Available Information on Biological and Environmental Reports and Studies Relating to PCBs and PCB Containing Products

*Certain invoices/cost information located but records are incomplete

Item	Date	Title	Vendors	Records*
1	5/25/1934	REPORT OF DR. FREDERICK B. FLINN OF PATCH TESTS MADE ON MATERIAL RECEIVED FROM SWANN RESEARCH, INC. (RABBITS)	Columbia University	None located
2	9/15/1938	REPORT TO THE MONSANTO CHEMICAL COMPANY (RAT TOXICITY STUDIES) (Aroclor 1268 and 5460)	Harvard School of Public Health (Drinker)	None located
3	9/15/1938	"Report to Monsanto Chemical Company: Report on Aroclor 4465 - Inhalation Experiments" Drinker (9-15-38)	Harvard School of Public Health (Drinker)	None located
4	9/8/1948	PROJECT W-31 AROCLOR (REPORT ON PATCH TESTING) (Aroclor 1254)	Barnard Free Skin & Cancer Hospital	None located
5	12/22/1949	PROJECT W-31 AROCLOR (REPORT ON PATCH TESTING) (Aroclor 1254)	Barnard Free Skin & Cancer Hospital	None located
6	2/19/1951	CERTIFICATE OF ANALYSIS (TEST DATA) (Pydraul F-9) (PCB)	Younger/Scientific Associates	None located
7	4/17/1951	CERTIFICATE OF ANALYSIS (MINIMUM LETHAL DOSE OF PYDRAUL F-9 WHEN FED ORALLY TO LABORATORY RATS) (PCB)	Younger/Scientific Associates	None located
8	7/14/1951	PROJECT NO W-45 PYDRAUL F-9 (PCB) (REPORT ON PATCH TESTING)	Barnard Free Skin & Cancer Hospital	None located
9	3/11/1953	THE TOXICITY OF THE FOGS FORMED BY DROPPING PYDRAUL F-9, AROCLOR 1248 AND TRICRESYL PHOSPHATE, UPON THE SURFACE OF A HEATED INCONEL (PROJECT 49) (TESTS PERFORMED ON CATS, GUINEA PIGS, RABBITS, MICE AND RATS)	Kettering Laboratory/University of Cincinnati	None located
10	11/10/1953	CERTIFICATE OF ANALYSIS (ACUTE ORAL TOXICITY OF AROCLOR 1254 FOR RATS)	Younger/Scientific Associates	None located
11	12/11/1953	CERTIFICATE OF ANALYSIS (ACUTE ORAL TOXICITY OF AROCLOR 1242 FOR RATS)	Younger/Scientific Associates	None located
12	1/13/1954	Certificate of Analysis - The Acute Oral Toxicity (LD50) of Functional Fluid OS-54 (PCB) For Rats; Inhalation of OS-54 Fumes by Rabbits Over Period of Three Days; Ocular Irritation Produced by OS-54, Project No. SA-20	Younger/Scientific Associates	None located
13	9/13/1954	CERTIFICATE OF ANALYSIS (PYDRAUL 150) (PCB)	Younger/Scientific Associates	None located
14	2/1/1955	CERTIFICATE OF ANALYSIS (PYDRAUL F-9) (PCB)	Younger/Scientific Associates	*
15	2/3/1955	Certificate of Analysis - Toxicological Investigation of Fluid OS-63 (PCB), Project No. SA-91	Younger/Scientific Associates	None located
16	6/22/1955	THE TOXICITY OF THE VAPOR OF AROCLORS 1242 AND 1254 (RESULTS OF EXPOSURE ON A CAT, GUINEA PIGS, MICE, RABBITS AND RATS)	Kettering Laboratory/University of Cincinnati	None located
17	6/28/1955	THE TOXICITY OF THE VAPOR OF AROCLOR 1242 AND OF AROCLOR 1254 (CAT. GUINEA PIG MICE, RABBITS, RATS,) (Supplemental Report)	Kettering Laboratory/University of Cincinnati	None located
18	7/5/1955	THE TOXICITY OF A MIST GENERATED BY THE ASPIRATION OF PYDRAUL (CATS, RATS, RABBITS AND GUINEA PIGS)	Kettering Laboratory/University of Cincinnati	None located
19	7/13/1955	Certificate of Analysis - Toxicological Investigation of Pydraul 600 (PCB), Project No. SA-55-43	Younger/Scientific Associates	*
20	9/26/1955	Certificate of Analysis - Toxicological Investigation of Pydraul 600 (PCB), Project No. 55-43A	Younger/Scientific Associates	*
21	8/3/1956	CERTIFICATE OF ANALYSIS (PYDRAUL AC) (PCB)	Younger	None located
22	2/26/1957	Certificate of Analysis - Toxicological Investigation of Hydraulic Fluids OS-81 & OS-83 (PCBs), Project No. Y-57-1	Younger	None located
23	7/9/1957	Certificate of Analysis - Toxicological Investigation of Aroclor 1270 Ammonia Reaction Product, Project No. 7-57-22	Younger	None located
24	2/22/1958	Certificate of Analysis - Toxicological Investigation of OS-95 (PCB), Project No. Y-58-4	Younger	None located
25	9/29/1958	CERTIFICATE OF ANALYSIS THE TOXICITY OF THE THERMAL DECOMPOSITION PRODUCTS OF PYDRAUL 625 (PCB) (RATS)	Younger	None located

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Samples EX 4

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Item	Date	Title	Vendors	Records*
26	10/15/1958	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF THE FOLLOWING COMPOUNDS: (PCB, TETRACHLOROBISPHENOL, POLYCHLORINATED BISPHENOL; SPRAGUE-DAWLEY ALBINO RATS, RABBITS)	Younger	None located
27	10/20/1958	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF OS-95 (PCB) (WITH RABBITS)	Younger	None located
28	12/8/1958	CERTIFICATE OF ANALYSIS THE TOXICITY OF THE THERMAL DECOMPOSITION PRODUCTS OF OS-95 (PCB) (RATS)	Younger	None located
29	6/6/1962	Certificate of Analysis - Toxicological Investigation of Aroclor 1232, Project No. Y-62-52	Younger	None located
30	6/13/1962	Certificate of Analysis - Toxicological Investigation of Aroclor 1221, Project No. Y-62-41	Younger	None located
31	6/19/1962	Certificate of Analysis - Toxicological Investigation of Aroclor 1242, Project No. Y-62-34	Younger	None located
32	6/19/1962	Certificate of Analysis - Toxicological Investigation of Aroclor 1248, Project No. Y-62-35	Younger	None located
33	6/25/1962	Certificate of Analysis - Toxicological Investigation of Aroclor 1260, Project No. Y-62-37	Younger	None located
34	6/25/1962	Certificate of Analysis - Toxicological Investigation of Aroclor 1254, Project No. Y-62-36	Younger	None located
35	7/3/1962	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF AROCLOR 4465-STUDY WITH RATS AND RABBITS)	Younger	None located
36	7/9/1962	Certificate of Analysis - Toxicological Investigation of Aroclor 1268, Project No. Y-62-42	Younger	None located
37	7/17/1962	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF: AROCLOR 2565 (PCB) (RESULTS OF TESTS ON RATS AND RABBITS)	Younger	None located
38	7/19/1962	CERTIFICATE OF ANALYSIS (RATS, RABBITS TOXICITY STUDIES) (Aroclor 1242)	Younger	None located
39	3/4/1963	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF: PYRANOL 1470 (PCB) MONSANTO SAMPLE NUMBER 21 MONSANTO PROJECT NUMBER Y-63-11 (TABLES INCLUDED, RATS AND RABBITS TESTED)	Younger	None located
40	3/4/1963	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF INERTEEN PPO RAT RABBIT) Y-63-12	Younger	None located
41	3/4/1963	Report to Monsanto Chemical Company, Sub acute Dermal Toxicity of Aroclor 1248	Biotest	None located
42	3/27/1963	Report to Monsanto Chemical Company, Sub acute Dermal Toxicity of Aroclor 1242	Biotest	None located
43	3/28/1963	REPORT TO MONSANTO CHEMICAL COMPANY SUB ACUTE DERMAL TOXICITY OF AROCLOR 1268 (ALBINO RABBITS)	Biotest	None located
44	3/28/1963	REPORT TO MONSANTO CHEMICAL COMPANY SUB ACUTE DERMAL TOXICITY OF AROCLOR 1254 (RABBITS)	Biotest	None located
45	3/28/1963	REPORT TO MONSANTO CHEMICAL COMPANY SUB ACUTE DERMAL TOXICITY OF AROCLOR 1221 (ALBINO RABBITS)	Biotest	None located
46	5/17/1963	REPORT TO MONSANTO CHEMICAL COMPANY SUB ACUTE DERMAL TOXICITY OF AROCLOR 4465 (TEST RESULTS ON RABBITS - INCLUDES CHARTS AND A GRAPH)	Biotest	None located
47	9/4/1963	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF: THERMINOL 77 MONSANTO SAMPLE NUMBER 83 MONSANTO PROJECT NUMBER Y-63-61 (TESTS ON RABBITS AND RATS)	Younger	None located

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Item	Date	Title	Vendors	Records*
48	12/19/1963	Certificate of Analysis - Toxicological Investigation of MCS-300 (PCB), Project No. Y-63-88	Younger	None located
49	2/15/1964	Certificate of Analysis - Toxicological Investigation of FH-145, Project No. Y-64-7 (PCB)	Younger	None located
50	6/13/1964	Certificate of Analysis - Toxicological Investigation of MCS-295 (Therminol FR-0) (PCB), Project No. Y-64-49	Younger	None located
51	7/20/1964	Certificate of Analysis - Toxicological Investigation of FH-159, Project No. Y-64-77 (PCB)	Younger	None located
52	8/11/1964	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF PYDRAUL 280 (PCB) (RATS, RABBITS)	Younger	None located
53	11/12/1964	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF MCS 312 (PCB) (RATS, RABBITS)	Younger	None located
54	1/10/1966	CERTIFICATE OF ANALYSIS (MCS 395) (PCB)	Younger	None located
55	1/12/1966	Certificate of Analysis - Toxicological Investigation of MCS 404, Project No. Y-65-214 (PCB)	Younger	None located
56	10/17/1966	Certificate of Analysis - Toxicological Investigation of MCS 90, Project No. Y-66-151 (PCB)	Younger	None located
57	11/9/1966	Certificate of Analysis - Toxicological Investigation of MCS 528 (PCB) (Santosafe 300), Project No. Y-66-165	Younger	None located
58	11/9/1966	CERTIFICATE OF ANALYSIS (PYDRAUL AC PROJECT NO. Y-66-158 SAMPLE NO. 183 ANIMALS STUDIED: RABBITS AND ALBINO RATS) (PCB)	Younger	None located
59	11/9/1966	CERTIFICATE OF ANALYSIS (PYDRAUL 280 PROJECT NO. Y-66-161 SAMPLE NO. 186 ANIMALS STUDIED: RABBITS, ALBINO RATS) (PCB)	Younger	None located
60	11/9/1966	CERTIFICATE OF ANALYSIS (PYDRAUL 135 PROJECT NO. Y-66-160 SAMPLE NO. 185 ANIMALS STUDIED: RABBITS, ALBINO RATS) (PCB)	Younger	None located
61	11/9/1966	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF: PYDRAUL 625 MONSANTO SAMPLE NUMBER 187 MONSANTO PROJECT NUMBER Y-66-162 RAT, RABBIT) (PCB)	Younger	None located
62	11/9/1966	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF: MCS 153 MONSANTO SAMPLE NUMBER 188 MONSANTO PROJECT NUMBER Y-66-163 RAT, RABBIT) (PCB)	Younger	None located
63	11/9/1966	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF: MCS 404 MONSANTO SAMPLE NUMBER 189 MONSANTO PROJECT NUMBER Y-66-164 RAT, RABBIT) (404)	Younger	None located
64	11/9/1966	CERTIFICATE OF ANALYSIS (TEST DATA) Pydraul F-9 Project Y-66-159 (PCB)	Younger	None located
65	10/13/1967	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF PYDRAUL 230, SPECIES: RATS AND RABBITS) (PCB)	Younger	None located
66	10/19/1967	Certificate of Analysis - Toxicological Investigation of (XA-140) Santicizer 1706, Project No. Y-67-105 (PCB)	Younger	None located
67	1/1/1968	FINAL REPORT ON ANALYTICAL CHEMISTRY AND SPECTROSCOPY INVESTIGATIONS - 1967 PART I - ANALYTICAL METHODS DEVELOPED REPORT NO 3513 JOB NO 2-02-760.01-6830-I (see 67-5; 67-18)	In-house	None located
68	1/1/1968	FINAL REPORT ON ANALYTICAL CHEMISTRY AND SPECTROSCOPY INVESTIGATIONS - 1967 PART II - SPECIAL STUDIES REPORT NO 3514 JOB NO 2-20-760.01-6830-II 2-02-760.01-6520 2-20-760.01-6313 2-02-760.01-6308 (see 67-16; 67-18; 67-23; 67-33)	In-house	None located
69	5/1/1968	REPORT ON THE MAY, 1968, SURVEY OF CHOCCOLOCCO CREEK AND TRIBUTARIES: BIOLOGY OF FISHES AND WATER QUALITY	Biological Consultants	*

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Available Information on Biological and Environmental Reports and Studies Relating to PCBs and PCB Containing Products

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Item	Date	Title	Vendors	Records*
70	1/1/1969	PROPOSAL FOR AN INDUSTRY STUDY OF THE LAKE MICHIGAN BASIN	WARF	*
71	1/1/1969	REPORT ON THE JANUARY, 1969, SURVEY OF CHOCCOLOCCO CREEK AND TRIBUTARIES: BIOLOGY OF FISHES AND WATER QUALITY	Biological Consultants	*
72	1/1/1969	FINAL REPORT ON SPECTROSCOPY METHODS DEVELOPED - 1968 REPORT NO 3549 JOB NO 2-02-760.01-8903209 (PARTIAL REPORT ONLY CONTAINS INDEX, INTRODUCTION, SECTION TITLES AND SUMMARY) (see 68-3)	In-house	None located
73	1/22/1969	CERTIFICATE OF ANALYSIS (SANTOSAFE 300 MCS 528 OR116021 PROJECT NO. Y-68-134 SAMPLE NO. 171 RABBITS AND ALBINO RATS) (PCB)	Younger	None located
74	1/22/1969	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF PYDRAUL 312 (MCS-312) (RATS NEW ZEALAND WHITE RABBITS Y-68-135 (PCB)	Younger	None located
75	4/15/1969	30-DAY TISSUE COLLECTION STUDY IN ALBINO RATS WITH AROCLORS	Biotest	*
76	4/23/1969	REPORT TO MONSANTO COMPANY CHICKEN RESIDUE STUDIES ON AROCLORS AND VARIOUS OTHER MATERIALS BLT-AROCLOR BLT NO.J7010 (INCLUDES TRANSMITTAL LETTER - WHITE LEGHORN CHICKENS - MONSANTO DID TISSUE ANALYSIS)	Biotest	*
77	6/6/1969	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF: MCS 900) (RATS NEW ZEALAND WHITE RABBITS) (PCB)	Younger	None located
78	6/13/1969	REPORT TO MONSANTO COMPANY FOUR DAY FISH TOXICITY STUDIES ON SEVEN MATERIALS IBT NO A7204 (RAINBOW TROUT AND BLUEGILL)	Biotest	*
79	7/18/1969	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF MCS 9001,RATS,RABBITS) (PCB)	Younger	None located
80	9/1/1969	FINAL REPORT ON ANALYTICAL CHEMISTRY INVESTIGATIONS - 1968 METHOD DEVELOPMENT - GENERAL UTILITY (PARTIAL REPORT CONTAINS ONLY INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) Report No. 3613 (see 68-13)	In-house	*?
81	9/15/1969	SUMMARY OF RESULTS AS OF SEPTEMBER 8, 1969 (WATER SAMPLES FROM LAKE MICHIGAN)	WARF	*
82	9/15/1969	FINAL REPORT ON GAS CHROMATOGRAPHY METHOD DEVELOPMENT - 1968 (PARTIAL REPORT ONLY CONTAINS INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 68-10; 68-18; 68-19) Report 3598	In-house	*?
83	10/1/1969	REPORT ON THE OCTOBER 1969 SURVEY OF CHOCCOLOCCO CREEK AND TRIBUTARIES: FISHES AND WATER QUALITY (STUDY TO ENHANCE GENERAL KNOWLEDGE OF FISH FAUNA, DETERMINE WATER QUALITY, STUDY STREAM GEOGRAPHY, AND COLLECT ANIMAL SAMPLES FOR MONSANTO RESIDUE ANALYSIS	Biological Consultants	*
84	1/1/1970	PROGRESS REPORT I LAKE MICHIGAN PESTICIDE INVESTIGATIONS	WARF	*
85	1/1/1970	FINAL REPORT ON SPECIAL SPECTROSCOPY STUDIES 1969 (PARTIAL REPORT CONTAINS ONLY INTRODUCTION, SECTION TITLES, INDEX AND SUMMARY) (see 69-5) Report 3630	In-house	*
86	1/16/1970	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF MCS 975, PYDRAUL 625-A MONSANTO PROJECT NUMBER Y-69-150 (RAT, RABBIT TESTS WITH TABLES INCLUDED)	Younger	None located

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Item	Date	Title	Vendors	Records*
87	1/16/1970	CERTIFICATE OF ANALYSIS (Pydraul AC-A Winter Grade) Y-69-148	Younger	None located
88	1/16/1970	CERTIFICATE OF ANALYSIS (Pydraul AC-A) Y-69-149	Younger	None located
89	2/1/1970	IDENTIFICATION OF POLYCHLORINATED BIPHENYLS BY GAS CHROMATOGRAPHY/ MASS SPECTROMETRY SPECTROSCOPY METHOD 70-1 Report 3684	In-house	*
90	2/16/1970	GAS CHROMATOGRAPHIC DETERMINATION OF 4-CHLOROBIPHENYL IN AROCLOR 1221 PHYSICAL CHEMISTRY METHOD NO. 70-1 (INCLUDES ADDENDUM) Report 3714	In-house	*
91	3/1/1970	STUDY OF AROCLOR CHEMICAL CLEAN-UP PROCEDURES FOR USE WITH ELECTRON CAPTURE GAS CHROMATOGRAPHY METHODS ANALYTICAL CHEMISTRY SPECIAL STUDY 70-4 Report 3688	In-house	*
92	3/1/1970	SOLUBILITY OF AROCLOR 1242, 1248, AND 1254 IN WATER ANALYTICAL CHEMISTRY SPECIAL STUDY 70-5 Report 3688	In-house	*
93	3/1/1970	STUDY OF THE OPEN AIR COMBUSTION OF PAPER CONTAINING AROCLOR 1242 ANALYTICAL CHEMISTRY SPECIAL STUDY 70-6 Report 3688	In-house	*
94	3/1/1970	THE PARTITION OF POLYCHLORINATED BIPHENYLS BETWEEN HEXANE AND VARIOUS ORGANIC POLAR SOLVENTS ANALYTICAL CHEMISTRY SPECIAL STUDY 70-7 Report 3688	In-house	*
95	3/1/1970	EXTRACTION OF AROCLOR 1254 FROM PAINTED SURFACES BY WATER ANALYTICAL CHEMISTRY SPECIAL STUDY 70-8 Report 3688	In-house	*
96	3/27/1970	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF: PYDRAUL 281--LOT QL-42 (PCB)	Younger	None located
97	4/1/1970	STUDY OF THE COMPLETENESS OF THERMAL OXIDATION OF POLYCHLORINATED BIPHENYLS AT JOHN ZINK POLLUTION RESEARCH ANALYTICAL CHEMISTRY SPECIAL STUDY 70-12 Report 3688	In-house	*
98	4/1/1970	RETENTION TIMES AND ELECTRON CAPTURE RESPONSE FACTORS OF SOME POLYCHLORINATED BIPHENYL ISOMERS RELATIVE TO DDE ANALYTICAL CHEMISTRY SPECIAL STUDY 70-13 Report 3688	In-house	*
99	4/1/1970	GAS CHROMATOGRAPHIC DETERMINATION OF LOW BOILERS IN RECLAIMED THERMINOL FR-1 AND FR-2 PHYSICAL CHEMISTRY METHOD NO. 70-12 Report 3714	In-house	*
100	4/1/1970	DETERMINATION OF PCB RESIDUES IN FISH FROM LAKE MICHIGAN ANALYTICAL CHEMISTRY SPECIAL STUDY 70-11 Report 3688	In-house	*
101	5/26/1970	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF: MCS 1009 (PCB)	Younger	None located
102	5/26/1970	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF: MCS 999 (PCB)	Younger	None located
103	6/4/1970	TOXICITY, REPRODUCTION AND RESIDUE STUDY ON AROCLOR 1242, LOT AK-265 AROCLOR 1254 LOT AK-38 AROCLOR 1260, LOT AK-3 IN WHITE LEGHORN CHICKENS	Biotest	*
104	7/1/1970	MONOISOPROPYLBIPHENYL PHYSICAL PROPERTY DETERMINATIONS (PHYSICAL CHEMISTRY SPECIAL STUDY 70-28) Addendum 9/1970 Report 3713	In-house	*
105	7/17/1970	FINAL REPORT ON GAS CHROMATOGRAPHY METHOD DEVELOPMENT - 1969 (PARTIAL REPORT CONTAINS ONLY THE INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 69-13) Report 3658	In-house	*

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106	8/17/1970	TOXICOLOGICAL INVESTIGATION OF: AROCLOR 6062--LOT QM 1304 MONSANTO SAMPLE NUMBER 80 MONSANTO PROJECT NUMBER Y-70-74 (USING RATS AND RABBITS) (PCB/PCT)	Younger	None located
107	9/1/1970	DETERMINATION OF POLYCHLORINATED BIPHENYL RESIDUES IN RATS FROM 30 DAY AROCLOR FEEDING STUDIES ANALYTICAL CHEMISTRY SPECIAL STUDY 70-17 Report 3688	In-house	*
108	11/1/1970	ANALYSIS OF WATER AND SEDIMENT FOR POLYCHLORINATED BIPHENYLS ANALYTICAL CHEMISTRY METHOD 69-13 Report 3677	In-house	*
109	11/1/1970	ANALYSIS OF BIODEGRADATION DATA STATISTICS SPECIAL STUDY 70-22 Report 3682	In-house	*
110	11/1/1970	CHLORINE DISTRIBUTION OF AROCLOR PRODUCTS BY PACKED COLUMN, ELECTRON CAPTURE, GAS CHROMATOGRAPHY/MASS SPECTROMETRY ANALYTICAL CHEMISTRY SPECIAL STUDY 70-18 Report 3688	In-house	*
111	11/1/1970	A TENTATIVE PROCEDURE FOR THE DETERMINATION OF AIRBORNE-POLYCHLORINATED BIPHENYLS ANALYTICAL CHEMISTRY METHOD 70-6 Report 3687	In-house	*
112	11/1/1970	ANALYSIS OF BIOLOGICAL MATERIALS FOR POLYCHLORINATED BIPHENYLS ANALYTICAL CHEMISTRY METHOD 70-1 Report 3687	In-house	*
113	12/1/1970	AROCLOR DEFENSE - 1970 PCB SUPPORT ANALYSIS ANALYTICAL CHEMISTRY SPECIAL STUDY 70-21 Report 3688	In-house	*
114	12/1/1970	PARTICLE SIZE DETERMINATION ON ANNISTON LIMESTONE PIT WASTE EFFLUENT SOLIDS PHYSICAL CHEMISTRY SPECIAL STUDY 70-44 (INCLUDES POLAROID PHOTOMICROGRAPHS OF THE PIT EFFLUENT SOLIDS) Report 3713	In-house	*
115	12/2/1970	TOXICOLOGICAL INVESTIGATION OF AROCLOR 6037 - MCS 1057-1 MONSANTO SAMPLE NUMBER 120 MONSANTO PROJECT NUMBER Y-70-114 (PCB/PCT)	Younger	None located
116	12/14/1970	CERTIFICATE OF ANALYSIS TOXICOLOGICAL INVESTIGATION OF: MCS 1004 -- AROCLOR 4273 LOT NUMBER: OR 151723-3 (TEST RESULTS ON RATS AND RABBITS)	Younger	None located
117	12/30/1970	TOXICOLOGICAL INVESTIGATION OF AROCLOR 6040 CHLORINATED POLYPHENYL MONSANTO SAMPLE NUMBER 129 MONSANTO PROJECT NUMBER Y-70-123 (PCB/PCT)	Younger	None located
118	12/30/1970	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION USING RATS AND RABBITS) (Aroclor 6070) Y-70-125 (PCB/PCT)	Younger	None located
119	12/30/1970	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION USING RATS AND RABBITS) (Aroclor 6090) Y-70-126 (PCB/PCT)	Younger	None located
120	1/1/1971	TOXICOLOGICAL STUDIES WITH POLYCHLORINATED BIPHENYLS (RAT, DOG, WHITE LEGHORN CHICKENS)	Biotest	*
121	1/1/1971	FINAL REPORT ON ANALYTICAL CHEMISTRY INVESTIGATIONS - 1970 SPECIAL STUDIES (PARTIAL REPORT CONTAINS ONLY INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 70-4; 70-5; 70-6; 70-8; 70-11; 70-13; 70-17; 70-18; 70-21) Report 3688	In-house	*

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122	1/1/1971	FINAL REPORT ON ANALYTICAL CHEMISTRY INVESTIGATIONS - 1970 METHOD DEVELOPMENT - GENERAL UTILITY (PARTIAL REPORT CONTAINS ONLY INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 70-1; 70-6) Report 3687	In-house	*
123	1/1/1971	FINAL REPORT ON SPECTROSCOPY METHODS DEVELOPED - 1970 (PARTIAL REPORT - ONLY CONTAINS METHOD INDEX); Report No. 3684 (see 70-1; 70-12; 70-16; 70-17; 70-18; 70-19; 70-23; 70-25)	In-house	*
124	1/22/1971	COMPOSITION OF COMPETITIVE POLYCHLORINATED BIPHENYL PRODUCTS MEMO, R.E. KELLER TO A.F. REGAN, 11-5-70 (COVER FOR RESULTS OF ISOMER ANALYSES) Report 3784 71-3)	In-house	*
125	1/28/1971	REPORT TO MONSANTO COMPANY ACUTE VAPOR INHALATION TOXICITY STUDY WITH MCS 1016 IN ALBINO RATS	Biotest	*
126	2/1/1971	MCS 1016 - AN ENVIRONMENTALLY COMPATIBLE AROCLOR ANALYTICAL CHEMISTRY SPECIAL STUDY 71-2 Report 3819	In-house	*
127	3/1/1971	DETERMINATION OF POLYCHLORINATED BIPHENYL RESIDUES IN WHITE LEGHORN CHICKENS FROM A TOXICITY, REPRODUCTION AND RESIDUE STUDY WITH AROCLOR 1242, AROCLOR 1254, AND AROCLOR 1260 ANALYTICAL CHEMISTRY SPECIAL STUDY 71-3 Report 3819	In-house	*
128	3/1/1971	ANALYSIS OF ANNISTON PLANT WASTE EFFLUENT FOR TRACE ORGANIC COMPONENT SPECTROSCOPY SPECIAL STUDY 71-14 Report 3785	In-house	*
129	3/1/1971	STUDY OF OPERATING VARIABLES IN THE ACTIVATED SLUDGE BIODEGRADABILITY TEST STATISTICS SPECIAL STUDY 71-2 Report 3760	In-house	*
130	3/25/1971	ACUTE TOXICITY STUDIES WITH AROCLOR 1221, AROCLOR 5442, AND MCS 1016 (SPECIES-ALBINO RAT, ALBINO RABBIT)	Biotest	*
131	4/1/1971	COMPOSITION OF CHLORINATED BIPHENYL PRODUCTS IN THE RANGE FROM 8 TO 42% CHLORINATION LEVEL 71-11 Job no. 1711022 Report 3784	In-house	*
132	5/1/1971	GAS CHROMATOGRAPHIC DETERMINATION OF PENTA - AND HEXA - CHLOROBIPHENYLS IN AROCLOR 1242 AND MCS 1016 PHYSICAL CHEMISTRY METHOD NO. 71-11 Report 3783	In-house	*
133	6/13/1971	IMPROVED METHOD FOR THE GAS CHROMATOGRAPHIC DETERMINATION OF CHLORINATED BIPHENYL ISOMERS IN AROCLOR PRODUCTS PHYSICAL CHEMISTRY METHOD NO. 70-20 Report 3714	In-house	*
134	6/1/1971	DETERMINATION OF AROCLORS AND RELATED PRODUCTS IN MIXED LIQUOR SAMPLES FROM SEMI-CONTINUOUS ACTIVATED SLUDGE UNITS BY ULTRAVIOLET ABSORPTION (71-17) Report 3820	In-house	*
135	6/8/1971	CERTIFICATE OF ANALYSIS (AROCLOR 1272 TESTED ON RATS AND RABBITS)	Younger	None located
136	6/15/1971	REPORT TO MONSANTO COMPANY TOXICITY REPRODUCTION AND RESIDUE STUDY WITH AROCLOR 1242 LOT (NUMBER) AK-255 IN WHITE LEGHORN CHICKENS	Biotest	*
137	6/28/1971	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF DECACHLOROBIPHENYL-AROCLOR 1272-LOT: OR 179021; NEW ZEALAND RABBITS, SPRAGUE-DAWLEY ALBINO RATS)	Younger	None located

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Available Information on Biological and Environmental Reports and Studies Relating to PCBs and PCB Containing Products

*Certain invoices/cost information located but records are incomplete

Item	Date	Title	Vendors	Records*
138	8/1/1971	BIODEGRADATION STUDIES COMPARISON OF MCS 1016 WITH AROCLOR 1142 RESIDUE STATISTICS SPECIAL STUDY 71-12 Report 3760	In-house	*
139	9/8/1971	TERATOGENIC STUDY WITH AROCLOR 1254 IN ALBINO RATS (IBT NO. B9351)	Biotest	*
140	09/08/71	"Report to Monsanto Company - Teratogenic Study with Aroclor 1242 in Albino Rats" Bio-Test BT-71-71 (B9350)	Biotest	*
141	9/9/1971	REPORT TO MONSANTO COMPANY TERATOGENIC STUDY WITH AROCLOR 1260 IN ALBINO RATS SEPTEMBER 9, 1971 IBT NO B9352	Biotest	*
142	9/16/1971	MONSANTO COMPANY, FOURTH QUARTERLY TRIP, FIRST YEAR OF SURVEY (FISHES FOR RESIDUE ANALYSIS; TURNED OVER TO MONSANTO COMPANY-SUMMARY OF TOTAL COLLECTED)	Biological Consultants	*
143	10/1/1971	ANALYSIS OF ENVIRONMENTAL MATERIALS FOR POLYCHLORINATED BIPHENYLS (METHOD 71-35) Report 3820	In-house	*
144	10/1/1971	SUGGESTED PROCEDURE FOR BIODEGRADABILITY SCREENING STATISTICS SPECIAL STUDY 71-17 Report 3760	In-house	*
145	10/1/1971	DETERMINATION OF POLYCHLORINATED BIPHENYL RESIDUES IN ALBINO RATS FROM A TWO-YEAR CHRONIC ORAL TOXICITY STUDY ANALYTICAL CHEMISTRY SPECIAL STUDY 71-7 Report 3819	In-house	*
146	10/1/1971	GAS CHROMATOGRAPHIC DETERMINATION OF PENTA - AND HEXA-CHLOROBIPHENYLS IN AROCLOR 1016 AND AROCLOR 1242 (METHOD NO. 71-11A) Report 3783	In-house	*
147	10/26/1971	GAS CHROMATOGRAPHIC ANALYSIS DETERMINATION OF 4,4 -DICHLOROBIPHENYL IN AROCLOR PRODUCTS PHYSICAL CHEMISTRY METHOD NO. 71-18 Report 3783	In-house	*
148	11/1/1971	REPORT TO MONSANTO COMPANY THREE GENERATION REPRODUCTION STUDY WITH AROCLOR 1242 IN ALBINO RATS	Biotest	*
149	11/1/1971	Report to Monsanto Company, Two-Year Chronic Oral Toxicity Study with Aroclor 1254 in Beagle Dogs, IBT No. C7299	Biotest	*
150	11/1/1971	Report to Monsanto Company, Two-Year Chronic Oral Toxicity Study with Aroclor 1242 in Beagle Dogs, IBT No. C7299	Biotest	*
151	11/1/1971	Report to Monsanto Company, Two-Year Chronic Oral Toxicity Study with Aroclor 1260 in Beagle Dogs, IBT No. C7299	Biotest	*
152	11/1/1971	THREE-GENERATION REPRODUCTION STUDY WITH AROCLOR 1254 IN ALBINO RATS	Biotest	*
153	11/4/1971	REPORT TO MONSANTO COMPANY THREE-GENERATION REPRODUCTION STUDY WITH AROCLOR 1260 IN ALBINO RATS NOVEMBER 4, 1971 IBT NO. B7297	Biotest	*
154	11/12/1971	REPORT TO MONSANTO COMPANY TWO-YEAR CHRONIC ORAL TOXICITY WITH AROCLOR 1260 IN ALBINO RATS	Biotest	*
155	11/12/1971	Report to Monsanto Company, Two-Year Chronic Oral Toxicity Study with Aroclor 1254 in Albino Rats, IBT No. B7298	Biotest	*
156	11/12/1971	Report to Monsanto Company, Two-Year Chronic Oral Toxicity with Aroclor 1242 in Albino Rats, IBT No. B7298	Biotest	*
157	12/1/1971	"Bioassay Report - Acute Toxicity of Aroclor 1016, Aroclor 1242, and DDT to Bluegill and Channel Catfish During 21 Days Continuous Exposure to Chemicals in Water" Bionomics	Bionomics	*

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Item	Date	Title	Vendors	Records*
158	12/1/1971	ANALYSIS OF RECOVERED PYDRAUL 312 FROM CENTRAL FOUNDRY SPECTROSCOPY SPECIAL STUDY 71-31 Report 3785	In-house	*
159	12/1/1971	PCB RESIDUES IN BEAGLE DOGS 71-25 Job no. 8505016 Report 3760	In-house	*
160	12/1/1971	BIODEGRADATION TESTING OF POLYCHLORINATED BIPHENYLS ANALYTICAL CHEMISTRY SPECIAL STUDY 71-6 Report 3819	In-house	*
161	12/1/1971	PERCHLORINATION OF POLYCHLORINATED BIPHENYLS AND TERPHENYLS PRIOR TO ELECTRON CAPTURE GAS CHROMATOGRAPHY 71-1 Job no. 1348006 8501006 Report 3804	In-house	*
162	12/9/1971	MONSANTO COMPANY, FIRST QUARTERLY TRIP, SECOND YEAR OF SURVEY (FISHES FOR RESIDUE ANALYSIS; TURNED OVER TO MONSANTO COMPANY, DECEMBER 9,1971.)	Biological Consultants	*
163	12/30/1971	NINETY-DAY SUB ACUTE ORAL TOXICITY STUDY WITH AROCLOR 1221 IN BEAGLE DOGS	Biotest	*
164	1/1/1972	POLYCHLORINATED BIPHENYL BIODEGRADATION STUDIES	In-House	*
165	1/1/1972	RESULTS OF FOUR-DAY STATIC FISH TOXICITY STUDIES RAINBOW TROUT AND BLUEGILLS BTL 72-82 (Aroclor 1242)	Biotest	*
166	1/1/1972	TOXICOLOGICAL STUDIES OF THREE POLYCHLORINATED BIPHENYLS	Biotest	None located
167	1/1/1972	RESULTS OF FOUR DAY STATIC FISH TOXICITY STUDIES RAINBOW TROUT Aroclor 1260 BTL 72-64	Biotest	None located
168	1/1/1972	FINAL PROGRESS REPORT TO MONSANTO COMPANY, RESIDUE DATA, NOVEMBER, 1970 TO NOVEMBER, 1972 (FISH)	Biological Consultants	*
169	1/1/1972	FINAL REPORT ON SPECIAL SPECTROSCOPY STUDIES 1971 (PARTIAL REPORT CONTAINS ONLY INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 71-14; 71-31) Report 3785	In-house	*?
170	1/12/1972	CERTIFICATE OF ANALYSIS (TOXICOLOGICAL INVESTIGATION OF MCS 1230 GERMAN MINE FLUID--LOT: OR 162483) (PCB)	Younger	None located
171	1/12/1972	FOUR DAY STATIC FISH TOXICITY STUDIES WITH AROCLOR 1221, AROCLOR 5432, AROCLOR 5442, AROCLOR 5460, AND MCS 1016 IN BLUEGILLS AND CHANNEL CATFISH (LEPOMIS MACROCHIRUS AND ICTALURUS PUNCTATUS)	Biotest	None located
172	1/13/1972	MUTAGENIC STUDY WITH AROCLOR 1260 IN ALBINO MICE	Biotest	None located
173	1/13/1972	MUTAGENIC STUDY WITH AROCLOR 1254 IN ALBINO MICE	Biotest	None located
174	1/13/1972	MUTAGENIC STUDY WITH AROCLOR 1242 IN ALBINO MICE	Biotest	None located
175	1/31/1972	ENVIRONMENTAL ANALYTICAL PROGRAM - TOXICOLOGY SUPPORT STUDIES (LEGHORN CHICKENS)	In-House	None located
176	1/31/1972	REPORT TO MONSANTO COMPANY 90-DAY SUB ACUTE ORAL TOXICITY STUDY WITH MCS 1016 IN BEAGLE DOGS (PCB)	Biotest	None located
177	3/1/1972	FINAL REPORT ON STATISTICAL APPLICATIONS - 1971 SPECIAL STUDIES (ALBINO RATS, LEGHORN CHICKENS AND BEAGLE DOGS) (PARTIAL REPORT CONTAINS ONLY INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 71-2; 71-12; 71-17; 71-25) Report 3760	In-house	*?

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Item	Date	Title	Vendors	Records*
178	3/1/1972	NATIONAL BROILER COUNCIL INTERLABORATORY PCB METHODOLOGY CHECK 72-6 Job no. 8505016 Report 3818	In-house	None located
179	3/1/1972	ROUND ROBIN STUDY - PCB IN WATER 72-5 Job no. 8505016 Report 3818	In-house	None located
180	3/8/1972	(PROPOSAL FOR ENVIRONMENTAL PERSISTENCE STUDIES WITH PCBS)	Inveresk Research International (Europe)	None located
181	4/1/1972	POLYCHLORINATED BIPHENYL BIODEGRADATION (SEMI-CONTINUOUS ACTIVATED SLUDGE INCLUDES CHARTS AND GRAPHS) BLUE GILLS CATFISH, LEGHORN CHICKENS, ALBINO RATS, BEAGLE DOGS)	In-House	*
182	4/28/1972	REPORT TO MONSANTO COMPANY 90-DAY SUB ACUTE ORAL TOXICITY STUDY WITH MCS 1016 IN ALBINO RATS (NO HISTOPATHOLOGIC CHANGES ATTRIBUTED TO TEST MATERIAL);	Biotest	None located
183	4/28/1972	REPORT TO MONSANTO COMPANY 90-DAY SUB ACUTE ORAL TOXICITY STUDY WITH AROCLOR 1221 IN ALBINO RATS, APRIL 28, 1972, IBT NO. B9888 (TESTS INDICATING NO CHANGES ATTRIBUTED TO TEST MATERIAL)	Biotest	None located
184	6/30/1972	MONSANTO COMPANY, SECOND QUARTERLY TRIP, SECOND YEAR OF SURVEY MAY 30-JUNE 1, 1972 PART II -- FISHES FOR ICHTHYOLOGICAL SURVEY (LIST OF SPECIES AND LOCAL)	Biological Consultants	*
185	6/9/1972	(RESIDUE DATA ON VARIOUS FISH SPECIES AROUND THE ANNISTON PLANT)	Biological Consultants	*
186	6/20/1972	REPORT TO MONSANTO COMPANY TOXICITY, REPRODUCTION AND RESIDUE STUDY WITH MCS 1016 IN WHITE LEGHORN CHICKENS	Biotest	None located
187	6/20/1972	REPORT TO MONSANTO COMPANY TOXICITY, REPRODUCTION AND RESIDUE STUDY WITH AROCLOR 1221 IN WHITE LEGHORN CHICKENS	Biotest	None located
188	8/3/1972	CERTIFICATE OF ANALYSIS (TOXICITY OF THERMINOL 77 IN RATS AND RABBITS)	Younger	None located
189	9/1/1972	REPORT TO MONSANTO COMPANY RESULTS OF FOUR-DAY STATIC FISH TOXICITY STUDIES RAINBOW TROUT BTL 72-64 (Aroclor 1260)	Biotest	None located
190	9/14/1972	FISHES FOR ICHTHYOLOGICAL SURVEY (FOURTH QUARTERLY TRIP, SECOND YEAR OF SURVEY)	Biological Consultants	*
191	10/1/1972	MONSANTO COMPANY, FOURTH QUARTERLY TRIP, SECOND YEAR OF SURVEY SEPTEMBER 12-14, 1972 PART I---FISHES FOR RESIDUE ANALYSIS; TURNED OVER TO MONSANTO COMPANY, SEPTEMBER 13-14, 1972 (LIST OF FISH WITH SCIENTIFIC AND COMMON NAMES, AND SAMPLE SITES)	Biological Consultants	*
192	11/1/1972	FINAL PROGRESS REPORT TO MONSANTO COMPANY, RESIDUE DATA, NOVEMBER,1970 TO NOVEMBER (FISH)	Biological Consultants	*
193	11/17/1972	REPORT TO MONSANTO COMPANY FOUR-DAY FISH TOXICITY STUDIES WITH AROCLOR 1242, AROCLOR 1254, AND AROCLOR 1260 IN BLUEGILLS AND CHANNEL CATFISH	Biotest	None located
194	12/1/1972	DETERMINATION OF POLYCHLORINATED BIPHENYL RESIDUES IN BEAGLE DOG TISSUE FROM A TWO-YEAR CHRONIC ORAL TOXICITY STUDY ANALYTICAL CHEMISTRY SPECIAL STUDY 71-9 Report 3819	In-house	None located
195	12/1/1972	AROCLOR 1016 SOIL MIGRATION STUDIES ANALYTICAL CHEMISTRY SPECIAL STUDY 72-6 Report 3895	In-house	None located

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Item	Date	Title	Vendors	Records*
196	12/1/1972	DETERMINATION OF POLYCHLORINATED BIPHENYLS IN MHA ANALYTICAL CHEMISTRY METHOD NO. 71-27 Report 3820	In-house	None located
197	1/1/1973	THE EVALUATION OF BARRIER COATINGS IN FARM SILOS WHICH WERE PCB-CONTAMINATED	Ohio State/Ohio Agricultural/Willett	*
198	1/1/1973	DECONTAMINATION OF SILOS CONTAMINATED WITH POLYCHLORINATED BIPHENYLS (PCB'S) --SOME IMPORTANT CONSIDERATIONS	Ohio State/Ohio Agricultural/Willett	*
199	1/1/1973	THE DEGRADATION OF POLYCHLORINATED BIPHENYLS BY MICRO-ORGANISMS (INCLUDES GRAPHS)	In-House (Europe)	None located
200	1/1/1973	MIGRATION OF POLYCHLORINATED BIPHENYLS IN SOIL INDUCED BY PERCOLATING WATER	In-House	None located
201	1/1/1973	FINAL PROGRESS REPORT TO MONSANTO COMPANY, RESIDUE DATA, NOVEMBER, 1970 TO NOVEMBER, 1972	Biological Consultants	*
202	1/1/1973	BIODEGRADATION TESTING OF AROCLOR 1016 AND AROCLOR 1142 DISTILLATION RESIDUE ANALYTICAL CHEMISTRY SPECIAL STUDY 71-1 Report 3819	In-house	None located
203	3/1/1973	ANALYTICAL CHEMISTRY INVESTIGATIONS - 1971 METHOD DEVELOPMENT - GENERAL UTILITY (POULTRY, FISH & ALBINO RATS) (PARTIAL REPORT CONTAINS ONLY THE INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 71-17; 71-27; 71-35) Report 3820	In-house	*?
204	3/1/1973	ANALYTICAL CHEMISTRY INVESTIGATIONS - 1971 SPECIAL STUDIES (ALBINO RATS, WHITE LEGHORN CHICKENS, & BEAGLE DOGS) (PARTIAL REPORT CONTAINS ONLY THE INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) Report No. 3819 (see 71-6; 71-7; 71-9) Report 3819	In-house	*?
205	6/7/1973	"Report to IBT Research - Toxicity and Reproduction Study with Aroclor 1242 in White Leghorn Chickens" Bio-Test BT-73-70 (J1291)	Biotest	None located
206	9/10/1973	REPORT (ANALYSIS FOR PCB)	WARF	*
207	9/17/1973	TOXICOLOGICAL INVESTIGATION OF MCS 1489 (PCB) (RC MIC 231499 MONSANTO PROJECT NUMBER Y-73-158)	Younger	None located
208	10/1/1973	DETERMINATION OF POLYCHLORINATED BIPHENYLS IN THERMINOL 55 BY ELECTRON CAPTURE GAS CHROMATOGRAPHY 73-8 Job no.1048006 Report 3935	In-house	None located
209	10/1/1973	DETERMINATION OF POLYCHLORINATED BIPHENYLS IN THERMINOL 66 BY ELECTRON CAPTURE GAS CHROMATOGRAPHY 73-9 Job no. 1048006 Report 3935	In-house	None located
210	12/1/1973	COATINGS AS BARRIERS TO PREVENT POLYCHLORINATED BIPHENYL CONTAMINATION OF SILAGE	Ohio State/Ohio Agricultural/Willett	*
211	1/1/1974	INVERESK STUDIES (MODEL ECOSYSTEM, INCLUDING FISH, MOLLUSCA, WEED, CRUSTACEA, MUD & ALGAE; CONSUMPTION OF A-1254 & A-1242; MOVEMENT OF PCBS IN ECOSYSTEM) with attached graph	Inveresk Research International (Europe)	None located
212	1/1/1974	RUABON POND EXPERIMENTS	In-House (Europe)	None located
213	1/1/1974	BIODEGRADATION OF POLYCHLORINATED BIPHENYLS	In-House	*
214	1/1/1974	DETERMINATION OF MONOCHLOROBIPHENYL IN SEMI-CONTINUOUS ACTIVATED SLUDGE MIXED LIQUOR SAMPLES 73-24 Job no, 1020006 Report 3935	In-house	None located

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Item	Date	Title	Vendors	Records*
215	1/31/1974	REPORT TO MONSANTO COMPANY 90-DAY SUB-ACUTE ORAL TOXICITY STUDY WITH AROCLOR 5432 IN BEAGLE DOGS	Biotest	None located
216	06/08/74	Animal Feeding Studies for Tissue Residue Analysis Younger Y-74-46-Y-74-55 (mix PCB and non-PCB)	Younger	*
217	6/12/1974	SPECIAL SURVEY---COLLECTION OF FISHES FOR RESIDUE ANALYSIS	Biological Consultants	*
218	7/1/1974	GAS CHROMATOGRAPHIC DETERMINATION OF CHLORINATED BIPHENYL ISOMERS IN AROCLOR PRODUCTS 73-19 Job no. 1016022 Report 3908	In-house	None located
219	8/1/1974	DETERMINATION OF THE WEIGHT PERCENT HOMOLOG COMPOSITION OF AROCLOR 1016 ANALYTICAL CHEMISTRY SPECIAL STUDY 74-4 Report 3968	In-house	None located
220	8/1/1974	BIODEGRADABILITY OF AROCLOR 1221 ANALYTICAL CHEMISTRY SPECIAL STUDY 72-17 Report 3895	In-house	None located
221	9/1/1974	A SUB ACUTE ORAL FEEDING STUDY OF DIELECTRIC FLUIDS AND REPLACEMENT CANDIDATES (ANALYTICAL CHEMISTRY SPECIAL STUDY NO. 74-6)	In-House	None located
222	9/1/1974	BIODEGRADATION DIE-AWAY TESTING OF AROCLOR 1016, AROCLOR 1242 AND AROCLOR 1142 DISTILLATION RESIDUES 72-19 Job no. 1650006 Report 3895	In-house	None located
223	9/25/1974	(TRANSMITTAL OF PCB RESIDUE DATA FROM FISH CAUGHT NEAR THE ANNISTON PLANT)	Biological Consultants	*
224	10/4/1974	(INFORMATION ON DEFORMITIES IN GOLDFISH AND SUNFISH EXPOSED TO PCBS NEAR ANNISTON PLANT)	Biological Consultants	*
225	10/11/1974	Toxicological Investigation of: MCS 1043 Younger Y-74-207 (PCB)	Younger	None located
226	10/11/1974	Toxicological Investigation of: MCS 1717 Younger Y-74-208 (PCB)	Younger	None located
227	10/23/1974	"Report to Monsanto Company - Results of Four-Day Static Fish Toxicity Screen - Rainbow Trout and Bluegills" Bio-Test BTL-74-69 (621-05890) (PCB) (MCS 1489)	Biotest	None located
228	10/23/1974	"Report to Monsanto Company - Results of Four-Day Static Fish Toxicity Screen - Rainbow Trout and Bluegills" Bio-Test BTL-74-72 (621-05890) (PCB) (MCS 1717)	Biotest	None located
229	10/26/1974	(ANALYSIS OF RESIDUE DATA ON VARIOUS SPECIES OF FISH)	Biological Consultants	*
230	11/1/1974	ANALYTICAL CHEMISTRY INVESTIGATIONS - 1972 SPECIAL STUDIES REPORT NO 3895 JOB NO 43-000-760,21-85010 (PARTIAL REPORT CONTAINS ONLY THE INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 72-6; 72-17; 72-19) Report 3895	In-house	None located
231	1/1/1975	TISSUE RESIDUES FROM SUB ACUTE ORAL FEEDING OF POLYCHLORINATED BIPHENYL DIELECTRIC FLUIDS (ALBINO RATS)	In-House	None located
232	1/1/1975	DETERMINATION OF POLYCHLORINATED BIPHENYL RESIDUES IN ALBINO RAT AND BEAGLE DOG TISSUES FROM A 90 DAY SUBACUTE ORAL TOXICITY STUDY ANALYTICAL CHEMISTRY SPECIAL STUDY 73-26 (DISCUSSES IBT TEST NUMBERS 9888C, 9888D, 9885 AND 9887) Report 3967	In-House	None located
233	1/1/1975	INVERESK STUDIES (CONSUMPTION OF VARIOUS PCB PRODUCTS IN MODEL ECOSYSTEMS)	Inveresk Research International (Europe)	None located
234	1/1/1975	REPORT ON HISTOPATHOLOGICAL RE-EVALUATION OF TISSUES FROM FEMALE SHERMAN RATS FED AROCLOR 1260 (INCLUDING TOXICITY OF MICE)	Eppley Institute	None located

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Item	Date	Title	Vendors	Records*
235	2/3/1975	(SUMMARY OF OBSERVATION OF LESIONS SEEN IN KIMBROUGH'S STUDY OF AROCLOR 1260)	Biotest	None located
236	3/14/1975	THE DEGRADATION OF POLYCHLORINATED BIPHENYLS BY MICRO-ORGANISMS (BIODEGRADATION OF POLYCHLORINATED BIPHENYLS)	In-House	*
237	03/24/75	"Report to Monsanto Company - Two-Year Chronic Oral Toxicity Study with Aroclor 1242 in Albino Rats - Histopathological Evaluation of Additional Liver Sections" Bio-Test BT-71-69 (641-06672)	Biotest	None located
238	03/24/75	"Report to Monsanto Company - Two-Year Chronic Oral Toxicity Study with Aroclor 1254 in Albino Rats - Histopathological Evaluation of Additional Liver Sections" Bio-Test BT-71-69 (641-06672)	Biotest	None located
239	03/24/75	"Report to Monsanto Company - Two-Year Chronic Oral Toxicity Study with Aroclor 1260 in Albino Rats - Histopathological Evaluation of Additional Liver Sections" Bio-Test BT-71-69 (641-06672)	Biotest	None located
240	3/28/1975	ACTIVATED SLUDGE PRIMARY BIODEGRADATION OF POLYCHLORINATED BIPHENYLS	In-House	*
241	5/1/1975	BIODEGRADABILITY OF MONOCHLOROBIPHENYL (MCS 1547) ANALYTICAL CHEMISTRY SPECIAL STUDY 74-9 Report 3968	In-house	None located
242	5/1/1975	TISSUE RESIDUES FROM SUBACUTE ORAL FEEDING OF DIELECTRIC FLUIDS AND REPLACEMENT CANDIDATES ANALYTICAL CHEMISTRY SPECIAL STUDY 74-6 Report 3968	In-house	None located
243	7/1/1975	POND EXPERIMENT (PCB IN FISH AND WATER); Ruabon	In-House (Europe)	None located
244	8/1/1975	REPORT ON HISTOPATHOLOGICAL RE-EVALUATION OF LIVERS FROM RATS TREATED WITH AROCLOR	Eppley Institute	None located
245	10/22/1975	TOXICOLOGIC INVESTIGATION OF AROCLOR 1016 (PCB) (ALBINO RATS AND RABBITS TESTED PROJECT NUMBER Y-75-252)	Younger	None located
246	10/31/1975	HISTOPATHOLOGICAL RE-EVALUATION OF TISSUES FROM FEMALE SHERMAN RATS FED AROCLOR 1260	Eppley Institute	None located
247	11/1/1975	DETERMINATION OF AROCLOR 1016 IN AIR AT ELECTRIC UTILITIES COMPANY LASALLE ILLINOIS SPECTROSCOPY S-75-SS-42 Report 3979	In-house	None located
248	1/1/1976	FINAL REPORT ON ANALYTICAL CHEMISTRY INVESTIGATIONS - 1973 SPECIAL STUDIES ST. LOUIS RESEARCH REPORT NO. 3967 (PARTIAL REPORT CONTAINS ONLY THE INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 73-26; 73-27)	In-house	None located
249	1/1/1976	FINAL REPORT ON ANALYTICAL CHEMISTRY INVESTIGATIONS - 1974 SPECIAL STUDIES REPORT NO. 3968 (PARTIAL REPORT CONTAINS ONLY THE INDEX, SECTION TITLES, INTRODUCTION AND SUMMARY) (see 74-6; 74-9)	In-house	None located
250	7/1/1976	BIODEGRADABILITY OF PROCESS FLUIDS AND RELATED MATERIALS ANALYTICAL CHEMISTRY SPECIAL STUDY AC-75-SS-15 Report 3991	In-house	None located
251	7/1/1976	BIODEGRADABILITY OF DIELECTRIC FLUIDS AND COMPONENTS ANALYTICAL CHEMISTRY SPECIAL STUDY AC-75-SS-16 Report 3991	In-house	None located
252	12/1/1976	METHOD FOR THE QUANTITATIVE DETERMINATION OF POLYCHLOROBIPHENYL IN WORKPLACE AIR S-76-M-24 Report 126	In-house	None located
253	1/1/1976	A MORTALITY STUDY OF WORKERS EXPOSED TO POLYCHLORINATED BIPHENYLS	In-House	None located

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254	4/7/1978	WORK PLAN FOR THE ANALYSIS OF PCB CONTENT IN FAT TISSUE SPECIMENS	In-house Monsanto Research Corp.	*
255	12/14/1979	A RETROSPECTIVE MORTALITY STUDY OF POLYCHLORINATED BIPHENYL MANUFACTURING WORKERS	In-House	None located
256	1/1/1980	PCB DEGRADATION: TRANSFORMATION BY ANAEROBIC BACTERIA FROM THE HUDSON RIVER	New York University	*
257	1/1/1980	FUNGAL DEGRADATION OF PCBS (ABSTRACT)	New York University	*
258	7/1/1980	DETERMINATION OF BIPHENYL (BP) POLYCHLORINATED BIPHENYLS (PCBS) AND HEXACHLOROBENZENE (HCB) IN LOW BOILING MATRICES REPORT ES-80-M-11 Report MSL 1567	In-house	None located
259	9/19/1980	REPORT ES-80-SS-18 POLYCHLORINATED BIPHENYLS IN SAMPLES FROM CAULKS CREEK SITE Report MSL 1568	In-house	None located
260	1980	MEASUREMENT OF SELECTED CHEMICALS IN SOIL FROM THE DEAD CREEK SITE ILLINOIS EPA SPLIT SAMPLES REPORT ES-80-SS-24 Report MSL 1568	In-house	None located
261	1980	MEASUREMENT OF SELECTED CHEMICALS IN SOIL FROM THE DEAD CREEK SITE WG KRUMMRICH PLANT SAMPLINGS ES-80-SS-26 Report MSL 1568	In-house	None located
262	1980	MEASUREMENT OF SELECTED CHEMICALS IN SOIL FROM THE DEAD CREEK SITE REPORT ES-80-SS-27 Report MSL 1567	In-house	None located
263	10/1/1980	DETERMINATION OF POLYCHLORINATED BIPHENYLS (PCBS) IN SOIL AND SEDIMENT REPORT ES-80-M-28 Report MSL 1567	In-house	None located
264	1/1/1981	DEGRADATION OF POLYCHLORINATED BIPHENYLS	MIT	*
265	2/27/1981	MEASUREMENT OF POLYCHLORINATED BIPHENYLS IN SOIL CORES FROM WG KRUMMRICH PLANT STUDY ES-81-SS-17 Report MSL 2327	In-house	None located
266	4/30/1981	FINAL REPORT EFFECTS OF PCB ON THE REPRODUCTIVE PERFORMANCE OF THE RHESUS MONKEY (MACACA MULATTA)	Bionetics	*
267	4/30/1981	FINAL REPORT APPENDIX VOLUME I APPENDICES A-B-C-D-E (EFFECTS OF PCB ON THE REPRODUCTIVE PERFORMANCE OF THE RHESUS MONKEY MACACA MULATTA)	Bionetics	*
268	4/30/1981	FINAL REPORT APPENDIX VOLUME II APPENDIX F (EFFECTS OF PCB ON THE REPRODUCTIVE PERFORMANCE OF THE RHESUS MONKEY MACACA MULATTA)	Bionetics	*
269	4/30/1981	FINAL REPORT APPENDIX VOLUME III APPENDIX G (EFFECTS OF PCB ON THE REPRODUCTIVE PERFORMANCE OF THE RHESUS MONKEY MACACA MULATTA)	Bionetics	*
270	8/27/1981	STATISTICAL ANALYSIS OF PCB CONTENT OF MONKEY TISSUE STUDY S-81-SS-2 Report MSL 2211	In-house	None located
271	9/15/1981	THE EPIDEMIOLOGY OF PCBS	In-House	None located
272	10/14/1981	A REVIEW AND EVALUATION OF CARCINOGENICITY STUDIES IN MICE AND RATS AND MUTAGENICITY STUDIES WITH PCBS (REPORT NO. MSL-2003)	In-House	None located
273	10/14/1981	TOXICITY OF AROCLOR PRODUCTS 1242, 1254 AND 1260 TO THE LIVER OF ALBINO RATS (REPORT MSL-2002)	In-house	None located
274	9/16/1982	ANALYSIS OF PORT PLASTICS SERUM SAMPLES FOR PCBS REPORT MDA-323	In-House	*
275	2/1/1983	A RETROSPECTIVE MORTALITY STUDY OF POLYCHLORINATED BIPHENYL MANUFACTURING WORKERS	In-House	None located

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Available Information on Biological and Environmental Reports and Studies Relating to PCBs and PCB Containing Products

*Certain invoices/cost information located but records are incomplete

Item	Date	Title	Vendors	Records*
276	2/25/1983	PCB CONTENT OF MONKEY TISSUE REPORT NO. MDA-041	In-House	*
277	11/6/1984	RESPONSES OF LACTATING DAIRY COWS TO POLYCHLORINATED BIPHENYLS PHASE II EXPANDED	Ohio State/Ohio Agricultural/Willett	*
278	2/21/1986	FINAL REPORT RESPONSES OF LACTATING DAIRY COWS TO POLYCHLORINATED BIPHENYL (WITH ATTACHED STUDY ABSTRACTS)	Ohio State/Ohio Agricultural/Willett	*

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