Monsanto

FROM (NAME—LOCATION—PHONE) John H. Craddock - St. Louis A2SA 4-4764

DATE : June 21, 1982

SUBJECT : CORPORATE PCB INVENTORY

REFERENCE :

TO :
C. F. Callis - B3CA
C. E. Hathaway - R3B
P. H. Hobson - G5WA
F. E. Kearney - E2SA
W. B. Papageorge - G4WA
E. C. Spurrier - C2NA

cc: W. D. Carpenter - G3WG
J. R. Condray - G3WG
J. G. Nassif - E2ND
R. S. Nelson - A2SA
P. S. Park - G3WB
W. R. Robirds - F2WA
M. C. Throdahl - D1D
1 cc Gene Jesse 6/25

Tabulation of the recent Corporate PCB Inventory (through December 31, 1981) is now essentially complete.

Although significant progress was made last year in managing disposal of PCB's at various sites, as expected the total quantity of material stored for disposal is still about the same level as the previous year (due to continuing phase-out of obsolete or leaky equipment and incidental generation).

	December, 1980	December, 1981
PCB Materials	109,000 Gallons Total Fluids	103,000 Gallons Total Fluids
PCB Equipment	65 Capacitors 31 Transformers	43 Capacitors 22 Transformers

However, over 90% of the liquid material is associated with one Monsanto site (WGK plant). Since January 1, a large portion of WGK material has been incinerated and disposal of the bulk of stored PCB materials there is expected to be complete by fourth quarter.

A brief summary of results for each operating company by plant site is attached for your information. The table presents results for material (1) stored for disposal and (2) in use. (Unless noted (*) material stored is a small quantity, significantly less than a truckload.)

It is noteworthy that sites producing food/feed materials, especially MIC plants, have made a concerted effort to dispose of materials and replace PCB equipment. Hopefully, we will continue this effort until all food/feed manufacturing areas are PCB-free so as to eliminate any possibility of an accidental contamination problem in the future.

IN - 10 (REV. 8/77)

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The cost of PCB disposal at EPA approved facilities is significantly less this year due to low volume (high unused capacity) as utilities and industry wait to see how the new regulations are written.

I urge Monsanto sites to continue a planned, orderly disposal of these materials in advance of the January 1, 1984, required completion date for currently stored materials. The new regs are not expected to ease disposal requirements. In fact, they may require disposal of much more material, thus taxing nameplate capacity of present approved facilities.

In 1981, we disposed of about 500,000 pounds of PCB materials, plus hardware, at considerable cost. However, in the future we will have an additional one million pounds from current storage, plus another two million pounds (plus flushing and wash solvents and hardware in many cases) from "in use" electrical equipment that must be disposed of properly.

We will also have waste streams containing "incidental PCB's" generated in our current manufacturing processes to incinerate. If the proposed new PCB regulations become effective, this latter category (and associated disposal costs) could grow exponentially.

J. H. Craddock

jh
enclosures

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Location	Stored for Disposal[1]	In Use
MTC		
Decatur	600 gal., plus debris (3 drums)	368C, 107T
Sand Mountain	0	58C, 22T
Blacksburg, SC	0	1C
Greenville, SC	0	0
Pensacola	6C	439C, 36T
Greenwood, SC	50 gal.	249C, 11T
MAP		
Eldorado	0	16C, 43T
Anniston	110 gal., 2C	4C, 1T
Muscatine	0	0
Luling	0	59T
Fayetteville	0	58C, 40T
MCI		
Avon	6C	2C
Soda Springs	0	48C, 12T
Columbia	670 gal., plus debris (15 drums)	18C, 35T
Houston Oil & Gas	0	0
Texas City	670 gal., plus debris (10 drums)	128C, 49T
Rock Springs	0	0
J. F. Queeny	440 gal., plus debris (4 drums)	3C, 13T
*WGK	83,000 gal. (2,115 drums)	15T
Chocolate Bayou	debris (2 drums), 1T	343C, 37T
MIC		
Delaware River	0	12C
Augusta	0	3C
Seattle	0	0
Carondelet	0	0
Spartanburg	0	0
Kearny	0	3C, 5T
Akron Lab	0	1T
Akron, Montrose	0	0
Trenton	8C	8C, 7T
*Everett	3,200 gal., plus debris (1 drum)	12T
Long Beach	0	24C
St. Peters	2,100 gal.	185C, 7T

[1] gal. = gallons of liquid at PCB levels >50 ppm
C = capacitor (any size greater than three pounds)
T = transformer (any size containing fluid for disposal -- fluid volume included in Corporate total)

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Location	Stored for Disposal[1]	In Use
MIC cont.		
Palo Alto	0	0
Nitro	6T	13T
Ontario	0	0
Camden	3 gal.	0
MPR		
Stonington	174 gal.	16C
Trenton Resins	0	33C, 2T
Springfield	1 gal.	205C, 15T
Dalton	0	0
Santa Clara	0	0
Port Plastics	0	40C, 12T
Bircham Bend	1T	55C, 7T
Ligonier	0	7C
Baxley	0	0
Sharonville	0	21C, 6T
Kenilworth	0	14T
Deep River	1 gal.	172C, 2T
Bloomfield Tech.	9 gal.	Hydraulic System
Lima	0	0
Anaheim	0	1T
Eugene	0	15C
West Port	0	0
MISC. R&D		
CRL St. Louis	0	7T (possible)
MRC Dayton	debris (3 drums)	1C
RTP Durham	25 gal.	4T

[1] gal. = gallons of liquid at PCB levels >50 ppm
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