PCB Meeting - December 17 & 18, 1981

Fab PCB's

PARTICIPANTS	AFFILIATION
Bob Graziano	O. H. Materials
Clayton Callis (12/17)	Monsanto Co.
George Chouinard	Brown & Caldwell
Dan Hobe	Brown & Caldwell
John Goulias	John Goulias & Associates
Charles Robertson	Ensco
Ed Edgerley	Environment & Energy Consultants
Arnold Goldford	Environment & Energy Consutlants
Alan Siegel	Industrial Testing Laboratories

PCB Consortium

Objectives:

1. To form a team of experts to deal with all aspects of PCB Management and disposal on a geographical basis

2. Establish a centralized management location which is adequately staffed to assess the needs of the clients.

3. To formulate and develop a management system that will assign, control, and track all projects.

4. To formulate and implement a marketing plan to gain recognition, identify marketing segments, and implement a sales program.

PCB History

ITEM	INDUSTRIAL PURCHASERS - M lbs	CURRENT ESTIMATE IN-SERVICE - M lbs
Capacitors	630	450
Transformers	335	300
Plasticizers	115	8
Hydraulic and Lube	80	
Carbonless Copy Paper	45	
Miscellaneous Industrial	28	
Heat Transfer Liquid	20	
TOTAL	1,253	758

60.5% of all PCB's are estimated to be still in-service

PCB's - Where Are They?

ITEM	Amount - M lbs
Environmentally Biodegraded	30
Incinerated	25
Landfill	290
In the Environment	150
Currently in Electrical Service	750
In Use - Miscellaneous	8
	1,253

P-Primary
S-Secondary
N-None

PROPOSED SERVICES AND MEMBER INTERESTS

CONSULTING SERVICES	OTHER	BC	OH	ENSCO	EEC
Engineering		P	S	S	P
Medical	*	N	N	N	S
Legal	*	N	N	N	S
Technical		P	S	S	P
Audits & Inventory Maintenance		P	N	N	P
Inspection Services (Transformer Capacitor)		S	S	S	S
Monitoring - Medical & OSHA		S	N	N	P
Spill Prevention & Control		P	N	N	S
NPDES		P	S	N	P
R & D Tracking		P	N	N	P
New Processes Evaluation		P	S	P	S
Regulation Tracking		P	N	N	S
SITE INVESTIGATIONS & CLEANUP & CLOSURE					
Emergency Response		N	P	P	N
Cleanup-long term site		N	P	S	N
Site Assessment (Engineering Studies including design)		P	S	N	P
Engineering Design		P	S	N	N
Laboratory		P	P	S	P
Regional					
Mobil		N	P	N	N
Site Closure		N	P	N	N
Site Mitigation		N	P	N	N
Site Monitoring		P	P	N	P
Decontamination Facilities		N	P	N	N

PROPOSED SERVICES AND MEMBER INTERESTS Cont'd

TREATMENT & DISPOSAL	OTHER	BC	OH	ENSCO	EEC
Laboratory					
Regional		P	P	S	P
Mobil		N	P	N	N
Monitoring (medical & OSHA)		S	N	N	P
Liquids >500 (Capacitor, Transformer and Other)		N	N	P	N
Liquids <500 (Capacitor, Transformer and Other)		N	N	P	N
Solids	*	N	N	S	N
Sludge		N	N	P	N
Slurries		N	N	P	N
Incineration Operation		N	N	P	N
Landfill Operations	*	N	N	S	N
Other Treatment Operation		N	P	P	N
On-site Disposal		N	P	S	N
Transportation		N	S	P	N
Design & Construction					
On-site		P	N	S	N
Landfill		P	N	S	N
Operations	*	S	N	S	N
Training	*	S	N	S	S
Transformer Servicing & Repair	*	N	N	S	N
Transformer Retrofill	*	N	N	S	N
Transformer Decomissioning	*	N	S	P	N

FUNCTIONS

Consulting - Engineering, medical, legal, technical

Laboratory - regional and mobil

Audits & Inventory Maintenance

Inspection Services

Monitoring Services - medical & OSHA

Training

Spill Prevention & Control Plans

Transformer Repair & Retrofill

Emergency Response & Cleanup

Transportation of Materials

PCB Liquid Treatment & Disposal

PCB Material - Transformer & Capacitor Disposal

Research and Development Tracking

Design & Construction of Disposal Facilities