

Monsanto

FROM (NAME & LOCATION)

F. Macdonald - Newport

DATE

18th May, 1971

SUBJECT

Aroclor Monthly Waste Report
October 1970 - April 1971

REFERENCE

TO

FM/SC

J.R. Savage, St. Louis

cc. D.B. Shearn
T.W. Dalton W GK
D.B. Hosmer S.L
P.B. Hodges "
W.B. Papageorge "
E.V. Weekes Bx1
H.L. Williams Ann.

From October 1970 to April 1971 inclusive, 51 samples of Newport works effluent have been tested for PCB content. The monthly average concentrations of PCB in the works effluent are as shown below:-

	<u>Average PCB content</u>	<u>Equiv. Pounds per day</u>
October	151 ppb	1.51
November	263 ppb	2.63
December	127 ppb	1.27
January	263 ppb	2.63
February	247 ppb	2.47
March	252 ppb	2.52
April	213 ppb	2.13

Change-over of Santotherm F.R. Heat Transfer Systems

The heat transfer system on the Luwas on the 4NDPA plant at present contains Santotherm FR2. It has been decided not to change this over to Santotherm 66 (HB40) because of the potential fire hazard which would be involved and precautions are being taken to minimise and contain any spills or leakages which may occur from this system.

The only other Aroclor heat transfer system in use at Newport is on the Santolube 900 plant. Change-over of this system to Santotherm 66 is under evaluation, but no change has yet been made.

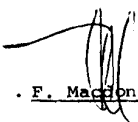
MONS 099005

Disposal of PCB Wastes

The setting up of a system for disposal of liquid and solid PCB wastes (both from Newport works and customer plants) by incineration is being negotiated with Purle Brothers Waste Disposal.

Atmospheric Emission

No results other than the ones reported previously have yet been obtained on atmospheric emission of PCB.



F. MacDonald