

ARKANSAS DEPARTMENT OF  
POLLUTION CONTROL AND ECOLOGY

MINUTE ORDER NO. 79-14

LOCATION - SUBJECT: Approval of  
Expenditures

PAGE 1 of 1 PAGES

The Departmental Expenditures from General Services and Federal Funds for the period July 1, 1978 thru February 28, 1979, as shown on the attached, I hereby accepted and approved.

COMMISSIONERS

JB  
BCC by JES  
AW  
AW  
PCP by JES  
JB  
JB

Ralph A. Dumas  
Chairman

Submitted by: A. R. Sacrey Date Passed: 3/23/79

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

AGY APPRO ACT CHAR OBJ DESCRIPTION MONTH-TO-DATE QUARTER-TO-DATE YEAR-TO-DATE

AGENCY POLLUTION CONTROL & ECOLOGY I

APPRO DEPT OF POLLUTION CONT/ECOLOGY ACT 769 & 855 OF 1977

930 396 WUC 0 514 WORKMAN COMP CLAIMS 10.51

515 UNEMPLOYMENT COMP CLAIMS 20.95

\*\* CHARACTER TOTAL \*\* 31.46 \*

1 514 WORKMAN COMP CLAIMS 37.54

515 UNEMPLOYMENT COMP CLAIMS 75.04

\*\* CHARACTER TOTAL \*\* 112.58 \*

\*\* ACTIVITY TOTAL \*\* 144.04 \*\*

STATE FUNDS - ADMIN. 010 0 110 REG SALARIES 11,583.92 23,362.94 98,180.96

514 WORKMAN COMP CLAIMS 344.76

515 UNEMPLOYMENT COMP CLAIMS 689.54

\*\* CHARACTER TOTAL \*\* 11,583.92 23,362.94 99,215.26 \*

1 130 EXTRA HELP 391.79

\*\* CHARACTER TOTAL \*\* 391.79

2 211 POSTAGE 2,000.00

212 TELE-COMMUNICATIONS 685.58

213 FREIGHT 43.80

221 PRINTING BINDING DUPLICAT 6.40

222 ADVERTISING 48.70

231 BLDG & GROUND MAINT 386.31

233 OFFICE EQPT REPAIRS 633.58

235 SAFETY & COMM EQPT 213.42

236 SPEC RESEARCH EQPT 330.00

241 ELECTRICITY 1,113.15

242 WATER SEWER & GARBAGE 88.25

243 HITG COOLING & LGHT FUELS 39.60

244 RENT OF LAND BLDG & OFFIC 3,874.00

245 RENT OF OFFICE FURN & EQP 2,646.89

246 RENT OF DP EQPT 17.01

25A IN STATE MILEAGE 65.40

25C MEALS & LODGING-IN STATE 31.26

25D MEALS & LODGING-OUT OF ST 112.55

25F COMMON CARRIER-OUT OF STA 341.95

255 BOARD & COMMISSION EXP 783.65

257 CHARTER SERVICES 281.51

259 OTHER TRAVEL EXPENSE 190.40

269 OTHER PROFESSIONAL FEES 24.15

271 SURETY & PERFORM BONDS 5.70

272 INS PREM - VEHICULAR EQPT 175.00

273 INSURANCE PREM - BLDG 319.44

285 CENTREX & MATTS LINES 7,387.00

287 DF&A QUICK COPY CENTER 5,219.60

288 PRINTING & REPRODUCTION C 79.80

291 ASSOC DUES & CONFER FEES 241.86

294 JANITORIAL & LAUNDRY SVC 63.00

323 CREDIT CARD PUCHASES 815.70

324 LICENSES & TITLE FEES 1,631.40

331 STATIONERY & OFFICE SPLS 302.23

114.04 786.19 7,180.36

ARKANSAS FINANCIAL MANAGEMENT SYSTEM  
EXPENDITURE BY ACTIVITY REPORT

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

PAGE 534

AGY	APPRD	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE
930	396	010	2	335	DRUGS LAB SUPPLIES	2.97	2.97	2.97
				336	SHOP & INDUSTRIAL SPLS	31.33	45.92	69.72
				337	SUBSCRIPTIONS		324.38	1,358.65
				343	KITCHEN JANITOR SPLS		109.58	892.82
				346	SUPPLIES FOR DUPLG MCHS			952.34
				741	OFFICE MACHINES			3,095.61
				742	OFF & HSHLD FURN & EQPT		27.81	693.10
				743	MEDICAL EQPT			402.00
					** CHARACTER TOTAL **	6,497.10	27,681.41	121,870.38
				3	161 GROUP INSURANCE	256.50	342.00	1,292.00
				162	RETIREMENT	2,103.14	2,803.55	11,778.58
				163	FICA	1,074.35	1,432.15	4,650.83
					** CHARACTER TOTAL **	3,433.99	4,577.70	17,921.41
				9	245 RENT OF OFFICE FURN & EQP	306.68	306.68	306.68
				246	RENT OF DP EQPT	175.29	175.29	2,221.23
					** CHARACTER TOTAL **	481.97	481.97	2,527.91
					** ACTIVITY TOTAL **	21,996.98	56,495.81	242,156.25
					** CHARACTER TOTAL **	24,544.20	48,149.90	188,421.20
				0	110 REG SALARIES			645.21
				514	WORKMAN COMP CLAIMS			1,290.40
				515	UNEMPLOYMENT COMP CLAIMS			190,356.81
					** CHARACTER TOTAL **	24,544.20	48,149.90	190,356.81
				1	130 EXTRA HELP			6,855.75
					** CHARACTER TOTAL **	60.36	158.47	6,855.75
				2	212 TELE-COMMUNICATIONS	3.20	35.80	122.71
				213	FREIGHT		8.26	19.06
				221	PRINTING BINDING DUPLICAT			58.35
				222	ADVERTISING			550.85
				232	TRANSPORTATION EQPT			40.17
				241	ELECTRICITY			187.04
				242	WATER SEMER & GARBAGE			335.00
				244	RENT OF LAND BLDG & OFFIC			25.00
				245	RENT OF OFFICE FURN & EQP			46.41
				25C	MEALS & LODGING-IN STATE			402.00
				25F	COMMON CARRIER-OUT OF STA			53.80
				255	BOARD & COMMISSION EXP	95.00		
				272	INS PREM - VEHICULAR EQPT			2,371.64
				273	INSURANCE PREM - BLDG			791.00
				288	PRINTING & REPRODUCTION C			222.70
				323	CREDIT CARD PURCHASES			3,015.71
				324	LICENSES & TITLE FEES			278.75
				331	STATIONERY & OFFICE SPLS			125.49
				333	EDUC SUPPLIES & MATERIALS			3.16
				335	DRUGS LAB SUPPLIES			621.73
				336	SHOP & INDUSTRIAL SPLS			186.96
				337	SUBSCRIPTIONS			119.41
				346	SUPPLIES FOR DUPLG HCHS			176.13
				517	REFURHD TO EXPENDITURES ON			96.00-
				742	OFF & HSHLD FURN & EQPT			473.29
					** CHARACTER TOTAL **	158.56	5,365.08	10,751.72
				3	161 GROUP INSURANCE	560.50	741.00	2,897.50
				162	RETIREMENT	4,408.36	5,777.98	22,608.49

ARKANSAS FINANCIAL MANAGEMENT SYSTEM  
EXPENDITURE BY ACTIVITY REPORT

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

PAGE 535

AGY	APPRO	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE
930	396	020	3	163	FICA	2,251.91	2,951.58	11,315.62
					** CHARACTER TOTAL **	7,1220.77	9,470.56	36,821.61
					** ACTIVITY TOTAL **	31,923.53	62,985.54	244,785.89
STATE FUNDS - AIR	030	0	110		REG SALARIES	10,506.20	20,387.20	80,590.90
					** CHARACTER TOTAL **	10,506.20	20,387.20	276.27
					EXTRA HELP	10,506.20	20,387.20	552.57
					** CHARACTER TOTAL **	222.50	555.00	81,419.74
					1 130	222.50	555.00	975.00
					** CHARACTER TOTAL **	123.91	123.91	247.82
					2 212	123.91	123.91	115.82
					** CHARACTER TOTAL **	9.96	33.53	115.82
					213	9.96	33.53	29.30
					FREIGHT	9.96	33.53	29.30
					221		11.29	228.64
					PRINTING BINDING DUPLICAT		11.29	228.64
					232		228.64	165.84
					TRANSPORTATION EQPT		228.64	165.84
					241		165.84	234.76
					ELECTRICITY		165.84	234.76
					242		234.76	175.00
					WATER SEWER & GARBAGE		234.76	175.00
					244		175.00	158.06
					RENT OF LAND BLDG & OFFIC		175.00	158.06
					245		158.06	8.25
					RENT OF OFFICE FURN & EQP		158.06	8.25
					25C		8.25	338.00
					HEALS & LODGING--IN STATE		8.25	338.00
					25F		338.00	1,650.44
					COMMON CARRIER-OUT OF STA		338.00	1,650.44
					272		1,650.44	15.72
					INS PREM - VEHICULAR EQPT		1,650.44	15.72
					288		15.72	30.00
					PRINTING & REPRODUCTION C		15.72	30.00
					291		30.00	1,598.78
					ASSOC DUES & CONFER FEES		30.00	1,598.78
					323		1,598.78	134.75
					CREDIT CARD PURCHASES		1,598.78	134.75
					324		134.75	38.06
					LICENSES & TITLE FEES		134.75	38.06
					331		38.06	1,627.10
					STATIONERY & OFFICE SPLS		38.06	1,627.10
					335		1,627.10	604.75
					DRUGS LAB SUPPLIES		1,627.10	604.75
					336		604.75	423.50
					SHOP & INDUSTRIAL SPLS		604.75	423.50
					337		423.50	7,820.59
					SUBSCRIPTIONS		423.50	7,820.59
					** CHARACTER TOTAL **	283.59	5,082.46	1,140.00
					3 161	283.59	5,082.46	1,140.00
					GROUP INSURANCE	283.59	5,082.46	1,140.00
					162	237.50	313.50	9,669.89
					RETIREMENT	237.50	313.50	9,669.89
					163	1,869.86	2,446.46	5,218.53
					FICA	1,869.86	2,446.46	5,218.53
					** CHARACTER TOTAL **	968.83	1,263.37	16,028.42
					** ACTIVITY TOTAL **	3,076.19	4,023.33	106,243.75
					STATE FUNDS - SOL. MST. 040	14,088.48	30,047.99	52,875.50
					0 110	14,088.48	30,047.99	52,875.50
					REG SALARIES	14,088.48	30,047.99	52,875.50
					514	5,480.00	11,031.00	371.11
					WORKMAN COMP CLAIMS	5,480.00	11,031.00	371.11
					515			53,432.16
					UNEMPLOYMENT COMP CLAIMS			53,432.16
					** CHARACTER TOTAL **			.15
					2 211			63.04
					POSTAGE			63.04
					212			4.05
					TELE-COMMUNICATIONS			4.05
					221			537.09
					PRINTING BINDING DUPLICAT			537.09
					232			12.65
					TRANSPORTATION EQPT			12.65
					242			732.76
					WATER SEWER & GARBAGE			732.76
					272			102.80
					INS PREM - VEHICULAR EQPT			102.80
					321			1,293.00
					TIRES & TUBES			1,293.00
					323			132.50
					CREDIT CARD PURCHASES			132.50
					324			32.62
					LICENSES & TITLE FEES			32.62
					331			40.17
					STATIONERY & OFFICE SPLS			40.17
					333			45.04
					EDUC SUPPLIES & MATERIALS			45.04
					337			133.39
					SUBSCRIPTIONS			133.39
					731			
					CARS BUSES ETC			

ARKANSAS FINANCIAL MANAGEMENT SYSTEM  
EXPENDITURE BY ACTIVITY REPORT

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

AGY	APPRO	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE
930	396	040	2	161	GROUP INSURANCE	43.49	1,905.42	3,129.26 *
				162	RETIREMENT	161.50	218.50	978.50
				163	FICA	999.96	1,323.72	6,100.63
					** CHARACTER TOTAL **	510.84	676.23	3,207.83
					** ACTIVITY TOTAL **	1,672.30	2,218.45	10,287.01 *
					** APPROPRIATION TOTAL **	7,195.79	15,154.87	66,848.43 **
STATE FUNDS - ENV. PRES.	050	0	110	REG SALARIES		2,764.00	5,463.00	22,584.00
				514	WORKMAN COMP CLAIMS			78.88
				515	UNEMPLOYMENT COMP CLAIMS			157.78
					** CHARACTER TOTAL **	2,764.00	5,463.00	22,820.66 *
					** ACTIVITY TOTAL **	2.00	2.00	2.15
					** APPROPRIATION TOTAL **			3.62
					** ACTIVITY TOTAL **			13.46
					** APPROPRIATION TOTAL **			8.50
					** ACTIVITY TOTAL **			67.37
					** APPROPRIATION TOTAL **			8.81
					** ACTIVITY TOTAL **			63.10
					** APPROPRIATION TOTAL **			506.40
					** ACTIVITY TOTAL **			519.03
					** APPROPRIATION TOTAL **			133.50
					** ACTIVITY TOTAL **			550.25
					** APPROPRIATION TOTAL **			6.25
					** ACTIVITY TOTAL **			249.72
					** APPROPRIATION TOTAL **			41.12
					** ACTIVITY TOTAL **			41.12
					** APPROPRIATION TOTAL **			173.03
					** ACTIVITY TOTAL **			21.00
					** APPROPRIATION TOTAL **			36.78
					** ACTIVITY TOTAL **			104.26
					** APPROPRIATION TOTAL **			150.00
					** ACTIVITY TOTAL **			131.55
					** APPROPRIATION TOTAL **			46.07
					** ACTIVITY TOTAL **			3,120.65
					** APPROPRIATION TOTAL **			279.40
					** ACTIVITY TOTAL **			2,710.08
					** APPROPRIATION TOTAL **			1,272.72
					** ACTIVITY TOTAL **			4,262.20
					** APPROPRIATION TOTAL **			30,203.51
					** ACTIVITY TOTAL **			690,381.87
					** APPROPRIATION TOTAL **			18.98
					** ACTIVITY TOTAL **			37.84
					** APPROPRIATION TOTAL **			56.82
					** ACTIVITY TOTAL **			49.01
					** APPROPRIATION TOTAL **			97.96
					** ACTIVITY TOTAL **			146.97
					** APPROPRIATION TOTAL **			203.79
					** ACTIVITY TOTAL **			11,275.00
					** APPROPRIATION TOTAL **			39.37
					** ACTIVITY TOTAL **			78.73
					** APPROPRIATION TOTAL **			11,393.10
					** ACTIVITY TOTAL **			1,394.00
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					** ACTIVITY TOTAL **			1,394.00

ARKANSAS FINANCIAL MANAGEMENT SYSTEM  
EXPENDITURE BY ACTIVITY REPORT

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

PAGE 537

AGY	APPRO	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE
930	397	010	1	130	EXTRA HELP			836.40
					** CHARACTER TOTAL **	30.00	30.00	836.40
2				211	POSTAGE	265.91	483.94	3,070.00
				212	TELE-COMMUNICATIONS		87.70	927.28
				213	FREIGHT			224.93
				221	PRINTING BINDING DUPLICAT	46.20	46.20	102.10
				222	ADVERTISING	1,136.19	1,136.19	1,417.19
				231	BLDG & GROUND MAINT		29.36	945.10
				232	TRANSPORTATION EQPT	663.15	699.00	2,246.50
				233	OFFICE EQPT REPAIRS			9.50
				235	SAFETY & COMM EQPT	1,210.09	1,210.09	1,214.51
				241	ELECTRICITY	39.60	39.60	153.21
				242	WATER SEMER & GARBAGE	369.58	476.20	476.20
				243	HTG COOLING & LGHT FUELS	17,888.00	17,888.00	22,966.50
				244	RENT OF LAND BLDG & OFFIC	2,497.28	4,495.89	5,964.83
				245	RENT OF OFFICE FURN & EQP			80.45
				249	OTHER RENT		20.68	59.33
				25C	MEALS & LODGING-IN STATE			179.70
				25D	MEALS & LODGING-OUT OF ST			411.00
				25F	COMMON CARRIER-OUT OF STA	200.20	200.20	470.60
				255	BOARD & COMMISSION EXP			100.00
				256	EXP FOR NON-STATE EMP			575.00
				257	CHARTER SERVICES			12.00
				259	OTHER TRAVEL EXPENSE			6,495.73
				285	CENTREX & WATTS LINES	3,071.73	3,071.78	4,528.00
				286	INDIRECT COST ALLOCATION	2,273.00	2,273.00	11.71
				288	PRINTING & REPRODUCTION C			79.00
				291	ASSOC DUES & CONFER FEES		69.00	1,683.40
				294	JANITORIAL & LAUNDRY SVC			74.04
				321	TIRES & TUBES			53.46
				322	FUEL OIL GREASE			911.21
				323	CREDIT CARD PURCHASES	41.95	41.95	4,108.33
				331	STATIONERY & OFFICE SPLS	962.43	962.43	7.50
				332	EDUCATIONAL TEXTBOOKS			19.95
				333	EDUC SUPPLIES & MATERIALS			5.50
				335	DRUGS LAB SUPPLIES			2,858.66
				336	SHOP & INDUSTRIAL SPLS	2,728.92	2,835.94	916.31
				337	SUBSCRIPTIONS	619.41	676.81	257.55
				343	KITCHEN JANITOR SPLS	257.55	257.55	795.72
				346	SUPPLIES FOR DUPLG MCHS			944.98-
				517	REFUND TO EXPENDITURES ON	8.99-	940.13-	82.66
				742	OFF & HSHLD FURN & EQPT			200.15
				747	PHOTOGRAPHIC EQPT			63,751.87
3					** CHARACTER TOTAL **	34,292.25	36,666.38	152.00
				161	GROUP INSURANCE	28.50	38.00	1,356.12
				162	RETIREMENT	250.92	408.36	698.23
				163	FICA	128.16	168.38	2,206.35
					** CHARACTER TOTAL **	407.58	614.74	814.21
9					** CHARACTER TOTAL **	36,093.83	40,028.12	79,001.93
					** ACTIVITY TOTAL **			

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

PAGE 538

AGY	APPRO	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE
930	397	020	0	110	REG SALARIES	31,001.00	58,517.10	229,673.50
				514	WORKMAN COMP CLAIMS			784.61
				515	UNEMPLOYMENT COMP CLAIMS			1,569.23
					** CHARACTER TOTAL **	31,001.00	58,517.10	232,027.34
				1	EXTRA HELP			7,395.90
					** CHARACTER TOTAL **			7,395.90
			2	211	POSTAGE	1.40	12.70	181.78
				212	TELE-COMMUNICATIONS	890.88	1,746.17	5,206.24
				213	FREIGHT	128.22	504.33	1,318.18
				221	PRINTING BINDING DUPLICAT	4.48	4.48	65.33
				222	ADVERTISING			644.87
				231	BLDG & GROUND MAINT	228.01	228.01	264.32
				232	TRANSPORTATION EQPT	291.69	389.79	4,845.97
				233	OFFICE EQPT REPAIRS			112.00
				235	SAFETY & COMM EQPT	193.71	193.71	193.71
				236	SPEC RESEARCH EQPT			10.30
				241	ELECTRICITY	53.92	100.56	261.44
				242	WATER SEWER & GARBAGE	341.07	341.07	396.14
				243	HTG COOLING & LGHT FUELS	18.08	29.45	37.70
				244	RENT OF LAND BLDG & OFFIC	1,255.00	2,025.00	7,312.50
				245	RENT OF OFFICE FURN & EQP	50.00	219.95	682.51
				249	OTHER RENT			11.33
				25A	IN STATE MILEAGE	88.80	93.00	577.95
				25B	OUT OF STATE MILEAGE			51.60
				25C	MEALS & LODGING-IN STATE	1,094.45	1,767.78	14,120.42
				25D	MEALS & LODGING-OUT OF ST	345.85	345.85	929.45
				25F	COMMON CARRIER-OUT OF STA		13.00	1,895.00
				259	OTHER TRAVEL EXPENSE		3.60	126.27
				26A	PROF SERVICE CONTRACTS	13,879.88	27,279.83	66,618.16
				263	LEGAL FEES	6.00	6.00	6.00
				269	OTHER PROFESSIONAL FEES	30.00	30.00	30.00
				288	PRINTING & REPRODUCTION C	174.14	174.14	277.69
				291	ASSOC DUES & CONFER FEES	15.00	222.00	840.00
				297	CONTRACT LABOR		295.25	295.25
				321	TIRES & TUBES	105.23	329.34	881.02
				323	CREDIT CARD PUCHASES	863.83	863.83	7,059.02
				331	STATIONERY & OFFICE SPLS	103.19	103.19	220.61
				333	EDUC SUPPLIES & MATERIALS	38.75	38.75	450.37
				335	DRUGS LAB SUPPLIES	1,231.85	2,056.30	11,085.67
				336	SHOP & INDUSTRIAL SPLS	219.27	227.46	1,214.52
				337	SUBSCRIPTIONS	125.55	161.49	1,164.98
				341	FOOD & SUPPLIES FOR INHAT	30.75	56.62	572.71
				342	CLOTHING			26.00
				346	SUPPLIES FOR DUPLG MCHS			65.94
				517	REFUND TO EXPENDITURES ON	12.60-	12.60-	7,982.87-
				734	MARINE			630.89
				741	OFFICE MACHINES			92.39
				742	OFF & HSHLD FURN & EQPT			1,218.82
				743	MEDICAL EQPT			285.94
				747	PHOTOGRAPHIC EQPT			59.58
				762	FIREARMS SAFETY EQPT	59.58	59.58	512.17

ARKANSAS FINANCIAL MANAGEMENT SYSTEM  
EXPENDITURE BY ACTIVITY REPORT

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

AGY	APPRO	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE
930	397	020	2	789	OTHER	21,855.98	40,113.11	126,051.43
					** CHARACTER TOTAL **	674.50	902.50	3,477.00
			3	161	GROUP INSURANCE	5,246.88	8,372.77	27,404.96
				162	RETIREMENT	2,787.93	3,587.20	14,164.34
				163	FICA	8,709.31	12,862.47	45,046.30
					** CHARACTER TOTAL **	61,566.29	111,492.66	410,520.97
					** ACTIVITY TOTAL **	15,019.90	30,106.40	122,156.54
					REG SALARIES			410.17
					WORKMAN COMP CLAIMS			820.36
					UNEMPLOYMENT COMP CLAIMS			123,387.07
					** CHARACTER TOTAL **	15,019.90	30,106.40	123,387.07
					EXTRA HELP			1,790.00
					** CHARACTER TOTAL **			1,790.00
			1	130	POSTAGE	.82	.82	338.89
					** CHARACTER TOTAL **			338.89
			2	211	TELE-COMMUNICATIONS	123.91	168.64	913.24
				212	FREIGHT	1,271.93	1,271.93	1,388.43
				221	PRINTING BINDING DUPLICAT	111.78	111.78	101.08
				222	ADVERTISING			51.28
				231	BLDG & GROUND MAINT	238.92	894.94	1,780.92
				232	TRANSPORTATION EQPT			8.24
				233	OFFICE EQPT REPAIRS	13.38	13.38	13.38
				235	SAFETY & CONM EQPT			31.76
				236	SPEC RESEARCH EQPT	232.69	232.69	1,169.36
				241	ELECTRICITY	102.44	102.44	102.44
				242	WATER SEWER & GARBAGE	350.00	350.00	360.64
				244	RENT OF LAND BLDG & OFFIC	52.02	52.02	104.04
				245	RENT OF OFFICE FURN & EQP	32.10	68.40	105.60
				25A	IN STATE MILEAGE	453.81	873.61	3,295.94
				25C	MEALS & LODGING-IN STATE	81.54	81.54	892.10
				25D	MEALS & LODGING-OUT OF ST	47.40	47.40	1,958.78
				25F	COMMON CARRIER-OUT OF STA	16.00	16.00	714.92
				256	EXP FOR NON-STATE EMP	22.90	22.90	55.15
				259	OTHER TRAVEL EXPENSE	1,364.00	1,732.00	12,554.58
				26A	PROF SERVICE CONTRACTS			45.83
				26E	REIMBURSABLE EXP PROF SER	359.00	645.00	1,472.00
				288	PRINTING & REPRODUCTION C	201.35	201.35	481.89
				291	ASSOC DUES & CONFER FEES	585.78	585.78	4,831.97
				321	TIRES & TUBES			474.21
				323	CREDIT CARD PURCHASES	49.52	49.52	314.11
				331	STATIONERY & OFFICE SPLS			50.32
				333	EDUC SUPPLIES & MATERIALS	1,710.66	2,457.35	11,011.08
				334	PUBLIC SAFETY SUPPLIES	116.05	416.94	3,258.82
				335	DRUGS LAB SUPPLIES	311.94	540.78	815.65
				336	SHOP & INDUSTRIAL SPLS			7.57
				337	SUBSCRIPTIONS			297.28
				341	FOOD & SUPPLIES FOR INMAT			15,246.00
				517	REFUND TO EXPENDITURES ON			46.07
				519	OTHER REFUNDS & CLAIMS			247.05
				741	OFFICE MACHINES			9,350.63
				742	OFF & HSHLD FURN & EQPT			
				743	MEDICAL EQPT	484.55	8,646.15	

ARKANSAS FINANCIAL MANAGEMENT SYSTEM  
EXPENDITURE BY ACTIVITY REPORT

03/02/79 MONTH ENDING 02/28/79 FISCAL YEAR 78-79 PAGE 540

AGY	APPRO	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE
930	397	030	2	747	PHOTOGRAPHIC EQPT	46.53	46.53	46.53
				762	FIREARMS SAFETY EQPT			529.96
			3		** CHARACTER TOTAL **	8,381.02	19,731.27	74,614.99
				161	GROUP INSURANCE	370.50	494.00	1,529.50
				162	RETIREMENT	2,718.05	4,505.93	14,395.85
				163	FICA	1,368.44	1,845.52	7,498.58
					** CHARACTER TOTAL **	4,476.99	6,845.45	23,423.93
					** ACTIVITY TOTAL **	27,877.91	56,908.12	223,215.99
						5,472.00	10,746.00	40,053.00
			0	110	REG SALARIES	5,472.00	10,746.00	275.91
				514	WORKMAN COMP CLAIMS			40,466.84
				515	UNEMPLOYMENT COMP CLAIMS			406.42
					** CHARACTER TOTAL **	5,472.00	10,746.00	40,942.15
			2	212	TELE-COMMUNICATIONS	77.70	136.42	123.67
				221	PRINTING BINDING DUPLICAT			12.78
				222	ADVERTISING	862.62	938.01	1,614.18
				232	TRANSPORTATION EQPT	163.81	163.81	163.81
				242	WATER SEWER & GARBAGE			108.77
				244	RENT OF LAND BLDG & OFFIC	17.90	17.90	161.52
				247	RENT OF AUTOS ETC			45.75
				25A	IN STATE MILEAGE	649.67	1,354.72	5,681.49
				25C	MEALS & LODGING-IN STATE			253.76
				25D	MEALS & LODGING-OUT OF ST			569.00
				25F	COMMON CARRIER-OUT OF STA			22.66
				259	OTHER TRAVEL EXPENSE			19.69
				26A	PROF SERVICE CONTRACTS	7.59	7.59	2,363.07
				26E	REIMBURSABLE EXP PROF SER	223.09	434.09	113.20
				288	PRINTING & REPRODUCTION C	83.61	83.61	339.00
				291	ASSOC DUES & CONFER FEES			236.85
				321	TIRES & TUBES			34.00
				323	CREDIT CARD PURCHASES	422.11	422.11	2,633.14
				333	EDUC SUPPLIES & MATERIALS	23.13	167.85	281.61
				336	SHOP & INDUSTRIAL SPLS	20.00	22.06	12.00
				337	SUBSCRIPTIONS			246.09
				742	OFF & HSHLD FURN & EQPT			560.50
					** CHARACTER TOTAL **	2,751.23	3,906.41	15,442.46
			3	161	GROUP INSURANCE	142.50	190.00	4,806.36
				162	RETIREMENT	980.76	1,598.28	2,395.95
				163	FICA	501.01	658.75	7,762.81
					** CHARACTER TOTAL **	1,624.27	2,447.03	63,672.11
					** ACTIVITY TOTAL **	9,847.50	17,099.44	24,647.50
						3,640.00	7,187.00	74.43
			0	110	REG SALARIES			148.86
				514	WORKMAN COMP CLAIMS			24,870.79
				515	UNEMPLOYMENT COMP CLAIMS			120.91
					** CHARACTER TOTAL **	3,640.00	7,187.00	50.72
			2	212	TELE-COMMUNICATIONS	7.14	7.14	7.68
				221	PRINTING BINDING DUPLICAT	5.31	34.32	120.39
				232	ADVERTISING			38.06
				235	SAFETY & COMM EQPT	38.06	126.20	202.90
				244	RENT OF LAND BLDG & OFFIC			193.65
				25A	IN STATE MILEAGE	193.65	193.65	1,627.00

FEDERAL FUNDS - ENV. PRES. 050



ARKANSAS FINANCIAL MANAGEMENT SYSTEM  
EXPENDITURE BY ACTIVITY REPORT

03/02/79

MONTH ENDING 02/28/79

FISCAL YEAR 78-79

AGY	APPRO	ACT	CHAR	OBJ	DESCRIPTION	MONTH-TO-DATE	QUARTER-TO-DATE	YEAR-TO-DATE	
930	399	020	2	255	BOARD & COMMISSION EXP	66.20	359.57	2,338.07	
				259	OTHER TRAVEL EXPENSE		2.00	12.20	
				264	PROF SERVICE CONTRACTS		59,301.25	150,353.50	
				263	LEGAL FEES			336.25	
				286	INDIRECT COST ALLOCATION	426.00	426.00	811.00	
				288	PRINTING & REPRODUCTION C	315.29	315.29	1,662.70	
				291	ASSOC DUES & CONFER FEES			10.00	
				331	STATIONERY & OFFICE SPLS		208.84	4,236.46	
				336	SHOP & INDUSTRIAL SPLS		87.30	3,346.28	
				337	SUBSCRIPTIONS			138.70	
				742	OFF & HSHLD FURN & EQPT			734.34	
					** CHARACTER TOTAL **	807.49	60,743.51	167,555.33	
			3	161	GROUP INSURANCE	142.50	190.00	674.50	
				162	RETIREMENT	570.96	842.28	3,866.80	
				163	FICA	437.52	576.13	2,101.08	
					** CHARACTER TOTAL **	1,150.98	1,608.41	6,642.38	
					** ACTIVITY TOTAL **	6,716.47	71,749.92	208,800.01	
			030	2	288	PRINTING & REPRODUCTION C	37.05	87.05	87.05
					** CHARACTER TOTAL **	37.05	87.05	87.05	
					** ACTIVITY TOTAL **	87.05	87.05	87.05	
			040	2	213	FREIGHT		8.30	8.30
					** CHARACTER TOTAL **		251.08	251.08	
					** ACTIVITY TOTAL **		259.38	259.38	
					** APPROPRIATION TOTAL **	24,589.52	89,622.97	227,277.03	
					APPRO POLLUTION CONT-ST 208 WATER QU ACT 769 OF 1977				
			400	020	2	255	BOARD & COMMISSION EXP	516.30	516.30
							** CHARACTER TOTAL **	516.30	516.30
							** ACTIVITY TOTAL **	516.30	516.30
							** APPROPRIATION TOTAL **	516.30	516.30
							** AGENCY TOTAL **	245,925.08	498,757.29
								1,739,765.86	

STATE FUNDS - 208 PLANNING



STATE OF ARKANSAS  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

8001 NATIONAL DRIVE P. O. BOX 9583  
LITTLE ROCK, ARKANSAS 72219

501 371-1701 WATER  
501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.  
501 371-2130 SOLID WASTE

March 8, 1979

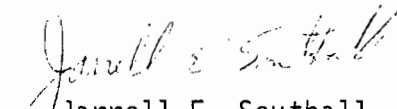
Mr. Don H. Smith  
Eilbott, Smith, Eilbott and Humphries  
Post Office Box 5010  
Pine Bluff, AR 71611

Dear Mr. Smith:

This will acknowledge receipt of your letter dated March 5, 1979 and your request that Delta Specialty, Inc. be granted an appearance before the Commission at its meeting on March 23, 1979.

Delta Specialty will be placed on the agenda to appear at 9:00 a.m. Because of the limited space in our meeting room, we ask that you limit the number of representatives in attendance.

Sincerely yours,

  
Jarrell E. Southall  
Director

bbc

EILBOTT, SMITH, EILBOTT AND HUMPHRIES

ATTORNEYS AT LAW

219 WEST FIFTH AVENUE

P. O. BOX 5010

PINE BLUFF, ARKANSAS 71611

February 13, 1979

TELEPHONE  
534-3721  
AREA CODE 501

M. L. REINBERGER (1960)  
R. A. EILBOTT, JR. (1977)  
DON H. SMITH  
DON A. EILBOTT  
ALAN R. HUMPHRIES  
THOMAS E. BROWN

FEB 15 1979

Mr. Jarrel Southall  
Dept. of Pollution Control & Ecology  
8001 National Drive  
Little Rock, AR 72201

Re: Application of Delta Specialty, Inc.  
For Hazardous Waste Landfill in Hempstead County

Dear Mr. Southall:

As attorney for Delta Specialty, Inc., I am, by this letter requesting permission for Delta Speciality, Inc., and myself to appear before the Commission of Pollution Control and Ecology in March, which I understand is March 28, 1979.

In order that we will be considering the same aspects it is my understanding that Delta Specialty, Inc., submitted it's application on August 29, 1978, with a second addendum thereto on October 10, 1978. That questions raised by one of the agents of the Department of Pollution Control and Ecology were responded to on November 7, 1978, and a letter from yourself setting up certain requirements was responded to on November 15, 1978, and a third addendum to the permit was submitted on December 8, 1978.

It is the feeling of my client and myself that all efforts have been made to comply with requirements and regulations and that we will continue to do so but we feel that the time lapse during which we have made no apparent progress in our obtaining a permit must be submitted to the Commission at this time.

We realize that the Public Hearing requirement has not been met at this time, therefore, we are requesting you, as the Director to get authority to hold the Public Hearing early enough that the transcripts thereof will be available for the March Commission hearing.

Very truly yours,

EILBOTT, SMITH, EILBOTT & HUMPHRIES

BY Donald H. Arnold

DHS:dc

CC: Mr. Frank Dillard

EILBOTT, SMITH, EILBOTT AND HUMPHRIES

ATTORNEYS AT LAW

219 WEST FIFTH AVENUE

P. O. BOX 5010

PINE BLUFF, ARKANSAS 71611

March 5, 1979

M. L. REINBERGER (1960)  
R. A. EILBOTT, JR. (1977)  
DON H. SMITH  
DON A. EILBOTT  
ALAN R. HUMPHRIES  
THOMAS E. BROWN

TELEPHONE  
534-3721  
AREA CODE 501

Mr. Jarrell Southall  
Dept. of Pollution Control & Ecology  
8001 National Drive  
Little Rock, Arkansas 72201

Re: Application of Delta Specialty, Inc.

Dear Mr. Southall:

Subsequent to my letter of February 13, 1979, requesting a hearing before the Commission at it's March meeting, I have learned that the date used in my letter was erroneous and that it is now set for March 23, 1979, and I would appreciate it if you would treat this letter together with my other letter as a request for Delta Specialty, Inc., to appear before the Commission on March 23, which I understand is the scheduled March meeting. If there is any difference in the meeting time I would appreciate it if you would let me know.

Very truly yours,

EILBOTT, SMITH, EILBOTT & HUMPHRIES

BY



DHS:dc

MAR 17 1979



STATE OF ARKAN. S  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

8001 NATIONAL DRIVE P. O. BOX 9583  
LITTLE ROCK, ARKANSAS 72219

501 371-1701 WATER  
501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.  
501 371-2130 SOLID WASTE

March 21, 1979

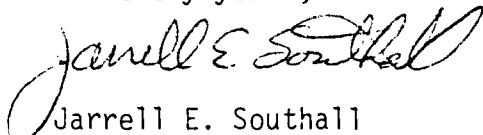
The Honorable Keith Wood  
Route 2, Box 97W  
Hope, AR 71801

Dear Mr. Wood:

Since receiving your letter of March 16, 1979, the Department has been advised by the attorney for Delta Specialty, Inc. that Delta does not expect, and will not request, the Commission to issue a permit during the March 23 Commission meeting. Rather, as I understand the situation, Delta would like to discuss with the Commission a date for a public hearing on Delta's permit application.

I agree with you that Senate Bill 157, as signed into law, would prohibit the Commission from issuing a permit to Delta on March 23, 1979. Additionally, the Commission's previous actions on Delta's preliminary application clearly requires a thirty day notice of public hearing. That notice has not been given due to the fact that a final application has not been received. Since Delta has yet to complete its final application, I imagine that there will be some discussion during the Commission meeting about what will be required in the application and when regulations required under the law will be adopted.

Sincerely yours,

  
Jarrell E. Southall  
Director

bbc

cc: Governor Bill Clinton  
Senator Olen Hendrix  
Representative L. J. Bryson  
Hempstead Co. Judge Bohanon  
Nevada Co. Judge Taylor  
Mayor Charles Jester

cc: Mayor Booker, Emmet  
Mayor Hansel Herring, Prescott  
George Frazier  
Nevada County Picayune  
Hope Star  
KXAR  
KHPA

Representative  
KEITH WOOD  
Route#2, Box 97W  
HOPE, ARKANSAS 71801

DISTRICT 20  
Hempstead County



STATE OF ARKANSAS

# House of Representatives

COMMITTEES  
MEMBER

Revenue and Taxation  
Economic and Industrial Resources  
and Development

March 16, 1979

Mr. Jarrell Southall, Director  
Dept. of Pollution Control & Ecology  
State of Arkansas  
Little Rock, Arkansas 72201

Dear Mr. Southall:

According to an article in the March 14 issue of the Hope Star, Delta Company has requested a meeting with the Department of Pollution Control and Ecology out of a desire to obtain an operating permit for a Hazardous Waste Landfill in Hempstead County near Emmett, Arkansas, and that their request has been met with the scheduling of a meeting in Little Rock on March 23, 1979.

As you were involved in the drafting of Senate Bill 157 and its amendments and were present in the Governor's conference room when the bill was signed into law on March 14 and became Act 406 of 1979, it should not be necessary to point out that the provisions in the act control all new and pending applications before the Department. However, on behalf of the citizens of Hempstead County and Arkansas, I take a position of opposition to this scheduled meeting because Section 5 (j) of Act 406 of 1979, a copy of which you have, requires 30 day advance notice of a public hearing in local newspapers prior to the issuance of any permits that fall within the realm of this new law.

As many of us, including yourself, worked diligently in assisting Senator Olen Hendrix with this law with the intent of protecting the people and environment of Arkansas, it is our duty now to carry out the intent of the law and comply with the provisions therein.

Sincerely,

A handwritten signature in cursive script that reads "Keith".

Keith Wood

KW/jes

cc: Governor Bill Clinton  
Senator Olen Hendrix  
Representative L. J. Bryson  
Hempstead County Judge Wayne Bohanon  
Nevada County Judge Bobby Taylor  
Mayor Charles Jester

cc: Mayor Booker, Emmett  
Mayor Hansel Herring, Prescott  
George Frazier  
Hope Star  
Nevada County Picayune  
KXAR  
KHPA

# A Bill

SENATE BILL

157

By: Senator Hendrix

As engrossed 3/9/79  
As engrossed 2/6/79

## For An Act To Be Entitled

1 "AN ACT RELATING TO HAZARDOUS WASTE DISPOSAL; DEFINING TERMS;  
2 EMPOWERING THE DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY TO  
3 ADMINISTER AND ENFORCE THE ACT AND TO ADOPT RULES AND  
4 REGULATIONS; OUTLINING THE POWERS AND DUTIES OF THE DEPARTMENT;  
5 REQUIRING PERMITS; PROVIDING REMEDIES AND PRESCRIBING PENALTIES  
6 FOR VIOLATIONS; PROVIDING FOR SEVERABILITY; DECLARING AN  
7 EMERGENCY; AND FOR OTHER PURPOSES."

8  
9 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF ARKANSAS:

10  
11 SECTION 1. SHORT TITLE. This Act may be cited as the Arkansas Hazardous  
12 Waste Management Act of 1979.

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14 SECTION 2. PURPOSE. It is the purpose of this Act and it is hereby  
15 declared to be the policy of this State (a) to protect the public health  
16 and safety, the health of living organisms and the environment, from the  
17 effects of the improper, inadequate, or unsound management of hazardous  
18 wastes; (b) to establish a program of regulation over the generation, storage,  
19 transportation, treatment, and disposal of hazardous wastes; (c) to assure  
20 the safe and adequate management of hazardous wastes within this State;  
21 (d) to qualify the Department of Pollution Control and Ecology to adopt,  
22 administer, and enforce a hazardous waste program pursuant to the Federal  
23 Resource Conservation and Recovery Act of 1976 (Public Law 94-580 approved  
24 October 21, 1976), (e) and to afford the people of the State of Arkansas a voice  
25 in the permitting of hazardous waste facilities within their respective counties.

26 SECTION 3. DEFINITIONS. For purposes of this Act,

27 (a) "Department" means the Arkansas Department of Pollution Control and  
28 Ecology.

29 (b) "Director" means the Director of the Department.

30 (c) "Commission" means the Arkansas Commission on Pollution Control and  
31 Ecology within the Department.

32 (d) "Disposal" means the discharge, deposit, injection, dumping,

1 spilling, leaking or placing of any hazardous waste into or on any land  
2 or water *in whatever manner* so that such hazardous waste or any constituent  
3 thereof *might or might not* enter the environment or be emitted into the air  
4 or discharged into any waters, including groundwaters.

5 (e) "Generation" means the act or process of producing waste materials.

6 (f) "Hazardous Waste" means any waste or combination of wastes of a  
7 solid, liquid, contained gaseous, or semisolid form which, because of  
8 its quantity, concentration, or physical, chemical, or infectious  
9 characteristics, may in the judgment of the Department (1) cause  
10 or significantly contribute to an increase in mortality or an increase  
11 in serious irreversible or incapacitating reversible illness; or (2)  
12 pose a substantial present or potential hazard to human health or the  
13 environment when improperly treated, stored, transported, or disposed  
14 of or otherwise improperly managed. Such wastes include, but are not  
15 limited to, those which are radioactive, toxic, corrosive, flammable,  
16 irritants, strong sensitizers, or which generate pressure through  
17 decomposition, heat, or other means.

18 (g) "Hazardous Waste Management" means the systematic control of the  
19 generation, collection, source separation, storage, transportation,  
20 processing, recovery, disposal and treatment of hazardous waste.

21 (h) "Manifest" means the form used for identifying the quantity,  
22 composition, and the origin, routing, and destination of hazardous  
23 waste during its transport.

24 (i) "Person" means any individual, corporation, company, firm,  
25 partnership, association, trust, joint stock company, state agency,  
26 government instrumentality or agency, institution, county, city, town,  
27 or municipal authority or trust, venture, or any other legal entity,  
28 however organized.

29 (j) "Storage" means the containment of hazardous wastes, either on a  
30 temporary basis or for a period of years, in such a manner as not to  
31 constitute disposal of such hazardous wastes, *provided, however, that*  
32 *storage by means of burial shall be deemed to constitute disposal*  
33 *within the meaning of this Act.*

34 (k) "Transport" means the movement of wastes from the point of  
35 generation to any intermediate points, and finally to the point of  
36 ultimate storage or disposal.

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(1) "Treatment" means any method, technique, or process, including neutralization, designed to change the physical, chemical, or

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1 biological character or composition of any hazardous waste, so as to  
2 neutralize such waste or so as to render such waste less hazardous,  
3 safer for transport, amenable to recovery, amenable to storage, amenable  
4 to disposal, or reduced in volume.

5 (m) 'Facility' means any land and appurtenances, thereon and thereto,  
6 used for the treatment, storage, and/or disposal of hazardous waste.

7 (n) "Treatment Facility" means a location at which waste is subjected  
8 to treatment and may include a facility where waste has been generated.

9 (o) 'Site' means any real property located within the boundary of the  
10 State of Arkansas contemplated and/or later acquired for the purpose of  
11 but not limited to landfills or other facilities to be used for treat-  
12 ment, storage, disposal, or generation of hazardous wastes.

13 SECTION 4. POWERS AND DUTIES. The Department shall have the following  
14 powers and duties:

15 (a) To administer and enforce all laws, rules and regulations relating  
16 to the generation, storage, treatment, transportation, recovery, and disposal  
17 of hazardous wastes;

18 (b) To conduct and publish such studies of hazardous waste management  
19 in this state as shall be deemed appropriate, including but not limited to,  
20 a description of the sources of hazardous waste generated within the state,  
21 the types and quantities of such waste, a description of current hazardous  
22 waste management practices and costs, including treatment, recovery, and  
23 disposal;

24 (c) To develop, publish and implement plans in accordance with  
25 the provisions of this Act for the safe and effective management of  
26 hazardous wastes within this State, including, but not limited to, the  
27 establishment of criteria for the identification of those locations within  
28 the state which are suitable for establishment of hazardous waste treat-  
29 ment or disposal facilities or sites and those locations which are not  
30 suitable for such purposes;

31 (d) To establish criteria for the determination of whether any waste  
32 or combination of wastes is hazardous for purposes of this Act and to  
33 identify and specify wastes or combination of wastes as being hazardous;

34 (e) To adopt, after notice and public hearing, promulgate, modify,  
35 repeal, and enforce rules and regulations for the collection, generation,  
36 storage, transportation, disposal, recovery, and treatment of hazardous

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wastes as may be necessary or appropriate to implement or effectuate the purposes and intent of this Act and the powers and duties of the Department hereunder, including, but not limited to, rules and regulations for:

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2 (1) the containerization and labeling of hazardous wastes, which rules,  
3 to the extent practicable, shall be consistent with those issued by  
4 the United States Department of Transportation, the United States  
5 Environmental Protection Agency, and the Arkansas Transportation  
6 Commission;

7 (2) establishing standards and procedures for the safe operation and  
8 maintenance of facilities;

9 (3) identifying those wastes or combination of wastes which are  
10 incompatible and which may not be stored or disposed of together and  
11 procedures for preventing the storage, disposal, recovery or treatment  
12 of incompatible wastes together;

13 (4) the reporting of the generation, storage, transportation, recovery,  
14 treatment, or disposal of hazardous wastes;

15 (5) establishing standards and procedures for the certification of  
16 supervisory personnel at hazardous waste treatment or disposal  
17 facilities or sites as required under Section 5(g)(3) hereof;

18 (6) establishing a manifest system for the transport of hazardous  
19 wastes and prohibiting the receipt of hazardous wastes at storage,  
20 processing, recovery, disposal, or transport facilities or sites  
21 without a properly completed manifest.

22 (f) To issue, continue in effect, revoke, modify, or deny, under such  
23 conditions as it may prescribe, permits for the establishment, construction,  
24 operation, and/or maintenance of hazardous waste treatment or disposal  
25 facilities or sites, as more particularly prescribed by Section 5 of this  
26 Act;

27 (g) To make such investigations and inspections and to hold such  
28 hearings, after notice, as it may deem necessary or advisable for the  
29 discharge of its duties hereunder and to insure compliance with this Act,  
30 and any orders, rules, and regulations issued pursuant thereto:

31 (h) To make, issue, modify, revoke, and enforce orders, after notice  
32 and hearing, prohibiting violation of any of the provisions of this Act  
33 or of any rules and regulations issued pursuant thereto or any permit  
34 issued thereunder, and requiring the taking of such remedial measures as  
35 may be necessary or appropriate to implement or effectuate the provisions  
36 and purposes of this Act;

1 (i) To institute proceedings in the name of the Department in any  
2 court of competent jurisdiction to compel compliance with, and to restrain  
3 any violation of the provisions of this Act and/or any rules, regulations  
4 and orders issued pursuant thereto or any permit issued thereunder, and to  
5 require the taking of such remedial measures as may be necessary or  
6 appropriate to implement or effectuate the provisions and purposes of this  
7 Act. In any civil action in which a temporary restraining order, preliminary  
8 injunction, or permanent injunction is sought, it shall not be necessary  
9 to allege or prove at any stage of the proceeding that irreparable damage  
10 will occur should the requested relief not be granted, nor that the remedy  
11 at law is inadequate.

12 (j) To initiate, conduct and support research, demonstration projects  
13 and investigations and coordinate all state agency research programs  
14 pertaining to hazardous waste management, and to establish technical  
15 advisory committees to assist in the development of procedures, standards,  
16 criteria, and rules and regulations, the members of which may be reimbursed  
17 for travel expenses;

18 (k) To establish policies and standards for effective hazardous waste  
19 management;

20 (l) To establish standards and procedures for the certification of  
21 personnel to operate hazardous waste treatment or disposal facilities;

22 (m) In addition to the foregoing, the Department shall have and may  
23 use in the administration and enforcement of this Act all of the powers which  
24 it has under other acts administered by it, including the Arkansas Water  
25 and Air Pollution Control Act (Section 82-1901 et seq., Ark. Stats. Ann.)  
26 and the Arkansas Solid Waste Management Act (Section 82-2701 et seq.,  
27 Ark. States. Ann.).

28  
29 SECTION 5. PERMITS. (a) No person shall construct, substantially  
30 alter, or operate

31 any hazardous waste treatment or disposal facility or site, nor  
32 shall any person store, transport, treat, or dispose of any hazardous  
33 waste without first obtaining a permit from the Department for such  
34 facility, site, or activity. *Persons who construct, substantially*  
35 *alter or operate a facility which generates hazardous wastes shall*  
36 *be subject to the reporting requirements of the Act, but shall not*

1 be required to obtain a permit under this Act unless such person  
2 also stores, transports, treats or disposes of hazardous wastes.

3 (b) Permits shall be issued under such terms and conditions as  
4 the Department may prescribe under the provisions of this Act, and  
5 under such terms and conditions as the Arkansas Transportation  
6 Commission may prescribe for the transportation of hazardous wastes.  
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3 (c) Facilities *required to have a permit under this Act or*, which are  
4 operating under terms of permits issued under the Arkansas Water and Air  
5 Pollution Control Act (Act 472 of 1949, as amended) or the Arkansas Solid  
6 Waste Management Act (Act 237 of 1971) as of the date of enactment of this  
7 Act, may continue in operation until such time as a permit is issued under  
8 the provisions of this Act by the Department, provided that the owner or  
9 operator of such facility has made application on forms provided by the  
10 Department for such permit within six months of the date of enactment of  
11 this Act.

12 (d) Permits shall be issued for a period not to exceed five years, and  
13 shall be subject to renewal by the Department upon a showing that the facility  
14 has been operated in accordance with the terms of the permit, the rules and  
15 regulations applicable to such facility, and compliance with all other  
16 provisions of this Act.

17 (e) Any permit issued hereunder shall be subject to revocation for  
18 failure of the permittee to comply with the terms and conditions of the  
19 permit, the rules and regulations of the Department applicable thereto, or  
20 of the provisions of this Act. Any person who is denied a permit by the  
21 ~~Director or who has~~ such permit revoked or modified shall be afforded an  
22 opportunity for a hearing by the Commission in connection therewith upon  
23 written application made within thirty (30) days after service of notice  
24 of such denial, revocation, or modification.  
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26 (f) No permit shall be issued by the Department for any facility unless  
27 the Department, after opportunity for public comment, has determined that the  
28 facility has been designed and will be operated in such manner that any  
29 emissions from the facility will comply with *the provisions of this Act,*  
30 *the standards and regulations issued pursuant to this Act, and all*  
31 applicable State and Federal standards and regulations concerning air  
32 ~~and water quality and~~ that the transfer, handling, and storage of  
33 materials within the facility will not cause conditions which would  
34 violate State and Federal standards concerning worker safety or create  
35 unreasonable hazards to the environment or to the health and welfare  
36 of the people living and working in or near such facility.

1 No permit shall be issued by the Department for any commercial disposal or  
2 storage facility off the site where the hazardous waste is generated until  
3 the Department has adopted rules, regulations, standards and procedures  
4 pursuant to Section 4. The rules, regulations, standards, procedures or  
5 other requirements adopted and imposed by the Department shall not be less  
6 stringent than the regulations promulgated or revised by the Environmental  
7 Protection Agency pursuant to the federal Resource Conservation and Recovery  
8 Act of 1976. Pending the effective date of federal regulations promulgated  
9 by the Environmental Protection Agency, the Department shall use the proposed  
10 regulations published by the Environmental Protection Agency as minimum  
11 guidelines in adopting any interim rules, regulations, standards and  
12 procedures.

13 (g) No permit shall be issued for any commercial hazardous waste  
14 treatment, storage or disposal facility unless that facility meets such terms  
15 and conditions as the Department may direct, including, but not limited to,  
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1 (1) Evidence of liability insurance in such amount as the Department  
2 may determine to be necessary for the protection of the public health  
3 and safety and of the environment;

4 (2) Evidence of financial responsibility in such form and amount as  
5 the Department may determine to be necessary to insure that, upon  
6 abandonment, cessation, or interruption of the operation of the facility,  
7 all appropriate measures are taken to prevent present and future damage  
8 to the public health and safety and to the environment;

9 (3) Evidence that the personnel employed at the hazardous waste  
10 treatment or disposal facility meet such qualifications as to education  
11 and training as the Department may determine to be necessary to assure  
12 the safe and adequate operation of the facility. Persons charged with  
13 the direct supervision of the operation of any facility must be  
14 certified by the Department as having such qualifications after a review  
15 of the types, properties, and volume of hazardous waste to be treated  
16 or disposed of at the facility. The Department may require the  
17 recertification of supervisory personnel where there is any significant  
18 change in the types or properties of hazardous waste being treated  
19 or disposed of in any facility;

20 (4) Evidence of an appropriate preventive maintenance program, spill  
21 prevention plan, safety procedures and contingency plans which contingency  
22 plans have been developed in consultation with the fire department  
23 having jurisdiction and by the Mayor or City Manager of the municipality  
24 or by the County Judge of the county in which the facility is to be  
25 located.

26 (5) Evidence that the location of the facility is consistent with the  
27 siting criteria established by the Department as provided in Section 4(c) of  
28 this Act. The provisions of this subsection (5) shall not apply to treatment  
29 facilities which began operation prior to the date of enactment of this Act  
30 and which have an existing operating permit from the Department, or to any  
31 subsequent modifications to such facilities, provided that the owner of such  
32 facility can demonstrate that such modifications do not materially increase  
33 the degree of hazards associated with such facility.

34 (6) Evidence of such forms of assurance, including full fee ownership  
35 of lands, and all mineral rights thereto, to ensure that the owner of any  
36 hazardous waste landfill has the legal authority to commit such landfill to

perpetual security .

2           (h)       No hazardous waste landfill disposal facility off the  
3 site of generation shall be located within one-half (1/2) mile of any  
4 occupied dwelling, unless the applicant shall affirmatively demonstrate  
5 and the Department shall specifically find that, because of the nature  
6 and amounts of the materials to be placed in such facility, a lesser  
7 distance will provide adequate margins of safety even under abnormal  
8 operating conditions.

9           (i)       The Department shall have guthority to establish a schedule of  
10 fees to recover the costs of processing permit applications and permit  
11 renewal proceedings, on-site monitoring, the certification of personnel  
12 to operate hazardous waste treatment and disposal facilities, and such  
13 other activities of Department personnel which are reasonably necessary  
14 to assure that permitted facilities are being operated in accordance  
15 with the provisions of this Act and which *reasonably* should be borne  
16 by the permittee.

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1 (j) No permit shall be issued by the Department or Commission for any  
2 commercial hazardous waste treatment, storage, or disposal facility unless  
3 30-day advance notice of a hearing has been placed in the largest newspaper  
4 published in the county in which a facility or facilities is located or  
5 proposed to be located, as well as published in the largest newspaper  
6 published in the adjoining counties. Provided, if there is no newspaper  
7 published in any of the counties so affected the notice shall be published  
8 in the newspaper(s) having the largest circulation in such county or counties.

9 (k) No permit shall be issued for non-commercial hazardous waste treatment,  
10 storage, or disposal facilities except under the terms of regulations of the  
11 Department which conform to the provisions of Section 3005 of the federal  
12 Resource Conservation and Recovery Act (PL94-580).

13 SECTION 6. CONSIDERATION OF VARYING CONDITIONS; AND PROVIDING FOR  
14 COORDINATED PROCEDURES AND INTEGRATED ADMINISTRATION.

15 (a) In administering the provisions of this Act, the Department may  
16 adopt and give appropriate effect to variations within this State in climate,  
17 geology, population density, and such other factors as may be relevant to  
18 the management of hazardous wastes, the establishment of standards and  
19 permit conditions, and to the siting of permitted facilities.

20 (b) To the extent practicable, the rules and regulations and procedures  
21 adopted by the Department pursuant to this Act shall be consistent with  
22 other environmentally related rules, regulations, and procedures of the  
23 Department. In administering the provisions of this Act and of all other  
24 acts under the administration of the Department, the Department and Commission  
25 shall coordinate and expedite the issuance of permits required by an  
26 applicant under one or more acts, to the end of eliminating insofar as  
27 practicable any duplication of unnecessary time and expense to the applicant  
28 and the Department.

29 (c) The Department shall integrate all provisions of this Act with the  
30 appropriate provisions of all other acts which grant regulatory authority  
31 to the Department for purposes of administration and enforcement, and  
32 shall avoid duplication to the maximum extent practicable.  
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34 SECTION 7. TRANSPORTATION OF HAZARDOUS WASTE. Following notice and  
35 public hearing, the Arkansas Transportation Commission, in consultation  
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1 with the Department, shall issue rules and regulations for the transportation  
2 of hazardous waste. Such rules and regulations shall be consistent with  
3 applicable rules and regulations issued by the United States Department of  
4 Transportation and with any rules, regulations, and standards issued by  
5 the Department pursuant to this Act. The Arkansas Transportation Commission  
6 shall comply with this section within one year after the effective date of  
7 this Act. The provisions of this section shall apply equally to those  
8 persons transporting hazardous wastes generated by others and to those  
9 transporting hazardous wastes they have generated themselves, or combinations  
10 thereof.  
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SECTION 8. IMMINENT HAZARD.

Notwithstanding any other provisions of this Act, the Director of the Department, upon finding that the storage, transportation, treatment, or disposal of any waste may present an imminent and substantial hazard to the health of persons or to the environment and that an emergency exists requiring immediate action to protect the public health and welfare, he may, without notice or hearing, issue an order reciting the existence of such an imminent hazard and emergency and requiring that such action be taken as he determines to be necessary to protect the health of such persons and/or the environment and to meet the emergency. The order of the Director may include, but is not limited to, directing the operator of the treatment or disposal facility or site, or the custodian of the waste, which constitutes such hazard, to take such steps as are necessary to prevent the act or eliminate the practice which constitutes such hazard and, with respect to a facility or site, may order cessation of operation. Any person to whom such order is directed shall comply therewith immediately, but, on written application to the Director within ten days of the issuance of such order, shall be afforded a hearing before the Commission within ten (10) days after receipt of said written request. On the basis of such hearing, the Commission shall continue such order in effect, or revoke or modify it.

SECTION 9. PROCEDURE. The procedure of the Department and Commission for issuance of rules and regulations, conduct of hearings, notice, power of subpoena, review of action on permits, right of appeal, presumptions, finality of actions, and related matters shall be as provided in Part I of the Arkansas Water and Air Pollution Control Act, as amended, including *but not limited to* Sections 82-1904 (11) and 82-1906, Ark. Stats. Ann. *provided such is not in conflict with the provisions set forth in this Act.*

SECTION 10. DEPARTMENT DESIGNATED STATE AGENCY FOR PARTICIPATION IN FEDERAL PROGRAM; AND INTERSTATE COOPERATION.

(a) The Department is hereby designated as the official agency for the State for all purposes of the Federal Resource Conservation and Recovery Act of 1976 (Public Law 94-580 approved October 21, 1976), as it now exists

1 or may hereafter be amended, and for the purpose of such other State or  
2 Federal legislation as has or may be hereafter enacted to assist in the  
3 management of hazardous wastes.

4 (b) The legislature of this State encourages cooperative activities  
5 by the Department with other states for the improved management of hazardous  
6 wastes, and so far as is practicable, uniform state laws relating to the  
7 management of hazardous wastes, and compacts between this and other states  
8 for the improved management of hazardous wastes. The Department may enter  
9 into agreements with the responsible authorities of the United States and/or  
10 of other states, subject to approval by the Governor, relative to policies,  
11 methods, means, and procedures to be employed in the management of hazardous  
12 wastes *not inconsistent with the provisions of this Act* and may carry out such  
13 agreements.

14 SECTION 11. MAINTAINING RECORDS, FURNISHING INFORMATION, AND PERMITTING  
15 EXAMINATIONS AND SURVEYS.

16 (a) The owner or operator of any permitted facility or site shall  
17 establish and maintain such records, make such reports, install, use, and  
18 maintain such monitoring equipment or methods, take such samples, and  
19 perform such tests, and provide such other information to the Department  
20 as the Director may reasonably require.

21 (b) The Department, or any authorized employee or agent thereof,  
22 may examine and copy any book, papers, records, or memoranda pertaining  
23 to the operation of the facility or site.

24 (c) The Department, or any authorized employee or agent thereof, may  
25 enter upon any property, public or private, for the purpose of obtaining  
26 information or conduction surveys or investigations necessary or appropriate  
27 for the purposes of this Act.

28 (d) Any records, reports, or information obtained under this Act and  
29 any permits, permit applications, and related documentation shall be  
30 available to the public for inspection and copying; provided that upon a  
31 showing satisfactory to the Director that such records, reports, permits,  
32 documentation, or information, or any part thereof would, if made public,  
33 divulge methods or processes entitled to protection as trade secrets, the  
34 Director shall consider, treat, and protect such records, reports, or  
35 *information as confidential. As necessary to carry out the provisions of this*  
36 *Act, information afforded confidential treatment may be transmitted under a*

1 continuing restriction of confidentiality to other officers, employees, or  
2 authorized representatives of the State or of the United States, provided  
3 that the owner or operator of the facility to which such information pertains  
4 is informed at least two weeks prior to such transmittal and provided further  
5 that such information has been acquired by the Department under the provision  
6 of this Act. The provisions of this Section shall not be construed to limit  
7 the Department's authority to release confidential information during  
8 emergency situations. Any violation of this subsection shall be unlawful and  
9 constitute a misdemeanor.

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SECTION 12. UNLAWFUL ACTS. It shall be unlawful for any person:

(a) to violate any provision of this Act or of any rule, regulation, permit, or order adopted or issued under this Act;

(b) knowingly to make any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained under this Act, or to falsify, tamper with, or knowingly render inaccurate any monitoring device or method required to be maintained under this Act or any rules or regulations adopted pursuant thereto;

(c) to dispose of hazardous wastes at any disposal site or facility other than one for which a permit has been issued by the Department pursuant to this Act;

(d) to store, collect, transport, treat, or dispose of any hazardous waste contrary to the rules, regulations, permits, or orders issued under this Act or in such a manner or place as to create or as is likely to be created a public nuisance or a public health hazard or to cause or is likely to cause water or air pollution within the meaning of the Arkansas Water and Air Pollution Control Act, as amended (Section 82-1902 et seq., Ark. Stats. Ann.).

SECTION 13. PENALTIES.

(a) Any person who commits any unlawful act shall be guilty of a misdemeanor and upon conviction thereof, shall be subject to imprisonment for not more than one (1) year, or a fine of not more than Ten Thousand Dollars (\$10,000.00), or by both such fine and imprisonment. Each day or part of a day during which such violation is continued or repeated shall constitute a separate offense.

(b) Any person who violates any provision of this Act or commits any unlawful act thereunder shall be subject to a civil penalty in such amount as the court shall find appropriate, not to exceed twenty-five thousand dollars (\$25,000.00) per day of such violation, to the payment of any expenses reasonably incurred by the State in removing, correcting, or terminating any adverse effects resulting therefrom, including the cost of the

1 investigation, inspection, or survey establishing such violation or unlawful  
2 act, and the payment to the State of reasonable compensation of any actual  
3 damage resulting therefrom.

4 SECTION 14. VARIANCES. Where the application of, or compliance with,  
5 any rule or regulations issued under this Act would, in the judgment of the  
6 Commission, cause undue or unreasonable hardship to any person and not cause  
7 substantially adverse environmental effects, the Commission may issue a  
8 variance from such rule or regulation. In no case shall the duration of any  
9 such variance exceed one year; renewals or extensions may be given only after  
10 opportunity for public comment on each such renewal or extension.

11 SECTION 15. EXISTING RULES, REGULATIONS, ORDERS, PERMITS, LEGAL PRO-  
12 CEEDINGS.

13 (a) All existing rules and regulations of the Department *not inconsistent*  
14 *with the provisions of this Act* relating to subjects embraced within this Act  
15 shall remain in full force and effect until expressly repealed, amended, or  
16 superceded by the Commission *provided, however, insofar as said rules and*  
17 *regulations do not conflict with the provisions of this Act.*

18 (b) All orders entered, permits granted, and pending legal proceedings  
19 instituted by the Department relating to subjects embraced within this Act  
20 shall remain unimpaired and in full force and effect until superceded by  
21 actions taken by the Department or Commission under this Act.

22 (c) No existing civil or criminal remedies, public or private, for  
23 any wrongful action shall be excluded or impaired by this Act.

24 (d) *The provisions of this Act, and the rules and regulations promulgated*  
25 *pursuant to this Act, shall govern if the same conflict with the provisions of*  
26 *the Arkansas Water and Air Pollution Control Act, as amended (Section 82-1902*  
27 *et seq., Ark. Stats. Ann.), or the Arkansas Solid Waste Management Act (Section*  
28 *82-2701 et seq., Ark. Stats. Ann.), or any action taken by the Department or*  
29 *Commission under said Acts.*

30 (e) Any person adversely affected by a violation of this Act or of  
31 any rules, regulations, or orders issued pursuant thereto, shall have a  
32 private right of action for relief against such violation.

33 SECTION 16. All legal proceedings affecting hazardous waste treatment  
34 and/or hazardous waste disposal facilities in this state shall be brought  
35 in the county in which the facility is located.  
36

1 SECTION 17. SEPARABILITY. The provisions of this Act are hereby  
2 declared to be separable and if any provision shall be determined to be  
3 invalid, it shall not affect the validity of the remaining provisions of  
4 this Act.

5  
6 SECTION 18. REPEAL. All laws and parts of laws in conflict herewith  
7 are hereby repealed to the extent of such conflict. Nothing contained in  
8 this Act shall be deemed to repeal or affect the provisions of the Arkansas  
9 Solid Waste Management Act except as to hazardous wastes as defined herein  
10 and the Arkansas Solid Waste Management Act and rules and regulations issued  
11 thereunder shall continue in full force and effect in respect to all wastes  
12 other than hazardous wastes.

13  
14 SECTION 19. EMERGENCY. It has been found and it is hereby declared  
15 by the General Assembly of the State of Arkansas that it is essential to the  
16 health, welfare and safety of the people of the State of Arkansas and to  
17 the minimizing of environmental damage that hazardous wastes be managed in  
18 an environmentally sound manner; that the knowledge and technology necessary  
19 for alleviating adverse health, environmental, and esthetic impacts resulting  
20 from current hazardous waste management and disposal practices are generally  
21 available at costs within the financial capabilities of those who generate  
22 such wastes, but that such knowledge and technology are not widely used; that  
23 existing practices and laws are inadequate; that this Act and the  
24 implementation thereof are necessary to the accomplishment of the proper  
25 management of hazardous wastes and to the welfare of the State of Arkansas  
26 and her people. Therefore, an emergency is hereby declared to exist, and  
27 this Act, being necessary for the preservation of the public peace, health,  
28 and safety, shall be in full force and effect from and after its passage  
29 and approval.

30 *Ole Hendrix*  
31  
32  
33  
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35  
36

Statement to Arkansas Pollution Control & Ecology Department

March 23, 1979

My name is Asa Craig. I am Mill Manager for the Georgia-Pacific paper operations located at Crossett, Arkansas. We appreciate the opportunity to appear before you for the purpose of appealing for your assistance relative to a draft NPDES permit that will be issued shortly by the Environmental Protection Agency, Dallas, Texas.

Before I go into detail concerning the problem with the draft permit, let me review briefly the background on our operations at Crossett. The Georgia-Pacific complex consists of two plywood plants, a particleboard plant, a sawmill, a chemical plant, and a kraft pulp and paper mill that manufactures tissue, bleached board, and kraft papers. The entire complex employs approximately 3,300 people and provides indirect employment for another 500 private contractors involved in forestry-related operations. Another 345 industrial jobs are provided by other firms in Crossett that are either suppliers to G-P or its customers. About 42 percent of the work force in Ashley County is connected with Georgia-Pacific's operations so you can see that a significant part of the economic and social welfare is dependent on the success of our operations.

The basic problem with the draft NPDES permit prepared by EPA concerns our present waste-water treatment facility which is located in and is a part of a storm drainage ditch known as Coffee Creek. The headwaters of this system originate in the Georgia-Pacific paper mill and flow some 12 miles through G-P property into the Ouachita River.

In 1937, the first paper mill began operations and the drainage basin known as Coffee Creek was used to convey the mill effluent to the river. In 1956, the existing secondary waste treatment system was constructed and it has been constantly updated to the present to meet the water quality standards for

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the Ouachita River. As this map indicates, the system consists of a 300-foot diameter primary clarifier for removing settleable solids, two back-up earthen settling basins, a 265-acre aerated lagoon equipped with 1825 horsepower of mechanical surface aerators, and a final unaerated 200-acre lagoon referred to as "Mossy Lake." Over the years, the Coffee Creek drainage has been realigned, changed, and straightened and the two lagoons -- aeration and Mossy Lake -- have been dammed. You will note the dotted line shows the portion of the original channel that is not used in the present system. It is a dry bed except during a rain. All of these projects were designed to build a wastewater treatment system capable of protecting the water quality of the Ouachita River.

We have been successful in meeting this water quality goal. In fact, the discharge levels are well below our present EPA permit requirement -- especially during critical low-flow conditions on the river.

In 1973 when waters of the lower Ouachita River were classified by the State, Coffee Creek was classified as a Class B stream with exceptions. This was done at the insistence of EPA. Georgia-Pacific indicated at the time that we did not believe that Coffee Creek was properly classified and that it could not meet the standards for such streams. The exception noted in the standards was for paper mill waste. Since 1973, Georgia-Pacific has brought the subject to public attention on six different occasions because we had developed this channel for our waste treatment system. Each time we have expressed the opinion that it was not proper to classify it as a Class B stream. Copies of this material are attached to our written statement.

In 1974, an NPDES permit was issued by EPA to Georgia-Pacific which specifically excluded any mention of Coffee Creek. Early in 1977, a meeting was held at Shreveport, Louisiana with representatives of the EPA Dallas office, the State of Arkansas, the State of Louisiana, and Georgia-Pacific.

We explained that Coffee Creek from its headwaters to the confluence of the Ouachita River was part of our treatment system, and that we could not abandon its use because of the protection it afforded the Ouachita River during critical low flows. The Department of Pollution Control and Ecology in a letter to EPA on April 18, 1977, supported the Georgia-Pacific position that Coffee Creek and Mossy Lake had been modified for the specific purpose of treating the mill's effluent.

Since April 1977, Georgia-Pacific has appeared at the Water Quality Standards Committee meetings and requested that the Coffee Creek situation be officially rectified and that it be recognized as part of our waste treatment system rather than as a Class B stream.

On March 8, 1979, Georgia-Pacific received a draft permit from the EPA proposing new standards to become effective December 2, 1979. The draft permit calls for standards to be met at the discharge of the aerated lagoon rather than at the discharge to the Ouachita River. This means that a major part of G-P's treatment system is being taken away. The draft permit calls for a limitation of 2,700 pounds per day BOD<sub>5</sub> and 5,665 pounds of TSS per day.

By contrast, Federal Best Practicable Guidelines for secondary treatment for a paper mill our size would call for a BOD<sub>5</sub> permit limit at 15,500 pounds a day and the TSS at 29,600 pounds per day. The reason for the extremely low numbers is to meet water quality standards part-way through Coffee Creek. Limitations imposed in the draft permit are not attainable through the present system and we know of no technology capable of meeting the numbers in the draft permit.

At this time, we know of no way of achieving these requirements and maintaining an economically viable mill operation. Even if it were within the realm of economics and technology, no new system could be in place by the December 2, 1979, date.

We do not believe it is fair to have a portion of our waste-water treatment system taken away from us because of an error in classification. We believe that EPA would reconsider its decision and revise its permit to protect the Ouachita River if the present standards in Arkansas did not list Coffee Creek as a Class B stream. Therefore, we request that you make the following revisions to the Water Quality Standards Regulation No. 2 as amended in Appendix A. Stream Classification:

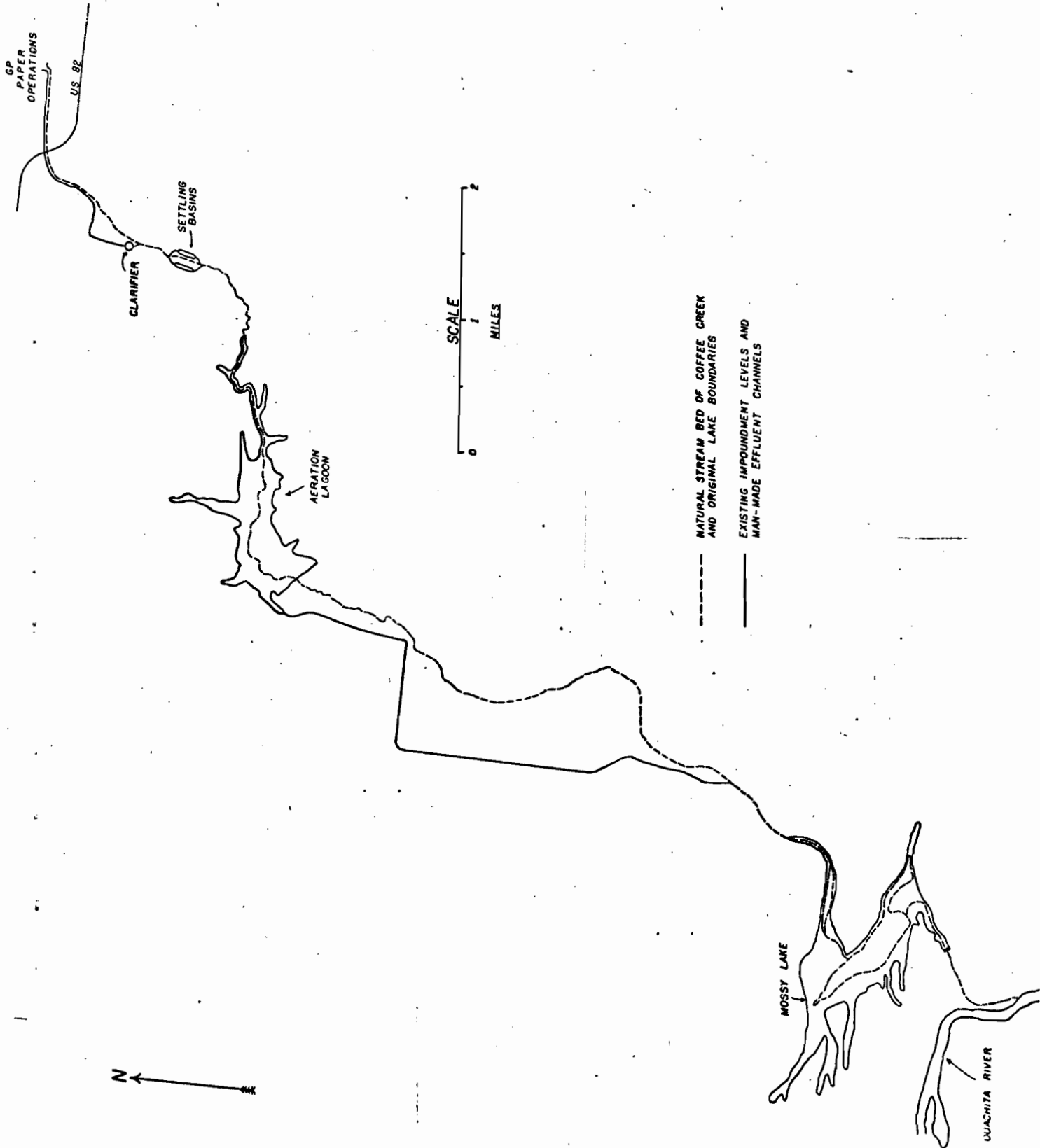
On Page v, delete the line pertinent to Coffee Creek in its entirety.

On Page ix, delete the line pertinent to Coffee Creek under "Stream" in its entirety; and, add the following paragraph at the end of this section:

The Coffee Creek drainage system has been modified by Georgia-Pacific Corporation at considerable expense over a 40 year period and is now considered to be a legitimate part of their effluent system. It is recognized by the Department that stream standards will not be met in Coffee Creek and that the confluence of Coffee Creek with the Ouachita River shall be considered as the point of discharge from the Georgia-Pacific manufacturing complex.

Thank you for hearing us and, if you have any reservation as to the urgency and validity of our request, we ask that you come to Crossett as a group at your earliest convenience for a first hand look at our operation and effluent treatment system including Coffee Creek and Mossy Lake.

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REV/DATE	DESCRIPTION
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**GP**  
**GEORGIA - PACIFIC**

DIVISION  
**CROSSETT-PAPER**  
 CONSULTANT

TITLE  
**EFFLUENT TREATMENT SYSTEM**

DATE	BY	FOR
APR 1971	AT	
DESIGNED		
DRAWN		
CHECKED		
APPROVED		
DATE		

D

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



February 12, 1979

Mr. Johnny Bowen  
Department of Pollution Control and Ecology  
State of Arkansas  
8001 National Drive  
Little Rock, Arkansas 72209

Dear Mr. Bowen:

I appreciate having had the opportunity to attend the meeting of the Technical Advisory Committee on Stream Standards January 31, 1979. In the interest of Georgia-Pacific Corporation, I would like to make the following comments and observations with reference to the Discussion Papers No. 2 and No. 3 and the Water Quality Standards in general as they affect our operations at Crossett. Similar effects may apply to other industrial or municipal discharges within the State.

I am enclosing for your review correspondence pertinent to the subject of Coffee Creek and Mossy Lake. We recognize the Department's position in the letter to Mr. John C. White dated April 18, 1977, as being a practical approach to the resolution of the situation. Coffee Creek is an intermittent stream with some sections of our effluent ditch being entirely manmade where the flow was diverted for several miles along a roadway from Coffee Creek and returned to same. After studying the discussion in Paper No. 3 for Intermittent Streams and Manmade Watercourses, we note that municipal wastes are addressed but industrial wastes are not. We presume the NPDES permit will address levels of treatment for industrial waste. Also, we are concerned with some of the conditions to be met. Specifically:

4. Intermittent Streams

- b. "The discharge does not cause water quality criteria violations in any enduring natural or artificial pool capable of supporting aquatic life."

As you know, our aerated lagoon is an artificial pool and Mossy Lake is a natural pool which we have enlarged. Therefore, we suggest the following wording:

"The discharge does not cause water quality criteria violations in a receiving stream of higher classification."

- c. "The watercourse is not used for propagation of fish or wildlife and does not have a potential for such purposes."

In this condition, the word "potential" could raise controversy. We suggest the following:

"The watercourse is not used for propagation of fish or wildlife."

TO: Mr. Johnny Bowen  
Department of Pollution Control and Ecology

(Con't.)

The paragraph following the conditions does not say where water quality standards should be met. We feel that "in the receiving stream" should be inserted immediately after the word "standards".

5. Manmade Watercourses

d. "The watercourse is not used for propagation of game, fish, or wildlife and does not have a potential for such purposes."

We recommend striking out "and does not have a potential for such purposes".

f. "The discharge will not violate applicable water quality standards downstream."

We recommend: "The discharge will not violate applicable water quality standards in the receiving stream".

In addition to these suggested changes, we request that exceptions for Coffee Creek be expanded or reworded to allow our continued use of all our effluent treatment system. We suggest: "Excepted to receive wastes which have been treated in accordance with NPDES Permit conditions".

Very truly yours,



J. S. Carter  
Environmental Control Supervisor

JSC/rtb  
Enclosure

BCC -- Dr. Joe Nix  
Department of Chemistry  
Ouachita Baptist University

Mr. Bill Black  
EPA -- Region 6



September 19, 1978

*Dist*  
*9-22-78*

Mr. Doug Szenher  
Information Officer  
Department of Pollution  
Control and Ecology  
8001 National Drive  
Little Rock, Arkansas 72209

Re: My Testimony to the Commission on September 14, 1978

Members of the Commission:

My name is Roger Sherwood. I am a Senior Environmental Engineer with Georgia Pacific's Corporate Engineering Department in Atlanta, Georgia.

Georgia-Pacific wishes to go on record at this hearing to formally request the Commission to change the designated or beneficial use and classification for a specific drainage in the Ouachita River Basin. The drainage is referred to in the standards as Coffee Creek.

The background on Coffee Creek follows a long history. One must remember that Coffee Creek is a storm drainage ditch which starts at the Georgia-Pacific mill and meanders some 12 miles through GP property to the Ouachita River. Since 1937 Coffee Creek has been part of the mills waste treatment system. The creek is presently dammed up at two locations, namely the 265-acre aerated lagoon and our post waste treatment lagoon (Mossy Lake). This total secondary waste treatment system is meeting applicable discharge permit effluent limitations and in all cases during critical low flows in the Ouachita River the waste treatment system is meeting effluent limitations far below the applicable permit limits mainly due to Mossy Lake providing an additional 50% BOD<sub>5</sub> removal over and above the BOD<sub>5</sub> that is removed by the aerated lagoon.

Since Coffee Creek is 100% treated wastewater from the Georgia-Pacific pulp mill and wood products complex there is no possible way any of type water quality standards can be attained. This has been documented by the staff of the State of Arkansas Pollution Control and Ecology and in April of 1977 the staff wrote a letter to the EPA relative to the Department's position on the Coffee Creek situation. I will not read the complete letter but only the recommendation by the Department.

It is therefore the position of the State Department of Pollution Control and Ecology in the light of the unjustifiable economic burden, lack of information concerning the water quality effects that will be caused by the Felstenthal project, the practical situation that regardless of the treatment attained Coffee Creek will not support a fishery and other alternates which could cause a potential loss of wildlife habitat that alternate #4 be pursued and endorsed by the EPA. To our knowledge EPA never responded.

Alternate #4 was to upgrade our aerated lagoon and meet best practical treatment at the outflow of our aerated lagoon and let Coffee Creek and Mossy Lake provide its additional treatment for the ultimate protection of the Ouachita River. We generally support the State on this position and our lagoon was upgraded. The staff realizes that water quality standards in Coffee Creek cannot be met and it will never be more than a wastewater conveyance ditch.

It is our contention that standards for these situations are unreal and Coffee Creek should be reclassified as a wastewater conveyance channel and not have any standards. G.P. is in the process of reviewing the regulations to provide more definitive legal arguments for reclassifying Coffee Creek and we will, in the near future, submit additional information.

Very truly yours,



Roger Sherwood  
Senior Environmental Engineer

RS:bf

cc:- Mr. Jarrell Southall, Director  
Mr. Hugh Hannah  
Little Rock, Arkansas

- Jim Rasmussen  
EPA, Dallas, Texas
- Johnny Carter  
Crossett, Arkansas



DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

8001 NATIONAL DRIVE  
LITTLE ROCK, ARKANSAS 7209

501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.

April 18, 1977

4-20-77

Copy: FEW  
REF  
LHN  
WMB  
RS

Mr. John C. White  
Regional Administrator  
Environmental Protection Agency  
Region VI  
First International Building  
1201 Elm Street  
Dallas, Texas 75270

Dear Mr. White:

RE ARO001210 - GEORGIA-PACIFIC CORPORATION,  
CROSSETT, ARKANSAS

At the request of your staff, I am writing to document this Department's position in regard to the above referenced permittee.

BACKGROUND

Georgia-Pacific Corporation (GP) operates an integrated pulp, paper, plywood, and chemical plant near Crossett, Arkansas. This facility is over thirty (30) years old and is located on the headwaters of Coffee Creek, a tributary of the Ouachita River (an interstate stream). Georgia-Pacific has used Coffee Creek and a downstream swampy area called Mossy Lake as an integral part of the waste treatment system for many years. Georgia-Pacific has improved a portion of Coffee Creek for the existing 260+ acre aerated lagoon, rectified the creek bed and purchased all lands adjoining Coffee Creek including Mossy Lake.

Georgia-Pacific has historically monitored their discharge at the outfall of Mossy Lake. This practice was recently addressed in Administrative Order No. VI-76-188, but still poses problems during flood conditions on the Ouachita which inundate Mossy Lake and the sampling point.

Arkansas has, at the insistence of EPA, included Coffee Creek in the 1975 revisions to the Arkansas Water Quality Standards, Regulation No. 2, as amended, with a dissolved oxygen minimum of 2 mg/l.

### SITUATION

Georgia-Pacific is presently engaged in a program which will increase the level of treatment to BPT at the outfall of the aerated lagoon. However, since this waste stream is, for all intents and purposes, Coffee Creek, the 2 mg/l dissolved oxygen limit will not be met. In fact, BAT treatment would go little further toward this end. Downstream, the existing quality has violated the Louisiana stream standards and provides no assimilative capacity for downstream dischargers. At times, at least part of this condition can be attributed to natural conditions, i.e., low timbered areas with continuous decay of accumulated vegetative organic matter.

### ALTERNATIVES

Alternative 1. Increase the level of treatment at Georgia-Pacific beyond BAT to discharge a waste stream which meets the 2 mg/l DO limit and contains essentially no organic oxygen demanding materials. This alternative would be prohibitively costly and no data are available to indicate relief for the situation as stated above.

Alternative 2. Remove the GP discharge from Coffee Creek via pipeline or similar conveyance directly to the Ouachita River. This alternative would also bypass Coffee Creek and Mossy Lake with their attendant BOD<sub>5</sub> removal and buffering capacity. This alternative would allow the Coffee Creek water quality standards to be met when flowing, but would not enhance the quality of the Ouachita or provide relief for downstream dischargers.

Alternative 3. Construct a large holding lagoon to contain the 40 MGD flow and meter this stream into the Ouachita River. This alternative would require a large land area which is within the habitat range of the endangered red-cockaded woodpecker. Again, no data are available to indicate that this alternative would alleviate the situation.

Alternative 4. Georgia-Pacific's present plan is to increase the aeration capacity from 1100 Hp to 1800 Hp and meet BPT at the outlet of the aerated lagoon. This would still provide for considerable additional treatment through Coffee Creek and Mossy Lake which have been modified for this specific purpose. However, as stated above, the water quality standards in Coffee Creek would not be met.

#### RECOMMENDATION

The Arkansas Water Quality Standards, Regulation No. 2, as amended, Section 2, non-Degradation Policy provides

..... that the quality of these waters will be maintained unless and until it has been affirmatively demonstrated to the Commission that any reduction in quality is justifiable as a result of necessary economic and social development .....

It is, therefore, the position of this Department, in light of the unjustifiable economic burden, lack of information concerning the water quality effects that will be caused by the Falstenthal project, the practical consideration that regardless of treatment attained, Coffee Creek will not support a fishery, and the potential loss of critical wildlife habitat, that alternative number four be pursued and endorsed by the Environmental Protection Agency.

It is further recommended that Georgia-Pacific study the economic, ecologic, and water quality aspects of the other alternatives, especially alternative three. Such a study could provide valuable information for the analysis of future courses of action, as required.

We appreciate the opportunity to comment on this situation and look forward to an early resolution of this question.

John C. White/EPA  
April 18, 1977  
Page Four

Sincerely,

*S. Ladd Davies*

S. Ladd Davies  
Director

SLD/em

cc: Johnny Carter  
Georgia-Pacific Corporation

Robert A. LaFleur  
Louisiana Stream Commission



STATE OF ARKANSAS  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
8001 NATIONAL DRIVE  
LITTLE ROCK, ARKANSAS 72209

501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.

September 14, 1978

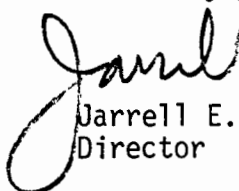
Mr. J. S. Carter  
Assistant Technical Director  
Georgia-Pacific Corporation  
Post Office Box 520  
Crossett, Arkansas 71635

Dear Mr. Carter:

This will acknowledge receipt of your letter dated September 11, 1978, which contains your comments regarding the Arkansas Water Quality Standards, and your desire to see all standards removed from Coffee Creek and Mossy Lake.

Your letter is being referred to our Water Pollution Control Division for review. You may be assured that your comments will be given consideration should Standards revisions be proposed.

Sincerely yours,

  
Jarrell E. Southall  
Director

bbc

*Copies: R. Sherwood  
J. Turner  
M. Gould*

September 11, 1978

Mr. Jarrell Southall, Director  
Department of Pollution Control and Ecology  
State of Arkansas  
8001 National Drive  
Little Rock, Arkansas 72209

Dear Mr. Southall:

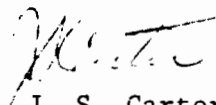
Georgia-Pacific Corporation has commented previously on the Arkansas Water Quality Standards -- specifically, on September 5, 1975; and, in a letter dated May 23, 1973 (copies of which are attached).

We wish to reiterate our position regarding the standards as they apply to our use of Coffee Creek and Mossy Lake. The Ouachita River Basin Plan Section 303 (e) (Pages 230 and 323) recognizes Coffee Creek and Mossy Lake as part of our waste treatment system; however, Coffee Creek is still considered as waters of the United States and is subject to enforcement of stream standards which are unrealistic for treated effluent.

We believe that streams such as Coffee Creek which dry up unless it is raining and which serve only to carry run-off water should not be classified as tributaries and should be excluded from classification. Ephemeral streams are not amenable to becoming fishable and swimmable regardless of standards. A beneficial use of these type streams is for carrying treated effluent. In view of this, we ask that you reconsider application of stream standards to effluent ditches which would otherwise become dry streambeds except for carrying rainfall run-off. We therefore urgently request that Coffee Creek be deleted from your list of classified streams.

Please enter this as part of the proceedings for the Public Hearing scheduled September 14, 1978, in the Game and Fish Commission auditorium.

Very truly yours,



J. S. Carter  
Assistant Technical Director

Attach.  
JSC/rtb  
CC -- Mr. Jim Rasmussen (EPA-Dallas)  
BCC -- Mr. Roger Sherwood  
Mr. John Turner  
Mr. Matt Gould



Georgia-Pacific Corpora

Crossett Division  
P. O. Box 520  
Crossett, Arkansas 71635  
Telephone (501) 567-8111

October 10, 1975

Mr. S. Ladd Davies, Director  
Pollution Control and Ecology Department  
State of Arkansas  
8001 National Drive  
Little Rock, Arkansas 72209

Dear Ladd:

Since 1936, Georgia-Pacific Corporation and its predecessor, The Crossett Company, have used a dry bed stream, shown on the maps as Coffee Creek, for the discharge and treatment of their effluent. The creek meanders some fourteen miles from Crossett to where it intersects with the Ouachita River. Over the years, this company has dredged, cut, dynamited, and otherwise made of Coffee Creek a drainage ditch and a part of the company's effluent treatment system. The company owns all of the land through which the creek meanders, or has flowage rights covering the lands. Without its effluent, there would be nothing flowing in the creek most of the time.

For some unaccountable reason, this effluent system has been defined as Class B and declared "suitable for desirable species of fish, wildlife and other aquatic and semi-aquatic life, raw water source for public water supplies, secondary contact recreation and other uses." It is not listed in Regulation No. 2, as amended, of the Arkansas Water Quality Standards, and because it is not listed, the limits for chlorides, sulfates, and total dissolved solids shall be 250, 250, and 500 mg/l, respectively.

We just must do whatever is necessary to get a reclassification of this stream. To comply with its present classification requirements would mean shutting our paper mill down.

Will you please give us an audience for the purpose of going into this matter in detail. We need to know where we should go from here. Will you please let us know when it would be convenient for us to come visit with you on this matter.

Best personal regards.

Sincerely,

Paul Sullins  
Resident Counsel

PS:md

Crossett Division  
Paper Operations  
P. O. Box 520  
Crossett, Arkansas 71635  
(501)567-8111

September 4, 1975

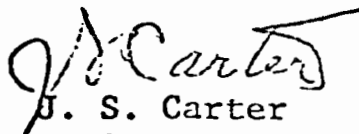
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Mr. S. Ladd Davies, Director  
Department of Pollution Control and Ecology  
State of Arkansas  
8001 National Drive  
Little Rock, Arkansas 72209

Dear Mr. Davies:

Georgia-Pacific Corporation respectfully submits the attached comments on the Water Quality Standards, Regulation No. 2, proposed revisions to be presented at the public hearing on September 9, 1975. Thank you for the opportunity to make these comments and we will appreciate your consideration.

Very truly yours,



J. S. Carter  
Environmental Control Supv.

JSC/ezm

Attachment

cc: Mr. Paul Sullins  
Mr. F. E. Woods  
Mr. J. S. Majors  
Mr. Matt Gould  
Mr. Roger Sherwood

GEORGIA-PACIFIC CORPORATION

Comment on Proposed Revision to Arkansas  
Water Quality Standards - Regulation No. 2

We wish to comment specifically to Section 5 (L)  
Mineral Quality

When the Water Quality Standards were reviewed in 1973, Georgia-Pacific presented comments pertinent to the proposed changes as they affected our use of Coffee Creek and Mossy Lake. (Please refer to our letter to Mr. Davies, May 23, 1973, attached). Again we wish to point out that under the existing regulation and the proposed revisions Coffee Creek is classified as a class B stream with no set limits for chlorides, sulfates, and total dissolved solids. This then sets those limits at 250, 250, and 500 mg/l respectively for chlorides, sulfates, and total dissolved solids. In the process of pulping and bleaching wood fibres these materials are waste products which cannot be recovered by conventional secondary treatment or otherwise practical methods. For this reason we are asking that Coffee Creek be included with the some twenty other tributaries in the Ouachita River Basin and assigned limits of 500 mg chlorides, 200 mg/l sulfates, and 2000 mg/l total dissolved solids.

From 1937 to 1962 the Crossett Company and since 1962 Georgia-Pacific Corporation has used and improved Coffee Creek and Mossy Lake as part of their waste treatment system. The creek has been straightened, cleaned out, dammed up and shored up for the purpose of improving effluent quality leaving Crossett. To exclude our effluent from Coffee Creek and Mossy Lake would require the construction of an entirely new treatment system and effluent ditch at a cost well in excess of fifteen million dollars and would not result in improving the quality of the Ouachita River. It would only serve to dry up Coffee Creek, our aerated lagoon, and Mossy Lake.

As an alternative to assigning Mineral Quality limits and by virtue of the fact that Coffee Creek has been used as an integral part of our effluent treatment facility for nearly 40 years and because of the large capital expenditures used in development of Coffee Creek and Mossy Lake, we ask and hope the Commission will exclude Coffee Creek from the list of classified streams and will reclassify it as an effluent ditch.

Respectfully submitted September 9, 1975, by Georgia-Pacific Corporation.

---

**GEORGIA-PACIFIC**  
CORPORATION

CROSSETT DIVISION-PAPER

P.O. BOX 320 • CROSSETT, ARKANSAS 71635 • 501-567-6111

May 23, 1973

Mr. S. Ladd Davies, Director  
Department of Pollution Control and Ecology  
State of Arkansas  
8001 National Drive  
Little Rock, Arkansas

Dear Mr. Davies:

Specific comments were made in our letter dated April 13, 1973, pertinent to the proposed water quality standards for the State of Arkansas dated March 15, 1973. Again, we wish to respond to the suggested changes to those standards dated May 14, 1973.

As you are aware, Georgia-Pacific's Crossett complex utilizes the best and most practicable degree of waste water treatment for a manufacturing complex of this type. Basically, the system consists of primary clarification of settleable suspended solids followed by extended aeration in a long term aerated lagoon and additional retention in Mossy Lake before discharge in the Ouachita River by way of Coffee Creek.

We are certain that it will be impossible to meet Class B standards in Coffee Creek even with the exceptions of 1.0 mg/l D.O. and 2500 APHA color units. Specifically, we cannot meet:

- |                             |  |
|-----------------------------|--|
| (1) D.O. of 1.0 mg/l        | (2) Chlorides of 25 mg/l               |
| (3) Sulfates of 50 mg/l     | (4) Total dissolved solids of 100 mg/l |
| (5) Iron of 0.3 mg/l        | (6) Aluminum of 0.3 mg/l               |
| (7) Barium of 0.05 mg/l     | (8) Cadmium of 0.003 mg/l              |
| (9) Chromium of 0.01 mg/l   | (10) Copper of 0.02 mg/l               |
| (11) Manganese of 0.05 mg/l | (12) Mercury of 0.0002 mg/l            |
| (13) Nickel of 0.01 mg/l    | (14) Zinc of 0.05 mg/l                 |
| (15) Ammonia of 0.05 mg/l   |  |

Effluent from a long term aerated lagoon of the type presently in use at Crossett is expected to contain dissolved oxygen of less than 1.0 mg/l. In achieving good BOD<sub>5</sub> reduction, the biological productivity of the lagoon will utilize D.O. to the limit of the design. Reaeration of effluent leaving the lagoon will result only in a temporary increase in D.O. level because residual BOD<sub>5</sub> will utilize the oxygen within a short distance of flowing in Coffee Creek. However, if biologic activity in the aerated lagoon is inhibited for any reason (i.e., cold temperature), high D.O. levels can be obtained but BOD<sub>5</sub> reduction will not be achieved. All considered, from a water quality standpoint, it is best to keep the BOD<sub>5</sub> content in the final effluent to a minimum level to prevent water quality degradation.

TO: Mr. S. Ladd Davies, Director  
 Department of Pollution Control and Ecology  
 State of Arkansas

(Con't.)

Mineral content in Coffee Creek -- particularly chlorides, sulfates, and total dissolved solids -- is a result of the manufacturing process and cannot be reduced by practicable treatment methods. Substances listed as toxic materials in many instances occur in our raw water supply in concentrations in excess of the proposed standards.

Due to the above reasons, we ask that Coffee Creek be taken out of stream classification. If it is not excluded from classification, it will be necessary for us to construct a separate effluent ditch parallel to Coffee Creek for several miles which would involve a large expenditure. This would not improve water quality, and would result in drying up of Coffee Creek and would serve no useful purpose. Further, Georgia-Pacific feels that utilization of Mossy Lake as part of the overall treatment system results in improved water quality -- especially suspended solids content. As was pointed out in our letter of April 13, 1973, we feel that the highest beneficial use of Coffee Creek is presently being served as an integral part of our effluent system. If Coffee Creek cannot be excluded from the standards, it is requested that permissible levels for exceptions be adjusted as follows:

Color -- 2500 APHA Units	D. O. -- Less than 1.0 mg/l
Chlorides -- 500 mg/l	Sulfates -- 200 mg/l
Total Dissolved Solids -- 2000 mg/l	Iron -- 1.0 mg/l
Manganese -- 1.0 mg/l	Ammonia -- 1.0 mg/l
Cadmium -- 0.05 mg/l	Zinc -- 0.3 mg/l
Nickel -- 0.3 mg/l	Aluminum -- 0.8 mg/l

In addition, we would like to reiterate our position regarding the Dissolved Oxygen Standard. The 5.0 mg/l dissolved oxygen limit will be very difficult, if not impossible, to maintain in streams of southern Arkansas. There are many occasions when the D.O. content of streams and their tributaries in southern Arkansas are well below this limit. Please refer to WATER RESOURCES DATA FOR ARKANSAS; Part 2 -- Water Quality Records by the United States Department of the Interior Geological Survey -- 1971. Some of these streams are free of any type of waste discharges and, therefore, will continue to contribute to low dissolved oxygen levels. Periodic flooding of swamps and marshes causes backwaters which, on receding, pull organics back into the streams resulting in bottom deposits that ultimately become oxygen demanding material. We suggest the dissolved oxygen standard be left at the 4.0 mg/l level as was established in the existing regulations. We further suggest that this subsection be revised to provide some variance when periodic lower values are of natural origin and, therefore, beyond control of the water user.

As the standards are now proposed, it may become necessary for Georgia-Pacific to provide storage capacity for some 5.4 billion gallons of effluent. Such a storage facility at an average depth of ten (10) feet would require approximately 1500 acres of land. This area is available only in the flood zone of the river and would be subject to runoff and flooding. This would make operation of the

May 23, 1973

TO: Mr. S. Ladd Davies, Director  
Department of Pollution Control and Ecology  
State of Arkansas

(Con't.)

storage basin impossible since all capacity could be lost to rainfall runoff in a very short period. Such a storage basin would also be inundated annually by the river during backwater periods thus releasing huge amounts of BOD to the river in a short period. Maintenance of the levees on this basin could be very expensive.

We sincerely urge your serious consideration of these very important comments.

Very truly yours,

GEORGIA-PACIFIC CORPORATION  
CROSSETT DIVISION --- PAPER

*J. S. Carter*

J. S. Carter  
Supervisor -- Environmental Control

JSC/rtb

COMMENTS ON PROPOSED WATER QUALITY STANDARDS

**SECTION 4. GENERAL STANDARDS**

**Subsection (d) -- Stream Flows:** We suggest the following be added:

"If stream flow is less than once in ten (10) year weekly minimum, the standards shall be adjusted accordingly for the duration of such conditions."

**SECTION 5. SPECIFIC STANDARDS**

**Subsection (e) -- Solids, Floating Material, and Deposits:**

We suggest the word entirely be inserted immediately following the word "....attributable....".

**Subsection (h) -- Dissolved Oxygen:**

The 5 milligrams per liter (mg/l) dissolved oxygen limit will be very difficult, if not impossible, to maintain in streams of southern Arkansas. There are many occasions when the D.O. content of streams and their tributaries in southern Arkansas are well below this limit. Please refer to WATER RESOURCES DATA FOR ARKANSAS, Part 2, Water Quality Records by the United States Department of the Interior Geological Survey - 1971. Some of these streams are free of any type of waste discharges and, therefore, will continue to contribute to low dissolved oxygen levels. Periodic flooding of swamps and marshes causes backwaters which, on receding, pull organics back into the streams resulting in bottom deposits that ultimately become oxygen demanding material. We suggest the dissolved oxygen standard be left at the four (4) milligrams per liter (mg/l) level as was established in the existing regulations. We further suggest that this subsection be revised to provide some variance when periodic lower values are of natural origin and, therefore, beyond control of the water user.

**Subsection (j) -- Bacteria: Paragraph (3)**

There is an apparent error in the final sentence "...shall not exceed 200/100 ml as...". This is more strict than the limitations for Class B waters.

**GEORGIA-PACIFIC**  
CORPORATION

CROSSETT DIVISION-PAPER

P.O. BOX 920 • CROSSETT, ARKANSAS 71633 • 501-587-8111

April 13, 1973

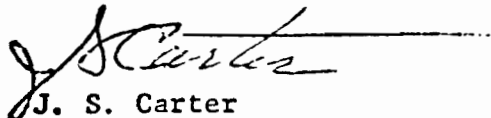
Mr. S. Ladd Davies, Director  
Department of Pollution Control & Ecology  
State of Arkansas  
8001 National Drive  
Little Rock, Arkansas 72209

Dear Mr. Davies:

Georgia-Pacific Corporation respectfully submits the attached comments on the Water Quality Standards Amendment being presented at the public hearing on April 16, 1973.

It is our intention that these comments will be of some value to the Commission in establishing regulations which will result in a better environment while providing for the full utilization of all our resources. We believe that economic, social, and environmental affairs are all equally vital to the welfare of the State of Arkansas and urge your consideration of our comments.

Very truly yours,



J. S. Carter  
Supervisor -- Environmental Control

JSC/rtb  
Enclosure

bcc: Messrs. M. Gould  
P. Sullins  
F. E. Woods  
E. G. Parrish  
R. E. Fones  
G. W. Ritchie  
J. R. McClary

**SECTION 5. SPECIFIC STANDARDS (Con't.)**

**Subsection (1) -- Mineral Quality:**

**In the final note, ..."**In no case shall total dissolved solids be increased more than 1/3 over natural characteristics." We suggest that this be changed to read:

**"In no case shall total dissolved solids be increased by more than 1/3 over existing concentration of the receiving stream just up-stream of the point of discharge."**

**APPENDIX A. STREAM CLASSIFICATION**

Identifications are not consistent with subscripts -- 1.3., C<sub>iw</sub> is not defined.

Further, we feel that streams consisting almost entirely of effluent from treatment systems which are consistent with the state of the art and best practicable control technology should be designated as discharge sources to the receiving stream, and should not be classified as a Class C stream. In particular, we specifically request deletion of Coffee Creek as a Class C stream. We feel that the highest beneficial use of Coffee Creek is presently being served as an integral part of our effluent system. To exclude its use for this purpose would result in a tremendous investment for a separate pipeline and would serve no practical purpose.

**APPENDIX B. MAXIMUM PERMISSIBLE CONCENTRATIONS OF SELECTED COMMON TOXIC MATERIALS**

The maximum concentrations, mg/l, as listed do not appear to be consistent with FWPCA recommendations and are more restrictive than drinking water standards. We do not feel that aluminum and ammonia should be included as toxic materials. Alum is frequently used as a primary coagulant for drinking water treatment. Ammonia occurs naturally as bottom deposits decay. Further and specifically, we suggest the following levels be considered:

<b>Iron:</b>	0.7 mg/l -- Toxic level 1.0 mg/l
<b>Manganese:</b>	0.7 mg/l -- Toxic level 1.0 mg/l
<b>Mercury:</b>	Proposed level is probably below level of dilution -- 0.001 mg/l seems adequate
<b>Nickel:</b>	0.01 mg/l seems adequate

JSC/rtb  
April 13, 1973

DEPARTMENT OF POLLUTION CONTROL & ECOLOGY  
 FINANCIAL STATUS REPORT  
 July 1, 178 thru February 28, 1979

Appropriation 396 HMA (State)

	<u>Appropriated</u>	<u>Expended &amp; Encumbered</u>	<u>Balance</u>
Regular Salaries	\$ 923,423.00	\$447,276.09	\$476,146.91
Extra Help	13,025.00	8,564.62	4,460.38
Maint. & Operation	280,392.00	221,707.33	58,684.67
S.S., Ret., Ins.	159,247.00	85,320.65	73,926.35
Purchase of Equip.	-0-	-0-	-0-
Data Processing	5,498.00	2,527.91	2,970.09
Totals	<u>\$1,381,585.00</u>	<u>\$765,396.60</u>	<u>\$616,188.40</u>

Appropriation 397 FYP (Federal)

	<u>Appropriated</u>	<u>Expended &amp; Encumbered</u>	<u>Balance</u>
M & R Proceeds	\$ 3,986.26	\$	\$ 3,986.26
Regular Salaries	828,759.00	432,201.96	396,557.04
Extra Help	12,297.00	10,169.27	2,127.73
Main. & Operation	590,693.00	448,412.80	142,280.20
S.S., Ret., Ins.	146,854.00	83,131.57	63,722.43
Data Processing	11,837.00	814.21	11,022.79
Totals	<u>\$1,594,426.26</u>	<u>\$974,729.81</u>	<u>\$619,696.45</u>

Appropriation 398 MWD (Wastewater Licensing)

	<u>Appropriated</u>	<u>Expended &amp; Encumbered</u>	<u>Balance</u>
Maint. & Operation	\$ 2,831.00	\$ 709.90	\$ 2,121.10
Totals	<u>\$ 2,831.00</u>	<u>\$ 709.90</u>	<u>\$ 2,121.10</u>

Appropriation 399 FYP (208 Planning - Federal)

	<u>Appropriated</u>	<u>Expended &amp; Encumbered</u>	<u>Balance</u>
Regular Salaries	\$ 58,662.00	\$ 34,946.89	\$ 23,715.11
Maint. & Operation	400,000.00	389,911.31	10,088.69
S.S., Ret. & Ins.	10,298.00	6,642.38	3,655.62
Totals	<u>\$ 468,960.00</u>	<u>\$431,500.58</u>	<u>\$ 37,459.42</u>

Appropriation 400 HMA (208 Planning - State)

	<u>Appropriated</u>	<u>Extended &amp; Encumbered</u>	<u>Balance</u>
Maint. & Operation	\$ 43,195.00	\$ 8,261.30	\$ 34,933.70
Totals	<u>\$ 43,195.00</u>	<u>\$ 8,261.30</u>	<u>\$ 34,933.70</u>

Appropriation 830 (Water Quality Monitoring)

	<u>Appropriation</u>	<u>Extended &amp; Encumbered</u>	<u>Balance</u>
Construction	\$ 5,109.44	\$ 5,109.44	-0-
Totals	<u>\$ 5,109.44</u>	<u>\$ 5,109.44</u>	<u>-0-</u>

Appropriation 831 (Air Research Grant)

	<u>Appropriation</u>	<u>Extended &amp; Encumbered</u>	<u>Balance</u>
Research Development	\$ 81,159.72	-0-	-0-
Totals	<u>\$ 81,159.72</u>	<u>-0-</u>	<u>-0-</u>

CONSTRUCTION GRANTS REPORT

As Of  
March 21, 1979

Since the date of the last report no grants have been offered or accepted.

Since the date of the last report the following grant applications have been approved and forwarded on to the EPA in Dallas:

	<u>TOWN</u>	<u>STEP</u>	<u>AMOUNT</u>
1.	Camden	3	\$3,545,297
2.	Lakeview	2	133,500
3.	Palestine	2 + 3	1,140,750
4.	Austin	2 + 3	693,000
5.	Grady	3	801,000
		TOTAL	\$6,313,547

The following applications are pending in this office:

	<u>TOWN</u>	<u>STEP</u>
1.	Glenwood	2 + 3
2.	Dyess	3
3.	Little Rock-Upper Fourche	2
4.	Monette	3
5.	Portia	2 + 3