

ARKANSAS POWER & LIGHT COMPANY
AND SCREEN MONITORING

RUN DATE: 04/21/83

SAMPLE TAKE: 03-01-83

INCLUSIVE TIME
OF SAMPLE: 124 HRS

INLET WATERBOX
TEMPERATURE: 49 F

SCREENS
WASHED: 0

NUMBER OF CIRCULATING
PUMPS IN OPERATION: 2

24 HOUR TOTAL
SAMPLE COUNT: 387

24 HOUR TOTAL #
SAMPLE HEIGHT: 17.3 LBS

SPECIES NAME	SPECIES 24 HR TOTAL HEIGHT(LBS)	SPECIES 24 HR TOTAL COUNT	MAXIMUM LENGTH(MM)	MODAL LENGTH(MM)	#	%	TOTAL HEIGHT(LBS)	#	%
THREADFIN SHAD	0.10	5.	119	90 TJ 120	5	100%	5 TJ 10	2	40%
GIZZARD SHAD	10.19	311.	247	90 TJ 120	11	39%	10 TJ 15	7	25%
FRESHWATER DRUM	3.75	45.	272	60 TJ 90	5	31%	0 TJ 5	7	27%
CHANNEL CATFISH	0.02	2.	64	60 TJ 90	2	100%	0 TJ 5	2	100%
BLUE CATFISH	0.60	3.	273	180 TJ 210	1	33%	35 TJ 40	1	33%
WHITE BASS	1.42	3.	330	210 TJ 240	3	38%	15 TJ 20	2	25%
STRIPED BASS	0.05	3.	123	60 TJ 90	1	33%	0 TJ 5	1	33%
MISSISSIPPI SILVERSIDE	0.01	1.	103	90 TJ 120	1	100%	0 TJ 5	1	100%
BLUEGILL SUNFISH	0.29	3.	143	120 TJ 150	3	100%	45 TJ 50	2	67%
WARMOUTH	0.04	1.	107	90 TJ 120	1	100%	15 TJ 20	1	100%
CHESTNUT LAMPREY	0.26	2.	313	240 TJ 270	1	50%	45 TJ 50	1	50%
LARGemouth SUNFISH	0.09	2.	110	90 TJ 120	2	100%	15 TJ 20	1	50%
GOLDEN SHINER	0.01	1.	73	60 TJ 90	1	100%	0 TJ 5	1	100%

* TOTAL SAMPLE WT. INCLUDES 0.0 LBS OF DEBRIS ACCUMULATION.

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PDR ADDCK 05000313
PDR

ARKANSAS POWER & LIGHT COMPANY
AND SCREEN MONITORING

RUN DATE: 04/21/83

SAMPLE TAKE# 03-05-83

INCLUSIVE TIME
OF SAMPLE: 24 HRS

1461 WATERBOX
TEMPERATURE: 53 F

SCREENS
WASHED: 0

NUMBER OF CIRCULATING
PUMPS IN OPERATION: 2

24 HOUR TOTAL
SAMPLE COUNT: 231

24 HOUR TOTAL *
SAMPLE WEIGHT: 12.1 LBS

SPECIES NAME	SPECIES 24 HR TOTAL WEIGHT(LBS)	SPECIES 24 HR TOTAL COUNT	MAXIMUM LENGTH(MM)	MODAL LENGTH(MM)	#	%	MODAL WEIGHT(LBS)	#	%		
THREADFIN SHAD	0.01	1.	84	60 TJ	90	1	100%	0 TJ	5	1	100%
GIZZARD SHAD	3.53	125.	274	40 TJ	120	14	52%	5 TJ	10	8	30%
FRESHWATER DRUM	0.13	71.	300	60 TJ	90	10	38%	0 TJ	5	10	38%
CHANNEL CATFISH	0.31	5.	229	60 TJ	90	3	50%	0 TJ	5	4	87%
BLUE CATFISH	1.57	15.	325	40 TJ	120	3	20%	0 TJ	5	4	27%
WHITE BASS	1.16	2.	366	120 TJ	150	1	50%	15 TJ	20	1	50%
BLACK CHAPPIE	0.01	2.	64	60 TJ	90	2	100%	0 TJ	5	2	100%
GREEN SUNFISH	0.02	1.	95	90 TJ	120	1	100%	10 TJ	15	1	100%
LIVYDREAM SUNFISH	0.13	2.	125	120 TJ	150	2	100%	25 TJ	30	1	50%
GOLDEN SHINER	0.01	2.	83	60 TJ	90	2	100%	0 TJ	5	2	100%
STONEYDILLER	0.01	1.	92	40 TJ	120	1	100%	0 TJ	5	1	100%
BLUEGILL SUNFISH	0.06	2.	125	30 TJ	60	1	50%	0 TJ	5	1	50%

* TOTAL SAMPLE WT. INCLUDES 0.0 LBS OF DEBRIS ACCUMULATION.

ARKANSAS POWER & LIGHT COMPANY
AND SCREEN MANUFACTURING

MON JUNE 04/21/83

SAMPLE TAKEN 03-15-83

INCLUSIVE TIME 1400 HOURS
OF SAMPLE 24 HRS TEMPERATURE 53 F

SCREENS
WASHERS 8

NUMBER OF CIRCULATING
PULPS IN OPERATION 2

24 HOUR TOTAL
SAMPLE COUNTS 103

24 HOUR TOTAL
SAMPLE WEIGHT 4.9 LBS

SPECIES NAME	SPECIES 24 HR TOTAL WEIGHT (LBS)	SPECIES 24 HR TOTAL COUNT	MAXIMUM LENGTH (IN)	ADULT LENGTH (IN)	#	ADULT WEIGHT (GMS)	#
INCAUBLY STAG	0.05	2.	125	90 TO 120	1	5 TJ	1
GILGARD STAG	2.35	115.	165	90 TO 120	11	5 TJ	11
FRESHWATER DUCK	1.75	65.	232	60 TO 90	13	0 TJ	5
BLUE CATFISH	0.23	4.	207	150 TO 210	2	0 TJ	5
BLUEGILL SUNFISH	0.16	5.	175	50 TO 60	2	0 TJ	5
GOODEY STAG	0.01	2.	75	50 TO 90	2	0 TJ	5
WHITE DASS	0.04	1.	135	120 TO 150	1	15 TJ	20
GREEN SUNFISH	0.01	1.	65	60 TO 90	1	0 TJ	5
CRAYFISH	0.17	1.	250	240 TO 270	1	70 TJ	75

* TOTAL SAMPLE WT. INCLUDES 0.0 LBS OF DEBRIS ACCUMULATION.

ANDREAS POKER & LIGHT COMPANY AND SCREEN WOVING

RUN DATE: 04/21/03

SAMPLE DATE: 03-19-03			INCLUSIVE TIME			OF SAMPLES AND TEMPERATURES 53 F			NUMBER OF CIRCULATING PUMPS IN OPERATION: 2			24 HOUR TOTAL			24 HOUR TOTAL			24 HOUR TOTAL		
SPECIES NAME	SPECIES 24 HR INITIAL WEIGHT (LBS)	SPECIES 24 HR TOTAL COUNT	MAXIMUM LENGTH (IN)	MAXIMUM LENGTH (MM)	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
WILLOW STAG	0.30	123	204	40 TO 120	15	502	5 TJ	10	15	502	5 TJ	10	15	502	5 TJ	10	15	502	5 TJ	10
FRESHWATER DUCK	0.25	73	273	60 TO 40	12	402	0 TJ	5	10	302	0 TJ	5	10	302	0 TJ	5	10	302	0 TJ	5
BLUE GILL	0.52	4	252	210 TO 240	3	334	0 TJ	5	2	222	0 TJ	5	2	222	0 TJ	5	2	222	0 TJ	5
CARAMEL GILL	0.13	3	100	120 TO 130	2	072	10 TJ	15	1	332	10 TJ	15	1	332	10 TJ	15	1	332	10 TJ	15
WHITE DUCK	0.31	2	223	180 TO 210	1	502	35 TJ	60	1	502	35 TJ	60	1	502	35 TJ	60	1	502	35 TJ	60
WHITE DUCK	0.01	1	70	60 TO 40	1	1002	0 TJ	5	1	1002	0 TJ	5	1	1002	0 TJ	5	1	1002	0 TJ	5
INDEPENDENT DUCK	0.03	1	121	120 TO 150	1	1004	10 TJ	15	1	1004	10 TJ	15	1	1004	10 TJ	15	1	1004	10 TJ	15
WILLOW STAG	0.12	3	154	30 TO 60	2	074	0 TJ	5	2	072	0 TJ	5	2	072	0 TJ	5	2	072	0 TJ	5
WILLOW STAG	0.01	1	77	60 TO 40	1	1004	0 TJ	5	1	1004	0 TJ	5	1	1004	0 TJ	5	1	1004	0 TJ	5
WILLOW STAG	0.05	2	113	40 TO 120	2	1004	10 TJ	15	2	1004	10 TJ	15	2	1004	10 TJ	15	2	1004	10 TJ	15
WILLOW STAG	0.77	1	343	330 TO 360	1	1004	435 TJ	440	1	1002	435 TJ	440	1	1002	435 TJ	440	1	1002	435 TJ	440

* TOTAL SAMPLE AT INCLUDES 0.00 LBS OF WEIGHTS ACCUMULATED.

FORM DATE 04/21/85

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SAMPLE #10118 13.3 LOG

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ARKANSAS POWER & LIGHT COMPANY
AND SCREEN MONITORING

RUN DATE: 04/21/83

SAMPLE TAKEN: 03-25-83

INCLUSIVE TIME: 11:45 AM TO 12:15 PM
OF SAMPLES: 24 HRS TEMPERATURE: 51 F # SCREENS: 2 NUMBER OF CIRCULATING PUMPS IN OPERATION: 2 24 HOUR TOTAL SAMPLE COUNT: 465 24 HOUR TOTAL # SAMPLE HEIGHTS: 17.9 LBS

SPECIES NAME	SPECIES 24 HR TOTAL HEIGHT (LBS)	SPECIES 24 HR TOTAL COUNT	MAXIMUM LENGTH (IN)	ADJAL LENGTH (IN)	#	%	ADJAL HEIGHT (GR)	#	%	
THREADFIN SHAD	0.04	2.	114	90 TO 120	2	100%	5 TJ	10	1	50%
GIZZARD SHAD	0.50	189.	187	90 TO 120	14	52%	5 TJ	10	11	41%
FRESHWATER CRAY	0.50	225.	290	50 TO 90	19	66%	0 TJ	5	20	64%
BLUE CATFISH	1.15	25.	252	90 TO 120	11	34%	0 TJ	5	10	36%
CHANNEL CATFISH	0.07	2.	172	60 TO 90	1	50%	0 TJ	5	1	50%
SMALLMOUTH BUFFALO	1.50	1.	350	350 TO 390	1	100%	675 TJ	660	1	100%
WHITE BASS	1.64	5.	367	120 TO 150	3	60%	15 TJ	20	3	60%
BLACK BUFFALO	2.25	1.	427	420 TO 450	1	100%	1020 TJ	1025	1	100%
BLUEGILL SUNFISH	0.07	4.	172	150 TO 180	4	100%	35 TJ	40	2	50%
LONGEAM SUNFISH	0.10	3.	110	90 TO 120	2	67%	0 TJ	5	1	33%
GREEN SUNFISH	0.07	1.	125	120 TO 150	1	100%	30 TJ	35	1	100%
GOUGEY CATFISH	0.01	1.	62	50 TO 90	1	100%	0 TJ	5	1	100%
WHITE CRAPPIE	0.34	1.	225	210 TO 240	1	100%	150 TJ	155	1	100%

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ARMY CORP OF ENGINEERS
WATER & LUMBER DIVISION
AND SPECIAL SURVEILLANCE

MON DATE 06/21/83

SAMPLE NAME: 03-23-13 CONTAINER

SPECIES NAME	SPECIES 24 MM TOTAL WEIGHT(LBS)	SPECIES 24 MM TOTAL COUNT	MAXIMUM LENGTH(M)	ADJAL LENGTH(MM)	ADJAL WEIGHT(GM)	ADJAL WEIGHT(GM)
MISSISSIPPI SILVERSIDE	0.01	1	85	60 TO 70	0 TO 5	1 1004

* TOTAL SAMPLE WT. INCLUDES 0.0 LBS OF DEBRIS ACCUMULATED.

ARKANSAS POWER & LIGHT COMPANY
AND SCREEN MANUFACTURING

MON DATE: 04/21/83

SAMPLE TAKEN 03-31-83

INCLUSIVE TIME

INLET WATERBOX

SCREENS

NUMBER OF CIRCULATING

24 HOUR TOTAL

24 HOUR TOTAL *

OF SAMPLE 124 HRS

TEMPERATURE: 44 F

WASHED: 0

PUMPS IN OPERATION: 2

SAMPLE COUNT: 295

SAMPLE HEIGHT:

0.0 LBS

SPECIES NAME	SPECIES 24 HR TOTAL WEIGHT(LBS)	SPECIES 24 HR TOTAL COUNT	MAXIMUM LENGTH(MM)	MODAL LENGTH(MM)	#	%	TOTAL WEIGHT(GM)	#	%	
GIZZARD SHAD	3.69	204.	203	90 TO 120	16	59%	0 TJ	5	12	44%
THREADFIN SHAD	0.11	4.	140	90 TJ 120	3	75%	5 TJ	10	2	50%
FRESHWATER DRUM	1.69	54.	265	60 TJ 90	14	54%	0 TJ	5	15	58%
BLUE CATFISH	1.20	21.	265	90 TJ 120	5	24%	0 TJ	5	4	19%
CHANNEL CATFISH	0.17	3.	190	120 TJ 150	1	33%	15 TJ	20	1	33%
RIVER CATFISHER	1.75	1.	340	350 TJ 360	1	100%	790 TJ	795	1	100%
WHITE BASS	0.20	2.	212	120 TJ 150	1	50%	15 TJ	20	1	50%
STRIPED BASS	0.02	1.	109	90 TJ 120	1	100%	5 TJ	10	1	100%
LIVEHEAD SUNFISH	0.15	3.	114	90 TJ 120	3	100%	20 TJ	25	2	67%
MISSISSIPPI SILVERSIDE	0.02	1.	113	90 TJ 120	1	100%	5 TJ	10	1	100%
GOLDEN SHIVER	0.01	1.	85	60 TJ 90	1	100%	0 TJ	5	1	100%

* TOTAL SAMPLE WT. INCLUDES 0.0 LBS OF DEBRIS ACCUMULATION.