AROCLOR LOSSES January, 1971

Location: Plant Effluent Factor			Location: Limestone Pit Inf. Factor:			Location: Limestone Pit Eff. Factor:			
Date	PPB	Flow (GPM)	#/Day	PPB	Flow (GPM)	#/Day	PPB	Flow (GPM)	#/Day
1	146	462	0.81						
2	104	397	0.50						
3	275	397	1.31	112	397	0.53	160	397	0.7
4	303	533	1.94						
5	444	462	2.46						
* 6	215	397	1.02						
7	293	397	1.40						
8	23	397	0.11						
9	43	397	0.20						
10	40	338	0.16	86	338	0.35	32	338	0.13
11	228	284	0.78						
12	102	397	0.49						
13	105	397	0.50						
14	113	397	0.54						
15	124	397	0.59						
16	84	397	0.40						
* 17	1337	397	6.37	24	338	0.10	27	338	0.11
18	8	397	0.04						
** 19	1660	397	7.91						
** 20	2234	462	12.39						
21	49	533	0.31						
22	23	533	0.15						
23	24	533	0.15						
24	41	880	0.43						
25	43	694	0.36						
26	50	880	0.53						
27	84	694	0.70						
28	130	694	1.08						
29	392	694	3.26						
30	392	694	3.26						
31	392	694	3.26						

* Cleaning with detergent

** Sampler not working properly—
small amount of sample in bottle

*** Grouting sewers -
samples had large amount of white solids

PLANT EFF.

Average PPB 307

Average #/Day 1.72

0480756

154

TOWOLDMON0058650

AROCLOR LOSSES January, 1971

Location: Sump
Factor

Location: HCl Sewers
Factor:

Location: Limestone Pit Eff.
Factor:

Date	PPB	Flow (GPM)	#/Day	Date	PPB	Flow (GPM)	#/Day	Date	PPB	Flow (GPM)	#/Day
1				1				1			
2				2				2			
3	995	236	2.82	3	2200	100	2.64	3			
4				4				4			
5				5				5			
6				6				6			
7				7				7			
8				8				8			
9	43	193	0.10	9				9			
10	120	193	0.28	10	1120	123	1.65	10			
11				11				11			
12				12				12			
13				13				13			
14				14				14			
15				15				15			
16				16				16			
17				17	4700	123	6.94	17			
18				18				18			
19				19				19			
20				20				20			
21				21				21			
22				22				22			
23				23				23			
24				24				24			
25				25				25			
26				26				26			
27				27				27			
28				28				28			
29				29				29			
30				30				30			
31				31				31			

0480757

155

TOWOLDMON0058651

AROCLOR LOSSES February, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	694	314	2.61	120	1.00	Grab sample(repla
2	694	177	1.47	97	0.81	
* 3	694	2140	17.82	1470	12.24	Recheck-2180
4	880	136	1.44	65	0.69	
5	880	105	1.11	53	0.56	
6	1094	51	0.67	22	0.29	
7	1094	178	2.34	82	1.08	
8	694	94	0.78	54	0.45	
9	694	105	0.88	52	0.43	
10	1094	125	1.64	55	0.72	
11	694	8	0.07	5	0.04	
12	1094	105	1.38	10	0.13	Grab Sample
13	1094	66	0.87	25	0.33	Grab Sample
14	1094	108	1.42	15	0.20	Grab Sample
15	880	27	0.29	13	0.14	
16	533	159	1.02	83	0.53	
17	694	74	0.62	26	0.22	
18	610	78	0.57	23	0.17	
19	694	52	0.43	23	0.19	
20	1912	84	1.93	36	0.83	
21	1094	117	1.54	57	0.75	
22	984	79	0.93	50	0.59	
23	694	128	1.07	48	0.40	
24	880	560	5.91	330	3.48	
25	880	21	0.22	21	0.22	
26	880	6	0.06	6	0.06	
27	880	8	0.08	8	0.08	
28	880	9	0.10	6	0.06	
29						
30						
31						

Average Flow 892

Average PPB (Total) 182
Average #/day (Total) 1.95

Average PPB (A-1242 & A-1254) 102
Average #/day (A-1242 & A-1254) 1.09

*2-3-71 added 3 truckloads limestone to pit while in operation

2-3-71 Limestone pit inf. 99 ppb; Pit Eff. 1400 ppb

156

0480758

TOWOLDMON0058652

AROCLOR LOSSES March, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	880	69	0.73	39	0.41	
2	1094	248	3.26	248	3.26	
3	880	241	2.54	163	1.72	
4	694	76	0.63	14	0.12	
* 5	694	330	2.75	156	1.30	56 ppb A-1260
* 6	880	11,460	121.02	10,260	108.35	6400 ppb A-1260
* 7	1094	590	7.75	590	7.75	300 ppb A-1260
* 8	1094	160	2.10	98	1.29	40 ppb A-1260
* 9	1094	51	0.67	29	0.38	10 ppb A-1260
10	1094	800	10.50	460	6.04	
11	694	1000	8.33	620	5.16	
12	1094	4	0.05	4	0.05	
13	1094	1	0.01	1	0.01	
14	1094	1	0.01	1	0.01	
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

Average Flow _____

Average PPB (Total)_____
Average #/day (Total)_____

Average PPB (A-1242 & A-1254)_____
Average #/day (A-1242 & A-1254)_____

0480759

* Cleaned warehouse sump 3/3/71
A-1260 was found in these samples.

157

TOWOLDMON0058653

AROCLOR LOSSES March, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comment:
1	880	69	0.73	39	0.41	
2	1094	248	3.26	248	3.26	
3	880	241	2.54	163	1.72	
4	694	76	0.63	14	0.12	
* 5	694	300	2.75	156	1.30	56 ppb A-1260
* 6	880	11,460	121.02	10,260	108.35	6400 ppb A-1260
* 7	1094	590	7.75	590	7.75	300 ppb A-1260
* 8	1094	160	2.10	98	1.29	40 ppb A-1260
* 9	1094	51	0.67	29	0.38	10 ppb A-1260
10	1094	800	10.50	460	6.04	
11	694	1000	8.33	620	5.16	
12	1094	4	0.05	4	0.05	
13	1094	1	0.01	1	0.01	
14	1094	1	0.01	1	0.01	
15	694	177	1.47	132	1.10	
16	694	34	0.28	4	0.03	
*17	694	325	2.66	320	2.66	120 ppb A-1260
*18	694	35	0.29	12	0.10	3 ppb A-1260
19	694	11	0.09	3	0.02	
20	694	40	0.33	10	0.08	
21	694	15	0.12	4	0.03	
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

Average Flow _____

Average PPB (Total)_____
Average #/day (Total)_____

Average PPB (A-1242 & A-1254)_____
Average #/day (A-1242 & A-1254)_____

* Cleaned warehouse sump 3/3/71
A-1260 was found in these samples.

0480760

158

TOWOLDMON0058654

AROCLOR LOSSES March, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	880	69	0.73	39	0.41	
2	1094	248	3.26	248	3.26	
3	880	241	2.54	163	1.72	
4	694	76	0.63	14	0.12	
* 5	694	300	2.75	156	1.30	56 ppb A-1260
* 6	880	11,460	121.02	10,260	108.35	6400 ppb A-1260
* 7	1094	590	7.75	590	7.75	300 ppb A-1260
* 8	1094	160	2.10	98	1.29	40 ppb A-1260
* 9	1094	51	0.67	29	0.38	10 ppb A-1260
10	1094	800	10.50	460	6.04	
11	694	1,000	8.33	620	5.16	
12	1094	4	0.05	4	0.05	
13	1094	1	0.01	1	0.01	
14	1094	1	0.01	1	0.01	
15	694	177	1.47	132	1.10	
16	694	34	0.28	4	0.03	
* 17	694	320	2.66	320	2.66	120 ppb A-1260
* 18	694	35	0.29	12	0.10	3 ppb A-1260
19	694	11	0.09	3	0.02	
20	694	40	0.33	10	0.08	
21	694	15	0.12	4	0.03	
22	694	23	0.19	6	0.05	
23	694	57	0.47	7	0.06	
24	880	78	0.82	11	0.12	
25	880	69	0.73	5	0.05	
26	880	5	0.05	4	0.04	
27	880	8	0.08	6	0.06	
28	880	7	0.07	5	0.05	
29	694	9	0.07	6	0.05	
30	694	11	0.09	4	0.03	
31	694	39	0.32	13	0.11	

Average Flow 845

Average PPB (Total) 515
Average #/day (Total) 5.22

Average PPB (A-1242 & A-1254) 427
Average #/day (A-1242 & A-1254) 4.33

0480761

* Cleaned warehouse sump 3/3/71
A-1260 was found in these samples.

159

TOWOLDMON0058655

AROCLOR LOSSES April, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	880	27	0.29	13	0.14	
* 2	694	30	0.25	10	0.08	
* 3	694	30	0.25	10	0.08	
* 4	694	30	0.25	10	0.08	
5	880	72	0.76	23	0.24	
6	694	70	0.58	18	0.15	
7	694	85	0.71	40	0.33	
8	694	124	1.03	48	0.40	
9	694	46	0.38	18	0.15	
10	694	8	0.07	4	0.03	
11	694	13	0.11	7	0.06	
12	694	121	1.01	50	0.42	
13	694	88	0.73	28	0.23	
14	694	54	0.45	20	0.17	
15	533	20	0.13	4	0.03	
16	694	78	0.65	42	0.35	
17	694	82	0.68	15	0.12	
18	694	78	0.65	10	0.08	
19	694	96	0.80	28	0.23	
20	1094	117	1.54	55	0.72	
21	694	230	1.92	30	0.25	
22	1337	132	2.12	44	0.71	
23	1094	4	0.05	4	0.05	
24	1094	15	0.20	4	0.05	
25	694	9	0.07	5	0.04	
26	694	30	0.25	11	0.09	
27	694	32	0.27	12	0.10	
28	694	106	0.88	60	0.50	
29	694	228	1.90	168	1.40	
30	694	70	0.58	26	0.22	
31	694	--	--	--	--	

Average Flow 762

Average PPB (Total) 71
Average #/day (Total) 0.65

Average PPB (A-1242 & A-1254) 27
Average #/day (A-1242 & A-1254) 0.25

* 3 day composite

0480762

160

TOWOLDMON0058656

AROCLOR LOSSES May, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	694	94	0.78	45	0.37	
2	694	103	0.86	11	0.09	
3	694	117	0.97	46	0.38	
4	694	18	0.15	7	0.06	
5	533	176	1.13	86	0.55	
6	694	29	0.24	6	0.05	
7	694	16	0.13	3	0.02	
8	694	10	0.08	2	0.02	
9	694	5	0.04	2	0.02	
10	880	22	0.23	8	0.08	
11	694	146	1.22	42	0.35	
12	880	92	0.97	30	0.32	
13	694	72	0.60	40	0.33	
14	694	88	0.73	58	0.48	
15	694	87	0.72	39	0.32	
16	880	155	1.64	73	0.77	
17	610	129	0.94	51	0.37	
18	694	256	2.13	160	1.33	Solids in sample
19	694	14	0.12	2	0.92	
20	784	23	0.22	3	0.03	
21	694	56	0.47	34	0.28	
22	694	18	0.15	8	0.07	
23	694	51	0.42	22	0.18	
24	880	12	0.13	4	0.04	
25	694	10	0.08	3	0.02	
26	880	109	1.15	51	0.54	
27	699	21	0.17	9	0.07	
28	610	18	0.13	8	0.06	
29	694	77	0.64	25	0.21	
30	610	36	0.26	11	0.08	
31	694	147	1.22	65	0.54	Solids in sample

Average Flow 714 GPM

Average PPB (Total) 71
Average #/day (Total) .60

Average PPB (A-1242 & A-1254) 31
Average #/day (A-1242 & A-1254) .26

0480763

161

TOWOLDMON0058657

AROCLOR LOSSES June, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	694	22	0.18	8	0.07	
2	694	8	0.02	NDA	0.00	
3	694	27	0.22	13	0.11	
4	694	2	0.02	1	0.01	
5	694	11	0.09	10	0.08	
6	694	3	0.02	1	0.01	
7	694	8	0.07	1	0.01	
8	694	86	0.72	50	0.42	
9	610	127	0.93	54	0.40	
10	533	8	0.05	1	0.01	
11	610	20	0.15	10	0.07	
12	533	25	0.16	12	0.08	
13	694	155	1.29	57	0.47	
14	533	20	0.13	5	0.03	
15	533	20	0.13	10	0.06	
16	694	51	0.42	33	0.27	
17	533	29	0.19	15	0.10	
18	880	8	0.08	4	0.04	
19	694	5	0.04	3	0.02	
20	694	9	0.07	5	0.04	
21	694	141	1.17	56	0.47	
22	694	124	1.03	60	0.50	
23	694	134	1.12	47	0.47	
24	694	13	0.10	7	0.06	
25	694	107	0.89	63	0.52	
26	533	360	2.30	168	1.07	*
27	880	1830	19.32	730	7.71	*
28	880	49	0.52	19	0.20	
29	880	117	1.24	45	0.48	
30	880	157	1.66	85	0.90	
31						

Average Flow 687 GPM

Average PPB (Total) 122
Average #/day (Total) 1.01

Average PPB (A-1242 & A-1254) 53
Average #/day (A-1242 & A-1254) 0.44

0480764

*6/26/71, 6/27/71 (1) Digging in Limestone Pit
(2) Rain
(3) Acid sewered

162

TOWOLDMON0058658

AROCLOR LOSSES July, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	880	112	1.18	86	0.91	
2	694	18	0.15	7	0.06	
3	880	15	0.16	6	0.06	
4	880	1395	14.73	195	2.06	Acid lost
5	880	294	3.10	24	0.25	
6	880	1700	19.95	1000	10.56	Rain; solids in samp
7	880	172	1.82	124	1.31	Added limestone to p
8	694	110	0.92	62	0.52	
9	694	154	1.28	80	0.67	
10	694	171	1.42	77	0.64	
11	694	85	0.71	20	0.17	
12	694	75	0.62	9	0.07	
13	533	109	0.70	49	0.31	
14	694	149	1.24	62	0.51	
15	694	82	0.68	32	0.27	
16	1337	30	0.48	30	0.48	
17	694	22	0.18	19	0.16	
18	694	16	0.13	10	0.08	
19	694	47	0.39	9	0.07	
20	694	274	2.28	98	0.82	Grab sample-pump dow
21	694	13	0.11	4	0.03	
22	694	15	0.12	NDA	0.0	
23	694	225	1.87	110	0.92	Grab sample-pump dow
24	533	1380	8.83	520	3.33	Grab sample-pump dow
25	610	128	1.06	88	0.73	
26	984	183	1.72	77	0.72	
27	694	165	1.37	53	0.44	
28	694	139	1.16	52	0.43	
29	694	96	0.80	33	0.27	
30	694	26	0.22	10	0.08	
31	694	49	0.41	21	0.17	

Average Flow 743 GPM

Average PPB (Total) 240
Average #/day (Total) 2.14

Average PPB (A-1242 & A-1254) 96
Average #/day (A-1242 & A-1254) 0.85

0480765

163

TOWOLDMON0058659

AROCLOR LOSSES August, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	880	100	1.06	27	0.28	
2	610	44	0.37	13	0.11	
3	1094	13	0.17	4	0.05	
4	694	25	0.21	7	0.06	
5	880	10	0.10	4	0.04	Charged Limestone Pit
6	694	10	0.08	2	0.02	
7	694	0	0.0	0	0.0	
8	880	40	0.42	18	0.19	
9	880	24	0.25	14	0.15	
10	694	25	0.21	13	0.11	
11	880	24	0.25	8	0.08	
12	694	6	0.05	4	0.03	
13	694	10	0.08	5	0.04	
14	880	5	0.05	2	0.02	
15	694	10	0.08	4	0.03	
16	694	8	0.06	5	0.04	
17	533	20	0.13	10	0.06	
18	*800	196	1.88	144	1.38	* EPA Visit
19	880	37	0.39	5	0.05	
20	610	21	0.17	7	0.06	
21	610	7	0.05	5	0.04	
22	610	0	0.0	0	0.0	
23	694	9	0.07	4	0.03	
24	610	0	0.0	0	o.0	
25	694	46	0.38	46	0.38	
26	610	112	0.82	23	0.17	Grab sample--pump cut
27	610	17	0.12	7	0.05	
28	694	72	0.60	16	0.13	
29	694	20	0.17	6	0.05	
30	610	3	0.02	3	0.02	
31	610	86	0.63	36	0.26	

Average Flow 728 GPM

Average PPB (Total) 32
Average #/day (Total) 0.28

Average PPB (A-1242 & A-1254) 14
Average #/day (A-1242 & A-1254) 0.12

* Flow increased while collecting special samples.

164

0480766

TOWOLDMON0058660

AROCLOR LOSSES September, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	610	12	0.09	4	0.03	
2	694	5	0.04	2	0.02	
3	610	14	0.10	10	0.07	
4	610	3	0.02	2	0.01	
5	650	93	0.72	18	0.14	
6	610	9	0.06	9	0.06	
7	694					
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

Average Flow _____

Average PPB (Total)_____
Average #/day (Total)_____

Average PPB (A-1242 & A-1254)_____
Average #/day (A-1242 & A-1254)_____

165

0480767

TOWOLDMON0058661

AROCLOR LOSSES September, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	610	12	0.09	4	0.03	
2	694	5	0.04	2	0.02	
3	610	14	0.10	10	0.07	
4	610	3	0.02	2	0.01	
5	650	93	0.22	18	0.14	
6	610	9	0.06	9	0.06	
7	694	304	2.53	154	1.28	
8	610	168	1.23	100	0.73	
9	694	25	0.21	17	0.14	
10	687	65	0.54	47	0.39	
11	687	12	0.10	12	0.10	
12	610	198	2.09	127	1.34	
13	784	51	0.48	31	0.29	
14	533	142	0.91	93	0.59	
15	984	21	0.20	8	0.07	
16	810	15	0.11	5	0.04	
17	610	136	0.99	90	0.66	
18	820	34	0.36	14	0.15	
19	413	98	0.63	62	0.40	
20	462					
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

Average Flow _____

Average PPB (Total)_____
Average #/day (Total)_____

Average PPB (A-1242 & A-1254)_____
Average #/day (A-1242 & A-1254)_____

0480768

166

TOWOLDMON0058662

AROCLOR LOSSES Sept., 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	610	12	0.09	4	0.03	
2	694	5	0.04	2	0.02	
3	610	14	0.10	10	0.07	
4	610	3	0.02	2	0.01	
5	650	93	0.22	18	0.14	
6	610	9	0.06	9	0.06	
7	694	304	2.53	154	1.28	
8	610	168	1.23	100	0.73	
9	694	25	0.21	17	0.14	
10	694	65	0.54	47	0.39	
11	694	12	0.10	12	0.10	
12	694	198	2.09	127	1.34	
13	784	51	0.48	31	0.29	
14	533	142	0.91	93	0.59	
15	694	21	0.20	8	0.07	
16	610	15	0.11	5	0.04	
17	880	34	0.36	14	0.15	
18	533	98	0.63	62	0.40	
19	462	270	1.50	200	1.11	
20	397	94	0.45	94	0.45	
21	533	108	0.69	82	0.52	
22	984	20	0.24	8	0.09	
23	684	0	0.0	0	0.0	
24	784	36	0.34	15	0.14	
25	784	66	0.55	27	0.22	
26	694	47	0.39	21	0.17	
27	694	0	0.0	0	0.0	
28	694	67	0.53	34	0.28	
29	694	67	0.53	34	0.28	
30	462	28	0.15	28	0.15	
31	---	--	---	---	---	

Average Flow 663 GPM

Average PPB (Total) 71
Average #/day (Total) 0.56

Average PPB (A-1242 & A-1254) 44
Average #/day (A-1242 & A-1254) 0.35

	Limestone Pit Eff.	Aroclor Sump
9/22/71	23 ppb	732 ppb

0480769

167

TOWOLDMON0058663

AROCLOR LOSSES October, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	610	2	0.01	2	0.01	Sump--20 ppb
2	610	166	1.21	119	0.87	Sump--900 ppb
3	412	258	1.43	196	1.09	
4	533	85	0.54	63	0.40	HCl Sewer--4 ppb
5	468	6	0.03	2	0.01	
6	532	58	0.37	26	0.17	
7	533	8	0.05	2	0.01	
8	610	10	0.07	6	0.04	HCl Sewer--11 ppb
9	610	60	0.44	43	0.31	HCl Sewer--21 ppb
10	610	6	0104	6	0.04	
11	533	9	0.06	9	0.06	
12	610	0	0.0	0	0.0	
13	694	0	0.0	0	0.0	
14	610	38	0.28	38	0.28	
15	533	9	0.06	9	0.06	
16	684	166	1.38	98	0.82	
17	694	2	0.02	2	0.02	
18	610	180	1.32	100	0.73	
19	533	211	1.35	158	1.01	
20	533	161	1.03	161	1.03	
21	694	54	0.45	31	0.26	
22	694	9	0.07	9	0.07	
* 23	694	9	0.07	9	0.07	
24	610	13	0.09	13	0.09	
25	694	12	0.10	12	0.10	
26	610	69	0.50	40	0.29	Pit Eff NDA-HCl 94
27	610	14	0.10	2	0.01	Pit Inf. 11 ppb
28	610	9	0.07	3	0.02	
29	583	190	1.21	104	0.66	
30	610	95	0.70	36	0.26	
31	610	14	0.10	8	0.06	

Average Flow 600 GPM

Average PPB (Total) 62
Average #/day (Total) 0.45

Average PPB (A-1242 & A-1254) 42
Average #/day (A-1242 & A-1254) 0.30

*Two day composite. No sample taken 10/22/71.

168

0480770

TOWOLDMON0058664

AROCLOR LOSSES November, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments Sump
* 1	610	662	4.85	462	3.38	HCl-17 Pit Eff. 1
2	604	0	0.0	0	0.0	Sump 43 Pit E. 1
3	784	17	0.16	8	0.07	
4	604	0	0.0	0	0.0	
5	604	8	0.06	3	0.02	
6	610	10	0.07	2	0.01	
7	610	31	0.23	11	0.08	
8	533	16	0.10	6	0.04	
9	610	46	0.34	14	0.10	Sump 90 Pit E. 8
10	533	262	1.67	62	0.40	
11	784	6	0.06	0	0.0	
12	610	2	0.01	0	0.0	
13	610	4	0.03	1	0.01	
14	533	0	0.0	0	0.0	
15	610	24	0.18	24	0.18	
16	604	6	0.05	3	0.02	
17	610	0	0.0	0	0.0	
18	604	0	0.0	0	0.0	
19	604	26	0.22	26	0.22	
20	610	51	0.37	51	0.37	
21	610	3	0.02	3	0.02	
22	610	6	0.04	3	0.02	
23	610	0	0.0	0	0.0	
24	784	0	0.0	0	0.0	
25	604	3	0.02	3	0.02	
26	604	3	0.02	3	0.02	
27	784	0	0.0	0	0.0	
28	784	55	0.51	40	0.37	
29	784	0	0.0	0	0.0	
30	604	0	0.0	0	0.0	
31						

Average Flow 662 G.P.M.

Average PPB (Total) 41
Average #/day (Total) 0.32

Average PPB (A-1242 & A-1254) 24
Average #/day (A-1242 & A-1254) 0.19

*Using high pressure water blaster - sample had solids.
Recheck of duplicate sample - 530 ppb.

169

0480771

TOWOLDMON0058665

AROCLOR LOSSES December, 1971

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	694	0	0.0	0	0.0	
2	784	0	0.0	0	0.0	
3	1337	0	0.0	0	0.0	
4	984	0	0.0	0	0.0	
5	784	5	0.05	5	0.05	
6	784	0	0.0	0	0.0	
7	880	0	0.0	0	0.0	
8	880	0	0.0	0	0.0	
9	784	78	0.73	32	0.30	Changed limestone
10	784	88	0.83	40	0.38	
11	784	85	0.81	30	0.28	
12	880	77	0.72	25	0.23	
13	880	48	0.51	18	0.19	
14	694	41	0.34	7	0.06	
15	694	22	0.18	22	0.18	
16	880	80	0.84	46	0.48	
17	1212	15	0.22	8	0.12	
18	694	12	0.10	6	0.05	
19	784	4	0.04	4	0.04	
20	784	0	0.0	0	0.0	
21	880	158	1.67	90	0.95	
22	784	159	1.50	85	0.80	
23	880	155	1.64	76	0.80	
24	784	410	3.86	230	2.16	
25	784	670	6.30	360	3.39	
26	694	85	0.71	12	0.35	
27	784	14	0.13	6	0.06	
28	880	20	0.21	9	0.09	
29	784	12	0.11	5	0.05	
30	880	4	0.04	4	0.04	
31	694	5	0.04	5	0.04	

Average Flow 829 G.P.M.

Average PPB (Total) 73
Average #/day (Total) 0.73

Average PPB (A-1242 & A-1254) 37
Average #/day (A-1242 & A-1254) 0.37

170

0480772

TOWOLDMON0058666

AROCLOR LOSSES January, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	694	86	0.22	26	0.22	
2	784	77	0.72	38	0.36	
3	784	30	0.28	14	0.13	
4	1212	66	0.96	32	0.46	
5	984	178	2.10	86	1.02	
6	880	206	2.17	96	1.01	
7	880	118	1.25	62	0.65	
8	880	124	1.31	48	0.51	
9	880	33	0.35	16	0.17	
10	1094	11	0.14	5	0.07	
11	1094	26	0.34	12	0.16	
12	880	45	0.48	21	0.22	
13	880	17	0.18	8	0.08	
14	880	5	0.05	2	0.02	
15	784	3	0.03	3	0.03	
16	880	14	0.15	5	0.05	
17	880	312	3.29	166	1.75	
18	1094	318	4.17	154	2.02	
19	880	31	0.33	12	0.13	
20	880	28	0.30	12	0.13	
21	784	25	0.23	14	0.13	
22	880	188	1.98	100	1.06	
23	784	142	1.36	72	0.68	
24	880	5	0.05	5	0.05	
25	984	13	0.15	6	0.07	
26	880	112	1.18	50	0.53	
27	880	910	9.61	910	9.61	
28	984	880	10.39	880	10.39	
29	1094	60	0.79	60	0.79	
30	984	32	0.32	32	0.38	
31	984	60	0.71	23	0.27	

Average Flow 914

Average PPB (Total) 132
Average #/day (Total) 1.45

Average PPB (A-1242 & A-1254) 96
Average #/day (A-1242 & A-1254) 1.05

171

0480773

TOWOLDMON0058667

AROCLOR LOSSES February, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	880	64	0.67	31	0.33	
2	880	87	0.92	53	0.56	
3	984	81	0.96	43	0.51	
4	984	295	3.49	152	1.79	
5	880	182	1.92	104	1.10	
6	880	64	0.67	64	0.67	
7	880	160	1.69	90	0.95	
8	880	128	1.35	82	0.86	
9	880	8	0.08	8	0.08	
10	784	26	0.24	26	0.24	
11	784	8	0.07	4	0.04	
12	880	53	0.36	30	0.32	
13	880	11	0.12	6	0.06	
14	880	13	0.14	13	0.14	
15	610	83	0.17	23	0.17	
16	694	12	0.10	12	0.10	
17	694	10	0.08	10	0.08	
18	694	10	0.08	6	0.05	
19	694	74	0.62	46	0.38	
20	610	19	0.14	13	0.09	
21	694	13	0.11	7	0.06	
22	694	11	0.09	7	0.06	
23	694	2	0.02	2	0.02	
24	610	15	0.11	15	0.11	
25	610	13	0.09	13	0.09	
26	610	43	0.31	26	0.19	
27	533	16	0.10	9	0.06	
28	533	11	0.07	5	0.03	
29	533	25	0.16	13	0.08	
30						
31						

Average Flow 753 G.P.M.

Average PPB (Total) 51
Average #/day (Total) 0.46

Average PPB (A-1242 & A-1254) 31
Average #/day (A-1242 & A-1254) 0.28

72

0480774

TOWOLDMON0058668

AROCLOR LOSSES March, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	610	9	0.06	9	0.06	
2	984	70	0.66	28	0.26	
3	694	15	0.12	9	0.07	
4	784	71	0.67	40	0.37	
5	691	55	0.46	32	0.26	
6	694	66	0.55	36	0.29	
7	694	375	3.12	190	1.58	
8	694	143	1.19	96	0.63	
9	610	53	0.39	31	0.22	
10	533	55	0.35	33	0.21	
11	533	86	0.55	52	0.33	
12	533	122	0.78	70	0.44	
13	533	85	0.54	55	0.35	
14	880	89	0.94	52	0.54	
15	880	92	0.97	60	0.63	
16	984	39	0.46	22	0.25	
17	784	95	0.89	57	0.53	
18	784	68	0.63	37	0.34	
19	784	113	1.06	62	0.58	
20	784	125	1.18	69	0.64	
21	694	125	1.04	71	0.59	
22	784	233	2.19	125	1.17	
23	784	16	0.15	9	0.08	
24	784	17	0.15	10	0.09	
25	984	22	0.25	12	0.14	
26	784	6	0.05	3	0.02	
27	784	23	0.21	14	0.13	
28	694	38	0.31	24	0.19	
29	694	48	0 39	28	0.23	
30	694	83	0.69	43	0.35	
31	784	107	1.00	58	0.54	

Average Flow 733 G.P.M.

Average PPB (Total) 82
Average #/day (Total) 0.72

Average PPB (A-1242 & A-1254) 46
Average #/day (A-1242 & A-1254) 0.40

173

0480775

TOWOLDMON0058669

AROCLOR LOSSES April, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	694	74	0.61	40	0.33	
2	610	102	0.74	50	0.36	
3	610	122	0.89	74	0.54	
4	784	116	1.09	60	0.56	
5	694	5	0.04	5	0.04	
6	694	46	0.38	22	0.18	
7	694	55	0.45	32	0.26	
8	880	8	0.08	5	0.05	
9	784	9	0.08	6	0.05	
10	694	39	0.32	22	0.18	
11	694	54	0.45	30	0.30	
12	694	72	0.60	40	0.33	
13	694	162	1.35	84	0.70	
14	694	43	0.36	43	0.36	
15	694	83	0.69	45	0.37	
16	784	32	0.30	32	0.30	
17	694	585	4.87	315	2.62	Solids in sample
18	694	175	1.46	175	1.46	"
19	694	110	0.92	110	0.92	"
20	694	28	0.23	14	0.12	Grab sample(clear)
21	694	83	0.69	50	0.42	
22	784	76	0.72	44	0.41	
23	694	14	0.12	5	0.04	
24	694	48	0.40	27	0.22	
25	694	26	0.21	14	0.11	
26	694	45	0.37	25	0.20	
27	694	30	0.24	18	0.14	
28	387	17	0.08	11	0.05	
29	397	26	0.12	13	0.06	
30	533	12	0.07	5	0.03	
31						

Average Flow 681 G.P.M.

Average PPB (Total) 77
Average #/day (Total) 0.62

Average PPB (A-1242 & A-1254) 47
Average #/day (A-1242 & A-1254) 0.38

174

0480776

TOWOLDMON0058670

AROCLOR LOSSES June, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	533	13	0.08	18	0.08	
2	533	11	0.07	11	0.07	
3	338	0	0	0	0	
4	387	0	0	0	0	
5	397	0	0.03	7	0.03	
6	533	0	0	0	0	
7	397	6	0.03	6	0.03	
8	533	50	0.32	50	0.32	
9	397	6	0.03	6	0.03	
10	397	0	0	0	0	
11	533	21	0.13	21	0.13	
12	533	23	0.15	23	0.15	
13	533	33	0.21	33	0.21	
14	397	42	0.20	42	0.20	
15	397	5	0.02	5	0.02	
16	397	38	0.18	38	0.18	
17	462	80	0.11	20	0.11	
18	533	26	0.17	26	0.17	
19	397	17	0.08	17	0.08	
20	1097	42.0	5.51	42.0	5.51	Rain
21	397	98	0.47	98	0.47	
22	397	72	0.34	72	0.34	
23	237	0	0	0	0	
24	533	0	0	0	0	
25	610	0	0.06	0	0.06	
26	533	13	0.08	13	0.08	
27	619	17	0.14	12	0.14	
28		9	0.03		0.03	
29	397	6	0.03	6	0.03	
30	397	10	0.05	10	0.05	
31						

Average Flow 475 G.P.M.

Average PPB (Total) 32
Average #/day (Total) 0.18

Average PPB (A-1242 & A-1254) 32
Average #/day (A-1242 & A-1254) 0.18

175

0480777

TOWOLDMON0058671

AROCLOR LOSSES July, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	533	22	0.14	88	0.14	
2	482	36	0.20	36	0.20	
3	307	5	0.03	6	0.03	
4	694	0	0	0	0	
5	533	12	0.08	12	0.08	
6	307	0	0	0	0	
7	377	5	0.02	5	0.02	
8	307	0	0	0	0	
9	307	0	0	0	0	
10	307	18	0.08	18	0.08	
11	533	0	0	0	0	
12	307	0	0	0	0	
13	307	0	0	0	0	
14	307	0	0	0	0	
15	307					No sample-pumo do
16	307					" "
17	307	0	0	0	0	" "
18	533	0	0	0	0	
19	307	0	0	0	0	
20	307	0	0	0	0	
21	307	0	0	0	0	
22	307	0	0	0	0	
23	307	0	0	0	0	
24	307	0	0	0	0	
25	307	0	0	0	0	
26	482	0	0	0	0	
27	307	0	0	0	0	
28	307	0	0	0	0	
29	307	0	0	0	0	
30	307	0	0	0	0	
31	307	0	0	0	0	

Average Flow 435 G.P.M.

Average PPB (Total) 3
Average #/day (Total) 0.02

Average PPB (A-1242 & A-1254) 3
Average #/day (A-1242 & A-1254) 0.02

176

0480778

TOWOLDMON0058672

AROCLOR LOSSES August, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	397	0	0			
2	397	0	0			
3	397	0	0			
4	397	0	0			
5	397	0	0			
6	333	0	0			
7	397	0	0			
8	397	0	0			
9	397	0	0			
10	533	0	0			
11	397	0	0			
12	468	0	0			
13	397	0	0			
14	397	0	0			
15	397	0	0			
16	397	0	0			
17	397	0	0			
18	533	0	0			
19	462	0	0			
20	433	0	0			
21	397	0	0			
22	397	0	0			
23	397	0	0			
24	462	0	0			
25	462	0	0			
26	533	0	0			
27	462	0	0			
28	533	0	0			
29	533	0	0			
30	397	0	0			
31	397	0	0			

Average Flow 443 G.P.M.

Average PPB (Total) 0.0
Average #/day (Total) 0.000

Average PPB (A-1242 & A-1254)
Average #/day (A-1242 & A-1254)

177

0480779

TOWOLDMON0058673

AROCLOR LOSSES Sept. 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	397	0	0			
2	397	0	0			
3	397	0	0			
4	397	0	0			
5	880	8	0.08	8	0.08	Rain*
6	387	16	0.08	16	0.08	*
7	397	0	0			
8	397	0	0			
9	397	0	0			
10	397	0	0			
11	397	0	0			
12	397	0	0			
13	397	0	0			
14	397	0	0			
15	338	0	0			
16	397	0	0			
17	397	42	0.14	42	0.14	Rain
18	397	24	0.11	24	0.11	Rain-Digging S.Pi
19	397	0	0			
20	397	0	0			
21	284	0	0			
22	397	0	0			
23	284	0	0			
24	284	0	0			
25	284	0	0			
26	284	36	0.12	36	0.12	
27	284	12	0.04	12	0.04	
28	284	0	0			
29	284	0	0			
30	338	0	0			
31						

Average Flow 372 GPM

Average PPB (Total) 5
Average #/day (Total) 0.02

Average PPB (A-1242 & A-1254) 5
Average #/day (A-1242 & A-1254) 0.02

*Grab sample - pump down

178

0480780

TOWOLDMON0058674

AROCLOR LOSSES October 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	284	0	0			
2	284	0	0			
3	284	0	0			
4	284	0	0			
5	284	0	0			
6	284	0	0			
7	397	0	0			
8	462	0	0			
9	284	0	0			
10	397	0	0			
11	397	0	0			
12	284	0	0			
13	284	0	0			
14	284	0	0			
15	75	0	0			
16	75	0	0			
17	75	0	0			
18	284	0	0			
19	533	0	0			Rain
20	193	0	0			
21	284	0	0			
22	338	0	0			
23	784	0	0			
24	284	0	0			
25	284	0	0			
26	284	0	0			
27	880	0	0			Rain
28	284	0	0			
29	284	0	0			
30	284	0	0			
31	284	0	0			

Average Flow 323 G.P.M.

Average PPB (Total) 0
Average #/day (Total) 0

Average PPB (A-1242 & A-1254) 0
Average #/day (A-1242 & A-1254) 0

179

0480781

TOWOLDMON0058675

AROCLOR LOSSES November, 1972

LOCATION Plant Effluent

Date	Flow	Total PPB	Total #/day	PPB A-1242 & A-1254	#/day A-1242 & A-1254	Comments
1	397	7	0.03	7	0.03	
2	397	83	0.39	49	0.23	
3	462	182	1.00	140	0.77	95 PPB A-1254
4	462	860	4.76	460	2.55	
5						No sample
6						No sample
7						No sample
8	397	710	3.38	400	1.90	
9	397	179	0.85	138	0.65	64 PPB A-1254
10	397	181	0.86	131	0.62	52 PPB A-1254
11	397	44	0.20	34	0.16	19 PPB A-1254
12						No sample
13						No sample
14	533	470	3.00	300	1.91	
15	533	25	0.15	17	0.10	
16	694	222	1.84	134	1.11	
17	397	94	0.44	94	0.44	
18	284	150	0.51	90	0.30	
19	284	69	0.23	97	0.16	
20	284	200	0.68	136	0.46	
21	284	72	0.24	40	0.13	
22	694	134	1.11	54	0.44	
23	694	27	0.22	11	0.09	
24	397	0	0.0	0	0.0	
25	397	2	0.01	2	0.01	
26	533	0	0.0	0	0.0	
27	397	0	0.0	0	0.0	
28	533	0	0.0	0	0.0	
29	397	0	0.0	0	0.0	
30	533	0	0.0	0	0.0	
31	533	5	0.03	5	0.03	

Average Flow 450 G.P.M.

Average PPB (Total) 143
Average #/day (Total) 0.77

Average PPB (A-1242 & A-1254) 88
Average #/day (A-1242 & A-1254) 0.48

180

0480782

TOWOLDMON0058676