Monsanto

Copy JJ Vick

FROM (NAME & LOCATION) D. K. Mitchell

DATE September 28, 1970

cc W. H. Dragowet
J. E. Lip
R. M. Warner

SUBJECT PCB Analysis

REFERENCE

TO B. T. Dean

The following compilation lists all analyses on PCB presently in our files. The data on pages 1 through 6 are listed in chronological order. The remaining pages are analyses by the Bureau of Commercial Fisheries and are so presented as received.

D. K. Mitchell

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MONS 099924

EXHIBIT 31

WATER_PCB-SD0000017892

Date	Sample	Location	Result	Analyst	Reference
6/5/69	Fish	Flounder Liver Mulatto Bayou	76.ppm	Duke	Federal Report
6/5/69	Fish	Flounder Muscle Mulatto Bayou	4.5 ppm	Duke	Federal Report
6/5/69	Fish	Flounder Gills Mulatto Bayou	19. ppm	Duke	Federal Report
6/5/69	Fish	Croaker Mulatto Bayou	12.ppm	Duke	Federal Report
6/5/69	Fish	Menhaden Mulatto Bayou	11.ppm	Duke	Federal Report
6/5/69	Fish	Pinfish Mulatto Bayou	10.ppm	Duke	Federal Report
7/1/69	Fish	Menhaden Mulatto Bayou	12. ppm	Duke	Federal Report
7/1/69	Shrimp	Mulatto Bayou	1.5 ppm	Duke	Federal Report
7/1/69	Sediment	Mulatto Bayou	N.D.	Duke	Federal Report
7/8/69	Sediment	Highway 90	1.7 ppm	Duke	Federal Report
8/11/69	Water	Pensacola Plant East Ditch	74.8 ppB	E.S. Tucker	Samples sent to St. Louis
8/11/69	Water	Monsanto Plant Outfall Ditch	12.5 ppB	E.S. Tucker	Samples sent to St. Louis
8/11/69	Water	Escambia River at Station "D" below plant	4.7 ppB	E.S. Tucker	Samples sent to St. Louis
8/11/69	Water	Escambia River at Station "W" above plant	0 ppB	E.S. Tucker	Samples sent to St. Louis
8/13/69	Blue Crab	Northern Escambia Bay	7.0 ppm	Duke	Federal Report
8/14/69	Fish	Speckled Trout Gills Pensacola Bay	7.5 ppm	Duke	Federal Report

WATER_PCB-SD0000017893

Date	Sample	Location	Result	Analyst	Reference
8/14/69	Fish	Speckled Trout Liver Pensacola Bay	21.ppm	Duke	Federal Report
8/15/69	Sediment	Garcon Point	N.D.	Duke	Federal Report
8/15/69	Sediment	Mulatto Bayou	N.D.	Duke	Federal Report
8/15/69	Sediment	Northern Escambia Bay	.14 ppm	Duke	Federal Report
8/15/69	Sediment	Highway 90	1.4 ppm	Duke	Federal Report
8/15/69	Sediment	Outfall 6 Miles North of	486.ppm	Duke	Federal Report
8/18/69	Water	Monsanto Plant Outfall Ditch	1.0 ppB	E.S. Tucker	Samples sent to St. Louis
8/20/69	Water	Escambia River @ Monsanto Co. Outfall	270.ppB	E.S. Tucker	Reference sample Bureau of Fisheries Campbell to Tucker
8/20/69	Fish	Escambia River	133±2 ppm	E.S. Tucker	Fish caught by W.A. Calloway
8/22/69	Water	Monsanto Plant Outfall Ditch	1.4 ppB	E.S. Tucker	Samples sent to St. Louis
8/26/69	Water	Escambia River @ White River Above Monsanto Co. - Top Sample	3.ppB	Symes- (Winter-haven)	Sampled by G. Richmond #1
8/26/69	Water	Escambia River @ White River above Monsanto Co. 3/4 Depth Sample	2.ppB	Symes- (Winter-haven)	Sampled by G. Richmond #2
8/26/69	Water	Escambia River @ Monsanto Co. - Outfall - Top Sample	6.5 ppB	Symes- (Winter-haven	Sampled by G. Richmond #3
8/26/69	Water	Escambia River @ Monsanto Co. 3/4 Depth	3.ppB	Symes- (Winter-haven)	Sampled by G. Richmond #4

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Date	Sample	Location	Result	Analyst	Reference
8/26/69	Water	Escambia River United Gas Line Top Sample	6.ppB	Symes-(Winter-haven)	Sampled by G. Richmond #5
8/26/69	Water	Escambia River United Gas Line 3/4 Depth Sample	5.5 ppB	Symes-(Winter-haven)	Sampled by G. Richmond #6
8/26/69	Water	Escambia River @ Gulf Power Out-fall Top Sample	3.3 ppB	Symes-(Winter-haven)	Sampled by G. Richmond #7
8/26/69	Water	Escambia River @ Gulf Power Outfall 3/4 Depth Sample	7.5 ppB	Symes-(Winter-haven)	Sampled by G. Richmond #8
8/26/69	Water	Escambia River @ Highway 90 Bridge Top Sample	3.7 ppB	Symes-(Winter-haven)	Sampled by G. Richmond #9
8/26/69	Water	Escambia River @ Highway 90 Bridge 3/4 Depth Sample	5+.ppB	Symes-(Winter haven)	Sampled by G. Richmond #10
8/26/69	Bottom Sludge	Escambia River @ White River Above Monsanto Company	0 ppm	Symes-(Winter-haven)	Sampled by G. Richmond #1A
8/26/69	Bottom Sludge	Escambia River @ United Gas Line	0.33 ppm	Symes-(Winter-haven)	Sampled by G. Richmond #3A
8/26/69	Bottom Sludge	Escambia River @ Highway 90 Bridge	1.5 ppm	Symes-(Winter-haven)	Sampled by G. Richmond #4A
8/26/69	Bottom Sludge	Escambia River @ Monsanto Co. Out-fall	385+ppm	Symes-(Winter-haven)	Sampled by G. Richmond #2A
		Detritus only	1000+ppm	Symes-(Winter-haven)	
		Sand only	2.5 ppm		

WATER_PCB-SD0000017895

Date	Sample	Location	Result	Analyst	Reference
8/31/69	Fish	Speckled Trout Northern Escambia Bay	20. ppm	Duke	Federal Report
8/31/69	Fish	Flounder Liver Northern Escambia Bay	184.ppm	Duke	Federal Report
8/31/69	Shrimp	Northern Escambia Bay	2.5 ppm	Duke	Federal Report
8/31/69	Blue Crab	Northern Escambia Bay	6.3 ppm	Duke	Federal Report
9/9/69	Blue Crab	Mulatto Bayou	1.0 ppm	Duke	Federal Report
9/15/69	Water	Monsanto Outfall Skimmer	3.8 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/3/69	Water	Escambia River @ Station "W" Above Plant	0 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/3/69	Water	Escambia River @ Station "D" Below Monsanto	0.2 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/3/69	Water	Monsanto Plant Outfall Ditch	17.3 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/3/69	Water	Monsanto Outfall Skimmer	20.3 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/8/69	Water	Monsanto Plant Outfall Ditch	1.6 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/8/69	Water	Pensacola Plant East Ditch	45.0 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/8/69	Water	Pensacola Plant Power House Outfall	0.2 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/10/69	Water	Pensacola Plant East Ditch Above Bldg 408	0.1 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola

WATER_PCB-SD0000017896

Date	Sample	Location	Result	Analyst	Reference
10/10/69	Water	Pensacola Plant East Ditch Below Bldg 408	11.7 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/10/69	Water	Pensacola Plant East Ditch	11.9 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/10/69	Fish	Menhaden Mulatto Bayou	5.7 ppm	Duke	Federal Report
10/17/69	Water	Bldg 408 Decanter Eff.	6,500 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/23/69	Water	Pensacola Plant East Ditch	1.3 ppB	Lubkowitz	Analyzed at Monsanto-Pensacola
10/30/69	Bottom Sludge	Monsanto Outfall Skimmer	112 ppm	Lubkowitz	Analyzed at Monsanto-Pensacola
11/28/69	Sediment	Escambia River West Side 150 ft Above Monsanto Outfall			
		Detritus			
		Fines	3.4 ppm	Cutchens	Monsanto-Pensacola
		Coarse	4.6 ppm		
11/28/69	Sediment	Escambia River West Side 100 ft Below Monsanto Outfall			
		Detritus			
		Fines	1.4 ppm	Cutchens	Monsanto-Pensacola
		Coarse	2.3 ppm		
11/28/69	Sediment	Escambia River East Side Across From Monsanto Outfall			
		Detritus			
		Fines	70.ppm	Cutchens	Monsanto-Pensacola
		Coarse	62.ppm		
6/30/60	Water	Escambia River @ Station "W" Above Monsanto	<0.4 ppB	Cutchens	Monsanto-Pensacola
6/30/70	Water	Monsanto Plant North Outfall	<0.4 ppB	Cutchens	Monsanto-Pensacola

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Date	Sample	Location	Result	Analyst	Reference
6/30/70	Water	Monsanto Plant Outfall Ditch	< 0.4 ppB	Cutchens	Monsanto-Pensacola
3/17/70	Water	River Water From Monsanto River Water Pumping Station	0.6 ppB	Cutchens	Monsanto-Pensacola
3/18/70	Water	River Water From Monsanto River Water Pumping Station	< 0.4 ppB	Cutchens	Monsanto-Pensacola
3/19/70	Water	River Water From Monsanto River Water Pumping Station	1.9 ppB	Cutchens	Monsanto-Pensacola

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