

PA-0219

3C
FAK
151306

1012 Water Street
Meadville, Pennsylvania 16335
Telephone: A. C. 814/724-8526
October 18, 1988

**Subject: Westinghouse-Sharon Site
Shenango River Fish Samples
Mercer County, Pennsylvania**

**Mr. Paul P. Jack, Manager
Environmental Remediation
Westinghouse Electric Corporation
Westinghouse Building
Gateway Center
Pittsburgh, Pennsylvania 15222**

Dear Mr. Jack:

Enclosed, for your information and use during development of the RI/FS Work Plan for the Westinghouse-Sharon site, is a copy of PCB/pesticide analytical results from fish tissue samples collected by Pennsylvania Department of Environmental Resources staff in the Shenango River between July 28 and August 4, 1988. Field sample notes and a data summary table have been included, along with the laboratory data sheets, for your use.

Should you have any questions regarding the enclosed materials, please feel free to contact me at this office.

Sincerely,

M.E.G.

Mark E. Gorman
Program Supervisor
State Superfund Project
Bureau of Waste Management

MEG/skn

Enclosures

cc: ~~Mr. Dennis (EPA)~~
Mr. Crawford
Mr. Crownover
Mr. Gorman

AR100502

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Sample Results - 1988
(Phase II Stations)

30

Sample No.	Station Location	Species Collected	Contaminants Found	Conc. (ug/Kg)
0622190	Ohio St. bridge (Station 3)	White Sucker	PCB - 1260	- 200
0622191	"	Carp	PCB - 1260 Chlordane	- 1300 - 460
0622192	Route 208 bridge @ Pulaski (Station 6)	Carp	PCB - 1260 Chlordane	- 660 - 270
0622193	Shenango Reservoir (Station 1)	Smallmouth Bass	PCBs DDE	- N.D. - 15 est.
0622194	"	Carp	PCB - 1260 DDE	- 220 - 57
0622195	Above W. Pa Water Co. @ New Castle (Station 7)	B. Crappie & Pumpkinseed	PCBs Pesticides	- N.D. - N.D.
0622197	"	Carp	PCB - 1242 PCB - 1260 Chlordane	- 300 - 1000 - 430
0622198	Route 718 Bridge @ Wheatland (Station 4)	Carp	PCB - 1242 PCB - 1260 Chlordane	- 360 - 930 - 360
0622199	R. R. Bridge near mouth (Station 8)	Carp	PCBs Pesticides	- N.D. - N.D.
0622200	"	Smallmouth Bass & Rock Bass	PCB - 1260 Chlordane	- 2200 - 740
0914071	Downstream Sharon STP (Station 2)	Carp	PCB - 1260 Chlordane	- 2500 - 600
0914072	"	Largemouth Bass	PCB - 1260 Chlordane	- 1400 - 240

Note: Fish tissue samples analyzed were skinless fillets
 N.D. = nondetectable
 Fish samples collected during the period 7/28/88 - 8/4/88
 No sample was collected at Station 5 (above West Middlesex STP)

Station # 3 Water Body: Shenango River Date: 7/28/88

Location: Ohio St. bridge

County: Mercer Municipality: Hermitage

Collector: Hasse Agency: BWQM Coll. # 0622190

Method: Electrofishing Sains Gill Net Rotenone
Angling Other

Reasons: Westinghouse case

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>White Sucker</u>	<u>329</u>	<u>357</u>	<u>Tail rot, some fin wear</u>
2. <u>" "</u>	<u>333</u>	<u>382</u>	<u>looks o.k.</u>
3. <u>" "</u>	<u>342</u>	<u>401</u>	<u>ulcers around pectoral + pelvic fins some scales missing</u>
4. <u>" "</u>	<u>351</u>	<u>520</u>	<u>all fins partly rotted sore on left side of body</u>
5. <u>" "</u>	<u>337</u>	<u>435</u>	<u>tail fin partly rotted</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish Skinless Fillet Skin-on Fillet
Scaled (Y or N)
Blood Organ _____
Other _____

Comments (water/weather conditions, man-hours expended, problems etc.)
flow was low; water fairly turbid
oil visible in places on the surface

Station # 3 Water Body: Shenango River Date: 7/28/88

Location: Ohio St. bridge

County: Mercer Municipality: Hermitage

Collector: Hasse Agency: BWOM Coll. # 0622191

Method: Electrofishing Seine Gill Net Rotenone
Angling Other { }:

Reason: Westinghouse case

	SPECIES	TL-MM	WT-G	*CONDITION
1.	<u>Carp</u>	<u>451</u>	<u>1,025</u>	<u>bruise on both sides of body</u>
2.	<u>"</u>	<u>486</u>	<u>1,650</u>	<u>abnormal head shape</u>
3.	<u>"</u>	<u>497</u>	<u>1,575</u>	<u>bruise on left side of body</u>
4.	<u>"</u>	<u>526</u>	<u>2,200</u>	<u>looks o.k.</u>
5.	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
6.	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
7.	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
8.	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
9.	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
10.	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish Skinless Fillet Skin-on Fillet
Scaled (Y or N)
Blood Organ (): _____
Other (): _____

Comments (water/weather conditions, man-hours expended, problems etc.) !

Flow was low; water fairly turbid
oil sheen visible, sunny/hot weather

Station # 6 Water Body: SHENANGO RIVER

Date: 7/29/88

Location: ROUTE 208 BRIDGE AT PULASKI

County: LAWRENCE Municipality: Pulaski

Collector: B. Hesse Agency: BWAM Coll. # 0622192

Method: Electrofishing Seine () Gill-Net () Rotenone ()
Angling () Other ():

Reasons:

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>CARP</u>	<u>560</u>	<u>2750</u>	<u>SOME FIN WEAR</u>
2. <u>CARP</u>	<u>585</u>	<u>2750</u>	<u>GOOD CONDITION</u>
3. <u>CARP</u>	<u>575</u>	<u>2650</u>	<u>SLIGHT FIN WEAR (ANAL/CAUDAL)</u>
4. <u>CARP</u>	<u>560</u>	<u>2400</u>	<u>MISSING LEFT EYE</u>
5. <u>CARP</u>	<u>725</u>	<u>3800</u>	<u>SOME FIN WEAR (DORSAL/ANAL/CAUDAL)</u> <u>BRUISE ON RIGHT SIDE OF BODY</u> <u>FIN WEAR (ALL)</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet Skin-on Fillet ()
Scaled (Y or N) ()

Blood () Organ ():

Other (): FILLETS FROM RIGHT SIDE ONLY

Comments (water/weather conditions, man-hours expended, problems etc.)

Very hot (95°F), water turbid - low flow condition

Station # 1 Water Body: Shenango Reservoir Date: 8-1-88

Location: RR. tressel nearest Dam

County: Merces Municipality: South Pymatuning Twp.

Collector: R. Hesse Agency: BWDM Coll. # 0622193

Method: Electrofishing () Seine () Gill Net () Rotenone ()
Angling () Other ():

Reason: Westinghouse case

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>Smallmouth</u>	<u>360</u>	<u>568</u>	<u>Good</u>
2. <u>Smallmouth</u>	<u>332</u>	<u>477</u>	<u>Good</u>
3. <u>Smallmouth</u>	<u>280</u>	<u>276</u>	<u>Good</u>
4. <u>Smallmouth</u>	<u>277</u>	<u>243</u>	<u>Good</u>
5. <u>Smallmouth</u>	<u>300</u>	<u>341</u>	<u>Good</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet () Skin-on Fillet ()
Scaled (Y or N) ()

Blood () Organ (): _____

Other (): _____

Comments (water/weather conditions, man-hours expended, problems etc.)

Warm, Sunny, Clear 85°F

Station # 1 Water Body: Shesango Reservoir Date: 8-1-88

Location: R.R. Tressel nearest Dam

County: Mercer Municipality: South Pymatuning TWP

Collector: R. Hasse Agency: BWam Coll. # 0622194

Method: Electrofishing () Seine () Gill Net () Rotenone ()
Angling () Other (): _____

Reason: Westinghouse case

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>Carp</u>	<u>615</u>	<u>3570</u>	<u>deformed caudal fin sore behind anal fin</u>
2. <u>Carp</u>	<u>587</u>	<u>2740</u>	<u>Good</u>
3. <u>Carp</u>	<u>501</u>	<u>1595</u>	<u>Good</u>
4. <u>Mirror Carp</u>	<u>446</u>	<u>1155</u>	<u>Good</u>
5. <u>Carp</u>	<u>412</u>	<u>900</u>	<u>Good</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet () Skin-on Fillet ()
Scaled (Y or N) ()
Blood () Organ (): _____
Other (): _____

Comments (water/weather conditions, man-hours expended, problems etc.)
Warm Sunny clear 75°F

Station # 7 Water Body: SHENANGO RIVER Date: 8-2-77

Location: upstream of Western Pa. Water Co.

County: Lawrence Municipality: New Castle

Collector: Ray Hassel Agency: DER Coll.# 0622195

Method: Electrofishing () Seine () Gill Net () Rotenone ()
Angling () Other ():

Reason: Westinghouse case

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>BLACK CRAPPIE</u>	<u>265</u>	<u>312</u>	<u>Fin wear (caudal fin & left pectoral)</u> <i>black gill parasites</i>
2. <u>BLACK CRAPPIE</u>	<u>197</u>	<u>120</u>	<u>Fin wear all fins</u> <i>black gill parasites</i>
3. <u>PUMPKINSEED</u>	<u>130</u>	<u>120</u>	<u>good</u>
4. <u>PUMPKINSEED</u>	<u>125</u>	<u>46</u>	<u>good</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet () Skin-on Fillet ()
Scaled (Y or N) ()

Blood () Organ (): _____

Other (): _____

Comments (water/weather conditions, man-hours expended, problems etc.)

Hot, Humid 95°F

(4 Black Crappie Fillets)
(4 Pumpkinseed)

Station 17 Water Body: SPENANGO RIVER Date: 8-277

Location: upstream of Western Pa. Water Co.

County: Lawrence Municipality: New Castle

Collector: Ray Hasso Agency: DER Coll. # 0622196

Method: Electrofishing Seine Gill Net Rotenone
Angling Other

Reason: Westinghouse case

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>Largemouth Bass</u>	<u>229</u>	<u>200</u>	<u>good</u>
2. <u>Largemouth Bass</u>	<u>190</u>	<u>105</u>	<u>good</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish Skinless Fillet Skin-on Fillet
Scaled (Y or N)
Blood Organ _____
Other _____

Comments (water/weather conditions, man-hours expended, problems etc.)

Hot, Humid 95°F

Station # 7 Water Body: SPENANGO RIVER Date: 8-2-87

Location: upstream of Western Pa. Water Co.

County: Lawrence Municipality: New Castle

Collector: Ray Hesse Agency: DER Coll. # 0622197

Method: Electrofishing Seine () Gill Net () Rotenone ()
Angling () Other ():

Reason: Westinghouse case

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>Carp</u>	<u>503</u>	<u>2400</u>	<u>good</u>
2. <u>Carp</u>	<u>510</u>	<u>1890</u>	<u>anal fin deformed</u>
3. <u>Carp</u>	<u>516</u>	<u>1975</u>	<u>fin wear all fins</u>
4. <u>Carp</u>	<u>617</u>	<u>3850</u>	<u>fin wear all fins</u>
5. <u>Carp</u>	<u>705</u>	<u>6060</u>	<u>good</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet Skin-on Fillet ()
Scaled (Y or N) ()
Blood () Organ ():
Other ():

Comments (water/weather conditions, man-hours expended, problems etc.)

right side fillets only

Hot, Humid 95°F

Station # 4 Water Body: Shenango River Date: 8-3-88

Location: at Rt 718 bridge Wheatland

County: Mercer Municipality: Shenango Twp.

Collector: R. Hass Agency: BWQM Coll. # 0622198

Method: Electrofishing Seine Gill Net Rotenone
 Angling Other (): _____

Reason: Westinghouse case

SPECIES	TL-MM	WT-G	*CONDITION
1. <u>Miscer Carp</u>	<u>470</u>	<u>1245</u>	<u>peritoneal fin missing anal-caudal red + so</u>
2. <u>Carp</u>	<u>497</u>	<u>1800</u>	<u>sores on belly fin wear</u>
3. <u>Carp</u>	<u>522</u>	<u>1700</u>	<u>fin wear, head + right side sores</u>
4. <u>Carp</u>	<u>700</u>	<u>3130</u>	<u>anal + caudal fin wear</u>
5. <u>Carp</u>	<u>603</u>	<u>3245</u>	<u>fin sores, dorsal fin wear</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet Skin-on Fillet ()
Scaled (Y or N) ()
Blood () Organ (): _____
Other (): _____

Comments (water/weather conditions, man-hours expended, problems etc.)

fillet on right side only taken for analysis

Station # 8 Water Body: Shenango River Date: 8/4/88

Location: RR bridge near mouth

County: Lawrence Municipality: New Castle area

Collector: A. Hasse Agency: BNQM Coll.# 0622199

Method: Electrofishing Seine () Gill Net () Rotenone ()
Angling () Other ():

Reason: Westinghouse case (PCBs/pesticides)

SPECIES	TL-MM	WT-G	*CONDITION	
1. <u>Carp</u>	<u>518</u>	<u>2300</u>	<u>deformed tail heavy fin wear</u>	} 4 fillets taken
2. <u>Carp</u>	<u>358</u>	<u>675</u>	<u>Good</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet Skin-on Fillet ()
Scaled (Y or N) ()

Blood () Organ ():

Other ():

Comments (water/weather conditions, man-hours expended, problems etc.)

Hot & Humid ; water level low

Station # 8 Water Body: Shenango River Date: 8/4/88

Location: RR bridge near mouth

County: Lawrence Municipality: New Castle area

Collector: A. Hasse Agency: BWOM Coll.# 0622200

Method: Electrofishing Seine () Gill Net () Rotenone ()
Angling () Other ():

Reason: Westinghouse case (PCBs/Pesticides)

SPECIES	TL-MM	WT-G	*CONDITION	
1. <u>Smallmouth Bass</u>	<u>189</u>	<u>101</u>	<u>Good</u>	} 4 filets
2. <u>Smallmouth Bass</u>	<u>190</u>	<u>102</u>	<u>Good</u>	
3. <u>Rock Bass</u>	<u>172</u>	<u>113</u>	<u>Good</u>	} 2 filets
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	

*Note tumors, lesions, & general condition (if needed).

Tissue Type: Whole Fish () Skinless Fillet Skin-on Fillet ()
Scaled (Y or N) ()
Blood () Organ (): _____
Other (): _____

Comments (water/weather conditions, man-hours expended, problems etc.)

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF LABORATORIES
SPECIAL ANALYSES REPORT

Date Received 8/15/88

ESTABLISHMENT Shenango River		CASE		FACILITY dstrm Sharon STP		COLL NUMBER 0914	
COUNTY MERCER		MUNICIPALITY SHARON		PROGRAM BWM-WS		COLL NAME/PHONE NUMBER T. Barron 787-9633	
TYPE TR		STD ANALYSIS		DATE 19-24 8/10/88		TIME 25-28 1400	
CARD (3) 1 2	ID CODE (ALL CARDS) 4-16 Ctry Mun T Est Case Fac			LATITUDE 4-10 0		LONGITUDE 11-18	
USGS 0 30 34	BUREAU 35-37 AMIS 6110		SAMPLE NUMBER 38-43 0914071		STREAM NAME 44-57 Shenango River		RELATIVE POINT 58

FULL DESCRIPTION WHERE SAMPLE TAKEN: **dstrm from SHARON STP for ~50 min.**

CUSTODY LOG

How Shipped _____ Date _____

Legal Seal No. _____

Received by: **YR 8/25/88**

Legal Seal Condition: _____

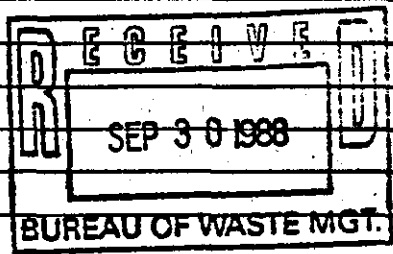
5 carp (right side fillets only)

PESTICIDES/PCBs

RAW WEIGHT ON FISH SAMPLE PACK

QUALITATIVE REPORT

DO NOT WRITE BELOW THIS LINE



2.60 % Lipids

QUANTITATIVE RESULTS

WT (as received) = 1306.5 gm

ANALYSIS:	UNITS:	ANALYSIS CODE	RESULTS (SHOW DECIMAL POINTS ON LINES)
Aroclor 1260	ug/kg		2500.-
Chlordane	"		0600.-

ANALYST **J. H. Maljara** * DATE **9/26/88**

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF LABORATORIES
SPECIAL ANALYSES REPORT

Date Received 7/29/88

ESTABLISHMENT <u>WESTINGHOUSE</u>		CASE <u>SHARON FACILITY</u>		FACILITY <u>STATION</u>		COLL NUMBER <u>0622</u>	
MUNICIPALITY <u>PERCEK</u>		PROGRAM <u>BWM-WS</u>		COLL NAME/PHONE NUMBER <u>Ray Hasse / 8-673-6960</u>		TYPE TR 	
Municipality <u>Hermitage</u>		ID CODE (ALL CARDS) 4-18 		LATTITUDE 4-10 		LONGITUDE 11-18 	
DATE 19-24 <u>07 27 88</u>		TIME 25-28 		KIND 29 			
USGS Q 30 34 		BUREAU 35-37 AMIS <u>610</u>		SAMPLE NUMBER 38-43 <u>0622191</u>		STREAM NAME 44-57 <u>SHENANGO RIVER</u>	

FULL DESCRIPTION WHERE SAMPLE TAKEN: GHIC ST. BRIDGE

ADDITIONAL LAB ANALYSES

Pesticides / PCBs
Raw weight of Fsk
Sample Packet

CUSTODY LOG

How Shipped	Date
Legal Seal No.	
Received by:	
Legal Seal Condition:	

QUALITATIVE REPORT

DO NOT WRITE BELOW THIS LINE

RECEIVED
SEP 30 1988
BUREAU OF WASTE MGT.

0.60 % Lipids

QUANTITATIVE RESULTS

wT, (W received) = 1105.3 gm
ANALYSIS:

ANALYSIS	UNITS:	ANALYSIS CODE	RESULTS (SHOW DECIMAL POINTS ON LINES)
<u>Aroclor 1260</u>	<u>ug/kg</u>	<input type="text"/>	<u>1300. -</u>
<u>Chlordane</u>	<u>"</u>	<input type="text"/>	<u>0460. -</u>
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	

ANALYST J. H. Malinac * DATE 9/26/88
SIGNATURE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF LABORATORIES
SPECIAL ANALYSES REPORT

Date Received 8/5/88

ESTABLISHMENT <u>Westinghouse</u>		CASE <u>Sharon Facility</u>		FACILITY		COLL NUMBER <u>0622</u>	
COUNTY <u>Lawrence</u>		MUNICIPALITY <u>New Castle</u>		PROGRAM <u>Bum-WS</u>		COLL NAME/PHONE NUMBER <u>Roy Hase (8-673-6960)</u>	
CARD (3) 1		ID CODE (ALL CARDS) 4-10		LATITUDE 4-10		LONGITUDE 11-19	
2		City	Mun	T	Est	Case	Fac.
USGS 0 30 34		BUREAU 35-37 AMIS <u>6100622</u>		SAMPLE NUMBER 38-43 <u>197</u>		STREAM NAME 44-57 <u>SHENANDO RIVER</u>	

FULL DESCRIPTION WHERE SAMPLE TAKEN: upstream of Western Pa. Water Co.

ADDITIONAL LAB ANALYSES
Pesticides / PCBs

CUSTODY LOG		<p>5 carp fillets (right side only)</p> <p>from 5 individual fish</p> <p>QUALITATIVE REPORT</p>	How Shipped	Date
Legal Seal No.			Received by:	Legal Seal Condition:

DO NOT WRITE BELOW THIS LINE

may also contain Aroclor 1254 - could not quantitate due to other PCB interferences

5.88 % Lipids

RECEIVED

SEP 30 1988

QUANTITATIVE RESULTS

BUREAU OF WASTE MGT.

w/w (as received) = 2447.2 g/m

ANALYSIS	UNITS	ANALYSIS CODE	RESULTS (SHOW DECIMAL POINTS ON LINES)
<u>Aroclor 1242</u>	<u>ug/kg</u>		<u>0300.-</u>
<u>Aroclor 1260</u>	<u>"</u>		<u>1000.-</u>
<u>Chlordane</u>	<u>"</u>		<u>0430.-</u>

ANALYST J. H. Mulienne SIGNATURE

DATE 9/26/88

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF LABORATORIES
SPECIAL ANALYSES REPORT

Date Received 8/5/88

ESTABLISHMENT <u>Westinghouse</u>		CASE <u>Sharon Facility</u>		FACILITY		COLL NUMBER <u>0622</u>	
CITY <u>Eraser</u>		MUNICIPALITY <u>Shenango Twp</u>		PROGRAM <u>BWM-WS</u>		COLL NAME/PHONE NUMBER <u>Ray Hase 8-673-6960</u>	
CARD (3) 1 2		ID CODE (ALL CARDS) 1-18 Ctry Mun T Est Case Fac		LATITUDE 4-10		LONGITUDE 11-18	
USGS Q 30 34		BUREAU 35-37 AMIS		SAMPLE NUMBER 38-43 <u>0622198</u>		DATE 19-24 <u>080388</u>	
				STREAM NAME 44-57 <u>Shenango River</u>		TIME 25-28 Hr Min	
						KIND 29	
						RELATIVE POINT 58	

FULL DESCRIPTION WHERE SAMPLE TAKEN: at Pa Route 718 bridge (upbeatland)

CUSTODY LOG		ADDITIONAL LAB ANALYSES <u>Pesticides/PCBs</u> <u>Raw weight of fish sample pkt</u>
How Shipped	Date	
Legal Seal No.		
Received by:		

QUALITATIVE REPORT

DO NOT WRITE BELOW THIS LINE

May also contain Aroclor 1254 - could not quantitate due to other PCB interference.

61% Lipids

RECEIVED
 SEP 30 1988
 BUREAU OF WASTE MGT.

QUANTITATIVE RESULTS

ANALYSIS:	UNITS:	ANALYSIS CODE	RESULTS (SHOW DECIMAL POINTS ON LINES)
<u>Aroclor 1242</u>	<u>ug/kg</u>		<u>360. -</u>
<u>Aroclor 1260</u>	<u>"</u>		<u>930. -</u>
<u>Chlordane</u>	<u>"</u>		<u>360. -</u>

ANALYST J. H. Maljevic SIGNATURE DATE 9/26/88

