

ROSEMOUNT SOLVENT DISPOSAL 1971 - SUMMARY

<u>MONTH</u>	<u>QUANTITY (GAL)</u>	<u>STORED</u>	<u>BURNED</u>
Jan.	567		X
Feb.	551		X
Mar.	467		X
Apr.	886		X
May	476		X
June	437		X
	1	X	
July	1030		X
Aug.	547		X
Sept.	375		X
Oct.	808		X
Nov.	369		X
	20	X	
Dec.	429		X

Monthly Average Burned Solvent - 578 Gallons (600 Including Oil)

Yearly Totals - 6942 Gal. Solvent Burned in 1971
 7451 Gal. Solvent Burned in 1970
 6606 Gal. Solvent Burned in 1969

54 Gal. Chemicals Stored
 270 Gal. Oil Burned
 14 Cylinders Stored
 Approximately 215 Gal. Pesticides Stored
 Approximately 1525 Pounds Pesticides Stored - 130^{##}/Mo.
 600 Gal/Mo. Oil and Solvent Burned; 25 Gal/Mo. Stored

1971 ROSEMOUNT CHEMICAL AND HAZARDOUS WASTE DISPOSAL

<u>MONTH</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>DISPOSAL METHODS</u>
<u>January</u> 1/8	156 gal.	Solvent	Burned
	1 gal.	Acid	Stored
	?	Poison	Stored
1/15	149 gal.	Solvent	Burned
1/22	113 gal.	Solvent	Burned
	?	Acid	Stored
1/29	149 gal.	Solvent	Burned
	6 gal.	Chemicals	Stored
<u>TOTALS:</u>	567 gal.	Solvent	Burned
	8 gal.	Chemicals	Stored

1971 ROSEMOUNT CHEMICAL AND HAZARDOUS WASTE DISPOSAL (Con't)

<u>MONTH</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>DISPOSAL METHODS</u>
<u>February</u>			
2/12	311 gal.	Solvent	Burned
2/19	71 gal.	Solvent	Burned
2/26	169 gal.	Solvent	Burned
<u>TOTALS:</u>	551 gal.	Solvent	Burned
<u>March</u>			
3/12	6 gal.	Cylinders	Stored
3/12	84 gal.	Solvent	Burned
	?	Pesticides	Stored
3/19	126 gal.	Solvent	Burned
3/26	257 gal.	Solvent	Burned
<u>TOTALS:</u>	467 gal.	Solvent	Burned
<u>April</u>			
4/2	217 gal.	Solvent	Burned
4/8	175 gal.	Pesticides	Stored
4/15	145 gal.	Solvent	Burned
4/8	57 gal.	Solvent	Burned
	70 gal.	Oil	Burned
	35 gal.	Pesticide	Stored
4/16	246 gal.	Solvent	Burned
4/23	68 gal.	Solvent	Burned
	1 qt.	Chemical	Burned
4/30	153 gal.	Solvent	Burned
<u>TOTALS:</u>	886 gal.	Solvent	Burned
	70 gal.	Oil	Burned
	210 gal.	Pesticides	Stored
	1 qt.	Chemical	Burned
<u>May</u>			
5/7	69 gal.	Solvent	Burned
	3 ctr.	?	Stored
5/14	103 gal.	Solvent	Burned
	3	Cylinders	Stored
5/21	214 gal.	Solvent	Burned
5/23	90 gal.	Solvent	Burned
	5 gal.	Cylinders	Stored
<u>TOTALS:</u>	476 gal.	Solvent	Burned
	3 gal.	Cylinders	Stored
	5 gal.	Cylinders	Stored

1971 ROSEMOUNT CHEMICAL AND HAZARDOUS WASTE DISPOSAL (Con't)

<u>MONTH</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>DISPOSAL METHODS</u>
<u>June</u>			
6/4	106 gal.	Solvent	Burned
	50 gal.	Oil	Burned
6/11	209 gal.	Solvent	Burned
	1 gal.	Ether	Stored
	25 lbs.	Pesticides	Stored
6/25	122 gal.	Solvent	Burned
	11 gal.	Chemicals	Stored
<u>TOTALS:</u>	437 gal.	Solvent	Burned
	50 gal.	Oil	Burned
	25 lbs.	Pesticides	Stored
	1 gal.	Ether	Stored
	11 gal.	Chemicals	Stored
<u>July</u>			
7/2	152 gal.	Solvent	Burned
	?	Chemical	Burned
7/9	243 gal.	Solvent	Burned
7/16	158 gal.	Solvent	Burned
7/18	159 gal.	Solvent	Burned
7/23	182 gal.	Solvent	Burned
7/30	136 gal.	Solvent	Burned
	5	Cylinders	Stored
	1 bottle	?	Burned
<u>TOTALS:</u>	1030 gal.	Solvent	Burned
	5	Cylinders	Stored
	?	Chemical	Burned
<u>August</u>			
8/6	158 gal.	Solvent	Burned
	?	Chemical	Burned
8/13	165 gal.	Solvent	Burned
	5 gal.	Pesticide	Stored
8/20	93 gal.	Solvent	Burned
8/27	131 gal.	Solvent	Burned
<u>TOTALS:</u>	547 gal.	Solvent	Burned
	5 gal.	Pesticides	Stored
	?	Chemical	Burned

1971 ROSEMOUNT CHEMICAL AND HAZARDOUS WASTE DISPOSAL (Con't)

<u>MONTH</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>DISPOSAL METHODS</u>
<u>September</u>			
9/3	121 gal.	Solvent	Burned
	?	Chemical	Burned
	?	Pesticides	Stored
9/10	154 gal.	Solvent	Burned
9/24	100 gal.	Solvent	Burned
<u>TOTALS:</u>	375 gal.	Solvent	Burned
	?	Chemical	Burned
	?	Pesticides	Stored
<u>October</u>			
10/1	170 gal.	Solvent	Burned
	?	Chemical	Stored
	1 gal.	Chemical	Burned
10/9	192 gal.	Solvent	Burned
10/15	163 gal.	Solvent	Burned
10/22	203 gal.	Solvent	Burned
	150 gal.	Oil	Burned
10/29	80 gal.	Solvent	Burned
	3 ctrs.	?	Stored
<u>TOTALS:</u>	808 gal.	Solvent	Burned
	1 gal.	Chemical	Burned
	?	Chemical	Stored
	3 ctr.	?	Stored
	150 gal.	Oil	Burned
<u>November</u>			
11/5	122 gal.	Solvent	Burned
	1 bottle	?	Stored
11/12	124 gal.	Solvent	Burned
	1500 lbs.	Pesticides	Stored
11/19	123 gal.	Solvent	Burned
	20 gal.	Solvent	Stored
	2 pks.	?	Stored
<u>TOTALS:</u>	369 gals.	Solvent	Burned
	20 gals.	Solvent	Stored
	1500 lbs.	Pesticides	Stored
	?	?	Stored

1971 ROSENGLINT CHEMICAL AND HAZARDOUS WASTE DISPOSAL (CON'T)

<u>MONTH</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>DISPOSAL METHODS</u>
December			
12/3	184 gal.	Solvent	Burned
	10 gal.	Chemicals	Stored
12/10	131 gal.	Solvent	Burned
	20 gal.	Chemicals	Stored
12/17	114 gal.	Solvent	Burned
	?	Pesticide	Stored
<u>TOTALS:</u>	429 gal.	Solvent	Burned
	30 gal.	Chemicals	Stored
	?	Pesticides	Stored

CHEMICAL AND HAZARDOUS WASTE PICK UP LOCATIONS

<u>Bldg. No.</u>	<u>Name - Department</u>
002	Pillsbury - Limnology, Grology
029	Univ. Hosp. - Excluding Mayo 074
033	Millard Hall
035	Chemistry
037	Appleby Hall - Pharmacy
038	Zoology
041	Mines Experiment Station
042	Walter Library
043	Electrical Engineering
044	Shops Building
045	Memorial Stadium
047	Botany Green House
048	Botany
049	Tate Laboratory of Physics
054	Owre Hall
056	Cooke Hall
055	Mech. - Aero. Engineering
070	Health Service
072	Bierman Field Buildings
074	Mayo Complex
077	Peik Hall
079	Lyon Laboratories
086	Shops Annex
098	Chemical Storehouse
100	Poucher Building - Laundry
104	Mines and Metallurgy
125	Space Science Center
201	Business Administration
307	Botany

Bldg. No.Name - Department

314	Horticulture
328	Bull Barn
338	McNeal Hall - Home Economics
339	Greenhouse - Rear of Botany
349	Golf Shops and Storage
356	
361	Health Service - St. Paul
362	Elec. Dist. Sys.
365	Plant Pathology
372	Peters Hall - Animal Science
374	Veterinary Science
376	Student Center - St. Paul
381	Food Science and Industries
382	Soils
385	Veterinary Medicine Research Labs
388	Crop Service
391	N C Forest Experiment Station
393	Entomology, Fisheries, Wildlife
394	Horticulture Science
395	Palmer Classrooms Building
403	
410	Gortner Lab of Bio-Chemistry

~~CSA~~
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File - Rosemount Toxic & Haz
Waste

June 10, 1974

Memorandum

From: Roger DeRoos

Subject: Meeting Relating to Disposal of Toxic and Hazardous Waste at Rosemount

On April 17, 1974, a meeting was held to discuss the operation of the toxic and hazardous waste disposal site at Rosemount. The meeting included Mr. Reid, Dr. Thompson, Dr. Pfannkuck, Dr. Pfannkuck's two laboratory assistants and me. We discussed the progress of the monitoring and the detection of organics from the suction lysimeters in the unsaturated zone down to the water table. However, there was still no detection of organics above background in water samples collected from wells used to monitor the site.

Because of the above findings it was decided to proceed as soon as possible with a plan for burning of solvents at the Pollution Controls, Inc. incinerator. On May 21, 1974, Mr. Reid informed me that on May 17, 1974, the first shipment, including nearly all of the waste collected on that Friday, was brought to the Pollution Controls, Inc. incinerator. There will still be some segregation of waste, separating explosives, pesticides, and highly toxic materials such as cyanides. Some of these materials will be stored. Other possibilities for disposal of these hazardous residuals are being explored.

In the April 17th meeting we also discussed progress on the development of a neutralization tank for acids and caustics. It was concluded from our discussion that the next step in this effort is to work out the design details of the tank.