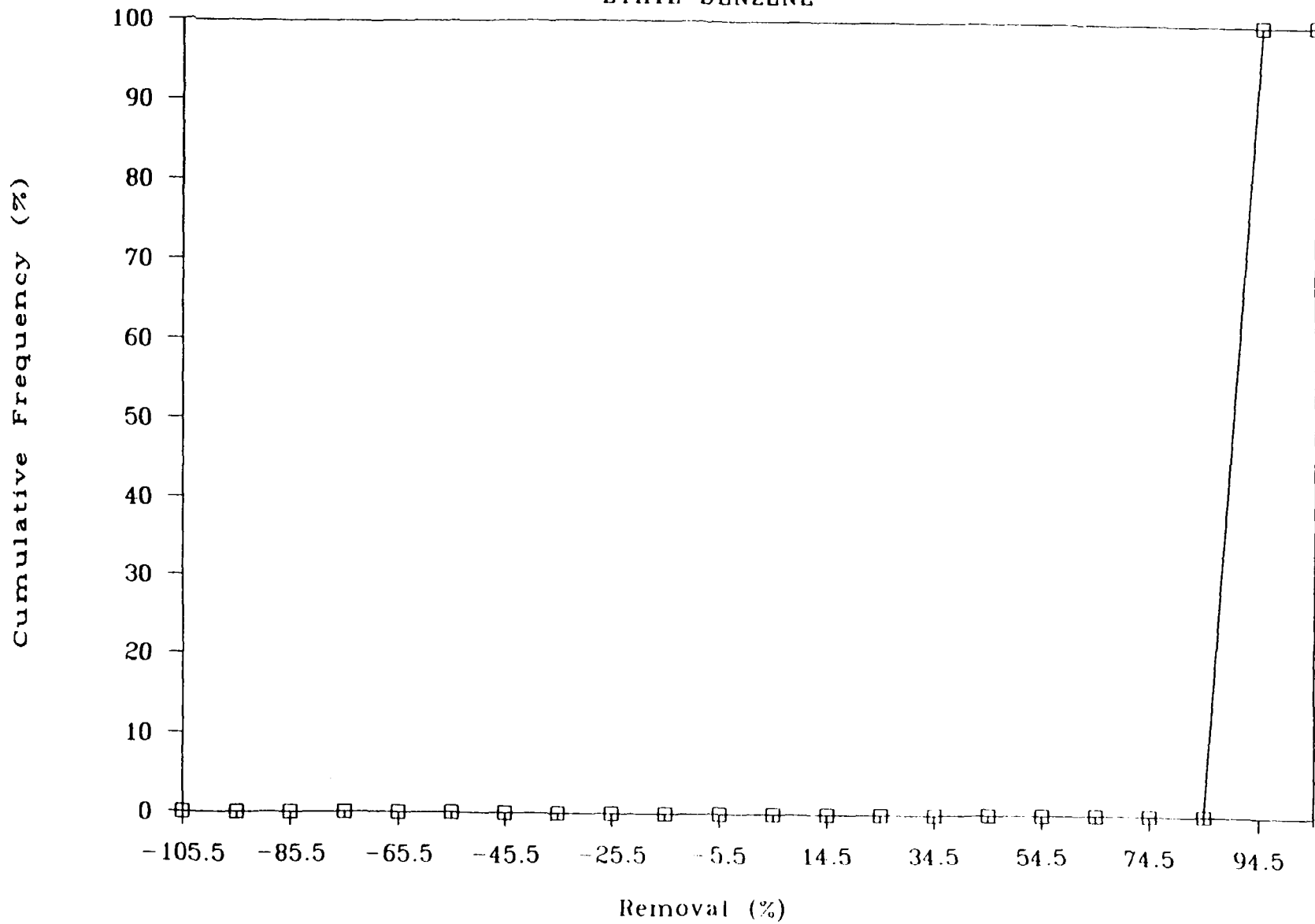
Cumulative Distribution

CYANIDE



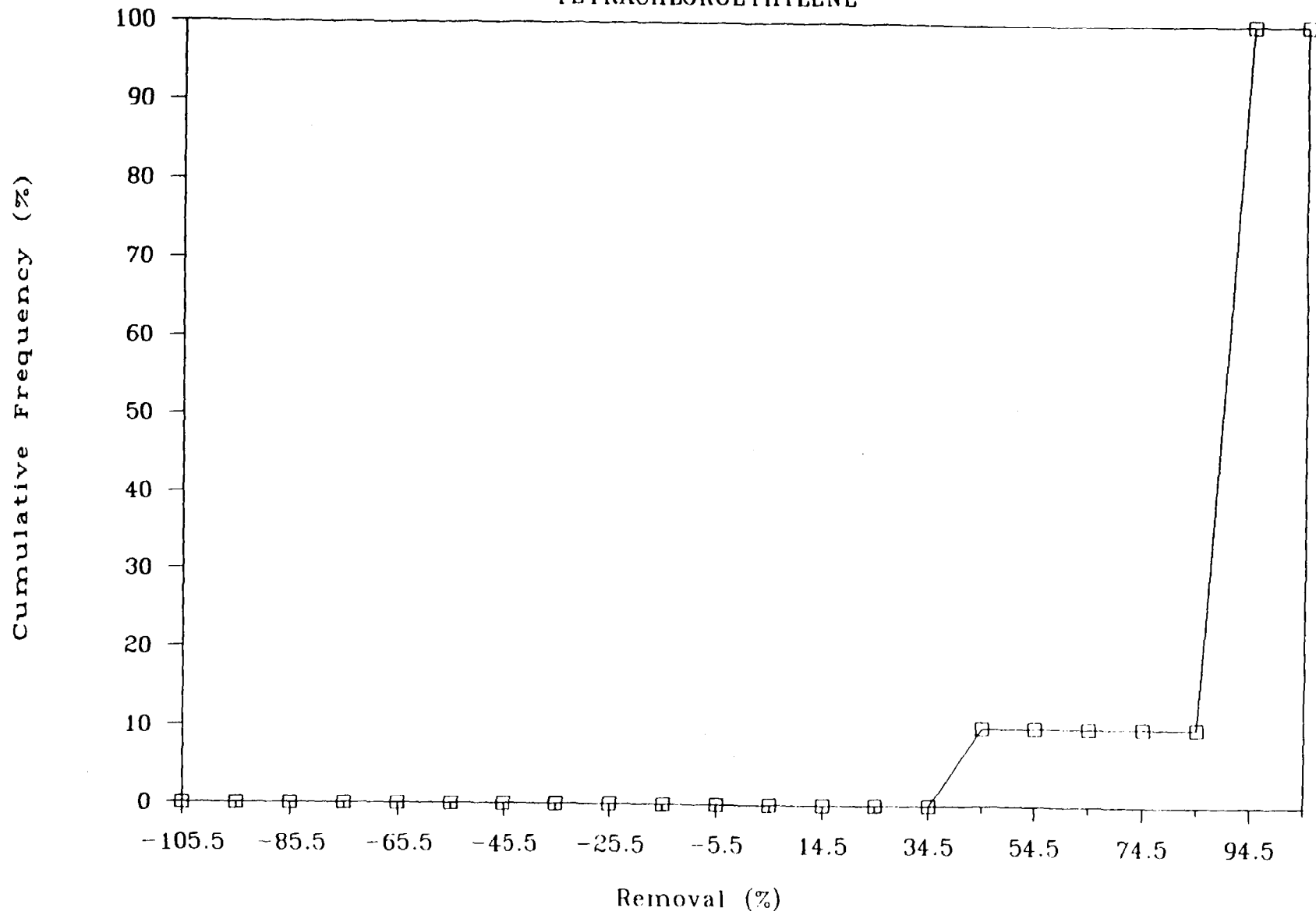
Cumulative Distribution

ETHYL BENZENE



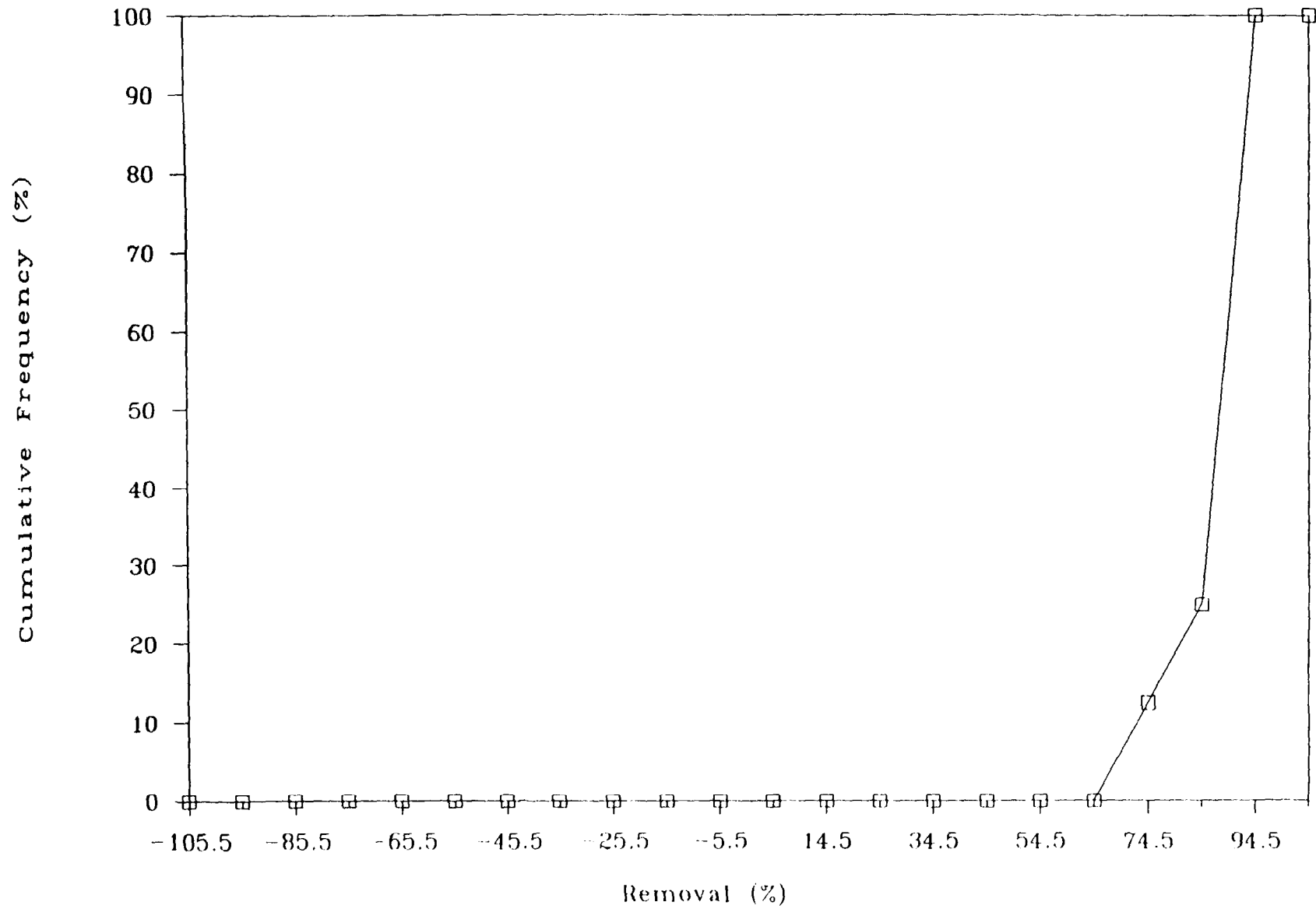
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TETRACHLOROETHYLENE



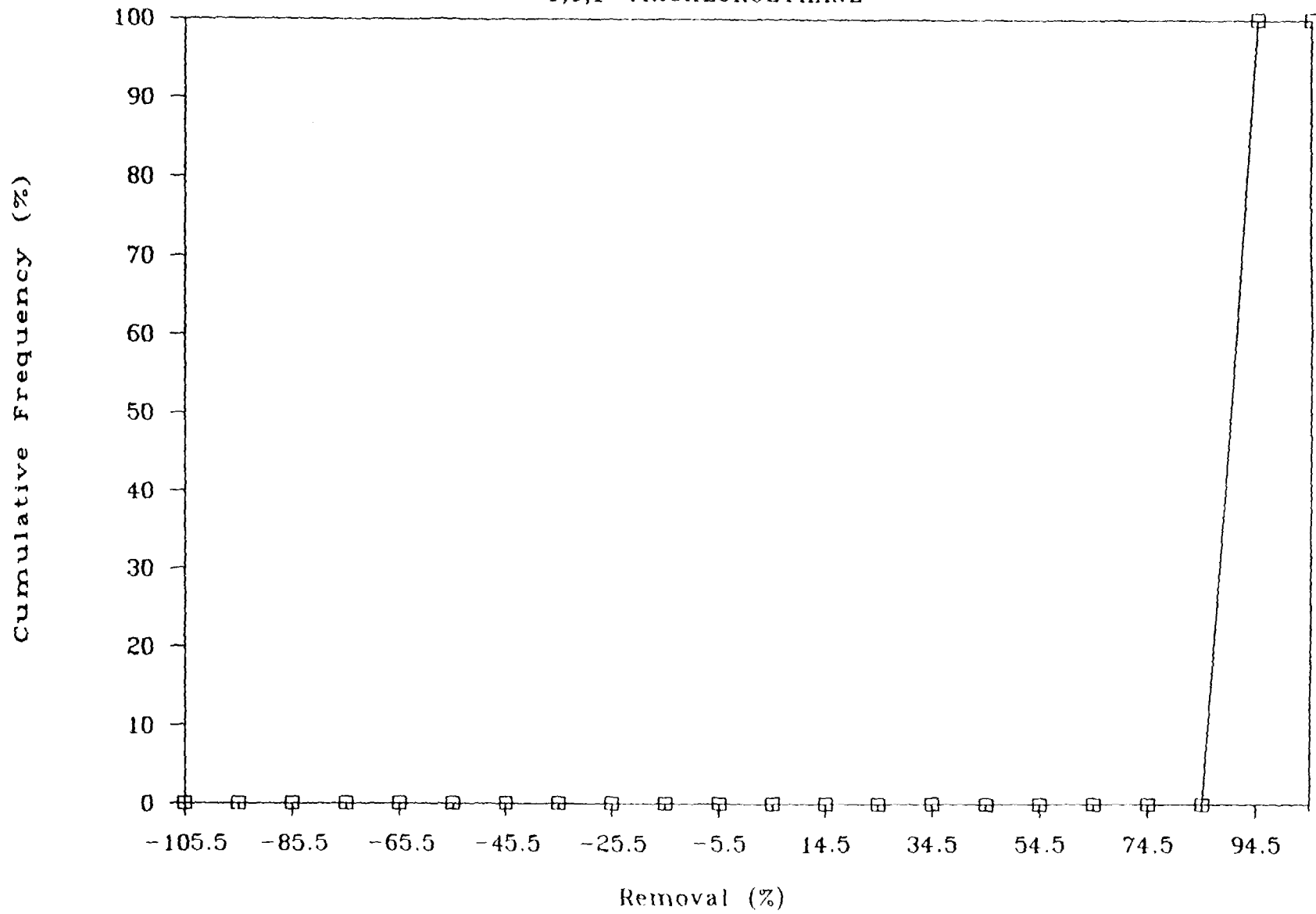
Cumulative Distribution

TRICHLOROETHYLENE



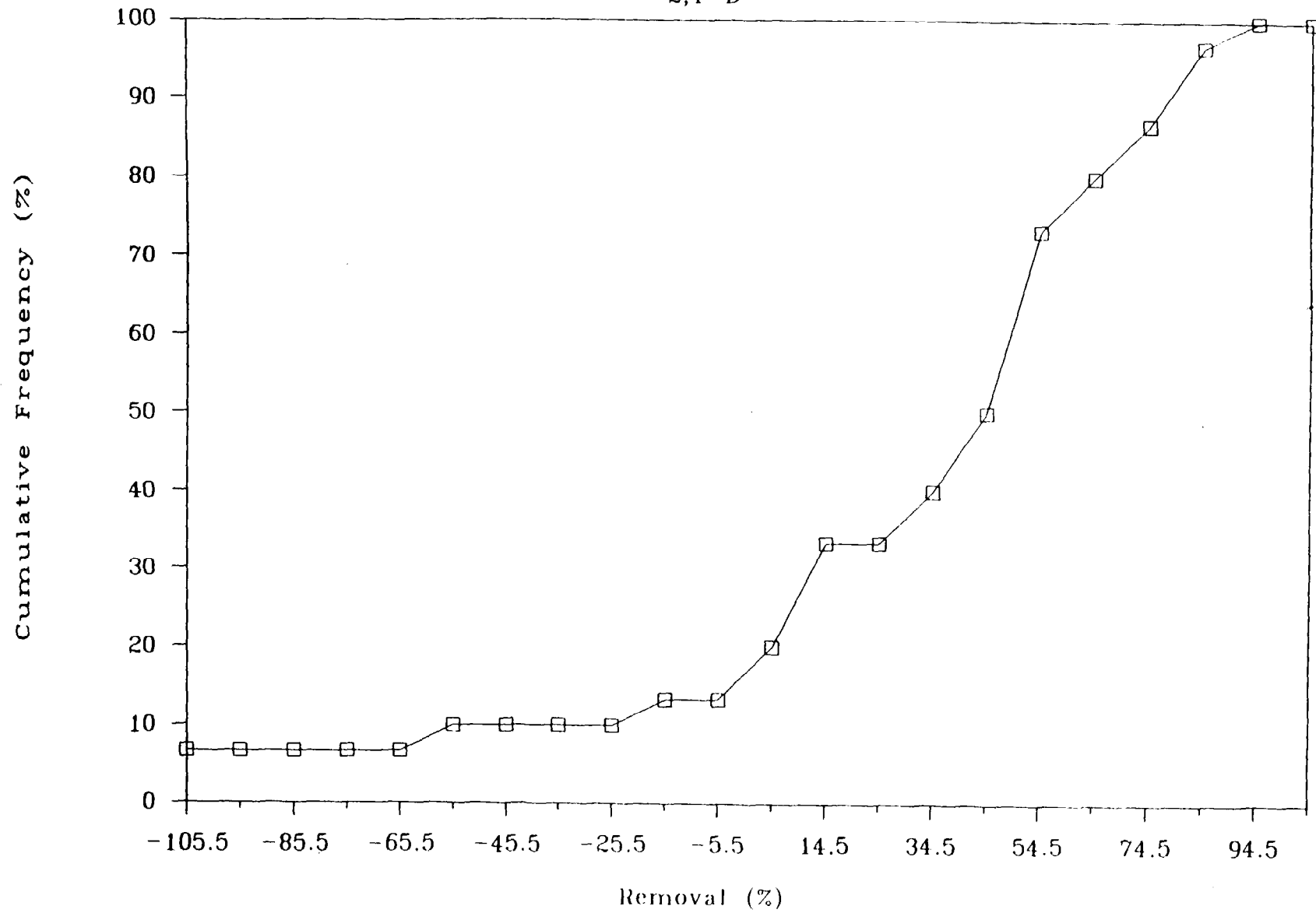
Cumulative Distribution

1,1,1-TRICHLOROETHANE



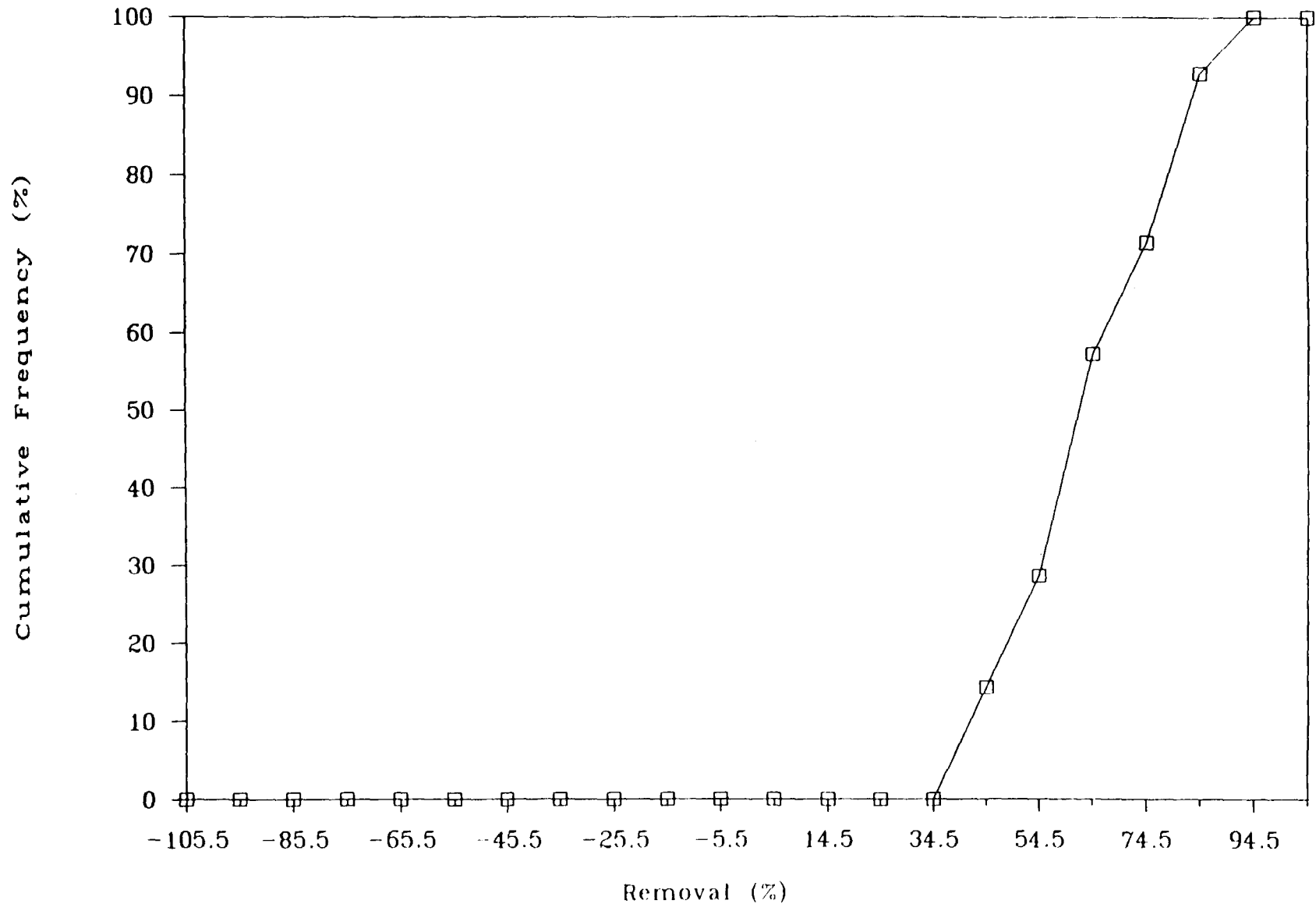
Cumulative Distribution

2,4-D



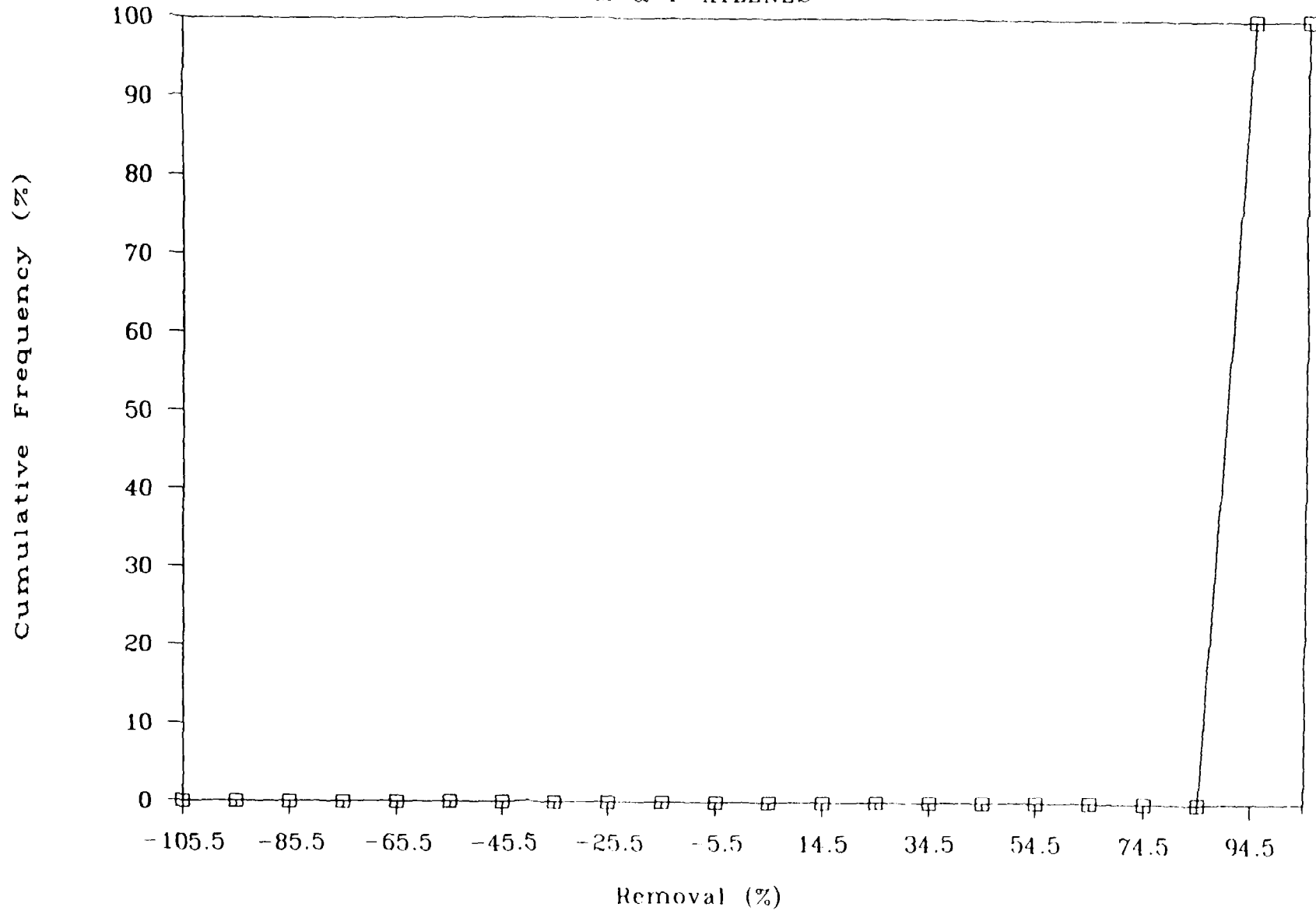
Cumulative Distribution

PCB-TOTAL



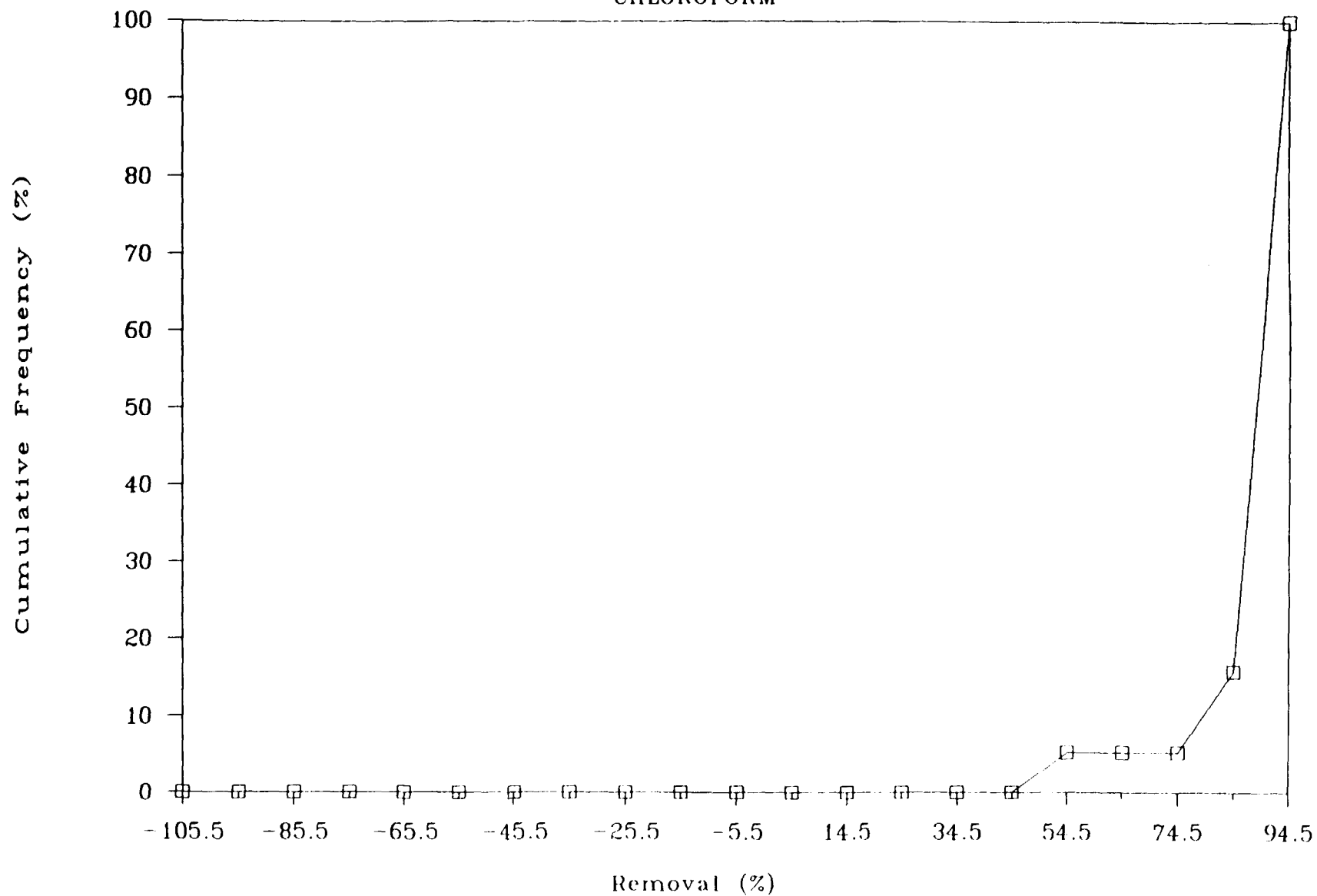
Cumulative Distribution

M & P XYLENES



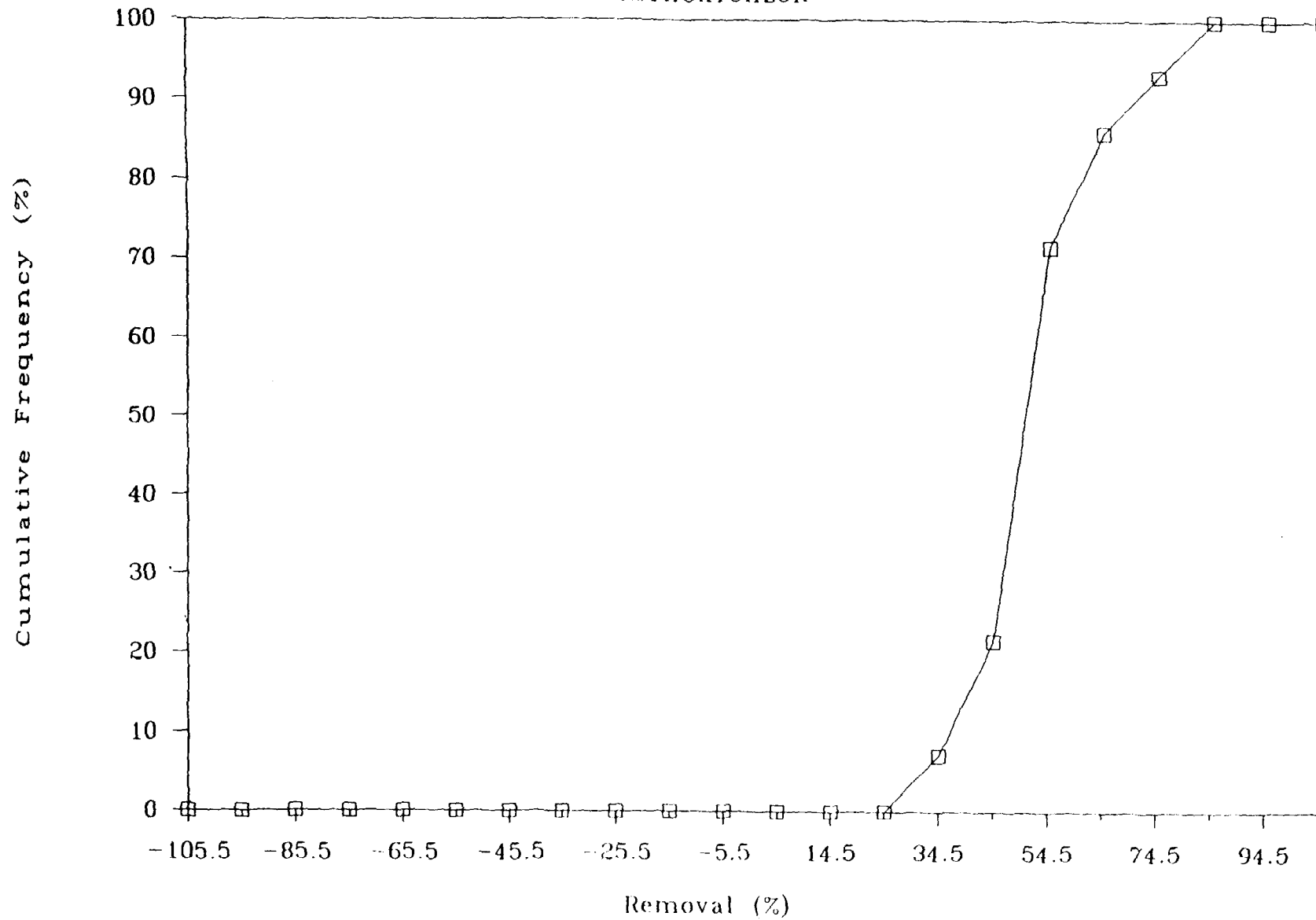
Cumulative Distribution

CHLOROFORM



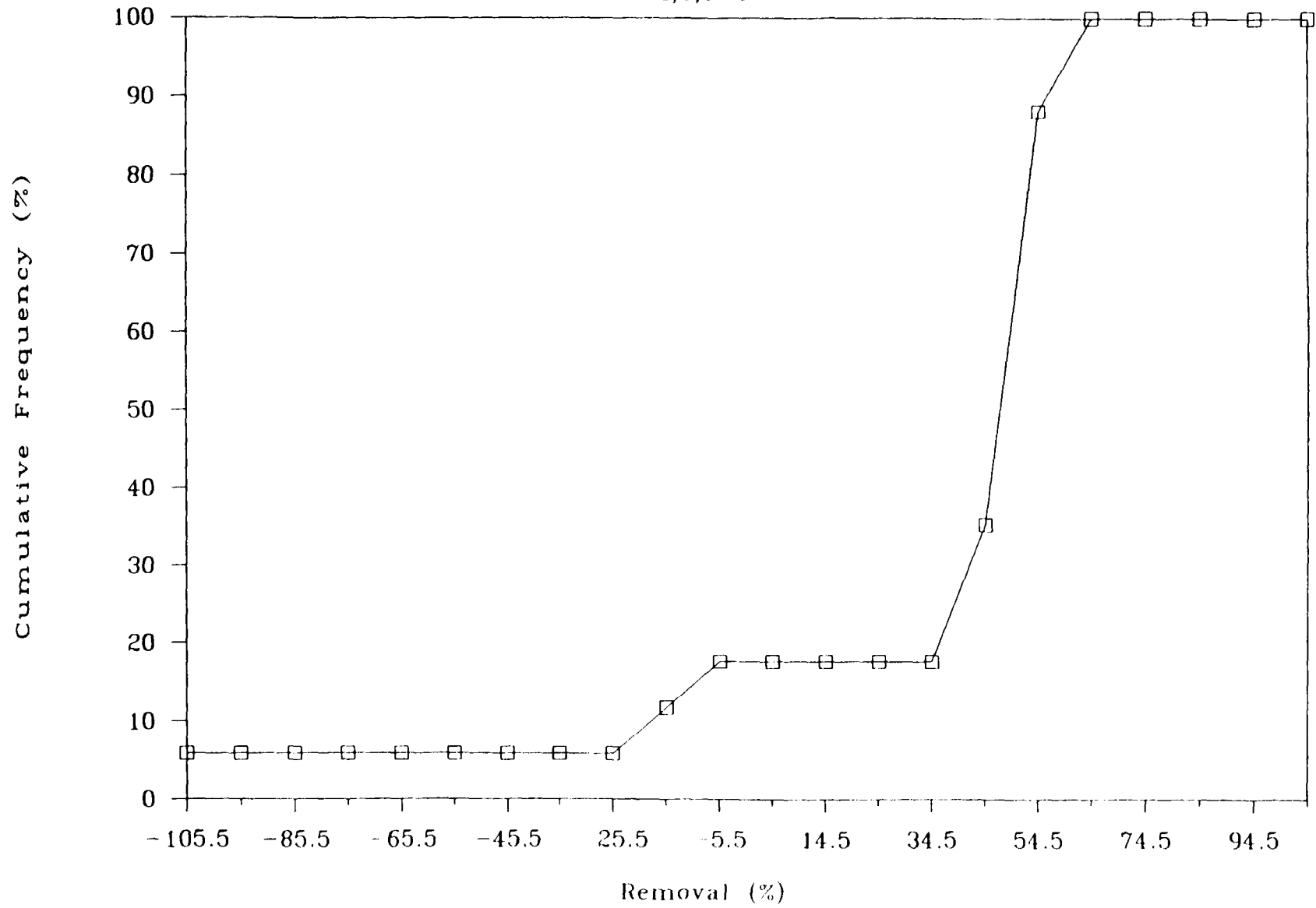
Cumulative Distribution

METHOXYCHLOR



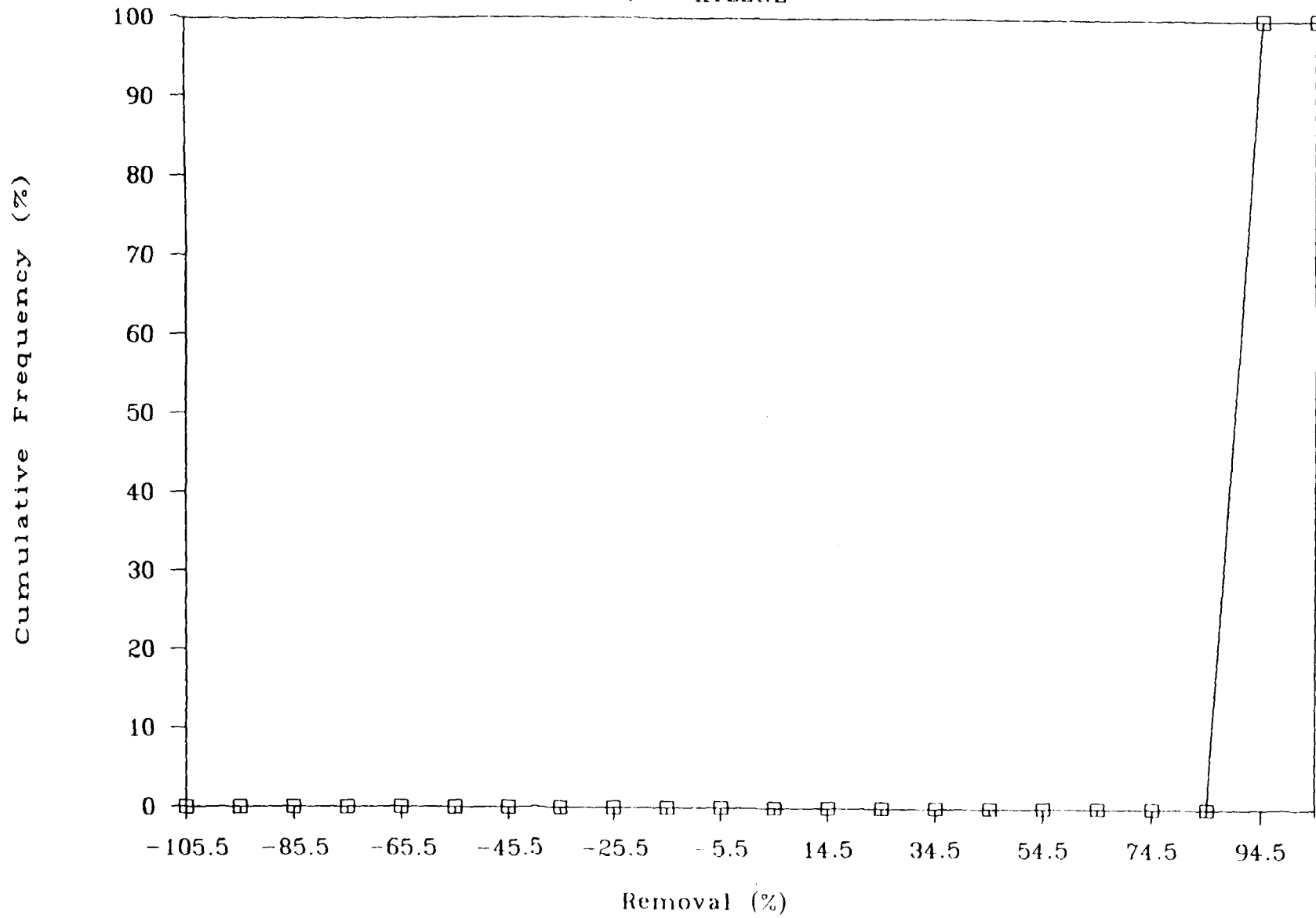
Cumulative Distribution

2,4,5-T



Cumulative Distribution

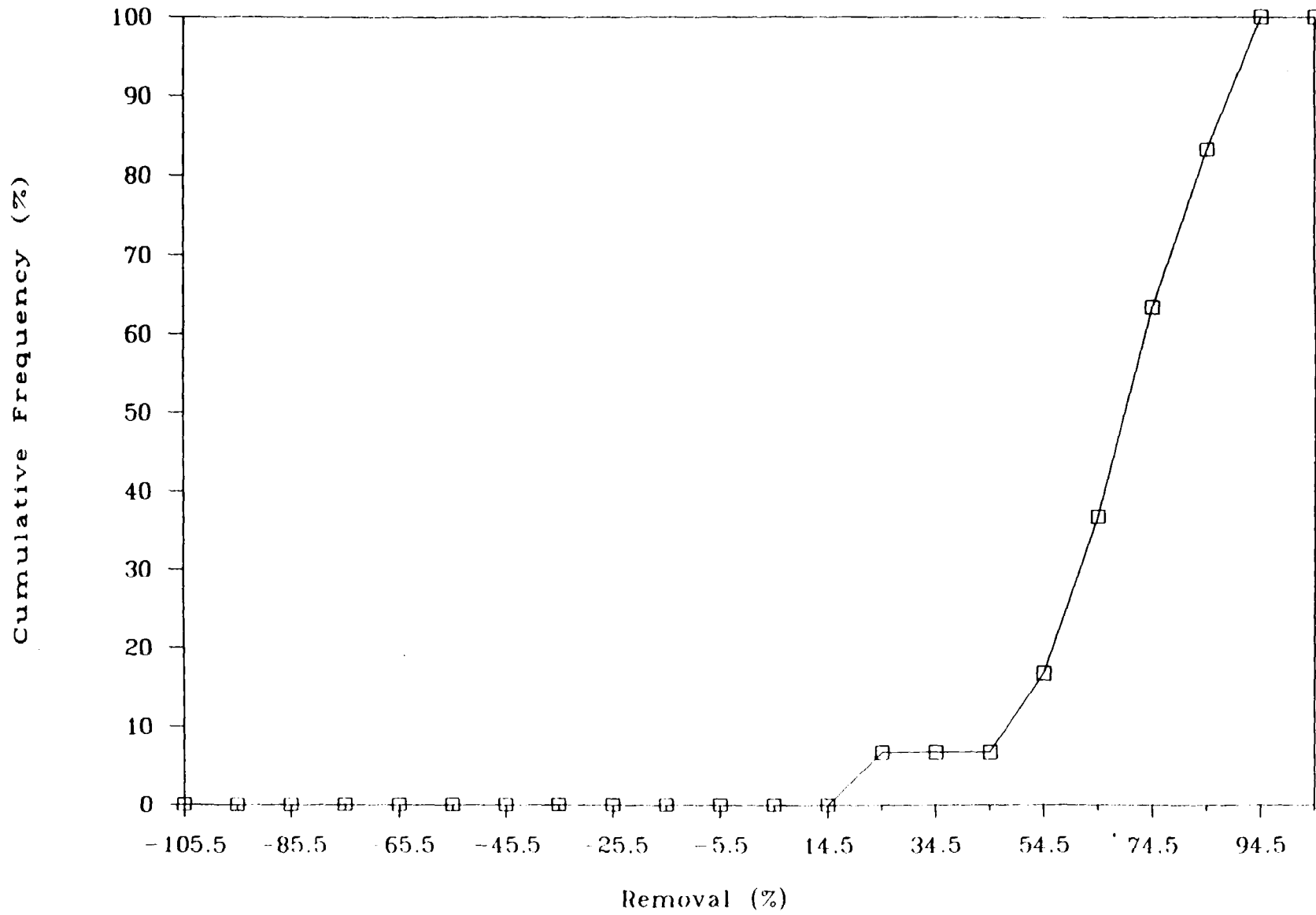
O - XYLENE



B-4-47

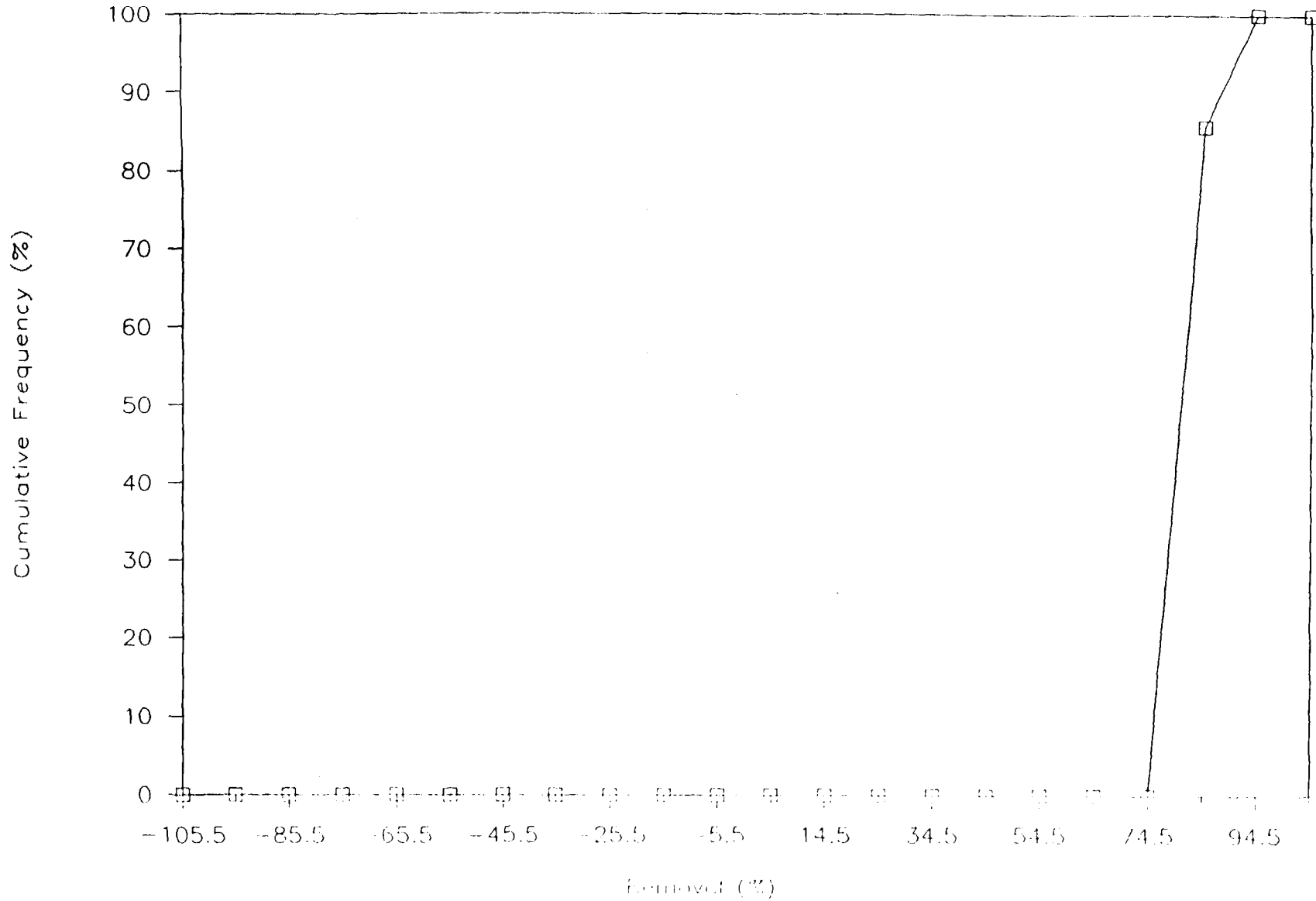
Cumulative Distribution

ZINC



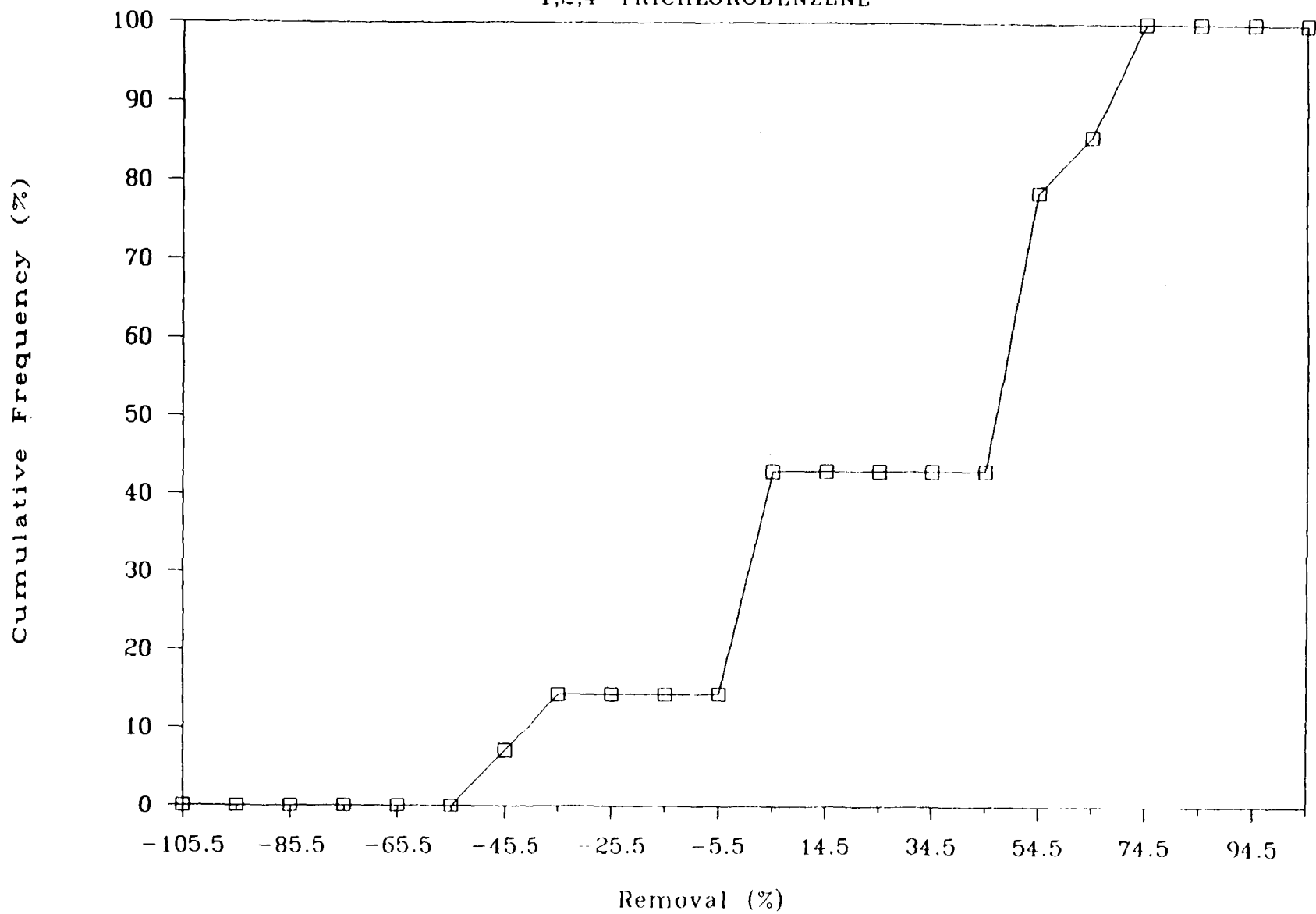
Cumulative Distribution

NAPHTHALENE



Cumulative Distribution

1,2,4-TRICHLOROBENZENE



APPENDIX C-1

- **EXAMPLE REMOVAL CREDITS CALCULATION**
- **EXAMPLE LOCAL LIMITS CALCULATION**

REMOVAL.EX

EXAMPLE OF REMOVAL CREDITS CALCULATIONS

Collection of Treatment Plant Pollutant Data:

TABLE 1 - ANALYTICAL DATA FOR CHROMIUM FOR A HYPOTHETICAL TREATMENT PLANT

<u>Sample Date</u>	<u>Chromium Concentrations (ug/l)</u>		<u>Removal Efficiency</u>
	<u>Influent</u>	<u>Effluent</u>	
10/10/83	1600	640	60
11/10/83	600	320	47*
12/10/83	850	270	68
1/10/84	920	310	66
2/10/84	1230	560	54
3/10/84	510	470	8*
4/10/84	440	240	45*
5/10/84	590	190	68
6/10/84	1050	580	45*
7/10/84	1230	590	52*
8/10/84	960	360	62
9/10/84	1110	550	50*

Calculation of Consistent Removal Rates:

$$r_i = \frac{I-E}{I}$$

where: r_i = removal percentage rate for a pollutant

I = concentration of the pollutant in the influent

E = concentration of the pollutant in the effluent

For example: $r_1 = \frac{1600 - 640}{1600} = .60$ (x 100) = 60% for 10/10/83

The six lowest removal efficiencies (*) are then averaged to yield a consistent removal rate of 41%.

Calculation of Revised Discharge Limits:

The Control Authority chose to use a removal rate 25 percent less that calculated for the treatment plant ($41\% \times 0.75 = 30.75\%$) to revise the discharge limit for chromium specified in the categorical pretreatment standard using the following formula:

$$y = \frac{x}{1-r}$$

where: y = revised discharge limit

x = pollutant discharge limit specified in the categorical pretreatment standard

r = consistent removal rate = 30.75 percent

As an example, the calculations of the daily maximum and monthly average discharge limits for chromium in the Metal Finishing Standards would be:

Daily Maximum:

$$y = \frac{2.77}{1-0.3075} = 4.00 \text{ mg/l}$$

Monthly Average:

$$y = \frac{1.71}{1-0.3075} = 2.47 \text{ mg/l}$$

The revised discharge limits for chromium are 4.00 mg/l and 2.47 mg/l.

**EXAMPLE OF MAXIMUM ALLOWABLE HEADWORKS LOADING
AND LOCAL LIMIT CALCULATIONS**

Summary of Data:

In order to calculate a maximum allowable headworks loading for a pollutant, data must first be collected and summarized as illustrated in Table 1.

Summary of Equations for Calculating Allowable Influent Loadings:

In addition, the equations that will be used to calculate the maximum allowable pollutant loading should be organized in an easy to reference manner as illustrated in Table 2.

Calculation of Maximum Allowable Pollutant Loading for Copper to the POTW:1. Preventing Inhibition of Treatment Plant Processes

(a) Activated Sludge

$$L_{\text{MAHL}} = \frac{(8.34) (C_{\text{I/AS}}) (Q_{\text{POTW}})}{(1 - R_{\text{PRIM}})} = \frac{(8.34) (1.0 \text{ mg/l}) (10 \text{ MGD})}{(1 - 0.25)}$$

$$L_{\text{MAHL}} = 111.2 \text{ lbs/day}$$

(b) Anaerobic Digestion

$$L_{\text{MAHL}} = \frac{(8.34) (C_{\text{I/AD}}) (Q_{\text{DIG}})}{R_{\text{POTW}}} = \frac{(8.34) (10.0 \text{ mg/l}) (0.04 \text{ MGD})}{0.83}$$

$$L_{\text{MAHL}} = 4.02 \text{ lbs/day}$$

2. Preventing Pass Through/Protecting Water Quality or NPDES Permit Compliance

(a) NPDES Permit

$$L_{\text{MAHL}} = \frac{(8.34) (C_{\text{PER}}) (Q_{\text{POTW}})}{(1 - R_{\text{POTW}})} = \frac{(8.34) (0.098 \text{ mg/l}) (10 \text{ MGD})}{(1 - 0.83)}$$

$$L_{\text{MAHL}} = 48.08 \text{ lbs/day}$$

TABLE 1. SUMMARY OF DATA FOR CALCULATING COPPER ALLOWABLE LOADINGS

Plant Information	Value	Variable
POTW Design Flow (MGD)	14.5	Q_{DES}
POTW Average Flow (MGD)	10.0	Q_{POTW}
Industrial Flow (MGD)	0.28	Q_{IND}
Sludge Flow to Digesters (MGD)	0.04	Q_{DIG}
Method of Sludge Disposal	Land Application	
Sludge Disposal Rate (MGD)	0.009	Q_{SLDG}
Cumulative Application Rate (lbs/acre)	111.0	CAR
Site Area of Sludge Disposal (acres)	400.0	SA
Percent Solids of Sludge (%)	7.5	PS
Receiving Stream Flow (MGD)	140.0	Q_{STR}
Receiving Stream Background Copper Concentration (mg/l)	0.004	C_{STR}
NPDES Permit Limit (mg/l)	0.098	C_{PER}
Stream Water Quality Standard (mg/l)	0.012	C_{WQ}
Inhibition Threshold Values:		
Activated Sludge (mg/l)	1.0	C_{UAS}
Anaerobic Digestion (mg/l)	10.0	C_{UAD}
POTW Influent Copper Concentration (mg/l)	0.35	C_{INF}
POTW Copper Removal Rates (%):		
Through Primary	25.0	R_{PRIM}
Through Secondary	83.0	R_{SEC}
Across the Plant	83.0	R_{POTW}
Domestic Wastewater Copper Concentration	0.03	C_{DOM}
Domestic Flow (MGD)	9.72	Q_{DOM}
Industrial Flows (MGD):		
Industry #1	0.05	Q_{IND1}
Industry #2	0.03	Q_{IND3}
Industry #3	0.20	Q_{IND2}
Industrial Copper Concentrations (mg/l):		
Industry #1	7.0	C_{IND1}
Industry #2	3.2	C_{IND2}
Industry #3	0.007	C_{IND3}

TABLE 2. EQUATIONS FOR THE DERIVATION OF ALLOWABLE INFLUENT LOADINGS BASED ON IN-PLANT CRITERIA

<u>IN-PLANT CRITERION</u>	<u>EQUATION*</u>
ALL POLLUTANTS:	
(1) Activated sludge threshold inhibition level	$L_{MAHL} = \frac{(8.34)(C_{I/AS})(Q_{POTW})}{1 - R_{PRIM}}$
(2) NPDES permit limit	$L_{MAHL} = \frac{(8.34)(C_{PER})(Q_{POTW})}{1 - R_{POTW}}$
(3) Water quality standard	$L_{MAHL} = \frac{(8.34)[C_{WQ}(Q_{STR} + Q_{POTW}) - (C_{STR})(Q_{STR})]}{(1 - R_{POTW})}$
CONSERVATIVE POLLUTANTS:	
(4) Anaerobic digester threshold inhibition level	$L_{MAHL} = \frac{(8.34)(C_{I/AD})(Q_{DIG})}{R_{POTW}}$
(5) Sludge disposal limitation	$L_{LIM(CAR)} = \frac{(CAR)(SA)}{(SL)(Q_{SLDG})(PS/100)(3046)}$
	$L_{MAHL} = \frac{(8.34)(C_{SLCRIT})(PS/100)(Q_{SLDG})}{R_{POTW}}$

*where:

L_{MAHL}	= Allowable influent loading, lbs/d
$C_{I/AS}$	= Threshold inhibition concentration for activated sludge, mg/l
Q_{POTW}	= POTW average flow, MGD
R_{PRIM}	= Primary treatment removal efficiency, as a decimal
C_{PER}	= NPDES permit limit, mg/l
C_{WQ}	= Water quality standard, mg/l
Q_{STR}	= Stream flow, MGD
C_{STR}	= Background concentration of stream, mg/l
$C_{I/AD}$	= Threshold inhibition concentration for anaerobic digester, mg/l
Q_{DIG}	= Sludge flow to digester, MGD
R_{POTW}	= Removal efficiency across entire POTW, as a decimal
$C_{LIM(CAR)}$	= Maximum allowable pollutant concentration in sludge to meet cumulative application rate, mg/kg <u>dry</u> sludge

TABLE 2. EQUATIONS FOR THE DERIVATION OF ALLOWABLE INFLUENT LOADINGS BASED ON IN-PLANT CRITERIA

CAR	=	Cumulative application rate, lbs of pollutant/acre
SA	=	Site area, acres
SL	=	Site life, years
Q _{SLDG}	=	Sludge flow to disposal, MGD
PS	=	Sludge percent solids, as a decimal
C _{SLCRT}	=	Most stringent sludge disposal criterion, mg/kg <u>dry</u> sludge

Conversion factors:

$$\frac{8.34 \text{ lbs/day}}{(\text{mg/l})(\text{MGD})}$$

$$\frac{3046 \text{ mg/kg}}{(\text{days/yr})(\text{lbs/gal})}$$

(b) Water Quality Standard

$$L_{MAHL} = \frac{(8.34) [C_{WQ} (Q_{STR} + Q_{POTW}) - (C_{STR}) (Q_{STR})]}{(1 - R_{POTW})}$$

$$L_{MAHL} = \frac{(8.34) [0.012 \text{ mg/l} (140 \text{ MGD} + 10 \text{ MGD}) - (0.004 \text{ mg/l} * 140 \text{ MGD})]}{(1 - 0.83)}$$

$$L_{MAHL} = 60.83 \text{ lbs/day}$$

3. Determination of Possible Sludge Disposal Impacts

$$C_{LIM}(CAR) = \frac{(CAR) (SA)}{(SL) (Q_{SLDG}) (PS/100) (3046)}$$

$$C_{LIM}(CAR) = \frac{(111 \text{ lbs/acre}) (400 \text{ acres})}{(20 \text{ yrs}) (0.009 \text{ MGD}) (75/100) (3046)}$$

$$C_{LIM}(CAR) = 1079.74 \text{ mg/kg}$$

In order to maintain a Class I sludge quality ranking, the quantity of copper in the POTW's sludge cannot exceed 625 mg/kg. Since the calculated 1079.74 mg/kg is greater than this quantity, the more stringent Class I sludge disposal limit of 625 mg/kg must be used to calculate the allowable influent loading of copper.

$$L_{MAHL} = \frac{(8.34) (C_{SLCRIT}) (PS/100) (Q_{SLDG})}{R_{POTW}}$$

$$L_{MAHL} = \frac{(8.34) (625 \text{ mg/kg}) (75/100) (0.009 \text{ MGD})}{0.83}$$

$$L_{MAHL} = 4.24 \text{ lbs/day}$$

4. Determination of Controlling In-Plant Criteria

Reviewing the allowable influent or headworks loadings for each condition, it can be seen that the allowable influent loading for preventing anaerobic digester inhibition is the most stringent criteria, and therefore, is the controlling factor for developing a copper local limit.

<u>In-Plant Criteria</u>	<u>Allowable Loading</u>
Activated Sludge	111.2 lbs/day
Anaerobic Digestion	4.02 lbs/day
NPDES Permit	48.08 lbs/day
Water Quality Standard	60.83 lbs/day
Sludge Disposal	4.24 lbs/day

Allocation of Maximum Allowable Headworks Loading for Copper and Conversion to a Local Limit:

Allocation of the maximum allowable headworks loading calculated previously entails: (1) incorporation of a safety factor and subtraction of domestic/background wastewater loadings, and (2) allocation of the resulting maximum allowable industrial loading to industrial users. Four methods available for allocating allowable industrial loadings when derived are as follows:

- Uniform concentration method
- Industrial contributory flow method
- Mass proportion method
- Selected industrial reduction method.

1. Conversion of Maximum Allowable Headworks Loading to Maximum Allowable Industrial Loadings

This conversion entails: (1) incorporation of a safety factor, and (2) subtraction of the total pollutant loading from domestic/background sources. The domestic/background loading (L_{DOM}) depends on the specific allocation method chosen. In addition, if domestic pollutant levels appear as concentrations and have not yet been converted to loadings, this step must first be carried out using the formulas provided in Table 3 and illustrated below.

(a) Conversion of Domestic Concentrations to Loadings

(1) For Uniform Concentration Allocation Method:

$$L_{DOM} = (C_{DOM}) (Q_{DOM}) (8.34)$$

$$L_{DOM} = (0.03 \text{ mg/l}) (9.72 \text{ MGD}) (8.34)$$

$$L_{DOM} = 2.34 \text{ lbs/day}$$

(2) For Industrial User-Specific Allocation Methods (i.e., Industrial Contributory Flow and Mass Proportion Methods):

$$L_{DOM} = (C_{DOM}) (Q_{DOM} + Q_{UNREG}) (8.34)$$

$$L_{DOM} = (0.03 \text{ mg/l}) (9.72 \text{ MGD} + 0.2 \text{ MGD}) (8.34)$$

$$L_{DOM} = 2.48 \text{ lbs/day}$$

(b) Incorporation of Safety Factor and Subtraction of Domestic Loading

In this example, a safety factor of 20 percent will be applied.

- (1) For Uniform Concentration Methods:

$$L_{ALL} = (1 - SF) L_{MAHL} - L_{DOM}$$

$$L_{ALL} = (1 - 0.20) (4.02 \text{ lbs/day}) - 2.34 \text{ lbs/day}$$

$$L_{ALL} = 0.79 \text{ lbs/day}$$

- (2) For Industrial User Specific Allocation Methods:

$$L_{ALL} = (1 - SF) L_{MAHL} - L_{DOM}$$

$$L_{ALL} = (1 - 0.20) (4.02 \text{ lbs/day}) - 2.48 \text{ lbs/day}$$

$$L_{ALL} = 0.74 \text{ lbs/day}$$

2. Allocation of Maximum Allowable Industrial Loadings

- (a) Uniform Concentration Method

$$C_{LIM} = \frac{L_{ALL}}{(8.34) (Q_{IND})} = \frac{0.79 \text{ lbs/day}}{(8.34) (0.28 \text{ MGD})}$$

$$C_{LIM} = 0.34 \text{ mg/l}$$

- (b) Industrial Contributory Flow Method

$$C_{LIM} = \frac{L_{ALL}}{(8.34) (Q_{CONT})}$$

$$C_{LIM} = \frac{0.74 \text{ lbs/day}}{(8.34) (0.08 \text{ MGD})}$$

$$C_{LIM} = 1.11 \text{ mg/l}$$

- (c) Mass Proportion Method

- (1) Conversion of Industrial Concentrations to Loadings

$$L_{IND}(X) = (C_{IND}(X)) (Q_{IND}(X)) (8.34)$$

$$L_{IND}(1) = (7.0 \text{ mg/l}) (0.05 \text{ MGD}) (8.34)$$

$$L_{IND}(1) = 2.92 \text{ lbs/day}$$

$$L_{IND}(2) = (3.2 \text{ mg/l}) (0.03 \text{ MGD}) (8.34)$$

$$L_{IND}(2) = 0.80 \text{ lbs/day}$$

$$L_{IND}(3) = (0.007 \text{ mg/l}) (0.20 \text{ MGD}) (8.34)$$

$$L_{IND}(3) = 0.01 \text{ lbs/day}$$

$$L_{IND}(T) = 2.92 \text{ lbs/day} + 0.80 \text{ lbs/day} + 0.01 \text{ lbs/day}$$

$$L_{IND}(T) = 3.73 \text{ lbs/day}$$

(2) Calculation of Mass Proportion Limits

$$C_{LIM} = \frac{(L_{IND}(X)/L_{IND}(T))}{(8.34) (Q_{IND}(X))} * L_{ALL}$$

$$C_{LIM}(1) = \frac{(2.92 \text{ lbs/day})/(3.73 \text{ lbs/day})}{(8.34) (0.05 \text{ MGD})} * 0.74 \text{ lbs/day}$$

$$C_{LIM}(1) = 1.39 \text{ mg/l}$$

$$C_{LIM}(2) = \frac{(0.80 \text{ lbs/day})/(3.73 \text{ lbs/day})}{(8.34) (0.03 \text{ MGD})} * 0.74 \text{ lbs/day}$$

$$C_{LIM}(2) = 0.63 \text{ mg/l}$$

(d) Selected Industrial Reduction Method

According to the previous calculations, the total industrial loading of copper is 3.73 lbs/day, while the maximum allowable industrial loading is only 0.74 lbs/day. The required industrial loading reduction (the difference between the two quantities) is 2.98 lbs/day. The POTW may chose a concentration limit which is technological achievable as long as it can demonstrate that application of the limit will result in the minimum required industrial loading reduction of 2.98 lbs/day. In this example, a concentration limit of 1.0 mg/l is chosen as demonstrated below:

Industry #1:

At 1.0 mg/l, Industry #1's loading of copper is reduced to:

$$(8.34) (0.05 \text{ MGD}) (1.0 \text{ mg/l}) = 0.42 \text{ lbs/day}$$

The copper loading reduction effected by this limit would be:

$$2.92 \text{ lbs/day} - 0.42 \text{ lbs/day} = 2.50 \text{ lbs/day}$$

Industry #2:

At 1.0 mg/l, Industry #2's loading of copper is reduced to:

$$(8.34) (0.03 \text{ MGD}) (1.0 \text{ mg/L}) = 0.25 \text{ lbs/day}$$

The copper loading reduction effected by this limit would be:

$$0.80 \text{ lbs/day} - 0.25 \text{ lbs/day} = 0.55 \text{ lbs/day}$$

The combined copper loading reduction brought about by imposing a limit of 1.0 mg/l would be 3.05 lbs/day which exceeds the minimum required reduction of 2.98 lbs/day.

$$2.50 \text{ lbs/day} + 0.55 \text{ lbs/day} = 3.05 \text{ lbs/day}$$

For more information on the procedures for deriving maximum allowable influent of headworks loadings and for calculating local limits, the reader should refer to EPA's Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program.

TABLE 3. EQUATIONS FOR THE ALLOCATION OF MAXIMUM ALLOWABLE LOADINGS AND FOR THE DERIVATION OF LOCAL LIMITS

<u>Allocation</u>	<u>Equation*</u>
Conversion of Domestic Concentrations to Loadings:	
(For Uniform Concentration Method) or,	$L_{DOM} = (C_{DOM}) (Q_{DOM}) (8.34)$
(For IU Specific Allocation Methods)	$L_{DOM} = (C_{DOM}) (Q_{DOM} + Q_{UNREG}) (8.34)$
Conversion to Allowable Industrial Loading	$L_{ALL} = (1 - SF) L_{MAHL} - L_{DOM}$
Uniform Concentration Method	$C_{LIM} = \frac{L_{ALL}}{(8.34) (Q_{IND}(T))}$
Industrial Contributory Flow Method	$C_{LIM} = \frac{L_{ALL}}{(8.34) (Q_{CONT})}$
Mass Proportion Method	$C_{LIM} = \frac{(L_{IND}(X)/L_{IND}(T)) * L_{ALL}}{(8.34) (Q_{IND}(X))}$
Conversion of Industrial User Concentrations to Loadings (8.34)	$L_{IND}(X) = (C_{IND}(X)) (Q_{IND}(X))$

*where:

L_{DOM} - Domestic/background wastewater pollutant loading, lbs/day
(uniform concentration method)

or,

L_{DOM} - Domestic/unregulated wastewater pollutant loading, lbs/day
(industrial user specific methods)

C_{DOM} - Domestic Wastewater Concentration, mg/l

Q_{DOM} - Domestic Flow, MGD

8.34 - Unit Conversion Factor, lbs/day (mg/l) (MGD)

Q_{UNREG} - The sum of unregulated wastewater flows from industrial users contributing insignificant pollutant loadings

L_{ALL} - Maximum allowable industrial loading, lbs/day

SF - Safety factor, decimal

L_{MAHL} - Maximum allowable headworks loading, lbs/day

C_{LIM} - Calculated local limit, mg/l

$Q_{IND}(T)$ - Total industrial flow, MGD

Q_{CONT} - Industrial contributory flow, MGD

$L_{IND}(X)$ - Pollutant loading from industrial user (x), lbs/day

$L_{IND}(T)$ - Total industrial loading, lbs/day

$Q_{IND}(X)$ - Discharge flow from industrial user (x), MGD

$C_{IND}(X)$ - Pollutant concentration from industrial user (x), mg/l

APPENDIX C-2

- **FEDERAL WATER QUALITY CRITERIA**
- **STATES WITH NUMERIC WATER QUALITY STANDARDS**
- **PROPOSED 40 CFR 503 SLUDGE REGULATIONS**
- **STATES WITH NUMERIC AIR EMISSIONS STANDARDS FOR INCINERATORS**

Table C-1. Number of States with Approved Water Quality Standards

Pollutant	Fresh Water Standards	Marine Water Standards	Human Health Standards	Other Standards
Acenaphthene	7	2	13	1
Acrolein	6	2	16	0
Acrylonitrile	7	0	15	0
Benzene	10	3	20	0
Benzidine	10	0	21	0
Carbon Tetrachloride	9	3	20	0
Chlorobenzene	6	1	17	1
1,2,4-Trichlorobenzene	6	2	6	0
Hexachlorobenzene	5	1	18	0
1,2-Dichloroethane	9	3	20	0
1,1,1-Trichloroethane	8	3	19	0
Hexachloroethane	6	2	15	0
1,1,-Dichloroethane	1	0	1	0
1,1,2-Trichloroethane	8	1	17	0
1,1,2,2-Tetrachloroethane	9	3	17	0
Chloroethane	1	0	1	0
Bis (2-Chloroeth ^v) Ether	4	0	16	0
2-Chloro Vinyl Ether	4	0	2	0
2-Chloronaphthalene	3	1	1	0
2,4,6-Trichlorophenol	7	3	17	1

Table C-1. Number of States with Approved Water Quality Standards (continued)

Para-Chloro-Meta Cresol	7	2	22	1
Chloroform	9	2	21	0
2-Chlorophenol	11	2	15	1
1,2-Dichlorobenzene	7	2	17	0
1,3-Dichlorobenzene	7	2	18	0
1,4-Dichlorobenzene	7	2	19	0
3,3-Dichlorobenzidine	1	0	15	0
1,1-Dichloroethylene	8	3	19	0
1,2-Trans-Dichloroethylene	5	1	7	0
2,4-Dichlorophenol	11	1	17	1
1,2-Dichloropropane	6	2	2	0
1,2-Dichloropropylene	7	3	16	0
2,4-Dimethylphenol	6	0	10	1
2,4-Dinitrotoluene	6	2	14	0
2,6-Dinitrotoluene	7	2	3	0
1,2-Diphenylhydrazine	5	0	14	0
Ethylbenzene	9	3	17	0
Fluoranthene	7	2	15	0
4-Chlorophenyl Phenyl Ether	3	0	0	0
4-Bromophenyl Phenyl Ether	4	0	0	0
Bis (2-Chloroisopropyl) Ether	3	0	14	0
Bis (2-Chloroethoxy) Methane	3	0	0	0

Table C-1. Number of States with Approved Water Quality Standards (continued)

Methylene Chloride	7	2	16	0
Methyl Chloride	6	2	15	0
Methyl Bromide	5	1	14	0
Bromoform	4	2	19	0
Dichlorobromo- methane	4	1	19	0
Chlorodibromo- methane	4	1	17	0
Hexachlorocyclo- pentadiene	8	3	16	1
Hexachloro- butadiene	8	4	20	0
Isophorone	7	2	17	0
Naphthalene	7	2	3	0
Nitrobenzene	7	2	15	1
2-Nitrophenol	6	2	2	0
4-Nitrophenol	7	2	2	0
2,4-Dinitrophenol	7	3	14	0
4-6-Dinitro-O- Cresol	4	1	14	0
N-Nitrosodi- methylamine	5	1	15	0
N-Nitrosodi- phenylamine	6	1	14	0
N-Nitrosodi-N- Propylamine	4	1	7	0
Pentachlorophenol	27	12	18	1
Phenol	24	9	23	1
Bis (2-Ethyl- hexyl) Phthalate	12	3	15	0
Butyl Benzyl Phthalate	11	3	2	0
Di-N-Butyl Phthalate	11	3	15	0
Di-N-Octyl Phthalate	9	3	2	0

Table C-1. Number of States with Approved Water Quality Standards (continued)

Diethyl Phthalate	11	3	14	0
Dimethyl Phthalate	11	3	15	0
1,2-Benzanthracene	3	1	15	0
Benzo (a) Pyrene	2	1	16	0
3,4-Benzofluoranthene	2	1	15	0
11,12-Benzofluoranthene	2	1	15	0
Chrysene	2	1	15	0
Acenaphthylene	2	1	14	0
Anthracene	2	1	15	0
1,12-Benzoperylene	2	1	15	0
Fluorene	2	1	14	0
Phenanthrene	3	1	15	0
1,2,5,6-Dibenzanthracene	2	1	16	0
Indeno (1,2,3-CD) Pyrene	2	1	15	0
Pyrene	2	1	15	0
Tetrachloroethylene	9	3	19	0
Toluene	11	3	17	0
Trichloroethylene	9	3	20	0
Vinyl Chloride	0	0	19	0
Aldrin	39	21	24	2
Dieldrin	39	22	24	2
Chlorodane	38	20	22	2
4,4-DDT	37	21	26	4
4,4-DDE	11	6	10	2
4,4-DDD	12	7	10	2
Alpha-Endosulfan	36	20	18	0
Beta-Endosulfan	36	20	18	0

Table C-1. Number of States with Approved Water Quality Standards (continued)

Endosulfan Sulfate	22	13	13	0
Endrin	40	22	29	3
Endrin Aldehyde	13	7	10	1
Heptachlor	37	21	22	2
Heptachlor Epoxide	14	8	11	1
Alpha-BHC	7	3	15	0
Beta-BHC	7	3	15	0
Gamma-BHC (Lindane)	37	20	25	0
Delta-BHC	6	3	3	0
PCB-1242	38	21	24	5
PCB-1254	38	21	24	5
PCB-1221	38	21	24	5
PCB-1232	38	21	24	5
PCB-1248	38	21	24	5
PCB-1260	38	21	24	5
PCB-1016	38	21	24	5
Toxaphene	40	22	28	2
Antimony	8	1	16	0
Arsenic	37	19	33	6
Asbestos	0	0	9	0
Beryllium	14	2	17	3
Cadmium	37	18	33	5
Chromium	39	20	34	5
Copper	37	17	24	6
Cyanide, Total	38	19	27	2
Lead	36	19	33	4
Mercury	36	18	32	4
Nickel	32	18	17	4
Selenium	38	18	34	4
Silver	36	18	34	2

Table C-1. Number of States with Approved Water Quality Standards (continued)

Thallium	8	2	17	0
Zinc	39	19	24	5
Dioxin (2,3,7,8-TCDD)	5	0	18	0

Table C-2. Proposed Federal Pollutant Limits for Sewage Sludge Disposal (mg/kg - dry weight)

Pollutant	Land Application(1)	Distribution and Marketing(2)	Monofils		Surface Disposal	Incineration(5)
			(3)	(4)		
Aldrin	0.33	0.33-16				
Arsenic	36	14-700	0.20	24	36	•
Benzene			0.28	0.85	15	
Benzo(a) pyrene	6.9	1.5-80	99	250	99	
Beryllium						•
Bis(2-ethylhexyl) phthalate			4.5	1600	782	
Cadmium	380	18-900	0.040	9.6	385	•
Chlordane	24	450-22500	180		180	
Chromium	3100	530-26500				•
Copper	3300	46-2300	8.4		3300.3	
DDD, DDE, DDT (total)	0.11	0.92-46	0.95	51	0.95	
Dieldren	0.33	0.33-16				
Dimethyl nitro samine	1.4		0.0019	0.07	1.4	
Heptachlor	1.5	1.6-79				
Heptachlorobenzene	2.8	0.91-46				
Hexachlorobutadiene	6.8	820-41000				
Lead	1600	130-6000	0.35	530	1622	•
Lindane	92	5870-293500	2.3	75	2.3	

Table C-2. Proposed Federal Pollutant Limits for Sewage Sludge Disposal (mg/kg - dry weight) (continued)

Pollutant	Land Application(1)	Distribution and Marketing(2)	Monofils		Surface Disposal	Incineration(5)
			(3)	(4)		
Mercury	30	40-1990	0.0070	26	17	•
Molybdenum	230					
Nickel	990	76-3900	7.0		988	•
PCB	0.11	3-49	49	49	49	
Selenium	64	160-8106				
Toxaphene	0.97	2.3-117	0.5	1.63	0.5	
Trichloroethylene	180		2.4	7.4	181	
Total hydrocarbons						•
Zinc	8600	170-8600				

Source: U.S. Environmental Protection Agency, 1989. 40 CFR Parts 257 and 503, Standards for the Disposal of Sewage Sludge; Proposed Rule. Federal Register 54(23):5745-5902.

- (1) Nonagricultural land pollutant limits. Proposed limits for agricultural land, which are not listed in this table, are based on annual and cumulative pollutant loading rates.
- (2) Maximum concentration is based upon a schedule of annual whole sludge application rates ranging from 1 metric ton/hectare to 50 metric tons/hectare.
- (3) Monofils over class I ground water.
- (4) Monofils over class II/class III(1) and class III(3) ground water.
- (5) Limits are calculated based upon such factors as sewage sludge incinerator control efficiency, sewage sludge feed rate, and, in some cases, dispersion and risk specific concentration.

Table C-3. Summary of State Air Emissions Regulations

	Regulated Pollutant				Regulated Entity
	Particulates	Hg	Be	VOC	
AK	Y				Sludge incinerators
AL	Y				Any incinerator
AZ	Y				Sludge incinerators
CO	Y				Sludge incinerators
CT	Y	Y	Y		Sludge incinerators
DE	Y	Y	Y		Sludge incinerators
FL	Y				Sludge incinerators
GA	Y				Any incinerator
HI	Y			Y	Sludge incinerators
IA	Y				Sludge incinerators
ID	Y				Sludge incinerators
IN	Y				Sludge incinerators
KS	Y				Sludge incinerators
KY	Y	Y	Y		Sludge incinerators
LA	Y	Y	Y		Sludge incinerators
MA	Y				Sludge incinerators
MD	Y				Sludge incinerators
ME	Y				Sludge incinerators
MI	Y				Sludge incinerators
MO	Y				Sludge incinerators
MS	Y				Any incinerator
MT	Y				Sludge incinerators
NC	Y				Any incinerator
ND	Y	Y	Y		Any incinerator
NE	Y				Any incinerator
NJ	Y				Any source
NH	Y				Sludge incinerators
NV	Y				Sludge incinerators
NY	Y				Any incinerator
OH	Y				Sludge incinerators

Table C-3. Summary of State Air Emissions Regulations (continued)

	Regulated Pollutant				Regulated Entity
	Particulates	Hg	Be	VOC	
OK	Y	Y	Y		Any/sludge
PA	Y				Sludge incinerators
RI	Y				Sludge incinerators
SC	Y	Y	Y		Sludge incinerators
TN	Y				Any incinerator
TX	Y				Sludge incinerators
VA	Y				Any incinerator
VT	Y				Sludge incinerators
WA	Y				Any incinerator
WI	Y				Sludge incinerators
WV	Y				Any incinerator
Total	41	7	7	1	

Note: California not reported—individual regulations developed by Air Quality Boards within State.

Source: Bureau of National Affairs.

APPENDIX D

ASSUMPTIONS AND METHODOLOGIES SUPPORTING THE ANALYSIS OF REGULATORY OPTIONS FOR THE PRETREATMENT PROGRAM (CHAPTER 8)

APPENDIX D

OPTION 1.1 NEW CATEGORICAL STANDARDS/REVISION OF OTHERS

1.1.1 *Formulae*

- Estimated Compliance Costs (to industry) were determined by multiplying the estimated number of IUs by the estimated number of facilities that need to install pretreatment equipment by an estimated annualized cost of compliance (in 1985 dollars).
- Estimated Public Costs equals the number of guidelines multiplied by the average cost for developing a guideline.
- Expected Pollutant Reduction is calculated as estimated percent reduction from raw loadings.

1.1.2 *Assumptions, Data, and Calculations*

- The number of industrial categories undergoing review for new or the revision of old guidelines was described in the *Federal Register* on January 2, 1990. In total, 19 industrial categories are undergoing review.
- The total number of indirect dischargers in these industrial categories was 730,607 (rounded to 731,000). Information on the estimated number of indirect users and pollutant volumes in each industrial category came from the most recent preliminary data summaries or the 1986 Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works. Where information was unavailable, then the number of indirect users was taken from the *1986 Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works*.
- The assumption was made that 25 to 50 percent of the firms in each industrial category will need to retrofit to comply with the effluent guidelines. With this assumption, an estimated 182,720 to 365,500 IUs need retrofitting.
- Average annual compliance costs were derived from the available preliminary data summaries. Annual compliance costs include amortized investment costs, land costs, O&M costs, and monitoring costs. In total, annualized compliance costs were available for only 6 of the 19 industrial categories. Data for Hazardous Waste Treatment facilities were dropped because the high compliance cost associated with this industry was considered an outlier. Facilities in each industrial category were assumed to have annual compliance costs equal to the weighted average of per facility annualized compliance cost for those industries with known costs. The estimated weighted average compliance cost per facility is \$4,870 (1985 \$), annually. This number is driven by the compliance costs for the Machinery, Manufacturing, and Rebuilding industrial category, which comprises over 95 percent of the total indirect dischargers in the 19 industrial categories.
- The estimated annual compliance cost for all industrial categories ranges from \$880 million to \$1,700 million (1985 \$).
- The cost of developing an effluent guideline is extremely variable based on the complexity of the industry, number of potential options, and degree of sampling

necessary. An estimated cost for a single industrial category is in the range of \$8 million to \$12 million.

- It is estimated that loading reductions will range from 50 to 75 percent.

1.1.3 Sources

Economic Report to the President 1990.

Federal Register, Tuesday, January 2, 1990.

Shattuck, Arthur. Personal Communication. SAIC. October 17, 1990.

Strassler, Eric. Personal Communication. U.S. EPA, Industrial Technology Division. October 11, 1990.

U.S. EPA. *Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works*. Office of Water Regulations and Standards. EPA/530-SW-86-004. February 1986.

U.S. EPA. *Preliminary Data Summary for the Machinery and Manufacturing and Rebuilding Industry*. Office of Water Regulations and Standards. EPA/440/1-89/106. October 1989.

U.S. EPA. *Preliminary Data Summary for the Drum Reconditioning Industry*. Office of Water Regulations and Standards. EPA/440/1-89/101. September 1989.

U.S. EPA. *Preliminary Data Summary for the Industrial Laundries*. Office of Water Regulations and Standards. EPA/440/1-89/103. September 1989.

U.S. EPA. *Preliminary Data Summary for the Paint Formulating Point Source Category*. Office of Water Regulations and Standards. EPA/440/1-89/050. September 1989.

U.S. EPA. *Preliminary Data Summary for the Pharmaceutical Manufacturing Point Source Category*. Office of Water Regulations and Standards. EPA/440/1-89/084. September 1989.

U.S. EPA. *Preliminary Data Summary for the Hazardous Waste Treatment Industry*. Office of Water Regulations and Standards. EPA/440/1-89/100. September 1989.

U.S. EPA. *Preliminary Data Summary for the Transportation Equipment Cleaning Industry*. Office of Water Regulations and Standards. EPA/440/1-89/104. September 1989.

U.S. EPA. *Preliminary Data Summary for the Used Oil Reclamation and Re-Refining Industry*. Office of Water Regulations and Standards. EPA/440/1-89/014. September 1989.

U.S. EPA. *Preliminary Data Summary for the Hospitals Point Source Category*. Office of Water Regulations and Standards. EPA/440/1-89/060-n. September 1989.

U.S. EPA. *Preliminary Data Summary for the Solvent Recycling Industry*. Office of Water Regulations and Standards. EPA/440/1-89/102. September 1989.

OPTION 1.2 POLLUTION PREVENTION IN CATEGORICAL STANDARDS

1.2.1 Formula

- Pollution prevention techniques may possibly achieve greater removals than are currently required as a result of PSES. To do a BPJ assessment for each categorical industry is beyond the scope of this study effort. However, since the vast number of CIUs are metal finishers/electroplaters (roughly 10,500 of 12,000 CIUs), this industry was selected for BPJ assessment. In addition, BPJ assessment of the two categorical industries with the greatest mass of pounds discharge (equipment manufacturing and pharmaceuticals) was attempted.

1.2.2 Assumptions, Data, and Calculations

- Metal finishers/electroplaters continue to discharge (post-PSES), approximately 4.2 million pounds of toxic metals, cyanides, and organics. Many plants are already turning to "near" closed loop recycling because of more stringent and costly hazardous waste regulations, particularly the growing absence of landfill capacity. Therefore, it is estimated that up to 90 percent of post-PSES loads (3.8 million pounds) can be reduced.
- Of the roughly 74 million pounds of the metals, cyanides, and organics discharged post-PSES, the largest remaining categorical sources are pharmaceutical manufacturing (33.7 million pounds) and equipment manufacturing (17 million pounds). It is estimated that the pharmaceutical industry may be able to adopt pollution prevention techniques resulting in a 10 to 25 percent reduction (3.4 to 8.4 million pounds) and the equipment manufacturing industry may be able to adopt techniques resulting in a 25 to 50 percent reduction (4.25 to 8.5 million pounds).
- Therefore, total reduction is at least equal to the amount that can be gained through metal finishers plus pharmaceuticals plus equipment manufacturing (3.8 million + 3.4 million + 4.25 million = 11.65 million).
- Costs for developing a pollution prevention-based guideline will run an additional \$300,000 to \$500,000, largely due to survey design and analysis.

1.2.3 Sources

See Table 3-7.

Klingenstein, Mark. Personal Communication. SAIC. October 11, 1990.

Shattuck, Arthur. Personal Communication. SAIC. October 17, 1990

OPTION 1.3 NONDOMESTIC PRETREATMENT STANDARDS

1.3.1 Formula

- It is assumed that pollutants of interest would be those that are persistent in the environment. Therefore, formula involved adding pounds of such constituents as reported in TRIS. Pollutants of interest taken from Chapter 6 findings.

1.3.2 Assumptions, Data, and Calculations

- Definition of “persistent” as appears in Chapter 6 .
- Number of lbs as follows:

<u>constituent</u>	<u>millions of lbs</u>
chloroform	1.2
cyanide compounds	1.1
zinc	.8
1,1,1 trichloroethane	.3
copper	.3
nickel	.2
Ba, Mn, Pb, An	<u>.5</u>
	4.5 million (does not add due to rounding)

- Assume development costs would involve costs similar to conducting a major ecological study plus developing a major effluent limitations guideline. Cost of recent bioaccumulation study (focusing on pesticides and dioxins) was \$500,000 to \$750,000 and 5 to 6 workyears.
- Assume phased replacement of categorized standards as pollutant-specific standards take effect.

1.3.3 Sources

Chapter 3 TRIS results.

Chapter 6 data results.

Conversations with EPA personnel.

Kroner, Steven. Personal communication. EPA. October 16, 1990.

OPTION 1.4 ZERO DISCHARGE CATEGORICAL STANDARDS

1.4.1 Formulae

- Quantity of pollutants effected are taken from definition of persistent per Chapter 6 and summing TRIS quantities.
- No costs of developing a proscriptive option were developed.

1.4.2 Assumptions, Data, and Calculations

- Addition per those found in Section 1.3.2 of Appendix 8-1.

1.4.3 Sources

- See Section 1.3.3, above.

OPTION 1.5 DOMESTIC HAZARDOUS WASTE CONTROLS

1.5.1 Formula

- Estimated compliance costs to society were determined by multiplying the estimated per capita cost for operating household hazardous waste collection programs by the estimated population served by POTWs.

1.5.2 Assumptions, Data, and Calculations

- Programs are for household hazardous waste only (e.g., does not address small quantity generators).
- The cost of corrosion control in the water delivery system will result in controlling household hazardous waste, but this cost should not be attributed to pretreatment. The annualized cost for treating lead in the water delivery system ranges from an estimated \$471 million (1985 \$) to \$738 million (1985 \$).
- Number of public drinking water systems likely to require corrosion control: 39,787.
- Number of systems likely to require pipe replacement: 8,281.
- Number of systems serving more than 50,000 likely to require corrosion control: 485.
- Number of systems serving more than 50,000 likely to require pipe replacement: 228.
- Costs were measured on a per capita basis from a number of one-time collection events throughout the Nation and for a permanent facility in Fairfax County, VA. One-time collection program costs were developed from the U.S. EPA publication *A Survey of Household Hazardous Wastes and Related Collection Program*. Costs in this document ranged from \$1.25 per pound collected in Albuquerque, NM, to \$9.05 per pound collected in Fairfax County, VA. Hitesh Nigam of U.S. EPA estimated the costs to range between \$0.37 and \$1.10 per capita for one-time collection programs in Michigan, California, and Kentucky. These costs include salaries, overhead, transportation, contractor expenses, donated services, and advertisement costs.
- Annualized costs for running a permanent household hazardous program in Fairfax County was estimated to be \$0.72 per capita or \$2.40 to \$2.60 per pound of material collected. This includes salaries for four FTEs, overhead costs, disposal costs, transportation costs, and advertisement costs.
- All costs are in constant 1985 dollars.
- Data in populations served by pretreatment POTWs were taken from 1988 NEEDS Survey data file. The estimated per capita cost for operating a domestic hazardous waste collection program ranges from \$0.37 to \$1.10. Estimated annual compliance costs range from \$39.8 million to \$118.6 million. These costs include salaries, overhead, transportation, advertisement, education, and contractor expenses.

1.5.3 Sources

See Table 3-3.

Cromwell, John. Personal Communication. Wade Miller Associates. October 11, 1990.

Duncan, David. Personal Communication. Fairfax County Virginia Fire Department. October 6, 1990.

Galvin, David. Personal Communication. Seattle Metro Water Quality. October 4, 1990.

Nigam, Hitesh. Personal Communication. U.S. EPA Office of Municipal Pollution Control. October 4, 1990.

Seattle-King County. *Local Hazardous Waste Management Plan for Seattle-King County*. June 1988.

U.S. EPA. *A Survey of Household Hazardous Wastes and Related Collection Program*. Office of Solid Waste and Emergency Response. EPA/530-SW-86-038. October 1986.

U.S. EPA. NEEDS Survey. 1988.

OPTION 2.1 RESTRICT REMOVAL CREDITS AVAILABILITY TO BIODEGRADABLE POLLUTANTS

2.1.1 Formulae

- Identify cost of demonstrating removal credit eligibility by figuring cost of sampling/analyses by number of applications
- Identify cost savings not accrued by industry as a result of being ineligible for credits
- Identify Federal/State costs of reviewing removal credit applications.

2.1.2 Assumptions, Data, and Calculations

- In accordance with current regulations, 12 analyses (one per month) are required. Under this scenario, 30 (or roughly 2.5x more) would be required.
- No attempt was made to assess costs incurred by industry as a result of not receiving eligibility for nonbiodegradable pollutants.
- Load limits reviews and fundamentally different factor (FDF) variance reviews were considered to be similar to removal credit reviews. Local limits reviews range from 50 to 80 hours. FDF reviews average 150 hours.

2.1.3 Sources

- None.

OPTION 2.2 REQUIRE MORE RIGOROUS TESTING FOR REMOVAL CREDITS

2.2.1 *Formulae*

- See Section 2.1.1, above.

2.2.2 *Assumptions, Data, and Calculations*

- As in Section 2.1.2 except, if non-biodegradable pollutants were eligible, sampling of aeration basins, headworks, and sludges would need to be accomplished. Actual costs depend on the pollutants for which credits are sought.

2.2.3 *Sources*

- None.

OPTIONS

2.3 ESTABLISH MANDATORY LOCAL LIMITS PROCEDURES

2.4 MANDATE THAT LOCAL LIMITS BE DEVELOPED TO MEET ALL APPLICABLE ENVIRONMENTAL CRITERIA

2.3.1 and 2.4.1 *Formula*

- Identify costs of local limits development for the 10 EPA recommended pollutants of concern (Cd, Cr, Cu, Pb, Ni, Zn, As, CN, Hg, and Ag). Costs will include both manual and computer calculations. To be figured as the number of POTWs times the cost to develop limits.

2.3.2 and 2.4.2 *Assumptions, Data, and Calculations*

- Alternative 2.3 would codify EPA's *Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program*. The cost estimate for alternative 2.4 assumes that the methodology in the local limits guidance is used. Therefore, the cost should be the same.
- All sampling and analysis costs are not included in this alternative. These costs are identified in alternatives 2.2, 4.1, 4.2, and 4.3.
- It is assumed that there are 5 to 10 permitted users.
- It is assumed that the POTW will develop a detailed submission that documents, in detail, the local limits development process.
- For the costs identified for computer calculations, it is assumed that POTWs will have a computer available and that PRELIM (an EPA program used in the local limits development process) is used.

- The cost per hour of labor is assumed to be \$50.00.
- It is assumed that all POTWs will be developing local limits. The number of pretreatment POTWs is 2,087. It is assumed that 33 percent have defensible programs now.
- It is assumed that the POTWs will use the following criteria: NPDES limits, water quality, sludge disposal, process inhibition values, air emissions, and worker health and safety.

- Development of limits (hand calculations)

- Data collection and organization 24 hrs
- Removal efficiency calculations 12 hrs
- Mass balance 8 hrs
- Allowable headworks calculations 24 hrs
- Allocation of headworks loadings 16 hrs
- Development of submission 60 hrs
- Review of submission 50 hrs

TOTAL 194 HRS * \$50.00 * 2,087 =20,243,900
x .67 = \$13.7 million

- Development of limits (PRELIM¹ calculations)

- Data collection and organization 24 hrs
- Data input 16 hrs
- Hand calculation for worker health and safety criteria 16 hrs
- Output review 16 hrs
- Development of submission 40 hrs
- Review of submission 50 hrs

TOTAL 162 HRS * \$50.00 * 2,087 =\$16,904,700
x .67 = \$10 million

- Review process involves 50 to 80 professional hours dependent on complexity of analysis.
- No credit given for POTWs currently accomplishing some but not all tasks.
- Assume adding multimedia endpoints does not result in more than 25 percent increase in development costs.
- Assume 3-year rulemaking effort with 0.75 FTE per year.

¹PRELIM calculates the following for all criteria:

- Removal efficiencies (both average daily and decile)
- Allowable headworks loadings
- Allocation of loadings using all 4 methods
- Mass balance.

2.3.3 Sources

Keefe, Laurie, and Hair, David. Personal Communication. SAIC. October 12, 1990.

OPTION 3.1 PROMULGATE ENVIRONMENTAL CRITERIA FOR ALL MEDIA ENDPOINTS

No additional costs were presumed for this option. EPA and the States are currently incurring such costs in furtherance of programmatic objectives.

OPTION 3.2 REQUIRE INCLUSION OF TOXIC LIMITS IN PERMITS FOR ALL PRETREATMENT POTWS, COVERING AIR, WATER, AND SLUDGE WASTESTREAMS

3.2.1 Formula

- The estimate is derived by multiplying the number of permits needed by the cost of developing a permit with toxic limits. No compliance costs are provided.

3.2.2 Assumptions, Data, and Calculations

- All pretreatment POTWs need toxic limits.
- The average cost of developing and implementing a permit with toxic limits ranges from \$10,000 to \$15,000, with an average estimate of nearly \$14,000. This presumes that the only additional costs are associated with inserting toxic limits and running the wasteload allocation model. It is assumed that all data are available to run the models. It is also presumed that the models are available. It is based on an EPA estimate that water quality-based permits are written in 60 days (1). It is assumed that there are 260 workdays in a workyear. Sixty days represents 23 percent of a workyear. Using an estimated \$60,000 workyear, the cost of a permit is \$13,800.
- 2,087 pretreatment POTWs * \$10,000/permit = \$20.9 million
2,087 pretreatment POTWs * \$15,000/permit = \$31.3 million
- Wasteload allocations vary in cost. The cost of a dilution analysis is negligible. Single discharge situations involve costs of 6 to 22 workweeks. More complex, multidischarger sampling runs from 15 workweeks to 5 workyears.
- Sludge permitting involves negligible costs.

3.2.3 Source

Kramer, Ed. Personal Communication. EPA. October 12, 1990.

Biswas, Hiranmay. Personal Communication. EPA. October 16, 1990.

Charles, Mark. Personal Communication. SAIC. October 18, 1990

OPTION 3.3 REQUIRE CORRECTIVE ACTION AT POTWS WHERE ENVIRONMENTAL MONITORING REVEALS RELEASES AND/OR CONTAMINATION

3.3.1 Formulae

- POTW Costs: Under RCRA Subtitle C, EPA has proposed, and will promulgate, rules governing the cleanup of hazardous wastes and hazardous constituents at

treatment, storage, and disposal facilities. Cleanup of all media may be required by Agency/State authorities. The cost of corrective action to the POTW authority is calculated as the number of facilities where corrective action may be expected multiplied by the average cost of cleanup.

- **Costs to Permitting Authorities:** The cost to the Federal and State permitting authorities is calculated as the cost of conducting an initial assessment and the oversight of the POTWs actions.

3.3.2 Assumptions, Data, and Calculations

- The cost of corrective action can be expected to vary widely depending on a number of factors, including location, operational efficiency, and plant age. There is no source for a cost estimate.
- Costs to the Federal/State permitting authorities are as follows:
 - All plants will need to undergo an initial assessment. This will run approximately \$8,000 to \$12,000 per assessment or 2,087 plants times \$10,000 = \$20 million.

3.3.3 Source

Lai, Larry. Personal Communication. SAIC. October 11, 1990.

ALTERNATIVE 4.1 SIGNIFICANT INDUSTRIAL USER (SIU) MONITORING

4.1.1 Formula

- The basic formula for identifying the costs of this alternative to the regulated community is the number of significant industrial users multiplied by the cost of the prescribed test multiplied by the number of tests annually. Subtract from this the amount of sampling currently done by SIUs.
- The basic formula for identifying public costs is to identify the number of workdays associated with reviewing test results and multiply that number by the number of tests to review.

4.1.2 Assumptions, Data, and Calculations

Assumptions and Data

- There are at least 30,000 SIUs.
- The number of tests annually is assumed to be two in accord with the assumptions appearing on Table 8-6.
- It is assumed that effluent analytical costs will run from \$200-\$1,100 per analytical event. The low cost assumes only metals will be analyzed. The high cost assumes that metals, base/neutral/acids (BNA), volatile organics, and pesticides will all be analyzed at a commercial lab. The median cost of each analytical test was chosen to develop the average estimate provided here. All costs assume one sample and a 21-day turnaround.

- Sampling costs, assuming use of nonplant personnel, are on the order of \$150 (metals)-\$350 (full scan) per composite sample, assuming 8 hours to take up and take down.
- Cost quotes for Pennsky-Martin closed cup analysis ranged from \$30 to \$75, with \$45 as an average.
- Assumption is that SIUs currently sample for metals twice annually.
- Assume (best professional judgment) that no more than 2 hours are spent per review (effluent) and 4 hours per review (toxicity) and that there are 2,080 workhours per year. Cost of loaded workyear is \$50,000. Cost for whole effluent toxicity review is likely to involve aquatic toxicologist; assume \$45 per hour fee rate.

Calculations

- Effluent sampling:

Effluent sampling/low estimate: 30,000 SIUs * 2 additional sampling events and analyses per year * \$350/event = \$21 million.

Effluent sampling/high estimate: 30,000 SIUs * 4 events * \$1,450 = \$174 million. The high estimate then needs to be adjusted to reflect the twice annual event of metals testing that is assumed to be typical today. Thus, \$174 million to \$21 million = \$153 million.

Effluent sampling best estimate is 60 percent; will do low cost, 40 percent high cost for a total of: (.6 * \$21 million) + (.4 * \$153 million) = \$12.6 million + \$61.2 million = \$73.8 million.

- Closed cup analysis:

Closed cup analysis: 30,000 SIUs * 2 events * \$45/test = \$2.7 million.

- Whole effluent toxicity tests:

Whole effluent toxicity test for determining 24-hour LC50 for an organism, per test: \$200.

Battery of standard tests. Acute test, 48 hours, two organisms: \$750.

Battery of standard tests. Chronic test, 7-8 days, two organisms: \$1,200.

Assume 30,000 SIU times two tests annually times two 24-hour LC50s annually or 30,000 * 2 * \$200 = \$12 million. Assume (high estimate) 30,000 * 2 * \$1,200 = \$72 million.

- Effluent sampling:

Effluent results review: From above, an additional (low estimate) 60,000 records to (high estimate) 120,000 records to review. Therefore, 120,000 to 240,000 workhours or 57.7 to 115 workyears. At \$50,000 per (loaded) workyear, total estimated cost works out to \$2.9 to \$5.8 million. It is likely that this will be part of a permit processing or annual fee.

- Effluent toxicity:

Effluent toxicity review: From more than 60,000 to 120,000 records to review. Therefore, 240,000 to 480,000 workhours or 115 to 230 workyears. At \$93,000 per (loaded) workyear, total estimated cost works out to \$10.8 to 21.5 million.

4.1.3 Sources

Chapter 3.

Costs for each type of analysis were gathered from three commercial labs during October 1990.

Costs for whole effluent toxicity tests/review gathered from a single aquatic toxicology lab during October 1990.

OPTION 4.2 POTW WASTESTREAM MONITORING

4.2.1 Formula

- Identify costs that POTWs will incur for monthly influent, effluent, and sludge sampling. To be figured as number of POTWs times number of tests times cost per test.
- Identify costs that POTWs will incur for quarterly toxicity testing. To be figured as number of POTWs times number of tests times cost/test.

4.2.2 Assumptions, Data, and Calculations

- Influent and effluent analytical costs will run from \$200 to \$1,100 per analytical event. The low cost assumes only metals will be analyzed. The high cost assumes that metals, base/neutral/acids (BNA), volatile organics, and pesticides will all be analyzed at a commercial lab. The median cost of each analytical test was chosen to develop the average estimate provided here. All costs assume one sample and a 21-day turnaround.
- Cost of sludge analysis, full priority pollutant scan, is approximately \$1,400. Assume sampling is conducted by POTW personnel involving 4 workhours at \$50/hour loaded rate. Four hours * \$50/hour = \$200.
- Sampling costs, assuming use of nonplant personnel, are on the order of \$150 (metals)-\$350 (full scan per composite sample, assuming 8 hours to take up and take down). However, it is assumed that unlike IUs, POTWs will likely conduct their own sampling events. Therefore, assuming a commercial laboratory's profit margin is 10 percent, the \$150 to \$350 estimate was deflated by that percentage, thereby yielding a cost of \$135 to \$315 per sampling event.
- It is assumed that all POTWs will be conducting these tests at this frequency as a result of this alternative. Study results indicate that relatively few POTWs are engaged in conducting such extensive sampling and analysis at this time. The number of pretreatment POTWs is 2,087 (Table 1-2).

- Costs for whole effluent toxicity test for determining 24-hour LC50 for an organism, per test: \$200. Battery of standard tests. Acute test, 48 hours, two organisms: \$750. Battery of standard tests. Chronic test, 7-8 day, two organisms: \$1,200.
- Calculations:
 - Sludge analysis: $2,087 \text{ POTWs} * 12 \text{ monthly tests} * (\$1,400/\text{test} + \$200/\text{per sampling event}) = \40 million.
 - Effluent/influent analysis (assuming full priority scans): $2,087 \text{ POTWs} * 12 \text{ monthly tests} * (1 \text{ effluent} + 1 \text{ influent}) * (\$1,100 \text{ per analytical event} + \$315) = \$70.9 \text{ million.}$
 - Effluent/influent analysis (assuming metals only): $2,087 \text{ POTWs} * 12 \text{ monthly tests} * (1 \text{ effluent} + 1 \text{ influent}) * (\$200 \text{ per analytical event} + \$135 \text{ per sampling event}) = \16.8 million.
 - Effluent toxicity analysis (assuming 24 hours, 1 species): $2,087 \text{ POTWs} * 4 \text{ quarterly tests} * \$200 = \$1.67 \text{ million.}$
 - Effluent toxicity analysis (assuming battery of chronic tests): $2,087 \text{ POTWs} * 4 \text{ quarterly tests} * \$1,200 = \$10 \text{ million.}$

4.2.3 Sources

See sources for option 4.1.

OPTION 4.3 POTW AMBIENT MONITORING

4.3.1 Formula

- The cost of ambient analyses (sediment, biological, and air quality) are provided by multiplying (ranges of) unit costs by the number of pretreatment POTWs.

4.3.2 Assumptions, Data, and Calculations

- Instream Biological Monitoring:

The State of Ohio estimates that instream monitoring at 100 reference sites involving sampling fish and macroinvertebrates involves 3 workyears and \$60,000 in “non-payroll” costs or .03 workyear and \$590 per site. Actual costs vary across sites based on site-specific conditions. Assuming at \$50,000 loaded workyear cost, the total workyear cost is \$1,500 per site.

There are 2,087 pretreatment POTWs.

Total cost of biological monitoring is $2,087 \text{ POTWs} * 4 \text{ seasonal tests per POTW} * (\$1,500 + \$590) = \17.4 million.

- Air Monitoring

The basic formula for identifying the costs of this alternative is the number of POTWs multiplied by the cost of the prescribed number of tests annually.

The basic formula for identifying State/EPA costs is to identify the number of workdays associated with reviewing test results and multiply that number of tests to review.

The number of tests performed annually is assumed to be four in accord with the assumptions appearing on Table 8-6.

It is assumed that the sampling and analysis costs will be \$8,300 to 13,000 per test event, including the costs associated with field, trip, and lab blank analysis in accordance with EPA method QA/QC guidelines. The range is due to variable laboratory analytical costs and travel costs for sampling contractors, since it is unlikely that the sampling would be done by POTW staff. All costs assume that the analysis turnaround is consistent with EPA sample shelf-life criteria. Duplicate samples will be collected at the headworks (two samples total), as well as upwind and downwind of the aeration basin (four samples total). Composite 8-hour samples will be taken at all locations. All sampling will be conducted simultaneously. Costs are apportioned between headworks and aeration basin at 1:2 ratio based on the number of samples taken at each location.

Assume (best professional judgment) that no more than 12 hours is spent per review and that there are 2,080 workhours per year. Cost of loaded workyear is \$50,000. Review costs are apportioned between the headworks and aeration basin in the same manner as sampling and analysis costs. Review costs: 2,087 POTWs * (4 tests per year x 12 hours per review) * (\$24/hour) = \$2.4 million.

Headworks

Sampling and analysis low estimate: $2,087 * 4 * (\$8,300 * 1/3) = \22.87 million.

Sampling and analysis high estimate: $2,087 * 4 * (\$13,000 * 1/3) = \35.8 million.

Aeration Basin

Sampling and analysis low estimate: $2,087 * 4 * (\$8,300 * 2/3) = \46.4 .

Sampling and analysis high estimate: $2,087 * 4 * (\$13,000 * 2/3) = \72.7 million.

- Sediment Monitoring
- Ground-water Monitoring

Assume minimal RCRA ground-water monitoring requirements of four wells. Assume each is 40-foot well, PVC casing, 10-foot screens. Four wells at \$1,900/per well=\$7,600. Other well development at location costs another \$4,800, for a total of \$12,400. Maximum estimate assumes that no POTWs have such well installations today. Minimum estimate assumes all do. Maximum is more reasonable.

One round of sampling and analysis involves sampling and analyzing four wells. Two samples at 16 hours at \$50/hour yields \$1,600. Materials and sampling visit involve another \$2,400. Annual analytical costs for one round are \$5,100. This totals to \$9,100.

Total cost of ground-water monitoring is 2,087 POTWs.

4.3.3 Sources

"Surface Water Monitoring Program Guidance," Draft, September 1990.

Stewart, Robert. Personal Communication. SAIC. October 12, 1990.

Van Giesen, Joseph. Personal Communication. SAIC. October 12, 1990.

GLOSSARY

Acclimated - A term introduced in the Domestic Sewage Study to characterize removals achieved by activated sludge treatment plants that have a consistent influent wastewater feed of each pollutant at 500 parts per billion.

Activated Sludge Process - A (secondary) biological treatment process consisting of an aeration tank(s) where oxygen is supplied to maintain dissolved oxygen levels, followed by a clarifier that provides for the removal of solids.

Allowable Headworks Loading - The maximum pollutant loading that may be received at the headworks of a specific treatment works calculated to ensure the prevention of interference or pass through from that pollutant.

Approval Authority - The regulatory agency (the Director in an NPDES State with an approved State pretreatment program and the appropriate Regional Administrator in a non-NPDES State or without an approved State pretreatment program) that is responsible for overseeing and enforcing the development and implementation of the POTW's local pretreatment program. (40 *CFR* 403.3[c])

Approved Pretreatment Program - A program administered by a POTW that meets the criteria established in the General Pretreatment Regulations and that has been approved by the approval authority. (40 *CFR* 403.3 [d])

Baseline Monitoring Report (BMR) - A report submitted by categorical industrial users within 180 days after the effective date of an applicable categorical standard indicating the compliance status of the user with the categorical standard. (40 *CFR* 403.129[b])

Best Available Technology (BAT) - A level of technology represented by a higher level of wastewater treatment technology than required by Best Practicable Technology (BPT). BAT is based on the best (state of the art) control and treatment measures that have been developed or are capable of being developed within the appropriate industrial category.

Biochemical Oxygen Demand (BOD) - The rate at which microorganisms use the oxygen in water or wastewater while stabilizing decomposable organic matter under aerobic conditions. BOD measurements are used as a measure of the organic strength of wastewater.

Categorical Industrial User - An industrial facility subject to regulation by a national categorical pretreatment standard established by EPA.

Categorical Standards - Pollutant discharge standards that apply to users in specific industrial categories determined to be the most significant sources of toxic pollutants discharged to the Nation's treatment works. These standards are based on the best technology available to treat the pollutants of concern resulting from the regulated processes. Categorical pretreatment standards are published by industrial category, each as a separate regulation. All firms regulated by a particular category are required to comply with these standards, regardless of where they are located in the United States.

Chemical Abstracts Services - A registry of over 10 million different chemical substances.

Clarifier - A wastewater treatment unit designed to remove settleable solids.

Comminuters - Devices used to cut wastewater solids to a width of 1/4 to 3/4 inches without removing them from the wastewater.

Conservative Pollutants - Pollutants that are not biodegraded or volatilized at a wastewater treatment works.

Control Authority - A POTW with an approved POTW pretreatment program, or the approval authority if the POTW does not have an approved POTW pretreatment program. (40 *CFR* 403.12[a])

Conventional Pollutants - Biochemical oxygen demand, total suspended solids, fecal coliform, pH, and oil and grease.

Decile - Each of the 10 equal divisions of an ordered number set. (Ten percent of the values lies within each division.)

Domestic Sewage Study (DSS) (*Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works [February 1986]*) - This report evaluated the impacts of waste discharged to POTWs as a result of the Domestic Sewage Exclusion.

Environmental Protection Agency (EPA) - A regulatory agency established by the U.S. Congress to administer the Nation's environmental laws. (Section 122.2 of the Clean Water Act)

Fundamentally Different Factor (FDF) Variances - A modification of a categorical pretreatment standard that may be granted by EPA when an industry or interested party demonstrates that factors exist in its process that were not considered in the development of the standard. (40 *CFR* 403.13).

40-POTW Study - Also known as *The Fate of Priority Pollutants in Publicly Owned Treatment Works* (EPA 440/1-82/303) September 1982.

47-POTW Study - A data base compiled for this report by EPA from readily available information on pollutant removals at 47 POTWs.

GAGE Survey - A file containing data on river flows organized by STORET reach and segment.

Grit Chamber - A wastewater treatment unit designed to remove inert solids from wastewater based on differential settling rates of the wastewater solids and the flow and velocity of the wastewater.

Hazardous Waste - Section 1004(5) of the Resource Conservation and Recovery Act (RCRA) defines hazardous waste as "a solid waste, or combination of solid wastes, which, because of its quantity, concentration, or physical, chemical, or infectious characteristics, may:

- (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating irreversible, illness; or
- (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed." (40 *CFR* 261.3)

Hazardous Waste Data Management System (HWDMS) - A data base maintained by the Office of Solid Waste to track the permit, compliance, and enforcement status of RCRA hazardous waste handlers. The data base contains information for more than 90,000 facilities, which are classified as hazardous waste generators; transporters; treatment, storage, and/or disposal (TSD) facilities; or nonregulated facilities.

Hydraulic Detention Time - The hydraulic detention time of a particular vessel at a particular flow may be defined as the flow per unit time divided by the volume of the vessel.

Indirect Discharge - The introduction of pollutants from any nondomestic source into a POTW. (40 *CFR* 403.3[g])

Industrial User - An industrial user is any source of indirect discharge. (40 *CFR* 403.3 [u])

Interference - A discharge which, alone or in conjunction with a discharge or discharges from other sources, both:

- (A) Inhibits or disrupts the POTW, its treatment process or operations, or its sludge processes, use or disposal; and
- (B) Therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent State or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including State regulations contained in any State sludge management plan prepared pursuant to Subtitle D of SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act. (40 *CFR* 403.3[i]).

Lagoons/Stabilization Ponds - Simple basins commonly surrounded by earthen dikes that provide treatment for wastewater through settling and stabilization.

Local Limits - National pollutant discharge limits developed and enforced by the POTW for specific pollutants of concern to its system to ensure compliance with the prohibited discharge standards. (40 *CFR* 403.5[c])

Municipal Industrial Strategy for Abatement (MISA) Study - A study of 37 Canadian POTWs conducted to provide POTW influent and effluent monitoring data to support the development of monitoring regulations.

National Pollutant Discharge Elimination System (NPDES) - The national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318, and 405 of CWA. (Section 122.2)

National Pretreatment Program - The program administered and implemented by EPA (and approved States) as a subset of the National Pollutant Discharge Elimination System

(NPDES) program to control discharges of pollutants by industrial and commercial facilities to POTWs.

National Pretreatment Standard - Any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307 of the Clean Water Act, which applies to industrial users. This term includes prohibited discharge standards, categorical standards, and local limits. (40 *CFR* 403.3 [j])

National Sewage Sludge Study (NSSS) - A study conducted in 1988 that included sampling visits to a variety of POTWs. Sewage sludge samples were collected after final processing in an effort to identify the presence and level of toxic pollutants contained in municipal sewage sludge.

NEEDS 1988 - An access data base from the biennial NEEDS Survey to estimate the cost of construction needed by U.S. POTWs.

NEEDS Survey - A biannual assessment of the total cost to the Nation of bringing all facilities into compliance with the goal of the Clean Water Act to provide a minimum of secondary wastewater treatment.

NRDC Consent Decree - A settlement agreement that ended litigation over the toxics control provisions of the 1972 Federal Water Pollution Control Act (FWPCA) Amendments ([*NRDC v. Train*, 8ERC2120 [D.D.C. 1976], modified March 1979, October 1982, August 1983, January 1984, July 1984, and January 1985). This agreement required EPA to promulgate technology-based standards addressing 65 compounds or classes of compounds for 21 industrial categories. This list of toxic pollutants was adopted by Congress in the 1977 Clean Water Act Amendments.

Pass Through - A discharge that exits the POTW into waters of the United States in quantities or concentrations that, alone or in conjunction with a discharge or discharges from other sources, causes a violation of any requirement of the POTW's NPDES permit, including an increase in the magnitude or duration of the violation. (40 *CFR* 403.3[n])

Permit Compliance System (PCS) - A data base used to track information for all NPDES permitted facilities. This information includes facility data, discharge data, compliance schedule requirements, enforcement activities, and compliance status. A subset of this system, the Pretreatment Program Enforcement Tracking System (PPETS), tracks pretreatment program implementation information for all municipal facilities with approved pretreatment programs.

PRELIM - An EPA computer software system designed to assist POTWs in developing technically based local limits.

Pretreatment - The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollutants into a POTW. The reduction or alteration may be obtained by physical, chemical, or biological processes, process changes, or by other means, except that dilution may not be used to substitute for treatment. Appropriate pretreatment technology includes control equipment, such as equalization tanks or facilities, for protection against surges or slug loadings that might interfere with or otherwise be incompatible with the POTW. (40 *CFR* 403.3[q])

Pretreatment Audit Summary System (PASS) - An EPA data base designed specifically to track information obtained during EPA and/or State audits and inspections of local pretreatment programs.

Pretreatment Implementation Review Task Force (PIRT) - A task force established by EPA in 1984 to review the implementation status of the National Pretreatment Program and to provide the Agency with recommendations for improving the program.

Pretreatment Standards for Existing Sources (PSES) - Categorical standards and requirements applicable to industrial sources that began construction prior to the publication of the proposed pretreatment standards for that industrial category. (See individual categorical standards in 40 *CFR* Parts 405-471 for specific dates.)

Primary Treatment - The removal of wastewater solids through sedimentation.

Priority Pollutant - A list of pollutants originally developed during negotiations between the National Resources Defense Council (NRDC) and EPA and incorporated as a part of a settlement agreement that ended litigation over the toxics control provisions of the 1972 Federal Water Pollution Control Act (FWPCA) Amendments (*NRDC v. Train*, 8ERC2120 [D.D.C. 1976], modified, March 1979, October 1982, August 1983, January 1984, and January 1985). The settlement agreement is commonly referred to as the "NRDC Consent Decree." This list, containing 65 compounds or classes of compounds, including 129 toxic pollutants (and subsequently amended to 126 pollutants), was adopted by Congress in the 1977 Clean Water Act Amendments. (40 *CFR* 403, Appendix B)

Prohibited Discharge Standards - Discharge standards established by EPA, including general and specific prohibitions. The **general prohibitions** prohibit pass through and interference. The **specific prohibitions** are intended to protect the treatment works and its operations by prohibiting the discharge of pollutants that will interfere with or pass through the treatment works. In particular, they prohibit pollutants that:

- (A) Create a fire or explosion hazard in the sewers or treatment works, specifically including those with a closed-cup flashpoint of greater than 140°F (60°C)
- (B) Are corrosive (with a pH lower than 5.0)
- (C) Are solid or viscous in amounts that will cause obstruction to the flow to and/or in the treatment works, resulting in interference
- (D) Are petroleum oil, nonbiodegradable cutting oil, or mineral oil products in amounts that will cause interference or pass through
- (E) Have a flow rate or concentration that will cause interference
- (F) Increase the temperature of the wastewater entering the treatment works to greater than 104°F (40°C)
- (G) Have a fume toxicity in a quantity that may cause acute worker health and safety problems. (40 *CFR* 403.5)

Publicly Owned Treatment Works (POTW) - A treatment works, as defined by Section 212 of the Clean Water Act, that is owned by a State or municipality (as defined by Section 501[4] of the Act). This definition includes any devices and systems used in the storage,

treatment, recycling, and reclamation of municipal sewage or industrial wastes of a liquid nature. It also includes sewers, pipes, and other conveyances only if they convey wastewater to a POTW treatment plant. The term also means the municipality as defined in Section 502(4) of the Act, which has jurisdiction over the indirect discharges and discharges from such a treatment works. (Section 403.3[o])

Removal - The amount by which a pollutant in the influent of the treatment works is reduced by the treatment processes prior to its discharge by the treatment works. (403.7[a][i])

Removal Credit - A revision to a discharge limit for an industrial user subject to a categorical pretreatment standard for a particular pollutant discharged to a particular treatment works based on that treatment works ability to remove the pollutant to a degree significantly greater than that considered in the development of the standard. The POTW must apply to the approval authority for authorization to grant a removal credit to its affected industrial users. Such authorization will only be granted where the POTW can demonstrate that the revised discharge limit will not endanger its compliance with all applicable requirements, including water quality standards, NPDES permit conditions, and sludge reuse and/or disposal requirements. (40 *CFR* 403.7)

Reportable Non-Compliance (RNC) - Criteria developed by OWEF that are used to evaluate local program implementation and that provide the framework for the definition of reportable noncompliance. The criteria should be used by EPA Regions and approved States to report POTW noncompliance with pretreatment requirements on the QNCR (Quarterly Noncompliance Report). The criteria are:

- POTW establishment of insignificant user control mechanisms
- POTW compliance monitoring and inspections
- POTW enforcement or pretreatment standards and reporting requirements
- POTW reporting to the approval authority
- Other POTW implementation requirements.

Screening - A preliminary wastewater treatment unit found at or near the headworks of the treatment works that consists of parallel bars or gratings with uniform spacing designed to remove larger debris and solids from the wastewater.

Secondary Sedimentation - A function of the secondary clarifier that is designed to remove the biomass from the wastestream, thereby allowing for recycling and wasting of solids.

Secondary Treatment - Treatment processes, including activated sludge, trickling filters, and lagoon systems, that are designed to break down pollutants in the wastewater through biochemical processes. The level of treatment required for secondary treatment is defined in 40 *CFR* Part 133.

Significant Industrial User (SIU) - Any industrial user that meets any of the following criteria:

- (A) Is subject to categorical pretreatment standards

- (B) Discharges an average of 25,000 gallons or more per day of process wastewater to the treatment works
- (C) Contributes a process wastestream that makes up 5 percent or more of the hydraulic or organic capacity of the treatment works
- (D) Is determined by the POTW to have a reasonable potential for adversely affecting the treatment works' operation or for violating any pretreatment standard or requirement. (40 *CFR* 403.3[t])

Significant Non-Compliance (SNC) - Criteria used by control and approval authorities to identify important violations and/or patterns of noncompliance. These criteria are used to establish enforcement priorities and comply with special reporting requirements. An industrial user is in significant non-compliance if its violation meets one or more of the following criteria: (A) Chronic violations of wastewater discharge limits, defined here as those in which 66 percent or more of all of the measurements taken during a 6-month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant parameter; (B) Technical Review Criteria (TRC) violations, defined here as those in which 33 percent or more of all of the measurements for each pollutant parameter taken during a 6-month period equal or exceed the product of the daily maximum limit or the average limit multiplied by the applicable TRC; (C) Any other violation of a pretreatment effluent limit (daily maximum or longer term average) that the Control Authority determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of the POTW personnel or the general public); (D) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare, or to the environment or has resulted in the POTW's exercise of its emergency authority under paragraph (f)(1)(vi)(B) of this section to halt or prevent such a discharge; (E) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance; (F) Failure to provide, within 30 days after the due date, required reports, such as baseline monitoring reports, periodic self-monitoring reports, and reports on compliance with compliance schedules; (G) Failure to accurately report noncompliance; (H) Any other violation or group of violations that the Control Authority determines will adversely affect the operation or implementation of the local pretreatment program.

Solvent Recycling Industry (SRI) - Commercial facilities that recycle spent solvents resulting from manufacturing processes or cleaning operations located at other sites. SRI facilities do not include recovery operations that are an integral part of a main process, such as solvent refining or vegetable oil manufacturing, and they do not include operations added on to a process, such as surface coating industries that reclaim spent solvents reused onsite.

STORET (Storage and Retrieval Data Base) - A data base that includes water-related environmental data for all 50 States.

Total Toxic Organics (TTO) - Total toxic organics, which is the summation of all quantifiable values greater than 0.01 milligrams per liter for a long list of toxic pollutants identified under individual categorical standards.

Toxic Pollutant - For purposes of this report, any pollutant, including any pollutant listed as toxic under Section 307(a)(1) of the Clean Water Act (priority pollutants) and other pollutants as reported by the various data sources used in this report.

Toxic Release Inventory System (TRIS) - Established under Section 313 of the 1986 Emergency Planning and Community Right to Know Act, TRIS is a data source used to identify toxic pollutants being discharged by industrial and commercial sources into the environment, including discharges to POTWs.

Trickling Filter - A secondary treatment process consisting of a bed of coarse inert materials (natural or synthetic) over which the primary clarifier effluent is uniformly distributed. The inert materials provide a surface for the growth of biomass that treats the wastewater.

Used Oil Reclamation and Re-Refining Industry - Consists of approximately 68 used oil recycling businesses. The industry can be subdivided into two facility classes based on the sophistication of the processing technology and the purity of the product.

Whole Effluent Toxicity (WET) - The aggregate toxic effect of an effluent measured directly by a toxicity test. (40 *CFR* 122.21 [j])

ABBREVIATIONS AND ACRONYMS

ACGIH	American Council of Governmental Hygienists
AMSA	Association of Metropolitan Sewerage Agencies
BAT	Best Available Technology Economically Achievable
BPJ	Best Professional Judgement
BMR	Baseline Monitoring Report
BPT	Best Practicable Technology
BOD	Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (Superfund)
CIU	Categorical Industrial User
CWA	Clean Water Act
DSS	Domestic Sewage Study (also known as The Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works [December 1985]).
EPA	U.S. Environmental Protection Agency
GAO	General Accounting Office
IDLH	Immediately dangerous to life and health
ITD	Industrial Technology Division (EPA Office of Water Regulations and Standards)
IU	Industrial User
mgd	Million gallons per day
MISA	Municipal Industrial Strategy for Abatement
NEDS	National Emissions Data System
NIOSH	National Institute of Occupational Safety and Health
NPDES	National Pollutant Discharge Elimination System
NSSS	National Sewage Sludge Survey
NURP	National Urban Runoff Program
ORD	Office of Research and Development
OSHA	Occupational Safety and Health Administration
OWEP	Office of Water Enforcement and Permits (EPA)
PASS	Pretreatment Audit Summary System
PCS	Permit Compliance System
POTW	Publicly Owned Treatment Works

ABBREVIATIONS AND ACRONYMS (CONTINUED)

PPIC	Pollution Prevention Information Clearinghouse
PSES	Pretreatment Standards for Existing Sources
RCRA	Resource Conservation and Recovery Act
RIA	Regulatory Impact Analysis
RNC	Reportable Non-Compliance
SDWA	Safe Drinking Water Act
SIU	Significant Industrial User
SNC	Significant Non-Compliance
SS	Suspended Solids
STORET	Storage and Retrieval Data Base
SU	Standard Units
TDS	Total Dissolved Solids
TOC	Toxic Organic Compounds
TTO	Total Toxic Organics
TRIS	Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSD	Treatment, storage, and disposal operations
TSS	Total Suspended Solids
TTO	Total Toxic Organics
TWA	Time Weighted Average
UST	Underground Storage Tank
WERL	Wastewater Engineering Research Laboratory (EPA)
WET	Whole Effluent Toxicity
WPCF	Water Pollution Control Federation
WWTP	Wastewater Treatment Plant