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WASTE SOLUTION VOLUMES  
PUREX PLANT  
JANUARY 1970 THROUGH DECEMBER 1971

By

L. F. Janin

May 5, 1972

The following is a summary of the stored waste volumes from Purex to underground storage during 1970 and 1971. All of the information contained herein was obtained from the documents entitled "Purex Process Waste Summary" by L. F. Janin. Included are the four major types of Purex waste, TWW, OMW, coating waste and sump waste.

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CY 1971

Month	Volumes				Lbs 50% NaOH			Totals	
	TWM	OWH	Coats	Sumps*	TWM	OWH	Coats	Volume	NaOH
January	-0-	51 729	10 058	145 777	-0-	7 050	600	207 564	76 934
February	-0-	1 954	9 448	31 338	-0-	-0-	18 248	42 740	25 098
March	3 222	30 266	25 877	24 500	-0-	700	46 820	83 865	49 840
April	29 254	177 212	93 972	72 360	-0-	10 489	147 880	372 798	186 331
May	57 318	161 869	121 583	74 194	4 700	1 500	178 840	414 964	215 477
June	42 272	120 710	112 931	87 524	-0-	-0-	173 580	363 437	194 099
July	30 468	109 772	58 934	51 954	-0-	11 150	99 940	251 128	123 477
August	45 309	125 484	133 406	60 218	-0-	1 524	232 317	364 367	264 273
September	46 241	118 772	128 374	87 345	-0-	-0-	216 537	380 732	230 937
October	35 137	155 649	88 440	74 859	10 700	8 328	125 131	354 085	178 137
November	27 080	74 842	104 274	47 731	-0-	1 350	143 510	253 927	173 778
December	51 331	88 386	241 982	24 838	-0-	800	329 122	406 537	343 425
Totals	367 632	1 216 645	1 129 279	782 638	15 400	42 891	1 712 525	3 496 144	2 061 806

\* Includes Lab waste.

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CY 1970

Month	Volumes			Lbs 50% NaOH			Totals	
	TWM	UWH	Coats	Sumps*	TWM	UWH	Volume	NaOH
January	25 252	113 651	61 748	60 978	-0-	1 800	261 629	138 083
February	8 983	31 749	25 197	55 943	-0-	-0-	121 872	46 246
March	5 167	22 520	73 050	63 089	-0-	600	163 826	175 092
April	20 558	125 196	73 100	17 580	-0-	5 674	236 434	136 663
May	30 277	125 579	183 658	19 329	-0-	3 300	358 843	175 077
June	16 439	140 826	16 167	46 616	-0-	21 850	220 048	81 336
July	-0-	69 295	37 229	190 877	-0-	15 731	297 401	186 647
August	-0-	87 703	93 318	45 029	-0-	3 000	226 050	119 937
September	25 256	276 291	77 533	107 394	64 029	1 200	486 881	292 473
October	6 690	241 176	52 534	98 861	2 600	28 650	399 261	163 383
November	-0-	242 170	119 230	210 709	-0-	3 860	572 109	356 338
December	12 927	147 637	112 487	194 895	-0-	9 240	467 946	299 096
Totals	151 549	1 623 793	925 251	1 111 130	66 629	94 905	3 811 723	2 170 371

\* Includes Lab waste.

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