

LAKE CHARLES, LOUISIANA

NO. 91-1195

WASTE RECOVERY DEPARTMENT OPERATIONS REPORT

SL 014433

Subject to Protective Order
of 15th Judicial District Court
No. 91-1145

CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA

WASTE RECOVERY DEPARTMENT OPERATIONS REPORT

[illegible]

PPG INDUSTRIES

CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA

LABORATORY OPERATIONS REPORT

CONFIDENTIAL:

Subject to Protective Order
of 1st Judicial District Court
No. 93-2145

BI-305-20

WASTE RECOVERY UNIT PRODUCT	1984 AVG.	JAN	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	1990 AVG.
Ethyl Chloride Wt. %	0.19	0.30	0.18	0.41	0.23	0.22	0.19	0.28	0.70	0.52	1.40	0.55	0.81	0.48
Vinylidene Chloride	0.35	0.33	0.25	0.26	0.26	0.41	0.08	0.57	0.44	0.48	1.33	0.34	1.09	0.49
t-1,2-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	0.20	0.08	0.11	0.10	0.09	0.19	0.05	0.09	0.16	0.15	0.60	0.15	0.15	0.16
c-1,2-Dichloroethylene	0.19	0.16	0.21	0.19	0.16	0.11	0.10	0.15	0.22	0.24	0.25	0.29	0.29	0.20
Chloroform	1.38	2.85	2.19	2.58	2.35	0.88	1.80	1.46	2.08	2.25	1.10	2.60	2.26	2.03
1,2-Dichloroethane	28.49	31.26	18.02	20.35	24.99	29.22	30.29	35.25	36.86	30.72	29.68	30.17	31.81	29.05
Carbon Tetrachloride	0.33	0.28	0.33	0.21	0.32	0.18	0.27	0.40	0.50	0.47	0.32	0.29	0.34	0.33
Trichloroethylene	0.57	0.65	0.58	0.51	0.41	0.36	0.49	0.36	0.36	0.34	0.62	1.70	0.51	0.57
1,1,2-Trichloroethane	27.41	29.66	27.96	25.81	27.91	27.54	29.00	23.95	25.80	28.56	26.25	26.87	24.91	27.04
Perchloroethylene	13.70	7.56	18.64	22.11	16.10	8.14	11.31	13.80	10.05	10.56	12.37	10.95	11.45	12.75
U-Tetrachloroethane	6.08	6.50	9.21	7.92	6.67	7.61	6.14	4.41	4.41	5.25	6.72	7.71	6.61	6.60
S-Tetrachloroethane	5.58	5.69	7.34	6.54	6.04	6.36	5.59	4.01	4.40	5.08	5.96	5.77	6.03	5.73
Pentachloroethane	3.38	2.58	4.37	3.80	3.24	3.93	3.08	3.09	2.68	2.66	3.01	2.41	2.72	3.13
Hexachloroethane	0.78	0.59	0.93	0.71	0.73	0.91	0.75	0.81	0.69	0.63	0.73	0.53	0.95	0.75
Pentachloro Butadiene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloro Butadiene	0.95	0.38	0.99	0.55	0.55	0.88	0.68	1.14	0.92	0.58	0.53	0.36	0.52	0.67
Unknowns	11.50	19.06	13.66	5.55	-	-	-	-	-	-	-	-	-	12.76
Specific Gravity	1.387	1.383	1.434	1.428	1.402	1.381	1.402	1.369	1.356	1.366	1.375	1.379	1.375	1.388
BOTTOMS PLANT WASTE Wt. %														
1,2-Dichloroethane	5.88	5.71	1.40	2.48	2.12	2.51	3.21	3.58	3.67	4.42	2.73	3.07	3.26	3.18
Trichloroethylene	0.22	0.10	0.05	0.06	0.05	0.04	0.06	0.04	0.04	0.05	0.08	0.16	0.06	0.07
1,1,2-Trichloroethane	9.32	13.18	8.11	9.92	8.63	8.45	9.50	7.54	8.56	12.11	9.00	10.09	8.67	9.48
Perchloroethylene	4.51	4.26	5.02	8.1	6.92	3.34	3.57	3.90	3.04	3.48	4.08	4.50	3.94	4.51
U-Tetrachloroethane	3.56	5.82	5.28	5.34	4.13	4.60	4.15	2.83	2.72	3.62	4.04	6.73	4.33	4.47
S-Tetrachloroethane	5.93	8.71	7.47	8.24	7.14	7.17	6.50	4.58	5.12	6.78	7.16	9.00	7.58	6.87
Pentachloroethane	5.51	5.83	5.79	8.35	7.54	7.24	5.54	5.46	4.75	5.29	5.87	6.15	5.50	6.11
Hexachloroethane	2.69	2.80	3.40	4.29	4.51	4.23	3.11	3.26	3.10	2.93	3.38	3.12	3.68	3.48
Pentachloro Butadiene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloro Butadiene	7.41	4.88	9.33	6.82	7.18	9.01	6.97	10.54	9.22	6.28	6.68	5.56	7.98	7.54
Unknowns Total	29.09	26.27	29.00	32.11	41.42	36.43	29.18	30.99	30.25	28.89	28.99	27.27	30.12	30.91
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Specific Gravity	1.338	1.413	1.379	1.405	1.320	1.338	1.335	1.346	1.340	1.355	1.368	1.375	1.342	1.360

SL 014435

PPG INDUSTRIES
CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA
INCINERATOR OPERATIONS REPORT

CONFIDENTIAL:
 Subject to Protective Order
 of 14th Judicial District Court
 No. 91-1145

BI-306-10

GENERAL DEPARTMENT VENTS FLOWS MSCF/DAY	1989	JAN	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	1990
No. 2 EDC	73.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P/T	730.1	940.5	676.4	752.4	881.3	846.7	795.0	808.4	1059.9	793.1	953.7	838.3	880.0	852.1
Tri-Ethane II	47.7	206.1	171.0	118.4	61.1	30.4	47.0	40.1	34.9	36.3	34.9	20.8	19.0	68.3
OHC II	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liquid Flow to Incs. from Waste Recovery Ins./DAY	87.120	47.023	48.414	43.342	60.036	70.947	69.738	62.823	64.526	64.684	54.448	43.611	39.345	55.764
No. 1 INCINERATOR														
Waste Gas MSCF/DAY	342.1	648.3	262.9	808.1	407.8	458.7	745.4	753.7	810.2	956.1	753.4	980.7	1015.6	716.7
Natural Gas MSCF/DAY	308.2	341.2	347.7	421.8	362.7	290.8	324.1	381.0	306.4	362.5	448.8	463.7	782.9	407.1
Sabine River Water GPM	460	632	597	481	498	507	546	562	492	519	489	643	768	561
*Operating Hours	6000	680	511	680	534	726	669	479	555	691	672	711	710	7618
HCl in Aqueous Sol. Tons		775	474	584	333	759	725	309	440	466	458	300	273	491
Liquid Waste Burned Tons	651	377	405	144	154	904	910	179	351	289	25	44	7	316
No. 2 INCINERATOR														
Waste Gas MSCF/DAY	747.9	648.3	714.5	582.2	516.7	854.1	825.7	714.8	968.2	474.0	540.8	570.0	524.4	661.1
Natural Gas MSCF/DAY	353.8	372.6	296.0	401.5	298.7	435.3	409.1	392.0	335.7	342.6	320.1	304.8	494.3	366.9
Sabine River Water GPM	603	646	703	538	524	574	595	596	620	550	577	594	577	591
*Operating Hours	7904	723	653	631	424	704	681	740	696	662	732	711	716	8073
HCl in Aqueous Sol. Tons	676	0	614	1069	398	857	2289	1678	1424	1568	2263	1535	1125	1235
Liquid Waste Burned Tons	85	26	13	704	0	278	179	49	181	565	649	428	441	293
SL 014436														

* Totals Liquid waste burned is heavy ends from the production of chlorinated aliphatic hydrocarbons; EPA Waste No. F024; EPA handling code - T03

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PPG INDUSTRIES
CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA
INCINERATOR OPERATIONS REPORT

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SL 014437

Liquid waste burned is heavy ends from the production of chlorinated aliphatic hydrocarbons;
EPA Waste No. F024; EPA handling code - T03

Subject to Protective Order
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No. 91-1145

PPG INDUSTRIES
CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA
WASTE TREATMENT

[illegible]

* Totals

PPG INDUSTRIES
CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA
WASTE TREATMENT

CONFIDENTIAL:
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No. 91-1145

BI-307-20

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*Totals

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No. 91-1145

CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA

CENTRAL OHC STRIPPERS OPERATIONS

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SL 014440

PPG INDUSTRIES
CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA
WASTE TECH

CONFIDENTIAL:
Subject to Protective Order
of 10th Judicial District Court
No. 91-1145

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