

**DMR Copy of Record**

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 001T External Outfall		<b>Discharge:</b> 001T-11 Current - Discharge From The Secondary Lagoon					

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b> From 07/01/22 to 07/31/22	<b>DMR Due Date:</b> 08/28/22	<b>Status:</b> NetDMR Validated	

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212	
<b>Last Name:</b> Svoboda			

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.										<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.										<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-22 09:02 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)



					NODI																	
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.533	=	4.46	03 - MGD												
					Permit Req.																	
					Value NODI																	
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
2022-07-Spurlock-001-WET.pdf	pdf	285689.0

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

***Report Last Signed By***

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	7/06/22 @15:00 7/07/22 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director



User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)



**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.6978	=	0.981	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.05	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.											<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-22 09:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.9484	=	1.33	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.03	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.																
					Value NODI																

### Submission Note

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### Edit Check Errors

No errors.

### Comments

Effluent is dechlorinated.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-08-22 09:08 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

## DMR Copy of Record

Permit																				
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION								
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056								
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater														
Report Dates & Status																				
Monitoring Period:	From 07/01/22 to 07/31/22				DMR Due Date:	08/28/22					Status:	NetDMR Validated								
Considerations for Form Completion																				
Principal Executive Officer																				
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212								
Last Name:	Svoboda																			
No Data Indicator (NODI)																				
Form NODI:	--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
Submission Note																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
Edit Check Errors																				
No errors.																				
Comments																				
No discharge.																				
Attachments																				
No attachments.																				
Report Last Saved By																				
East Kentucky Power Coop - Spurlock Station																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2022-08-22 09:08 (Time Zone: -04:00)																			
Report Last Signed By																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2022-08-24 09:21 (Time Zone: -04:00)																			

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM					Req Mon MAXIMUM				
					Value NODI						C - No Discharge					C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-22 09:09 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22	Status:	NetDMR Validated
--------------------	---------------------------	---------------	----------	---------	------------------

### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.13				=	8.22				12 - SU	02/30 - Twice Per Month	GR - GRAB			
					Permit Req.	>=	6.0 MINIMUM						<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample																
					Permit Req.						<=	30.0 MO AVG		<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample																
					Permit Req.							<=	15.0 MO AVG		<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.068	=	0.11	03 - MGD								02/30 - Twice Per Month	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-08-22 09:09 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB			
					Permit Req.																01/01 - Daily	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	7.446	=	10.18	03 - MGD									01/01 - Daily	GR - GRAB		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL			
					Permit Req.																01/07 - Weekly	VI - VISUAL
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-22 09:10 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4929	=	1.12	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.																	
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-22 09:11 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)



## DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 011T External Outfall		<b>Discharge:</b> 011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff					

### Report Dates & Status

<b>Monitoring Period:</b> From 07/01/22 to 07/31/22	<b>DMR Due Date:</b> 08/28/22	<b>Status:</b> NetDMR Validated
---	-------------------------------	---------------------------------

### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX		03 - MGD								01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-08-22 09:12 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4897	=	0.808	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.05						
					Permit Req.												<=	0.2 MO AVG			
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-22 09:12 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-08-24 09:21 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	KY0022250	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	001T-11 Current - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 08/01/22 to 08/31/22	<b>DMR Due Date:</b>	09/28/22
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.												15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI						Req Mon MO AVG	<=	110.0 DAILY MX		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM						12 - SU	02/30 - Twice Per Month	GR - GRAB
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9.0 MAXIMUM		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period					
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	RC - Recorder (auto)	
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:01 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)



01079	Silver total recoverable	1 - Effluent Gross	0	--	NODI																	
					Sample Permit Req.																	
					Value NODI																	
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
					Req Mon MO AVG																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
2022-08-Spurlock-001-WET.pdf	pdf	358066.0

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:03 (Time Zone: -04:00)

***Report Last Signed By***

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250 outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	8/03/22 @15:00 8/04/22 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director



**DMR Copy of Record**

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 001T External Outfall		<b>Discharge:</b> 001T-31 Future - Discharge From The Secondary Lagoon					

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 08/01/22 to 08/31/22	<b>DMR Due Date:</b> 09/28/22	<b>Status:</b> NetDMR Validated
----------------------------------	--	---	-------------------------------	---------------------------------

**Considerations for Form Completion**

<b>Principal Executive Officer</b>		<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
		<b>Last Name:</b> Svoboda		

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req.	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Value NODI												Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB		
																	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
00400	pH	1 - Effluent Gross	0	--	Value NODI						>=	6.0 MINIMUM						<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Value NODI													<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Value NODI													<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Value NODI		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD													99/99 - Continuous	RC - Recorder (auto)
							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period															

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
*East Kentucky Power Coop - Spurlock Station*

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:03 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/22 to 08/31/22	DMR Due Date:	09/28/22
Status:	NetDMR Validated		

<b>Considerations for Form Completion</b>			
---	--	--	--

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.6971	=	0.923	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.03					
					Permit Req.											<=	0.2 MO AVG				
					Value NODI														=	0.04	19 - mg/L

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:03 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/22 to 08/31/22	DMR Due Date:	09/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.8875	=	1.28	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.													<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:04 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

## DMR Copy of Record

Permit																				
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION								
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056								
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater														
Report Dates & Status																				
Monitoring Period:	From 08/01/22 to 08/31/22				DMR Due Date:	09/28/22					Status:	NetDMR Validated								
Considerations for Form Completion																				
Principal Executive Officer																				
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212								
Last Name:	Svoboda																			
No Data Indicator (NODI)																				
Form NODI:	--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
Submission Note																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
Edit Check Errors																				
No errors.																				
Comments																				
No discharge.																				
Attachments																				
No attachments.																				
Report Last Saved By																				
East Kentucky Power Coop - Spurlock Station																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2022-09-26 09:04 (Time Zone: -04:00)																			
Report Last Signed By																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2022-09-26 09:36 (Time Zone: -04:00)																			

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/22 to 08/31/22	DMR Due Date:	09/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM				Req Mon MAXIMUM					
					Value NODI						C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge				C - No Discharge					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:04 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/22 to 08/31/22	DMR Due Date:	09/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample					=	8.58			=	8.58	12 - SU	01/30 - Monthly	GR - GRAB		
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							=	7.0		=	7.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.						<=	30.0 MO AVG		<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.						<=	15.0 MO AVG		<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI							B - Below Detection Limit/No Detection			B - Below Detection Limit/No Detection					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.053	=	0.053	03 - MGD								01/30 - Monthly	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)



## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 08/01/22 to 08/31/22	DMR Due Date:	09/28/22	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB			
					Permit Req.																01/01 - Daily	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	6.766	=	8.64	03 - MGD									01/01 - Daily	GR - GRAB		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL			
					Permit Req.																01/07 - Weekly	VI - VISUAL
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/22 to 08/31/22	DMR Due Date:	09/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4342	=	0.592	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.05						
					Permit Req.												<=	0.2 MO AVG				
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:06 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 011T External Outfall		<b>Discharge:</b> 011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff					

### Report Dates & Status

<b>Monitoring Period:</b> From 08/01/22 to 08/31/22	<b>DMR Due Date:</b> 09/28/22	<b>Status:</b> NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-09-26 09:06 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/22 to 08/31/22	DMR Due Date:	09/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4893	=	0.819	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.07							
					Permit Req.												<=	0.2 MO AVG				
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-09-26 09:36 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

<b>Permit #:</b> KY0022250	<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station	<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b> 001T External Outfall	<b>Discharge:</b> 001T-11 Current - Discharge From The Secondary Lagoon	

**Report Dates & Status**

<b>Monitoring Period:</b> From 09/01/22 to 09/30/22	<b>DMR Due Date:</b> 10/28/22	<b>Status:</b> NetDMR Validated
---	-------------------------------	---------------------------------

**Considerations for Form Completion**

**Principal Executive Officer**

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI											9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI											9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period										

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**

No attachments.

**Report Last Saved By**

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:01 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station	<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-12</b> Current - Discharge From The Secondary Lagoon		

**Report Dates & Status**

<b>Monitoring Period:</b>	<b>From 07/01/22 to 09/30/22</b>	<b>DMR Due Date:</b>	<b>10/28/22</b>	<b>Status:</b>	<b>NetDMR Validated</b>
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**Considerations for Form Completion**

**Principal Executive Officer**

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3
00981	<b>Selenium, total recoverable</b>	1 - Effluent Gross	0	--	Sample												
					Permit Req.						<=	0.307 MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00982	<b>Thallium, total recoverable</b>	1 - Effluent Gross	0	--	Sample												
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
01148	<b>Selenium, dry weight</b>	1 - Effluent Gross	0	--	Sample												
					Permit Req.						<=	8.6 MAXIMUM		1L - ug/kg	01/90 - Quarterly	GR - GRAB	
					Value NODI							9 - Conditional Monitoring - Not Required This Period					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Effluent limitations for discharge 001T-12 no longer apply with commencement of Ash Pond dewatering.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:02 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)





01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Req. Value NODI													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample														Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.																	B - Below Detection Limit/No Detection	B - Below Detection Limit/No Detection			
					Value NODI																					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample														Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.																					
					Value NODI																					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample														Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.																					
					Value NODI																					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample														Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.																					
					Value NODI																					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample														= 0.0013	= 0.0013	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.																					
					Value NODI																					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample														= 0.004	= 0.004	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.																					
					Value NODI																					
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample																					
					Permit Req.																					
					Value NODI																					
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample														= 0.0011	= 0.0011	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.																					
					Value NODI																					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.009	=	4.5	03 - MGD												99/99 - Continuous	RC - Recorder (auto)			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD															99/99 - Continuous	RC - Recorder (auto)
					Value NODI																					
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample																					
					Permit Req.																					
					Value NODI																					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample																					
					Permit Req.																					
					Value NODI																					

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
2022-09-Spurlock-001-WET.pdf	pdf	285670.0

Report Last Saved By

*East Kentucky Power Coop - Spurlock Station*

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:03 (Time Zone: -04:00)

*Report Last Signed By*

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250 outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	9/14/22 @15:00 9/15/22 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-31</b> Future - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 09/01/22 to 09/30/22</b>	<b>DMR Due Date:</b>	<b>10/28/22</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM						
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.									<=	30.0 MO AVG			<=	66.7 DAILY MX			
					Value NODI																	
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.									<=	6.0 MO AVG			<=	8.0 DAILY MX			
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		03 - MGD											
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:04 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

## DMR Copy of Record

Permit																					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station							Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION										
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391							Facility Location:	KY 8 MAYSVILLE, KY 41056										
Permitted Feature:	001T External Outfall	Discharge:	001T-32 Future - Discharge From The Secondary Lagoon																		
Report Dates & Status																					
Monitoring Period:	From 07/01/22 to 09/30/22							DMR Due Date:	10/28/22							Status:	NetDMR Validated				
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	Todd							Title:	Sr. Environmental Engineer							Telephone:	859-745-9212				
Last Name:	Svoboda																				
No Data Indicator (NODI)																					
Form NODI:	--																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units					
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																
					Value NODI																
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																
					Value NODI																
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample Permit Req.																
					Value NODI																
Submission Note																					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																					
Edit Check Errors																					
No errors.																					
Comments																					
Effluent limitations for discharge 001T-32 do not apply until completion of Ash Pond dewatering.																					
Attachments																					
No attachments.																					
Report Last Saved By																					
East Kentucky Power Coop - Spurlock Station																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2022-10-18 11:06 (Time Zone: -04:00)																				
Report Last Signed By																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2022-10-18 11:49 (Time Zone: -04:00)																				

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.5231	=	0.988	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.04					
					Permit Req.											<=	0.2 MO AVG				
					Value NODI													<=	0.5 DAILY MX	19 - mg/L	01/OC - Once Every Occurance

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:06 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.5925	=	1.16	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.04	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.											<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:06 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)



## DMR Copy of Record

Permit																					
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater															
Report Dates & Status																					
Monitoring Period:	From 09/01/22 to 09/30/22				DMR Due Date:	10/28/22					Status:	NetDMR Validated									
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212									
Last Name:	Svoboda																				
No Data Indicator (NODI)																					
Form NODI:	--																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units					
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI		C - No Discharge		C - No Discharge												
Submission Note																					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																					
Edit Check Errors																					
No errors.																					
Comments																					
No discharge.																					
Attachments																					
No attachments.																					
Report Last Saved By																					
East Kentucky Power Coop - Spurlock Station																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2022-10-18 11:07 (Time Zone: -04:00)																				
Report Last Signed By																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2022-10-18 11:49 (Time Zone: -04:00)																				

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM				Req Mon MAXIMUM					
					Value NODI						C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge				C - No Discharge					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:07 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Permit #:</b> KY0022250	<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056		
<b>Permitted Feature:</b> 006 External Outfall	<b>Discharge:</b> 006-1 Stormwater Runoff				

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b> From 07/01/22 to 09/30/22	<b>DMR Due Date:</b> 10/28/22	<b>Status:</b> NetDMR Validated			

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer		<b>Telephone:</b> 859-745-9212		
<b>Last Name:</b> Svoboda					

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.04				=	8.04			12 - SU	01/90 - Quarterly	GR - GRAB		
					Permit Req.														
					Value NODI														
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														
					Permit Req.														
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.														
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.53	=	0.53	03 - MGD									
					Permit Req.														
					Value NODI														

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:10 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Permit #:</b> KY0022250	<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056		
<b>Permitted Feature:</b> 007 External Outfall	<b>Discharge:</b> 007-1 Reverse Osmosis Reject				

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b> From 07/01/22 to 09/30/22	<b>DMR Due Date:</b> 10/28/22	<b>Status:</b> NetDMR Validated			

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer		<b>Telephone:</b> 859-745-9212		
<b>Last Name:</b> Svoboda					

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.83				=	7.83				12 - SU	01/90 - Quarterly	GR - GRAB		
					Permit Req.	>=	6.0 MINIMUM						<=	9.0 MAXIMUM			12 - SU	01/90 - Quarterly	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												01/90 - Quarterly	GR - GRAB		
					Permit Req.							<=	30.0 MO AVG			<=	100.0 DAILY MX	19 - mg/L		
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.24	=	0.24	03 - MGD								01/90 - Quarterly	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI															

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:10 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA

Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.08				=	8.08			12 - SU	01/30 - Monthly	GR - GRAB				
					Permit Req.	>=	6.0 MINIMUM			<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB					
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.05	=	0.05	03 - MGD								01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:11 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Facility:</b>		<b>Facility Location:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	008 External Outfall	<b>Discharge:</b>	<b>008-2</b> Coal Combustion Residual Landfill Leachate and Stormwater Runoff

### Report Dates & Status

<b>Monitoring Period:</b>	From 07/01/22 to 09/30/22	<b>DMR Due Date:</b>	10/28/22	<b>Status:</b>	NetDMR Validated
---------------------------	---------------------------	----------------------	----------	----------------	------------------

### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample						=	9.9	=	9.9	28 - ug/L	01/90 - Quarterly	GR - GRAB			
					Permit Req.														01/90 - Quarterly	GR - GRAB
					Value NODI															
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.64	=	0.64	28 - ug/L	01/90 - Quarterly	GR - GRAB			
					Permit Req.														01/90 - Quarterly	GR - GRAB
					Value NODI															

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:11 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)



## DMR Copy of Record

<b>Permit</b>					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22	Status:	NetDMR Validated
<b>Considerations for Form Completion</b>					

<b>Principal Executive Officer</b>					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB			
					Permit Req.																01/01 - Daily	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	5.9	=	7.93	03 - MGD									01/01 - Daily	GR - GRAB		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL			
					Permit Req.													Req Mon MAXIMUM	9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:12 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG						<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI							9 - Conditional Monitoring - Not Required This Period								9 - Conditional Monitoring - Not Required This Period		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.379	=	0.659	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:12 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

## DMR Copy of Record

Permit																						
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station							Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION											
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391							Facility Location:	KY 8 MAYSVILLE, KY 41056											
Permitted Feature:	011T External Outfall	Discharge:	011T-12 Tier 1 - Coal Combustion Residual Landfill Stormwater Runoff																			
Report Dates & Status																						
Monitoring Period:	From 07/01/22 to 09/30/22							DMR Due Date:	10/28/22							Status:	NetDMR Validated					
Considerations for Form Completion																						
Principal Executive Officer																						
First Name:	Todd							Title:	Sr. Environmental Engineer							Telephone:	859-745-9212					
Last Name:	Svoboda																					
No Data Indicator (NODI)																						
Form NODI:	--																					
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample													01/90 - Quarterly	GR - GRAB			
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU						
					Value NODI											C - No Discharge	C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													01/90 - Quarterly	GR - GRAB			
					Permit Req.											<=	100.0 DAILY MX			19 - mg/L		
					Value NODI												C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample													01/90 - Quarterly	IN - INSTAN			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI		C - No Discharge		C - No Discharge													
Submission Note																						
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																						
Edit Check Errors																						
No errors.																						
Comments																						
No discharge.																						
Attachments																						
No attachments.																						
Report Last Saved By																						
East Kentucky Power Coop - Spurlock Station																						
User:	TODDSVOBODA																					
Name:	Todd Svoboda																					
E-Mail:	todd.svoboda@ekpc.coop																					
Date/Time:	2022-10-18 11:12 (Time Zone: -04:00)																					
Report Last Signed By																						
User:	TODDSVOBODA																					
Name:	Todd Svoboda																					
E-Mail:	todd.svoboda@ekpc.coop																					
Date/Time:	2022-10-18 11:49 (Time Zone: -04:00)																					

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:12 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	KY0022250	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	011T External Outfall	<b>Discharge:</b>	<b>011T-22</b> Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 07/01/22 to 09/30/22	<b>DMR Due Date:</b>	10/28/22
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample													19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					

01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Effluent limitations for discharge 011T-22 do not apply until landfill leachate starts discharging through this outfall.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:13 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4629	=	0.877	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.07	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:16 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-10-18 11:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Permit #:</b> KY0022250	<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056		
<b>Permitted Feature:</b> 001T External Outfall	<b>Discharge:</b> 001T-11 Current - Discharge From The Secondary Lagoon				

### Report Dates & Status

<b>Monitoring Period:</b> From 10/01/22 to 10/31/22	<b>DMR Due Date:</b> 11/28/22	<b>Status:</b> NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.										<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI														9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.										<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI														9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period												

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-11-16 09:31 (Time Zone: -05:00)

### Report Last Signed By



User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	001T External Outfall	Discharge:	001T-21 Ash Pond Dewatering		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22	Status:	NetDMR Validated

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample						=	74.2		=	80.0		15 - deg F	05/30 - 5 Times Every Month	GR - GRAB
					Permit Req.						Req Mon MO AVG		<=	110.0 DAILY MX		15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.95		=	8.17		12 - SU	02/30 - Twice Per Month	GR - GRAB
					Permit Req.					>=	6.0 MINIMUM		<=	9.0 MAXIMUM		12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	5.0		=	5.0		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.					<=	30.0 MO AVG		<=	78.9 DAILY MX		19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample									<=	8.9 MO AVG		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	11.9 DAILY MX					
					Value NODI						B - Below Detection Limit/No Detection			B - Below Detection Limit/No Detection					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	673.0		=	673.0		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						Req Mon MO AVG			Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.0032		=	0.0032		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						Req Mon MO AVG			Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.0022		=	0.0022		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.					<=	0.307 MO AVG			Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample										Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						Req Mon MO AVG			Req Mon DAILY MX					
					Value NODI						B - Below Detection Limit/No Detection			B - Below Detection Limit/No Detection					
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample										Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						Req Mon MO AVG			Req Mon DAILY MX					
					Value NODI						B - Below Detection Limit/No Detection			B - Below Detection Limit/No Detection					
01074	Nickel, total recoverable	1 - Effluent	0	--	Sample						=	0.0021		=	0.0021		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						Req Mon MO AVG			Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	

		Gross			Value NODI																	
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2.91	=	4.65	03 - MGD												
					Permit Req.																	
					Value NODI																	
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
2022-10-Spurlock-001-WET.pdf	pdf	285669.0

Report Last Saved By

*East Kentucky Power Coop - Spurlock Station*

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:32 (Time Zone: -05:00)

*Report Last Signed By*

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	10/05/22 @15:00 10/06/22 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-31</b> Future - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 10/01/22 to 10/31/22	<b>DMR Due Date:</b>	11/28/22
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.										<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.										<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period												

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:33 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3745	=	0.955	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.04	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:33 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)



**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG	
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.6219	=	1.53	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.04	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.											<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab		
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:33 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>																				
Permit #: <b>KY0022250</b>		Permittee: East Kentucky Power Coop - Spurlock Station					Facility: EAST KENTUCKY POWER COOP - SPURLOCK STATION													
Major: Yes		Permittee Address: 4775 Lexington Rd Winchester, KY 40391					Facility Location: KY 8 MAYSVILLE, KY 41056													
Permitted Feature: 004 Internal Outfall		Discharge: <b>004-1</b> Chemical Metal Cleaning Wastewater																		
<b>Report Dates &amp; Status</b>																				
Monitoring Period: From 10/01/22 to 10/31/22					DMR Due Date: 11/28/22					Status: <b>NetDMR Validated</b>										
<b>Considerations for Form Completion</b>																				
<b>Principal Executive Officer</b>																				
First Name: Todd		Title: Sr. Environmental Engineer					Telephone: 859-745-9212													
Last Name: Svoboda																				
<b>No Data Indicator (NODI)</b>																				
Form NODI: --																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample															
					Permit Req.							<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - GRAB	
					Value NODI								C - No Discharge		C - No Discharge					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample															
					Permit Req.							<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - GRAB	
					Value NODI								C - No Discharge		C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/BA - Once Per Batch	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											
<b>Submission Note</b>																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
<b>Edit Check Errors</b>																				
No errors.																				
<b>Comments</b>																				
No discharge.																				
<b>Attachments</b>																				
No attachments.																				
<b>Report Last Saved By</b>																				
East Kentucky Power Coop - Spurlock Station																				
User: TODDSVOBODA		Name: Todd Svoboda					E-Mail: todd.svoboda@ekpc.coop													
Date/Time: 2022-11-16 09:34		(Time Zone: -05:00)																		
<b>Report Last Signed By</b>																				
User: TODDSVOBODA		Name: Todd Svoboda					E-Mail: todd.svoboda@ekpc.coop													
Date/Time: 2022-11-16 09:39		(Time Zone: -05:00)																		

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00400	pH	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Value NODI						C - No Discharge				C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample													
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD						01/DS - Once Per Discharge	IN - INSTAN	
					Value NODI		C - No Discharge		C - No Discharge									
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample													
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/DS - Once Per Discharge	GR - GRAB		
					Value NODI						C - No Discharge		C - No Discharge					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:34 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22	Status:	NetDMR Validated
--------------------	---------------------------	---------------	----------	---------	------------------

### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.29				=	8.29			12 - SU	01/30 - Monthly	GR - GRAB				
					Permit Req.	>=	6.0 MINIMUM			<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB					
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.05	=	0.05	03 - MGD								01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-11-16 09:34 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB				
					Permit Req.																01/01 - Daily	GR - GRAB	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.912	=	7.76	03 - MGD									01/01 - Daily	GR - GRAB			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												01/01 - Daily	GR - GRAB
					Value NODI																		
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL				
					Permit Req.																	01/07 - Weekly	VI - VISUAL
					Value NODI																		

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:35 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4355	=	0.754	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.07	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab		
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:35 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI														

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-11-16 09:35 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)



**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	11/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG	
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3018	=	0.673	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.08						
					Permit Req.											<=	0.2 MO AVG					
					Value NODI														=	0.11	19 - mg/L	01/OC - Once Every Occurance

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:36 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-11-16 09:39 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-11</b> Current - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 11/01/22 to 11/30/22	<b>DMR Due Date:</b>	12/28/22
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI						9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX		03 - MGD									99/99 - Continuous	RC - Recorder (auto)	
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:46 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

DMR Copy of Record

<b>Permit</b>					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	001T External Outfall	Discharge:	001T-21 Ash Pond Dewatering		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22	Status:	NetDMR Validated

Considerations for Form Completion

<b>Principal Executive Officer</b>					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample						=	77.6			=	89.0	15 - deg F	05/30 - 5 Times Every Month	GR - GRAB	
					Permit Req.															
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.14			=	8.18	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU				
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.					<=	30.0 MO AVG			<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection					
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.					<=	8.9 MO AVG			<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	680.0			=	680.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.															
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.0022			=	0.0022	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.															
					Value NODI															
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.					<=	0.307 MO AVG				Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection					
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection					
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection					
					Sample						=	0.0021			=	0.0021	19 - mg/L	01/30 - Monthly	GR - GRAB	

01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI														
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample							= 0.0017	=	0.0017	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI														
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample							= 0.0044	=	0.0044	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI														
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample									<= 8.6 MAXIMUM	69 - mg/kg	01/30 - Monthly	GR - GRAB		
					Permit Req.														
					Value NODI									9 - Conditional Monitoring - Not Required This Period					
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2.428	=	4.8	03 - MGD							99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
					Value NODI														
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample									< 1.0	2F - tox acute	01/30 - Monthly	GR - GRAB		
					Permit Req.									<= 1.0 MAXIMUM	2F - tox acute	01/30 - Monthly	GR - GRAB		
					Value NODI														
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
2022-11-Spurlock-001-WET.pdf	pdf	286957.0

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:46 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall S-001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	11/2/22 @15:00 11/3/22 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-31</b> Future - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 11/01/22 to 11/30/22	<b>DMR Due Date:</b>	12/28/22
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.									<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.									<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-21 09:05 (Time Zone: -05:00)

**Report Last Signed By**



User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.5642	=	0.775	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.03	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent is dechlorinated.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-12-21 09:06 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.6128	=	1.26	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.05						
					Permit Req.												<=	0.2 MO AVG				
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-21 09:06 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

## DMR Copy of Record

Permit																					
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater															
Report Dates & Status																					
Monitoring Period:	From 11/01/22 to 11/30/22				DMR Due Date:	12/28/22					Status:	NetDMR Validated									
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212									
Last Name:	Svoboda																				
No Data Indicator (NODI)																					
Form NODI:	--																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units					
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	GR - GRAB		
					Permit Req.																
					Value NODI																
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI		C - No Discharge		C - No Discharge												
Submission Note																					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																					
Edit Check Errors																					
No errors.																					
Comments																					
No discharge.																					
Attachments																					
No attachments.																					
Report Last Saved By																					
East Kentucky Power Coop - Spurlock Station																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2022-12-21 09:06 (Time Zone: -05:00)																				
Report Last Signed By																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2022-12-22 08:47 (Time Zone: -05:00)																				

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM				Req Mon MAXIMUM					
					Value NODI						C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge				C - No Discharge					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-21 09:07 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.26				=	8.26				12 - SU	01/30 - Monthly	GR - GRAB			
					Permit Req.	>=	6.0 MINIMUM						<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample																
					Permit Req.							<=	30.0 MO AVG		<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample																
					Permit Req.									<=	15.0 MO AVG		<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.027	=	0.027	03 - MGD								01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-21 09:08 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB			
					Permit Req.																01/01 - Daily	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.615	=	5.34	03 - MGD									01/01 - Daily	GR - GRAB		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL			
					Permit Req.																01/07 - Weekly	VI - VISUAL
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-21 09:08 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)



## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4335	=	0.778	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.08	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-21 09:08 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Permit #:</b> KY0022250	<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056		
<b>Permitted Feature:</b> 011T External Outfall	<b>Discharge:</b> 011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff				

### Report Dates & Status

<b>Monitoring Period:</b> From 11/01/22 to 11/30/22	<b>DMR Due Date:</b> 12/28/22	<b>Status:</b> NetDMR Validated
---	-------------------------------	---------------------------------

### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-12-21 09:09 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 11/01/22 to 11/30/22	DMR Due Date:	12/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0343	=	0.481	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06					
					Permit Req.												<=	0.2 MO AVG			
					Value NODI														=	0.09	19 - mg/L

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-21 09:09 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2022-12-22 08:47 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>					
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station	<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	001T-11 Current - Discharge From The Secondary Lagoon		

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	From 12/01/22 to 12/31/22	<b>DMR Due Date:</b>	01/28/23	<b>Status:</b>	NetDMR Validated

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:02 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

Permit																						
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station							Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION											
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391							Facility Location:	KY 8 MAYSVILLE, KY 41056											
Permitted Feature:	001T External Outfall	Discharge:	001T-12 Current - Discharge From The Secondary Lagoon																			
Report Dates & Status																						
Monitoring Period:	From 10/01/22 to 12/31/22							DMR Due Date:	01/28/23							Status:	NetDMR Validated					
Considerations for Form Completion																						
Principal Executive Officer																						
First Name:	Todd							Title:	Sr. Environmental Engineer							Telephone:	859-745-9212					
Last Name:	Svoboda																					
No Data Indicator (NODI)																						
Form NODI:	--																					
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units						
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample Permit Req.																	
					Value NODI																	
Submission Note																						
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																						
Edit Check Errors																						
No errors.																						
Comments																						
Effluent limitations for discharge 001T-12 no longer apply with commencement of Ash Pond dewatering.																						
Attachments																						
No attachments.																						
Report Last Saved By																						
<b>East Kentucky Power Coop - Spurlock Station</b>																						
User:	TODDSVOBODA																					
Name:	Todd Svoboda																					
E-Mail:	todd.svoboda@ekpc.coop																					
Date/Time:	2023-01-23 09:02 (Time Zone: -05:00)																					
Report Last Signed By																						
User:	TODDSVOBODA																					
Name:	Todd Svoboda																					
E-Mail:	todd.svoboda@ekpc.coop																					
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																					

## DMR Copy of Record

Permit																			
Permit #:	KY0022250			Permittee:	East Kentucky Power Coop - Spurlock Station				Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes			Permittee Address:	4775 Lexington Rd Winchester, KY 40391				Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	001T External Outfall			Discharge:	001T-14 Current - Discharge From The Secondary Lagoon														
Report Dates & Status																			
Monitoring Period:	From 01/01/22 to 12/31/22			DMR Due Date:	01/28/23				Status:	NetDMR Validated									
Considerations for Form Completion																			
Principal Executive Officer																			
First Name:	Todd			Title:	Sr. Environmental Engineer				Telephone:	859-745-9212									
Last Name:	Svoboda																		
No Data Indicator (NODI)																			
Form NODI:	--																		
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req.											2F - tox acute		01/YR - Annual	GR - GRAB
				Value NODI												9 - Conditional Monitoring - Not Required This Period			
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check Errors																			
No errors.																			
Comments																			
Effluent limitations for discharge 001T-14 no longer apply with commencement of Ash Pond dewatering.																			
Attachments																			
No attachments.																			
Report Last Saved By																			
East Kentucky Power Coop - Spurlock Station																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-01-23 09:03 (Time Zone: -05:00)																		
Report Last Signed By																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																		





01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Req. Value NODI													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													= 0.0018	= 0.0018	19 - mg/L	01/30 - Monthly	GR - GRAB	
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														<= 8.6 MAXIMUM	69 - mg/kg	01/30 - Monthly	GR - GRAB	
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													= 0.001	= 0.001	19 - mg/L	01/30 - Monthly	GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI																	99/99 - Continuous	RC - Recorder (auto)
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI															< 1.0	2F - tox acute	01/30 - Monthly	GR - GRAB
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
2022-12-Spurlock-001-WET.pdf	pdf	285354.0

Report Last Saved By

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:04 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	12/06/22 @15:00 12/07/22 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

# DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 001T External Outfall		<b>Discharge:</b> 001T-31 Future - Discharge From The Secondary Lagoon					

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b> From 12/01/22 to 12/31/22	<b>DMR Due Date:</b> 01/28/23	<b>Status:</b> NetDMR Validated	

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212	
<b>Last Name:</b> Svoboda			

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.										<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.										<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period												

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:04 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

Permit																				
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION								
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056								
Permitted Feature:	001T External Outfall				Discharge:	001T-32 Future - Discharge From The Secondary Lagoon														
Report Dates & Status																				
Monitoring Period:	From 10/01/22 to 12/31/22				DMR Due Date:	01/28/23					Status:	NetDMR Validated								
Considerations for Form Completion																				
Principal Executive Officer																				
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212								
Last Name:	Svoboda																			
No Data Indicator (NODI)																				
Form NODI:	--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.															
					Value NODI															
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.															
					Value NODI															
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample Permit Req.															
					Value NODI															
Submission Note																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
Edit Check Errors																				
No errors.																				
Comments																				
Effluent limitations for discharge 001T-32 do not apply until completion of Ash Pond dewatering.																				
Attachments																				
No attachments.																				
Report Last Saved By																				
East Kentucky Power Coop - Spurlock Station																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2023-01-23 09:04 (Time Zone: -05:00)																			
Report Last Signed By																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																			

## DMR Copy of Record

Permit																			
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station				Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION								
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391				Facility Location:	KY 8 MAYSVILLE, KY 41056								
Permitted Feature:	001T External Outfall				Discharge:	001T-34 Future - Discharge From The Secondary Lagoon													
Report Dates & Status																			
Monitoring Period:	From 01/01/22 to 12/31/22				DMR Due Date:	01/28/23				Status:	NetDMR Validated								
Considerations for Form Completion																			
Principal Executive Officer																			
First Name:	Todd				Title:	Sr. Environmental Engineer				Telephone:	859-745-9212								
Last Name:	Svoboda																		
No Data Indicator (NODI)																			
Form NODI:	--																		
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req.										1.0 MAXIMUM	2F - tox acute		01/YR - Annual	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period				
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check Errors																			
No errors.																			
Comments																			
Effluent limitations for discharge 001T-34 do not apply until completion of Ash Pond dewatering.																			
Attachments																			
No attachments.																			
Report Last Saved By																			
East Kentucky Power Coop - Spurlock Station																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-01-23 09:04 (Time Zone: -05:00)																		
Report Last Signed By																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																		

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.451	=	0.889	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06					
					Permit Req.											<=	0.2 MO AVG				
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:05 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)



## DMR Copy of Record

Permit																		
Permit #:	KY0022250			Permittee:	East Kentucky Power Coop - Spurlock Station						Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION						
Major:	Yes			Permittee Address:	4775 Lexington Rd Winchester, KY 40391						Facility Location:	KY 8 MAYSVILLE, KY 41056						
Permitted Feature:	002 Internal Outfall			Discharge:	002-4 Unit #1 Cooling Tower Blowdown													
Report Dates & Status																		
Monitoring Period:	From 01/01/22 to 12/31/22			DMR Due Date:	01/28/23						Status:	NetDMR Validated						
Considerations for Form Completion																		
Principal Executive Officer																		
First Name:	Todd			Title:	Sr. Environmental Engineer						Telephone:	859-745-9212						
Last Name:	Svoboda																	
No Data Indicator (NODI)																		
Form NODI:	--																	
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--							=		0.003	=	0.003	19 - mg/L	01/YR - Annual	GR - GRAB
					Sample													
					Permit Req.						<=		0.2 MO AVG	<=	0.2 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Value NODI													
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--							<=		1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Sample													
					Permit Req.								B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
					Value NODI													
50008	Priority Pollutants	1 - Effluent Gross	0	--							<=		0.0 MO AVG	<=	0.0 DAILY MX	19 - mg/L	01/YR - Annual	CA - CALCTD
					Sample													
					Permit Req.								B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
					Value NODI													
Submission Note																		
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																		
Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
												Name	Type	Size				
												2022-Spurlock-Outfall-002-003-010-012-PP.pdf	pdf	881704.0				
Report Last Saved By																		
<b>East Kentucky Power Coop - Spurlock Station</b>																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 09:05 (Time Zone: -05:00)																	
Report Last Signed By																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																	

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.5786	=	0.807	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.05					
					Permit Req.											<=	0.2 MO AVG				
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:05 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

Permit																		
Permit #:	KY0022250			Permittee:	East Kentucky Power Coop - Spurlock Station				Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION								
Major:	Yes			Permittee Address:	4775 Lexington Rd Winchester, KY 40391				Facility Location:	KY 8 MAYSVILLE, KY 41056								
Permitted Feature:	003 Internal Outfall			Discharge:	003-4 Unit #2 Cooling Tower Blowdown													
Report Dates & Status																		
Monitoring Period:	From 01/01/22 to 12/31/22			DMR Due Date:	01/28/23				Status:	NetDMR Validated								
Considerations for Form Completion																		
Principal Executive Officer																		
First Name:	Todd			Title:	Sr. Environmental Engineer				Telephone:	859-745-9212								
Last Name:	Svoboda																	
No Data Indicator (NODI)																		
Form NODI:	--																	
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--	Sample					=	0.0021			=	0.0021	19 - mg/L	01/YR - Annual	GR - GRAB
					Permit Req.					<=	0.2 MO AVG			<=	0.2 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Value NODI													
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample					<=	1.0 MO AVG			<=	1.0 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Permit Req.													
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection			
50008	Priority Pollutants	1 - Effluent Gross	0	--	Sample					<=	0.0 MO AVG			<=	0.0 DAILY MX	19 - mg/L	01/YR - Annual	CA - CALCTD
					Permit Req.													
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection			
Submission Note																		
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																		
Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
												Name	Type	Size				
												2022-Spurlock-Outfall-002-003-010-012-PP.pdf	pdf	881704.0				
Report Last Saved By																		
<b>East Kentucky Power Coop - Spurlock Station</b>																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 09:06 (Time Zone: -05:00)																	
Report Last Signed By																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																	

## DMR Copy of Record

Permit																				
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION															
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056															
Permitted Feature:	004 Internal Outfall	Discharge:	004-1 Chemical Metal Cleaning Wastewater																	
Report Dates & Status																				
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23	Status:	NetDMR Validated															
Considerations for Form Completion																				
Principal Executive Officer																				
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212															
Last Name:	Svoboda																			
No Data Indicator (NODI)																				
Form NODI:	--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample															
					Permit Req.							<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - GRAB	
					Value NODI										C - No Discharge					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample															
					Permit Req.							<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - GRAB	
					Value NODI										C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/BA - Once Per Batch	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											
Submission Note																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
Edit Check Errors																				
No errors.																				
Comments																				
No discharge.																				
Attachments																				
No attachments.																				
Report Last Saved By																				
<b>East Kentucky Power Coop - Spurlock Station</b>																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2023-01-23 09:06 (Time Zone: -05:00)																			
Report Last Signed By																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																			

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM					Req Mon MAXIMUM				
					Value NODI						C - No Discharge					C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:06 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	006 External Outfall	Discharge:	006-1 Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 10/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.75				=	7.75			12 - SU	01/90 - Quarterly	GR - GRAB			
					Permit Req.		Req Mon MINIMUM							Req Mon MAXIMUM	12 - SU	01/90 - Quarterly	GR - GRAB			
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Value NODI									B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.									<=	10.0 MO AVG	<=	15.0 DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI										B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.66	=	0.66	03 - MGD										
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								01/90 - Quarterly	IN - INSTAN	
					Value NODI													01/90 - Quarterly	IN - INSTAN	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:07 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	007 External Outfall	Discharge:	007-1 Reverse Osmosis Reject
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 10/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.85				=	7.85				12 - SU	01/90 - Quarterly	GR - GRAB			
					Permit Req.	>=	6.0 MINIMUM						<=	9.0 MAXIMUM			12 - SU	01/90 - Quarterly	GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample																
					Permit Req.							<=	30.0 MO AVG		<=	100.0 DAILY MX		19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample																
					Permit Req.								<=	15.0 MO AVG		<=	20.0 DAILY MX		MG - mg/g	01/90 - Quarterly	GR - GRAB
					Value NODI																
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.12	=	0.12	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:07 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA



Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

<b>Considerations for Form Completion</b>			
<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.94			=	7.94	12 - SU	01/30 - Monthly	GR - GRAB			
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB			
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.054	=	0.054	03 - MGD								01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: jared.daugherty@ekpc.coop  
Name: Jared Daugherty  
E-Mail: jared.daugherty@ekpc.coop  
Date/Time: 2023-01-09 08:41 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Facility:		Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Permitted Feature:	008 External Outfall	Discharge:	008-2 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility Location:		Facility Location:	KY 8 MAYSVILLE, KY 41056

### Report Dates & Status

Monitoring Period: From 10/01/22 to 12/31/22 | DMR Due Date: 01/28/23 | Status: NetDMR Validated

### Considerations for Form Completion

### Principal Executive Officer

First Name: Todd | Title: Sr. Environmental Engineer | Telephone: 859-745-9212  
Last Name: Svoboda

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample						=	9.9	=	9.9	28 - ug/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB	
					Value NODI													
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.62	=	0.62	28 - ug/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB	
					Value NODI													

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:08 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

Permit		
Permit #:	KY0022250	Permittee: East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address: 4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge: <b>008-4</b> Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION	
Facility Location:	KY 8 MAYSVILLE, KY 41056	

### Report Dates & Status

Monitoring Period: From 01/01/22 to 12/31/22	DMR Due Date: 01/28/23	Status: <b>NetDMR Validated</b>
--	------------------------	---------------------------------

### Considerations for Form Completion

### Principal Executive Officer

First Name: Todd	Title: Sr. Environmental Engineer	Telephone: 859-745-9212
Last Name: Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

Name	Type	Size
2022-Spurlock-008-FishTissue.pdf	pdf	146196.0

### Report Last Saved By

#### East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-01-23 09:09 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)



# Aquatic Laboratories, LLC

2554 Palumbo Drive  
Lexington, KY 40509  
(859) 388-9595

Report Date: 11/18/2022

## Certificate of Analysis

**Client:** East Kentucky Power Cooperative, Inc.  
4775 Lexington Road  
PO Box 707  
Contact: Eric Hamilton and Jared  
Daugherty  
Winchester, KY 40392

**COC Num:** AR2210260015  
**Client Location:** KY0022250  
**Sample Point:** 008  
**2nd Identifier:** 008

### Comments:

**Sample Num:** 2210260037

**Container:** 1L

**Preservative:**

**Sample Date:** 10/17/2022 11:00:00 AM

**Received Date:** 10/26/2022 4:29:00 PM

**Collection Method:**

**Sampler:** Butler, Jason

**Comment:** Lepomis Cyanellus

<u>Method</u>	<u>Analyte</u>	<u>Result</u>	<u>MRL</u>	<u>MDL</u>	<u>Unit</u>	<u>Analyst</u>	<u>Completed</u>
EPA200.8 Rev 5.4-1994	Selenium, Total Recoverable	3.4	0		mg/kg Dry Weight	TH	11/17/22
	Percent Moisture	74			%	TH	11/17/22

**Sample Num:** 2210260038

**Container:** 1L

**Preservative:**

**Sample Date:** 10/17/2022 11:00:00 AM

**Received Date:** 10/26/2022 4:33:00 PM

**Collection Method:**

**Sampler:** Butler, Jason

**Comment:** Lepomis Cyanellus

<u>Method</u>	<u>Analyte</u>	<u>Result</u>	<u>MRL</u>	<u>MDL</u>	<u>Unit</u>	<u>Analyst</u>	<u>Completed</u>
EPA200.8 Rev 5.4-1994	Selenium, Total Recoverable	3.4	0		mg/kg Dry Weight	TH	11/17/22
	Percent Moisture	75			%	TH	11/17/22

### Result "C" = No Flow

The certificate above shall not be reproduced except in full

Certified by:

  
Environmental Scientist

KDOW Laboratory Number: 08031

Rev 0.3

## DMR Copy of Record

Permit			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

Report Dates & Status			
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

Considerations for Form Completion			
<i>Principal Executive Officer</i>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB				
					Permit Req.																01/01 - Daily	GR - GRAB	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	5.757	=	16.63	03 - MGD									01/01 - Daily	GR - GRAB			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB	
					Value NODI																		
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0			9A - pass=0;fail=1	01/07 - Weekly	VI - VISUAL				
					Permit Req.																	01/07 - Weekly	VI - VISUAL
					Value NODI																		

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:10 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.2723	=	0.503	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.07						
					Permit Req.											<=	0.2 MO AVG				
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:10 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

Permit																		
Permit #:	KY0022250			Permittee:	East Kentucky Power Coop - Spurlock Station				Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION								
Major:	Yes			Permittee Address:	4775 Lexington Rd Winchester, KY 40391				Facility Location:	KY 8 MAYSVILLE, KY 41056								
Permitted Feature:	010 Internal Outfall			Discharge:	010-4 Unit #3 Cooling Tower Blowdown													
Report Dates & Status																		
Monitoring Period:	From 01/01/22 to 12/31/22			DMR Due Date:	01/28/23				Status:	NetDMR Validated								
Considerations for Form Completion																		
Principal Executive Officer																		
First Name:	Todd			Title:	Sr. Environmental Engineer				Telephone:	859-745-9212								
Last Name:	Svoboda																	
No Data Indicator (NODI)																		
Form NODI:	--																	
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--							=		0.0038	=	0.0038	19 - mg/L	01/YR - Annual	GR - GRAB
					Sample													
					Permit Req.						<=		0.2 MO AVG	<=	0.2 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Value NODI													
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--							<=		1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Sample													
					Permit Req.								B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
					Value NODI													
50008	Priority Pollutants	1 - Effluent Gross	0	--							<=		0.0 MO AVG	<=	0.0 DAILY MX	19 - mg/L	01/YR - Annual	CA - CALCTD
					Sample													
					Permit Req.								B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
					Value NODI													
Submission Note																		
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																		
Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
												Name	Type	Size				
												2022-Spurlock-Outfall-002-003-010-012-PP.pdf	pdf	881704.0				
Report Last Saved By																		
<b>East Kentucky Power Coop - Spurlock Station</b>																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 09:10 (Time Zone: -05:00)																	
Report Last Signed By																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																	



## DMR Copy of Record

Permit																						
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station							Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION											
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391							Facility Location:	KY 8 MAYSVILLE, KY 41056											
Permitted Feature:	011T External Outfall	Discharge:	011T-12 Tier 1 - Coal Combustion Residual Landfill Stormwater Runoff																			
Report Dates & Status																						
Monitoring Period:	From 10/01/22 to 12/31/22							DMR Due Date:	01/28/23							Status:	NetDMR Validated					
Considerations for Form Completion																						
Principal Executive Officer																						
First Name:	Todd							Title:	Sr. Environmental Engineer							Telephone:	859-745-9212					
Last Name:	Svoboda																					
No Data Indicator (NODI)																						
Form NODI:	--																					
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units						
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.99			=	7.99	12 - SU		01/90 - Quarterly	GR - GRAB			
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/90 - Quarterly	GR - GRAB			
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample									=	8.0	19 - mg/L		01/90 - Quarterly	GR - GRAB			
					Permit Req.									<=	100.0 DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB			
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.108	=	0.108	03 - MGD								01/90 - Quarterly	IN - INSTAN			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								01/90 - Quarterly	IN - INSTAN			
					Value NODI																	
Submission Note																						
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																						
Edit Check Errors																						
No errors.																						
Comments																						
Attachments																						
No attachments.																						
Report Last Saved By																						
East Kentucky Power Coop - Spurlock Station																						
User:	TODDSVOBODA																					
Name:	Todd Svoboda																					
E-Mail:	todd.svoboda@ekpc.coop																					
Date/Time:	2023-01-23 09:11 (Time Zone: -05:00)																					
Report Last Signed By																						
User:	TODDSVOBODA																					
Name:	Todd Svoboda																					
E-Mail:	todd.svoboda@ekpc.coop																					
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																					

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23	Status:	NetDMR Validated
--------------------	---------------------------	---------------	----------	---------	------------------

### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-01-23 09:11 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	011T External Outfall	<b>Discharge:</b>	<b>011T-22</b> Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 10/01/22 to 12/31/22	<b>DMR Due Date:</b>	01/28/23
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample													19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					

01114	<b>Lead, total recoverable</b>	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
01118	<b>Chromium, total recoverable</b>	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
01119	<b>Copper, total recoverable</b>	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
01268	<b>Antimony, total recoverable</b>	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
71901	<b>Mercury, total recoverable</b>	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Effluent limitations for discharge 011T-22 do not apply until landfill leachate starts discharging through this outfall.

**Attachments**

No attachments.

**Report Last Saved By**

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:12 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3115	=	0.752	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.05	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.											<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 09:12 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-01-23 10:18 (Time Zone: -05:00)

## DMR Copy of Record

Permit																		
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	012 Internal Outfall	Discharge:	012-4 Unit #4 Cooling Tower Blowdown															
Report Dates & Status																		
Monitoring Period:	From 01/01/22 to 12/31/22					DMR Due Date:	01/28/23					Status:	NetDMR Validated					
Considerations for Form Completion																		
Principal Executive Officer																		
First Name:	Todd					Title:	Sr. Environmental Engineer					Telephone:	859-745-9212					
Last Name:	Svoboda																	
No Data Indicator (NODI)																		
Form NODI:	--																	
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--	Sample					=	0.0061			=	0.0061	19 - mg/L	01/YR - Annual	GR - GRAB
					Permit Req.					<=	0.2 MO AVG			<=	0.2 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Value NODI													
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample					=	0.0103			=	0.0103	19 - mg/L	01/YR - Annual	GR - GRAB
					Permit Req.					<=	1.0 MO AVG			<=	1.0 DAILY MX	19 - mg/L	01/YR - Annual	GR - GRAB
					Value NODI													
50008	Priority Pollutants	1 - Effluent Gross	0	--	Sample					<=	0.0 MO AVG			<=	0.0 DAILY MX	19 - mg/L	01/YR - Annual	CA - CALCTD
					Permit Req.													
					Value NODI						B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection			
Submission Note																		
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																		
Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
												Name	Type	Size				
												2022-Spurlock-Outfall-002-003-010-012-PP.pdf	pdf	881704.0				
Report Last Saved By																		
<b>East Kentucky Power Coop - Spurlock Station</b>																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 09:12 (Time Zone: -05:00)																	
Report Last Signed By																		
User:	TODDSVOBODA																	
Name:	Todd Svoboda																	
E-Mail:	todd.svoboda@ekpc.coop																	
Date/Time:	2023-01-23 10:18 (Time Zone: -05:00)																	

DMR Copy of Record

**Permit**  
 Permit #: **KY0022250** | Permittee: East Kentucky Power Coop - Spurlock Station | Facility: EAST KENTUCKY POWER COOP - SPURLOCK STATION  
 Major: Yes | Permittee Address: 4775 Lexington Rd Winchester, KY 40391 | Facility Location: KY 8 MAYSVILLE, KY 41056  
 Permitted Feature: 001T External Outfall | Discharge: 001T-11 Current - Discharge From The Secondary Lagoon  
**Report Dates & Status**  
 Monitoring Period: From 01/01/23 to 01/31/23 | DMR Due Date: 02/28/23 | Status: NetDMR Validated

**Principal Executive Officer**  
 First Name: Todd | Title: Sr. Environmental Engineer | Telephone: 859-745-9212  
 Last Name: Svoboda

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**  
 Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
 No attachments.

**Report Last Saved By**  
 East Kentucky Power Coop - Spurlock Station  
 User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-02-20 09:01 (Time Zone: -05:00)  
**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)





Sample	Permit Req.	Value NODI																								
01079	Silver total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Value NODI																					
					Sample																					
					Permit Req.																					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
2023-01-Spurlock-001-WET.pdf	pdf	358721.0

**Report Last Saved By**

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA

Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:03 (Time Zone: -05:00)

***Report Last Signed By***

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall S-001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	1/4/23 @15:00 1/5/23 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>	
Permit #: <b>KY0022250</b>	Permittee: East Kentucky Power Coop - Spurlock Station
Major: Yes	Permittee Address: 4775 Lexington Rd Winchester, KY 40391
Facility: EAST KENTUCKY POWER COOP - SPURLOCK STATION	Facility Location: KY 8 MAYSVILLE, KY 41056
Permitted Feature: 001T External Outfall	Discharge: <b>001T-31</b> Future - Discharge From The Secondary Lagoon

<b>Report Dates &amp; Status</b>			
Monitoring Period: From 01/01/23 to 01/31/23	DMR Due Date: 02/28/23	Status: NetDMR Validated	

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name: Todd	Title: Sr. Environmental Engineer	Telephone: 859-745-9212	
Last Name: Svoboda			

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.													15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI								Req Mon MO AVG	<=	110.0 DAILY MX		9 - Conditional Monitoring - Not Required This Period			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM							12 - SU	02/30 - Twice Per Month	GR - GRAB
					Value NODI												9 - Conditional Monitoring - Not Required This Period			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG				19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI												9 - Conditional Monitoring - Not Required This Period			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	6.0 MO AVG				19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI												9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:03 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.5423	=	0.629	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.04	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.																
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:03 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4921	=	0.773	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.03						
					Permit Req.												<=	0.2 MO AVG			
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:04 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)



## DMR Copy of Record

Permit																				
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION								
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056								
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater														
Report Dates & Status																				
Monitoring Period:	From 01/01/23 to 01/31/23				DMR Due Date:	02/28/23					Status:	NetDMR Validated								
Considerations for Form Completion																				
Principal Executive Officer																				
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212								
Last Name:	Svoboda																			
No Data Indicator (NODI)																				
Form NODI:	--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	GR - GRAB	
					Permit Req.															
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	GR - GRAB	
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
Submission Note																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
Edit Check Errors																				
No errors.																				
Comments																				
No discharge.																				
Attachments																				
No attachments.																				
Report Last Saved By																				
East Kentucky Power Coop - Spurlock Station																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2023-02-20 09:04 (Time Zone: -05:00)																			
Report Last Signed By																				
User:	TODDSVOBODA																			
Name:	Todd Svoboda																			
E-Mail:	todd.svoboda@ekpc.coop																			
Date/Time:	2023-02-20 09:39 (Time Zone: -05:00)																			

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM				Req Mon MAXIMUM					
					Value NODI						C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge				C - No Discharge					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:05 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.06				=	8.06			12 - SU	01/30 - Monthly	GR - GRAB				
					Permit Req.	>=	6.0 MINIMUM			<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB					
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.161	=	0.161	03 - MGD								01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-02-20 09:05 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample							=	44.7	=	46.0	15 - deg F		01/01 - Daily	GR - GRAB			
					Permit Req.																01/01 - Daily	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.725	=	4.88	03 - MGD								01/01 - Daily	GR - GRAB			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0	9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL				
					Permit Req.																01/07 - Weekly	VI - VISUAL
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:05 (Time Zone: -05:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.2535	=	0.575	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06						
					Permit Req.													<=	0.2 MO AVG			
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:05 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-02-20 09:06 (Time Zone: -05:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/23 to 01/31/23	DMR Due Date:	02/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG	
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3111	=	0.606	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.04						
					Permit Req.											<=	0.2 MO AVG					
					Value NODI														=	0.06	19 - mg/L	01/OC - Once Every Occurance

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:06 (Time Zone: -05:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-02-20 09:39 (Time Zone: -05:00)



**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-11</b> Current - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 02/01/23 to 02/28/23	<b>DMR Due Date:</b>	03/28/23
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB		
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period		
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB		
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.										<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI																	
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.											<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:02 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	001T External Outfall	Discharge:	001T-21 Ash Pond Dewatering		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23	Status:	NetDMR Validated

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample						=	75.4		=	78.0		15 - deg F	05/30 - 5 Times Every Month	GR - GRAB
					Permit Req.								<=	110.0 DAILY MX		15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.92		=	7.97		12 - SU	02/30 - Twice Per Month	GR - GRAB
					Permit Req.					>=	6.0 MINIMUM		<=	9.0 MAXIMUM		12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	7.0		=	7.0		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.					<=	30.0 MO AVG		<=	78.9 DAILY MX		19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample									<=	8.9 MO AVG		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	11.9 DAILY MX					
					Value NODI									B - Below Detection Limit/No Detection					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	733.0		=	733.0		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.0038		=	0.0038		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.0022		=	0.0022		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.					<=	0.307 MO AVG			Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.									Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI									B - Below Detection Limit/No Detection					
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample														
					Permit Req.									Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI									B - Below Detection Limit/No Detection					
01074	Nickel, total recoverable	1 - Effluent	0	--	Sample						=	0.0023		=	0.0023		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	

		Gross			Value NODI																				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI						B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection												
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI																				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI						B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection												
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI						B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection												
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI																				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI																				
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample																				
					Permit Req.																				
					Value NODI																				
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI																				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2.205	=	3.3	03 - MGD											99/99 - Continuous	RC - Recorder (auto)			
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)
					Value NODI																				
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample																				
					Permit Req.																				
					Value NODI																				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample																				
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB									
					Value NODI						B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection												

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
2023-02-Spurlock-001-WET.pdf	pdf	286514.0

**Report Last Saved By**

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:03 (Time Zone: -04:00)

***Report Last Signed By***

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall S-001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	2/01/23 @15:00 2/02/23 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	KY0022250	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	001T-31 Future - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 02/01/23 to 02/28/23	<b>DMR Due Date:</b>	03/28/23
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB
					Value NODI						9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX		03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period												

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:04 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)



**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG	
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4926	=	0.643	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.03							
					Permit Req.												<=	0.2 MO AVG				
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:04 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4361	=	0.669	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.03						
					Permit Req.												<=	0.2 MO AVG			
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

## DMR Copy of Record

Permit																			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION														
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056														
Permitted Feature:	004 Internal Outfall	Discharge:	004-1 Chemical Metal Cleaning Wastewater																
Report Dates & Status																			
Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23	Status:	NetDMR Validated														
Considerations for Form Completion																			
Principal Executive Officer																			
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212														
Last Name:	Svoboda																		
No Data Indicator (NODI)																			
Form NODI:	--																		
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	GR - GRAB
					Permit Req.														
					Value NODI														
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	GR - GRAB
					Permit Req.														
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample													01/BA - Once Per Batch	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI		C - No Discharge		C - No Discharge										
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check Errors																			
No errors.																			
Comments																			
No discharge.																			
Attachments																			
No attachments.																			
Report Last Saved By																			
East Kentucky Power Coop - Spurlock Station																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-03-20 09:05 (Time Zone: -04:00)																		
Report Last Signed By																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-03-20 09:54 (Time Zone: -04:00)																		

DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

No Data Indicator (NODI)  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM					Req Mon MAXIMUM				
					Value NODI						C - No Discharge					C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:05 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.19				=	8.19			12 - SU	01/30 - Monthly	GR - GRAB				
					Permit Req.	>=	6.0 MINIMUM			<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB					
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.054	=	0.054	03 - MGD								01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-03-20 09:06 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

## DMR Copy of Record

### Permit

<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station	<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	009 External Outfall	<b>Discharge:</b>	<b>009-1</b> Raw Water Intake		

### Report Dates & Status

<b>Monitoring Period:</b>	From 02/01/23 to 02/28/23	<b>DMR Due Date:</b>	03/28/23	<b>Status:</b>	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB			
					Permit Req.															01/01 - Daily	GR - GRAB	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.422	=	8.48	03 - MGD								01/01 - Daily	GR - GRAB			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/01 - Daily	GR - GRAB	
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL			
					Permit Req.																01/07 - Weekly	VI - VISUAL
					Value NODI																	

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-03-20 09:06 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.2183	=	0.731	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06						
					Permit Req.													<=	0.2 MO AVG			
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)



## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23	Status:	NetDMR Validated
--------------------	---------------------------	---------------	----------	---------	------------------

### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX		03 - MGD								01/30 - Monthly	IN - INSTAN
					Value NODI														

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-03-20 09:07 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	03/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1325	=	0.813	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.03	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-03-20 09:54 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	001T External Outfall	Discharge:	001T-11 Current - Discharge From The Secondary Lagoon
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

<b>Considerations for Form Completion</b>			
<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.										<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI														9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.										<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI														9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period												

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: jared.daugherty@ekpc.coop  
Name: Jared Daugherty  
E-Mail: jared.daugherty@ekpc.coop  
Date/Time: 2023-04-11 13:34 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station	<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-12</b> Current - Discharge From The Secondary Lagoon		

**Report Dates & Status**

<b>Monitoring Period:</b>	<b>From 01/01/23 to 03/31/23</b>	<b>DMR Due Date:</b>	<b>04/28/23</b>	<b>Status:</b>	<b>NetDMR Validated</b>
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**Considerations for Form Completion**

**Principal Executive Officer**

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3
00981	<b>Selenium, total recoverable</b>	1 - Effluent Gross	0	--	Sample													
					Permit Req.						<=	0.307 MO AVG			Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period			
00982	<b>Thallium, total recoverable</b>	1 - Effluent Gross	0	--	Sample													
					Permit Req.							Req Mon MO AVG			Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period			
01148	<b>Selenium, dry weight</b>	1 - Effluent Gross	0	--	Sample													
					Permit Req.						<=	8.6 MAXIMUM				1L - ug/kg	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period						

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Effluent limitations for discharge 001T-12 no longer apply with commencement of Ash Pond dewatering.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

<b>User:</b>	eric.hamilton@ekpc.coop
<b>Name:</b>	Eric Hamilton
<b>E-Mail:</b>	eric.hamilton@ekpc.coop
<b>Date/Time:</b>	2023-04-17 09:01 (Time Zone: -04:00)

**Report Last Signed By**

<b>User:</b>	TODDSVOBODA
<b>Name:</b>	Todd Svoboda
<b>E-Mail:</b>	todd.svoboda@ekpc.coop
<b>Date/Time:</b>	2023-04-17 13:49 (Time Zone: -04:00)



01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Req. Value NODI											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											= 0.0012	= 0.0012	19 - mg/L	01/30 - Monthly	GR - GRAB
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												<= 8.6 MAXIMUM	69 - mg/kg	01/30 - Monthly	GR - GRAB
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											= 0.0012	= 0.0012	19 - mg/L	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	= 2.663	= 4.53	03 - MGD								Req Mon MO AVG	Req Mon DAILY MX	03 - MGD	99/99 - Continuous	RC - Recorder (auto)
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												< 1.0	2F - tox acute	01/30 - Monthly	GR - GRAB
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
2023-03-Spurlock-001-WET.pdf	pdf	287067.0

Report Last Saved By

**East Kentucky Power Coop - Spurlock Station**

User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:04 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)





# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall S-001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	3/01/23 @15:00 3/02/23 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>					
<b>Permit #:</b>	KY0022250	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station	<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	001T-31 Future - Discharge From The Secondary Lagoon		
<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	From 03/01/23 to 03/31/23	<b>DMR Due Date:</b>	04/28/23	<b>Status:</b>	NetDMR Validated
<b>Considerations for Form Completion</b>					

<b>Principal Executive Officer</b>					
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				
<b>No Data Indicator (NODI)</b>					
<b>Form NODI:</b>	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**  
 Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
 No attachments.

**Report Last Saved By**  
 East Kentucky Power Coop - Spurlock Station

User: eric.hamilton@ekpc.coop  
 Name: Eric Hamilton  
 E-Mail: eric.hamilton@ekpc.coop  
 Date/Time: 2023-04-17 09:04 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 001T External Outfall		<b>Discharge:</b> 001T-32 Future - Discharge From The Secondary Lagoon					

### Report Dates & Status

<b>Monitoring Period:</b> From 01/01/23 to 03/31/23	<b>DMR Due Date:</b> 04/28/23	<b>Status:</b> NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample												
					Permit Req.						<=	0.307 MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample												
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample												
					Permit Req.						<=	8.6 MAXIMUM		1L - ug/kg	01/90 - Quarterly	GR - GRAB	
					Value NODI							9 - Conditional Monitoring - Not Required This Period					

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 001T-32 do not apply until completion of Ash Pond dewatering.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: jared.daugherty@ekpc.coop  
 Name: Jared Daugherty  
 E-Mail: jared.daugherty@ekpc.coop  
 Date/Time: 2023-04-11 13:37 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.2744	=	0.583	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.05	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.																
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.525	=	1.45	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.02	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

### Permit

<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station	<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	004 Internal Outfall	<b>Discharge:</b>	<b>004-1</b> Chemical Metal Cleaning Wastewater		

### Report Dates & Status

<b>Monitoring Period:</b>	From 03/01/23 to 03/31/23	<b>DMR Due Date:</b>	04/28/23	<b>Status:</b>	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample																
					Permit Req.								<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L	01/BA - Once Per Batch	GR - GRAB		
					Value NODI																
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample																
					Permit Req.								<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L	01/BA - Once Per Batch	GR - GRAB		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/BA - Once Per Batch	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge												

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

No discharge.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: eric.hamilton@ekpc.coop  
 Name: Eric Hamilton  
 E-Mail: eric.hamilton@ekpc.coop  
 Date/Time: 2023-04-17 09:06 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM					Req Mon MAXIMUM				
					Value NODI						C - No Discharge					C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				



**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:06 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Permit #:</b> KY0022250	<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056		
<b>Permitted Feature:</b> 006 External Outfall	<b>Discharge:</b> 006-1 Stormwater Runoff				

### Report Dates & Status

<b>Monitoring Period:</b> From 01/01/23 to 03/31/23	<b>DMR Due Date:</b> 04/28/23	<b>Status:</b> NetDMR Validated
---	-------------------------------	---------------------------------

### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.92				=	7.92			12 - SU	01/90 - Quarterly	GR - GRAB		
					Permit Req.														
					Value NODI														
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB		
					Value NODI								B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.							<=	10.0 MO AVG	<=	15.0 DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Value NODI									B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.762	=	0.762	03 - MGD									
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI														

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: eric.hamilton@ekpc.coop  
 Name: Eric Hamilton  
 E-Mail: eric.hamilton@ekpc.coop  
 Date/Time: 2023-04-17 09:07 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	007 External Outfall	Discharge:	007-1 Reverse Osmosis Reject
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.91				=	7.91			12 - SU	01/90 - Quarterly	GR - GRAB			
					Permit Req.	>=	6.0 MINIMUM						<=	9.0 MAXIMUM			12 - SU	01/90 - Quarterly	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.						<=	30.0 MO AVG		<=	100.0 DAILY MX		19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.							<=	15.0 MO AVG		<=	20.0 DAILY MX		MG - mg/g	01/90 - Quarterly	GR - GRAB
					Value NODI															
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.16	=	0.16	03 - MGD										
					Permit Req.															
					Value NODI															

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:08 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA

Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample					=	8.37			=	8.37	12 - SU	01/30 - Monthly	GR - GRAB			
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB			
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.107	=	0.107	03 - MGD								01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: eric.hamilton@ekpc.coop  
 Name: Eric Hamilton  
 E-Mail: eric.hamilton@ekpc.coop  
 Date/Time: 2023-04-17 09:08 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
<b>Permit #:</b>	KY0022250	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	008 External Outfall	<b>Discharge:</b>	<b>008-2</b> Coal Combustion Residual Landfill Leachate and Stormwater Runoff
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

<b>Monitoring Period:</b>	From 01/01/23 to 03/31/23	<b>DMR Due Date:</b>	04/28/23	<b>Status:</b>	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample						=	10.6	=	10.6	28 - ug/L	01/90 - Quarterly	GR - GRAB			
					Permit Req.														01/90 - Quarterly	GR - GRAB
					Value NODI															
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.84	=	0.84	28 - ug/L	01/90 - Quarterly	GR - GRAB			
					Permit Req.														01/90 - Quarterly	GR - GRAB
					Value NODI															

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: eric.hamilton@ekpc.coop  
 Name: Eric Hamilton  
 E-Mail: eric.hamilton@ekpc.coop  
 Date/Time: 2023-04-17 09:09 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB				
					Permit Req.																01/01 - Daily	GR - GRAB	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.857	=	8.45	03 - MGD									01/01 - Daily	GR - GRAB			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												01/01 - Daily	GR - GRAB
					Value NODI																		
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL				
					Permit Req.																	01/07 - Weekly	VI - VISUAL
					Value NODI																		

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:09 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG				<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0891	=	0.586	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample																
					Permit Req.							<=	0.2 MO AVG			<=	0.5 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period				

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No chlorine added.

**Attachments**  
No attachments.

**Report Last Saved By**  
*East Kentucky Power Coop - Spurlock Station*

User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:11 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)



## DMR Copy of Record

<b>Permit</b>																						
Permit #: <b>KY0022250</b>		Permittee: East Kentucky Power Coop - Spurlock Station								Facility: EAST KENTUCKY POWER COOP - SPURLOCK STATION												
Major: Yes		Permittee Address: 4775 Lexington Rd Winchester, KY 40391								Facility Location: KY 8 MAYSVILLE, KY 41056												
Permitted Feature: 011T External Outfall		Discharge: <b>011T-12</b> Tier 1 - Coal Combustion Residual Landfill Stormwater Runoff																				
<b>Report Dates &amp; Status</b>																						
Monitoring Period: From 01/01/23 to 03/31/23		DMR Due Date: 04/28/23								Status: NetDMR Validated												
<b>Considerations for Form Completion</b>																						
<b>Principal Executive Officer</b>																						
First Name: Todd		Title: Sr. Environmental Engineer								Telephone: 859-745-9212												
Last Name: Svoboda																						
<b>No Data Indicator (NODI)</b>																						
Form NODI: --																						
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.05			=	8.05	12 - SU	01/90 - Quarterly	GR - GRAB			
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/90 - Quarterly	GR - GRAB			
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											<=	100.0 DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB		
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.112	=	0.112	03 - MGD									01/90 - Quarterly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/90 - Quarterly	IN - INSTAN
					Value NODI																	
<b>Submission Note</b>																						
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																						
<b>Edit Check Errors</b>																						
No errors.																						
<b>Comments</b>																						
<b>Attachments</b>																						
No attachments.																						
<b>Report Last Saved By</b>																						
East Kentucky Power Coop - Spurlock Station																						
User:		eric.hamilton@ekpc.coop																				
Name:		Eric Hamilton																				
E-Mail:		eric.hamilton@ekpc.coop																				
Date/Time:		2023-04-17 09:11 (Time Zone: -04:00)																				
<b>Report Last Signed By</b>																						
User:		TODDSVOBODA																				
Name:		Todd Svoboda																				
E-Mail:		todd.svoboda@ekpc.coop																				
Date/Time:		2023-04-17 13:49 (Time Zone: -04:00)																				

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period	
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: eric.hamilton@ekpc.coop  
 Name: Eric Hamilton  
 E-Mail: eric.hamilton@ekpc.coop  
 Date/Time: 2023-04-17 09:13 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	011T External Outfall	<b>Discharge:</b>	<b>011T-22</b> Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 01/01/23 to 03/31/23	<b>DMR Due Date:</b>	04/28/23
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample													19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					

01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
	Value NODI				Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
	Value NODI				Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
	Value NODI				Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
	Value NODI				Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			
	Value NODI				Sample											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period			

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Effluent limitations for discharge 011T-22 do not apply until landfill leachate starts discharging through this outfall.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: eric.hamilton@ekpc.coop  
Name: Eric Hamilton  
E-Mail: eric.hamilton@ekpc.coop  
Date/Time: 2023-04-17 09:13 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.202	=	0.543	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.06	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: jared.daugherty@ekpc.coop  
Name: Jared Daugherty  
E-Mail: jared.daugherty@ekpc.coop  
Date/Time: 2023-04-11 13:42 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-04-17 13:49 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>	
<b>Permit #:</b> KY0022250	<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station
<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b> 001T External Outfall	<b>Discharge:</b> 001T-11 Current - Discharge From The Secondary Lagoon
<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056	
<b>Report Dates &amp; Status</b>	
<b>Monitoring Period:</b> From 04/01/23 to 04/30/23	<b>DMR Due Date:</b> 05/28/23
<b>Status:</b> NetDMR Validated	
<b>Considerations for Form Completion</b>	

<b>Principal Executive Officer</b>	
<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer
<b>Last Name:</b> Svoboda	<b>Telephone:</b> 859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 3	Value 3
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB	
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM		<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI						9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.							<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.							<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period										

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:01 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)





		Gross			Value NODI																	
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.					Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L		01/30 - Monthly		GR - GRAB				
					Value NODI					B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection										
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						= 0.025		= 0.025			19 - mg/L		01/30 - Monthly		GR - GRAB		
					Permit Req.					Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L		01/30 - Monthly		GR - GRAB				
					Value NODI																	
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						= 0.00026		= 0.00026			19 - mg/L		01/30 - Monthly		GR - GRAB		
					Permit Req.					Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L		01/30 - Monthly		GR - GRAB				
					Value NODI																	
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.					Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L		01/30 - Monthly		GR - GRAB				
					Value NODI					B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection										
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.					Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L		01/30 - Monthly		GR - GRAB				
					Value NODI					B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection										
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						= 0.0043		= 0.0043			19 - mg/L		01/30 - Monthly		GR - GRAB		
					Permit Req.					Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L		01/30 - Monthly		GR - GRAB				
					Value NODI																	
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample						= 0.0013		= 0.0013			19 - mg/L		01/30 - Monthly		GR - GRAB		
					Permit Req.					Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L		01/30 - Monthly		GR - GRAB				
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.046	=	6.14										99/99 - Continuous	RC - Recorder (auto)		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX												99/99 - Continuous	RC - Recorder (auto)
					Value NODI																	
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
2023-04-Spurlock-001-WET.pdf	pdf	358972.0

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:02 (Time Zone: -04:00)

***Report Last Signed By***

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall S-001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	4/4/23 @15:00 4/5/23 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

## DMR Copy of Record

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-31</b> Future - Discharge From The Secondary Lagoon
<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION			
<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 04/01/23 to 04/30/23	<b>DMR Due Date:</b>	05/28/23
<b>Status:</b>		NetDMR Validated	
<b>Considerations for Form Completion</b>			

### Principal Executive Officer

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.															
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		03 - MGD								99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-05-19 09:02 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3789	=	0.724	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.05	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:04 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.184	=	1.03	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.03					
					Permit Req.												<=	0.2 MO AVG			
					Value NODI														=	0.04	19 - mg/L

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:04 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

## DMR Copy of Record

Permit																					
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater															
Report Dates & Status																					
Monitoring Period:	From 04/01/23 to 04/30/23				DMR Due Date:	05/28/23					Status:	NetDMR Validated									
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212									
Last Name:	Svoboda																				
No Data Indicator (NODI)																					
Form NODI:	--																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units					
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample															01/BA - Once Per Batch	GR - GRAB
					Permit Req.																
					Value NODI																
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample															01/BA - Once Per Batch	GR - GRAB
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															01/BA - Once Per Batch	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI		C - No Discharge		C - No Discharge												
Submission Note																					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																					
Edit Check Errors																					
No errors.																					
Comments																					
No discharge.																					
Attachments																					
No attachments.																					
Report Last Saved By																					
<b>East Kentucky Power Coop - Spurlock Station</b>																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2023-05-19 09:04 (Time Zone: -04:00)																				
Report Last Signed By																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2023-05-19 10:10 (Time Zone: -04:00)																				



DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

No Data Indicator (NODI)  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM					Req Mon MAXIMUM				
					Value NODI						C - No Discharge					C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:05 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.45				=	8.45			12 - SU	01/30 - Monthly	GR - GRAB	
					Permit Req.	>=	6.0 MINIMUM			<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					=	6.0			19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.					<=	30.0 MO AVG			<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample													
					Permit Req.					<=	15.0 MO AVG			<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.13	=	0.13	03 - MGD						01/30 - Monthly	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD						01/30 - Monthly	IN - INSTAN	
					Value NODI													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB			
					Permit Req.																01/01 - Daily	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.696	=	8.8	03 - MGD									01/01 - Daily	GR - GRAB		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL			
					Permit Req.																01/07 - Weekly	VI - VISUAL
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1644	=	0.916	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.08	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab		
					Permit Req.											<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-05-19 09:07 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.2862	=	0.551	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.07						
					Permit Req.												<=	0.2 MO AVG				
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 09:08 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-05-19 10:10 (Time Zone: -04:00)

# DMR Copy of Record

## Permit

<b>Permit #:</b>	KY0022250	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station	<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	001T-11 Current - Discharge From The Secondary Lagoon		

## Report Dates & Status

<b>Monitoring Period:</b>	From 05/01/23 to 05/31/23	<b>DMR Due Date:</b>	06/28/23	<b>Status:</b>	NetDMR Validated
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## Considerations for Form Completion

## Principal Executive Officer

<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer	<b>Telephone:</b>	859-745-9212
<b>Last Name:</b>	Svoboda				

## No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.													15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI									Req Mon MO AVG	<=	110.0 DAILY MX				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM		12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI									9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	78.9 DAILY MX		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period		
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	8.9 MO AVG	<=	11.9 DAILY MX		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		03 - MGD								99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

## Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

## Edit Check Errors

No errors.

## Comments

Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

## Attachments

No attachments.

## Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-06-21 09:01 (Time Zone: -04:00)

## Report Last Signed By



User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	001T External Outfall	Discharge:	001T-21 Ash Pond Dewatering		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23	Status:	NetDMR Validated

Considerations for Form Completion

<b>Principal Executive Officer</b>					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample						=	77.8			=	88.0	15 - deg F	06/30 - Six Per Month	GR - GRAB				
					Permit Req.																	02/30 - Twice Per Month	GR - GRAB
					Value NODI																		
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.01			=	8.09	12 - SU	02/30 - Twice Per Month	GR - GRAB				
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB				
					Value NODI																		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	9.0			=	12.0	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
					Permit Req.						<=	30.0 MO AVG			<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
					Value NODI																		
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
					Permit Req.						<=	8.9 MO AVG			<=	11.9 DAILY MX	19 - mg/L						
					Value NODI							B - Below Detection Limit/No Detection				B - Below Detection Limit/No Detection							
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	772.0			=	772.0	19 - mg/L	01/30 - Monthly	GR - GRAB				
					Permit Req.																01/30 - Monthly	GR - GRAB	
					Value NODI																		
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.003			=	0.003	19 - mg/L	01/30 - Monthly	GR - GRAB				
					Permit Req.																	01/30 - Monthly	GR - GRAB
					Value NODI																		
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.0017			=	0.0017	19 - mg/L	01/30 - Monthly	GR - GRAB				
					Permit Req.						<=	0.307 MO AVG										01/30 - Monthly	GR - GRAB
					Value NODI																		
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.00214			=	0.00214	19 - mg/L	01/30 - Monthly	GR - GRAB				
					Permit Req.																	01/30 - Monthly	GR - GRAB
					Value NODI																		
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/30 - Monthly	GR - GRAB				
					Permit Req.																		
					Value NODI											B - Below Detection Limit/No Detection			B - Below Detection Limit/No Detection				
01074	Nickel, total recoverable	1 - Effluent	0	--	Sample						=	0.0113			=	0.0113	19 - mg/L	01/30 - Monthly	GR - GRAB				
					Permit Req.																	01/30 - Monthly	GR - GRAB



Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-21 09:02 (Time Zone: -04:00)

***Report Last Signed By***

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	5/03/23 @15:00 5/04/23 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	001T External Outfall	Discharge:	001T-31 Future - Discharge From The Secondary Lagoon
<b>Facility:</b>		<b>EAST KENTUCKY POWER COOP - SPURLOCK STATION</b>	
<b>Facility Location:</b>		KY 8 MAYSVILLE, KY 41056	
<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23
<b>Status:</b>		<b>NetDMR Validated</b>	
<b>Considerations for Form Completion</b>			

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB		
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period		
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB		
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.										<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI																	
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.											<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)	
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-21 09:02 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI:	--
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Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.6594	=	0.872	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.04	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent is dechlorinated.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-06-21 09:03 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)



## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1368	=	0.791	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.04	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-21 09:03 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

## DMR Copy of Record

Permit																					
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater															
Report Dates & Status																					
Monitoring Period:	From 05/01/23 to 05/31/23				DMR Due Date:	06/28/23					Status:	NetDMR Validated									
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212									
Last Name:	Svoboda																				
No Data Indicator (NODI)																					
Form NODI:	--																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units		
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	GR - GRAB	
					Permit Req.																
					Value NODI																
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	GR - GRAB	
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI		C - No Discharge		C - No Discharge												
Submission Note																					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																					
Edit Check Errors																					
No errors.																					
Comments																					
No discharge.																					
Attachments																					
No attachments.																					
Report Last Saved By																					
East Kentucky Power Coop - Spurlock Station																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2023-06-21 09:03 (Time Zone: -04:00)																				
Report Last Signed By																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2023-06-23 13:39 (Time Zone: -04:00)																				

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM				Req Mon MAXIMUM					
					Value NODI						C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge				C - No Discharge					
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						C - No Discharge				C - No Discharge					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-21 09:03 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.15				=	8.41				12 - SU	02/30 - Twice Per Month	GR - GRAB			
					Permit Req.	>=	6.0 MINIMUM						<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample																
					Permit Req.						<=	30.0 MO AVG		<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample																
					Permit Req.							<=	15.0 MO AVG		<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0585	=	0.081	03 - MGD								02/30 - Twice Per Month	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-06-21 09:04 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB				
					Permit Req.																01/01 - Daily	GR - GRAB	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.134	=	7.96	03 - MGD								01/01 - Daily	GR - GRAB				
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB	
					Value NODI																		
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0		9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL				
					Permit Req.																	01/07 - Weekly	VI - VISUAL
					Value NODI																		

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-21 09:04 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG	
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.221	=	0.643	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.05							
					Permit Req.											<=	0.2 MO AVG					
					Value NODI														=	0.09	19 - mg/L	01/OC - Once Every Occurance

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-21 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	011T External Outfall	Discharge:	011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-06-21 09:05 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)



**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3348	=	0.527	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.04	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.													<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-21 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-06-23 13:39 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 001T External Outfall		<b>Discharge:</b> 001T-11 Current - Discharge From The Secondary Lagoon					

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 06/01/23 to 06/30/23		<b>DMR Due Date:</b> 07/28/23		<b>Status:</b> NetDMR Validated	
----------------------------------	--	---	--	-------------------------------	--	---------------------------------	--

**Considerations for Form Completion**

<b>Principal Executive Officer</b>		<b>First Name:</b> Todd		<b>Title:</b> Sr. Environmental Engineer		<b>Telephone:</b> 859-745-9212	
		<b>Last Name:</b> Svoboda					

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period												

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:02 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>																			
Permit #: <b>KY0022250</b>	Permittee: East Kentucky Power Coop - Spurlock Station																		
Major: Yes	Permittee Address: 4775 Lexington Rd Winchester, KY 40391																		
Permitted Feature: 001T External Outfall	Discharge: <b>001T-12</b> Current - Discharge From The Secondary Lagoon																		
<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION																			
<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056																			
<b>Report Dates &amp; Status</b>																			
Monitoring Period: <b>From 04/01/23 to 06/30/23</b>	DMR Due Date: <b>07/28/23</b>																		
Status: <b>NetDMR Validated</b>																			
<b>Considerations for Form Completion</b>																			
<b>Principal Executive Officer</b>																			
First Name: Todd	Title: Sr. Environmental Engineer																		
Last Name: Svoboda	Telephone: 859-745-9212																		
<b>No Data Indicator (NODI)</b>																			
Form NODI: --																			
Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type				
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00981	<b>Selenium, total recoverable</b>	1 - Effluent Gross	0	--	Sample														
					Permit Req.														
					Value NODI														
00982	<b>Thallium, total recoverable</b>	1 - Effluent Gross	0	--	Sample														
					Permit Req.														
					Value NODI														
01148	<b>Selenium, dry weight</b>	1 - Effluent Gross	0	--	Sample														
					Permit Req.														
					Value NODI														
<b>Submission Note</b>																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
<b>Edit Check Errors</b>																			
No errors.																			
<b>Comments</b>																			
Effluent limitations for discharge 001T-12 no longer apply with commencement of Ash Pond dewatering.																			
<b>Attachments</b>																			
No attachments.																			
<b>Report Last Saved By</b>																			
<b>East Kentucky Power Coop - Spurlock Station</b>																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-07-13 10:03 (Time Zone: -04:00)																		
<b>Report Last Signed By</b>																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-07-14 14:15 (Time Zone: -04:00)																		



01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Permit Req.													Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Value NODI																					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.															Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI															B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI																B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI																B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI																B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																= 0.0011	=	0.0011	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI																Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																= 0.0045	=	0.0045	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI																Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample Permit Req.																					
					Value NODI																					
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																					
					Value NODI																B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.																					
					Value NODI																					
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req.																					
					Value NODI																					
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.																					
					Value NODI																					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
2023-06-Spurlock-001-WET.pdf	pdf	355597.0

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:04 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	6/07/23 @15:00 6/08/23 @6:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>	<b>&lt; 1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director



**DMR Copy of Record**

<b>Permit</b>	
Permit #: <b>KY0022250</b>	Permittee: East Kentucky Power Coop - Spurlock Station
Major: Yes	Permittee Address: 4775 Lexington Rd Winchester, KY 40391
Facility: EAST KENTUCKY POWER COOP - SPURLOCK STATION	Facility Location: KY 8 MAYSVILLE, KY 41056
Permitted Feature: 001T External Outfall	Discharge: <b>001T-31</b> Future - Discharge From The Secondary Lagoon
<b>Report Dates &amp; Status</b>	
Monitoring Period: From 06/01/23 to 06/30/23	DMR Due Date: 07/28/23
Status: NetDMR Validated	
<b>Considerations for Form Completion</b>	

<b>Principal Executive Officer</b>	
First Name: Todd	Title: Sr. Environmental Engineer
Last Name: Svoboda	Telephone: 859-745-9212

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.								Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM		<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.							<=	30.0 MO AVG	<=	66.7 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.							<=	6.0 MO AVG	<=	8.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period										

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:04 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 001T External Outfall		<b>Discharge:</b> 001T-32 Future - Discharge From The Secondary Lagoon					

### Report Dates & Status

<b>Monitoring Period:</b> From 04/01/23 to 06/30/23	<b>DMR Due Date:</b> 07/28/23	<b>Status:</b> NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample												
					Permit Req.						<=	0.307 MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample												
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
01148	Selenium, dry weight	1 - Effluent Gross	0	--	Sample												
					Permit Req.						<=	8.6 MAXIMUM		1L - ug/kg	01/90 - Quarterly	GR - GRAB	
					Value NODI							9 - Conditional Monitoring - Not Required This Period					

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 001T-32 do not apply until completion of Ash Pond dewatering.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-13 10:04 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG		
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.7485	=	0.868	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.09	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab		
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent is dechlorinated.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-13 10:05 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.026	=	0.428	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.07	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

Permit																					
Permit #:	KY0022250				Permittee:	East Kentucky Power Coop - Spurlock Station					Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes				Permittee Address:	4775 Lexington Rd Winchester, KY 40391					Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	004 Internal Outfall				Discharge:	004-1 Chemical Metal Cleaning Wastewater															
Report Dates & Status																					
Monitoring Period:	From 06/01/23 to 06/30/23				DMR Due Date:	07/28/23					Status:	NetDMR Validated									
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	Todd				Title:	Sr. Environmental Engineer					Telephone:	859-745-9212									
Last Name:	Svoboda																				
No Data Indicator (NODI)																					
Form NODI:	--																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units					
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample																
					Permit Req.								<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - GRAB	
					Value NODI									C - No Discharge		C - No Discharge					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample																
					Permit Req.								<=	1.0 MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - GRAB	
					Value NODI									C - No Discharge		C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										01/BA - Once Per Batch	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge												
Submission Note																					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																					
Edit Check Errors																					
No errors.																					
Comments																					
No discharge.																					
Attachments																					
No attachments.																					
Report Last Saved By																					
East Kentucky Power Coop - Spurlock Station																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2023-07-13 10:05 (Time Zone: -04:00)																				
Report Last Signed By																					
User:	TODDSVOBODA																				
Name:	Todd Svoboda																				
E-Mail:	todd.svoboda@ekpc.coop																				
Date/Time:	2023-07-14 14:15 (Time Zone: -04:00)																				

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM					Req Mon MAXIMUM				
					Value NODI						C - No Discharge					C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:06 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)



## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	006 External Outfall	Discharge:	006-1 Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 06/30/23	DMR Due Date:	07/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.33				=	8.33			12 - SU	01/90 - Quarterly	GR - GRAB		
					Permit Req.		Req Mon MINIMUM							12 - SU	01/90 - Quarterly	GR - GRAB			
					Value NODI														
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								<=	10.0 MO AVG	<=	15.0 DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.														
					Value NODI							B - Below Detection Limit/No Detection		B - Below Detection Limit/No Detection					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.195	=	0.195	03 - MGD								01/90 - Quarterly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI														

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:07 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	007 External Outfall	Discharge:	007-1 Reverse Osmosis Reject
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/23 to 06/30/23	DMR Due Date:	07/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.81				=	7.81				12 - SU	01/90 - Quarterly	GR - GRAB		
					Permit Req.	>=	6.0 MINIMUM						<=	9.0 MAXIMUM			12 - SU	01/90 - Quarterly	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												01/90 - Quarterly	GR - GRAB		
					Permit Req.							<=	30.0 MO AVG			<=	100.0 DAILY MX	19 - mg/L		
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.029	=	0.029	03 - MGD								01/90 - Quarterly	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI															

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA

Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample					=	8.2			=	8.2	12 - SU	01/30 - Monthly	GR - GRAB	
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							=	11.0		=	11.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						<=	30.0 MO AVG		<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.						<=	15.0 MO AVG		<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI							B - Below Detection Limit/No Detection			B - Below Detection Limit/No Detection				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.053	=	0.053	03 - MGD							01/30 - Monthly	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							01/30 - Monthly	IN - INSTAN	
					Value NODI														

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-13 10:07 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

### Permit

<b>Permit #:</b> KY0022250	<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station	<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION
<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056
<b>Permitted Feature:</b> 008 External Outfall	<b>Discharge:</b> 008-2 Coal Combustion Residual Landfill Leachate and Stormwater Runoff	

### Report Dates & Status

<b>Monitoring Period:</b> From 04/01/23 to 06/30/23	<b>DMR Due Date:</b> 07/28/23	<b>Status:</b> NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type					
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1				Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample						=	5.45	=	6.0	28 - ug/L	02/90 - Twice Every Quarter	GR - GRAB		
					Permit Req.													01/90 - Quarterly	GR - GRAB
					Value NODI														
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.32	=	0.33	28 - ug/L	02/90 - Twice Every Quarter	GR - GRAB		
					Permit Req.													01/90 - Quarterly	GR - GRAB
					Value NODI														

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-13 10:08 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

Permit					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

Report Dates & Status					
Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23	Status:	NetDMR Validated

### Considerations for Form Completion

Principal Executive Officer					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													01/01 - Daily	GR - GRAB				
					Permit Req.																01/01 - Daily	GR - GRAB	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.18	=	4.47	03 - MGD									01/01 - Daily	GR - GRAB			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB	
					Value NODI																		
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0			9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL			
					Permit Req.																	01/07 - Weekly	VI - VISUAL
					Value NODI																		

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:08 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

### Report Dates & Status

Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23	Status:	NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4085	=	0.708	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.07	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.																
					Value NODI																

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent is dechlorinated.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-13 10:09 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

Permit																			
Permit #:	KY0022250			Permittee:	East Kentucky Power Coop - Spurlock Station				Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION									
Major:	Yes			Permittee Address:	4775 Lexington Rd Winchester, KY 40391				Facility Location:	KY 8 MAYSVILLE, KY 41056									
Permitted Feature:	011T External Outfall			Discharge:	011T-12 Tier 1 - Coal Combustion Residual Landfill Stormwater Runoff														
Report Dates & Status																			
Monitoring Period:	From 04/01/23 to 06/30/23			DMR Due Date:	07/28/23				Status:	NetDMR Validated									
Considerations for Form Completion																			
Principal Executive Officer																			
First Name:	Todd			Title:	Sr. Environmental Engineer				Telephone:	859-745-9212									
Last Name:	Svoboda																		
No Data Indicator (NODI)																			
Form NODI:	--																		
Table Headers																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.36			=	8.36	12 - SU	02/90 - Twice Every Quarter 01/90 - Quarterly	GR - GRAB GR - GRAB
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample									=	12.0	19 - mg/L	02/90 - Twice Every Quarter 01/90 - Quarterly	GR - GRAB GR - GRAB	
					Permit Req.								<=	100.0 DAILY MX	19 - mg/L				
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.25	=	0.25	03 - MGD							02/90 - Twice Every Quarter 01/90 - Quarterly	IN - INSTAN IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI														
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check Errors																			
No errors.																			
Comments																			
Attachments																			
No attachments.																			
Report Last Saved By																			
East Kentucky Power Coop - Spurlock Station																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-07-13 10:09 (Time Zone: -04:00)																		
Report Last Signed By																			
User:	TODDSVOBODA																		
Name:	Todd Svoboda																		
E-Mail:	todd.svoboda@ekpc.coop																		
Date/Time:	2023-07-14 14:15 (Time Zone: -04:00)																		



## DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0022250		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Major:</b> Yes		<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391		<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056			
<b>Permitted Feature:</b> 011T External Outfall		<b>Discharge:</b> 011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff					

### Report Dates & Status

<b>Monitoring Period:</b> From 06/01/23 to 06/30/23	<b>DMR Due Date:</b> 07/28/23	<b>Status:</b> NetDMR Validated
---	-------------------------------	---------------------------------

### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX		03 - MGD								01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-13 10:10 (Time Zone: -04:00)

### Report Last Signed By

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	011T External Outfall	<b>Discharge:</b>	<b>011T-22</b> Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 04/01/23 to 06/30/23	<b>DMR Due Date:</b>	07/28/23
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample													19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00982	Thallium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
00998	Beryllium, total recoverable [as Be]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period					

01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
01268	Antimony, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample															Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req.																		9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Effluent limitations for discharge 011T-22 do not apply until landfill leachate starts discharging through this outfall.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:10 (Time Zone: -04:00)

**Report Last Signed By**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23
Status:	NetDMR Validated		

<b>Considerations for Form Completion</b>			
---	--	--	--

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4165	=	1.07	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.05	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.																	
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-13 10:12 (Time Zone: -04:00)

**Report Last Signed By**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-07-14 14:15 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-11</b> Current - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 07/01/23 to 07/31/23</b>	<b>DMR Due Date:</b>	<b>08/28/23</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon MO AVG	<=	110.0 DAILY MX	15 - deg F	02/30 - Twice Per Month	GR - GRAB
					Value NODI												9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI												9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.									<=	30.0 MO AVG	<=	78.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.									<=	8.9 MO AVG	<=	11.9 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-11 no longer apply with commencement of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:01 (Time Zone: -04:00)

**Report Last Signed By**

User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)







User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:03 (Time Zone: -04:00)

*Report Last Signed By*

User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)



# Aquatic Laboratories, LLC

East KY Power Cooperative  
 PO Box 707 4775 Lexington Rd  
 Winchester, KY 40392

Mr. Eric Hamilton/Jared Daugherty,

Enclosed are the results for the 48-Hour Acute Toxicity Test conducted on **KY0022250** **outfall 001**. A summary of finding is presented below.

Initial Test	Retest	Accelerated Testing				Monthly Test	Annual Test
		1	2	3	4		
						<b>X</b>	

KPDES Permit	<b>KY0022250</b>			
Sample Collection Dates	7/6/23 @15:00 7/7/23 @7:00			
Permit Limit	1.00			
Test Organism	<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
Grabs	Grab1	Grab 2	Grab1	Grab 2
Acute Toxicity Units (TUa)	< <b>1.00</b>	< <b>1.00</b>	< <b>1.00</b>	< <b>1.00</b>
Results	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>	<b>Non-toxic</b>

Sincerely,

*Melanie Howard*

Melanie Howard  
 WET Lab Director

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022250</b>	<b>Permittee:</b>	East Kentucky Power Coop - Spurlock Station
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4775 Lexington Rd Winchester, KY 40391
<b>Permitted Feature:</b>	001T External Outfall	<b>Discharge:</b>	<b>001T-31</b> Future - Discharge From The Secondary Lagoon
<b>Facility:</b>	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
<b>Facility Location:</b>	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 07/01/23 to 07/31/23	<b>DMR Due Date:</b>	08/28/23
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Todd	<b>Title:</b>	Sr. Environmental Engineer
<b>Last Name:</b>	Svoboda	<b>Telephone:</b>	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req.															
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM								
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.									<=	30.0 MO AVG					
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.									<=	6.0 MO AVG					
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon MO AVG													
					Value NODI		9 - Conditional Monitoring - Not Required This Period													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent limitations for discharge 001T-31 do not apply until completion of Ash Pond dewatering.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:03 (Time Zone: -04:00)

**Report Last Signed By**

User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	002 Internal Outfall	Discharge:	002-1 Unit #1 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.8183	=	1.0	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.07	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.																	
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:03 (Time Zone: -04:00)

**Report Last Signed By**  
User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	003 Internal Outfall	Discharge:	003-1 Unit #2 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	1.017	=	1.66	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.04						
					Permit Req.												<=	0.2 MO AVG				
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:04 (Time Zone: -04:00)

**Report Last Signed By**  
User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>																			
Permit #: <b>KY0022250</b>		Permittee: East Kentucky Power Coop - Spurlock Station					Facility: EAST KENTUCKY POWER COOP - SPURLOCK STATION												
Major: Yes		Permittee Address: 4775 Lexington Rd Winchester, KY 40391					Facility Location: KY 8 MAYSVILLE, KY 41056												
Permitted Feature: 004 Internal Outfall		Discharge: <b>004-1</b> Chemical Metal Cleaning Wastewater																	
<b>Report Dates &amp; Status</b>																			
Monitoring Period: From 07/01/23 to 07/31/23					DMR Due Date: 08/28/23					Status: NetDMR Validated									
<b>Considerations for Form Completion</b>																			
<b>Principal Executive Officer</b>																			
First Name: Todd		Title: Sr. Environmental Engineer					Telephone: 859-745-9212												
Last Name: Svoboda																			
<b>No Data Indicator (NODI)</b>																			
Form NODI: --																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample														
					Permit Req.														
					Value NODI														
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample														
					Permit Req.														
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI		C - No Discharge		C - No Discharge										
<b>Submission Note</b>																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
<b>Edit Check Errors</b>																			
No errors.																			
<b>Comments</b>																			
No discharge.																			
<b>Attachments</b>																			
No attachments.																			
<b>Report Last Saved By</b>																			
East Kentucky Power Coop - Spurlock Station																			
User: TODDSVOBODA		Name: Todd Svoboda					E-Mail: todd.svoboda@ekpc.coop												
Date/Time: 2023-08-14 09:04 (Time Zone: -04:00)																			
<b>Report Last Signed By</b>																			
User: SARAHGRL9		Name: Sarah Fraley					E-Mail: sarah.fraley@ekpc.coop												
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)																			

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	005 External Outfall	Discharge:	005-1 Emergency Coal Pile Runoff
Facility:		Facility Location:	EAST KENTUCKY POWER COOP - SPURLOCK STATION KY 8 MAYSVILLE, KY 41056

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units	
00400	pH	1 - Effluent Gross	0	--	Sample													12 - SU	01/DS - Once Per Discharge	GR - GRAB
					Permit Req.						Req Mon MINIMUM					Req Mon MAXIMUM				
					Value NODI						C - No Discharge					C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	50.0 DAILY MX							
					Value NODI						C - No Discharge					C - No Discharge				
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01079	Silver total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/DS - Once Per Discharge	IN - INSTAN	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/DS - Once Per Discharge	GR - GRAB	
					Permit Req.						Req Mon MO AVG					Req Mon DAILY MX				
					Value NODI						C - No Discharge					C - No Discharge				



**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

No discharge.

**Attachments**

No attachments.

**Report Last Saved By**

**East Kentucky Power Coop - Spurlock Station**

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:04 (Time Zone: -04:00)

**Report Last Signed By**

User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	008 External Outfall	Discharge:	008-1 Coal Combustion Residual Landfill Leachate and Stormwater Runoff
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.13				=	8.13			12 - SU	01/30 - Monthly	GR - GRAB			
					Permit Req.	>=	6.0 MINIMUM			<=	9.0 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB				
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	15.0			19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.					<=	30.0 MO AVG			<=	100.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.					<=	15.0 MO AVG			<=	20.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.13	=	0.13	03 - MGD							01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>					
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station	Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391	Facility Location:	KY 8 MAYSVILLE, KY 41056
Permitted Feature:	009 External Outfall	Discharge:	009-1 Raw Water Intake		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23	Status:	NetDMR Validated
<b>Considerations for Form Completion</b>					

<b>Principal Executive Officer</b>					
First Name:	Todd	Title:	Sr. Environmental Engineer	Telephone:	859-745-9212
Last Name:	Svoboda				

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample							=	80.4	=	82.0	15 - deg F		01/01 - Daily	GR - GRAB			
					Permit Req.																01/01 - Daily	GR - GRAB
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	7.852	=	9.03	03 - MGD								01/01 - Daily	GR - GRAB			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											01/01 - Daily	GR - GRAB
					Value NODI																	
85871	Cooling Water Intake Inspection	1 - Effluent Gross	0	--	Sample								=	0.0	9A - pass=0;fail=1		01/07 - Weekly	VI - VISUAL				
					Permit Req.																01/07 - Weekly	VI - VISUAL
					Value NODI																	

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
No attachments.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:05 (Time Zone: -04:00)

**Report Last Signed By**  
User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	010 Internal Outfall	Discharge:	010-1 Unit #3 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample									=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.												<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4919	=	0.868	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample									=	0.08	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
					Permit Req.												<=	0.2 MO AVG	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab
					Value NODI																

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
**East Kentucky Power Coop - Spurlock Station**  
User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:06 (Time Zone: -04:00)

**Report Last Signed By**  
User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> East Kentucky Power Coop - Spurlock Station		<b>Facility:</b> EAST KENTUCKY POWER COOP - SPURLOCK STATION	
<b>Permit #:</b> KY0022250	<b>Major:</b> Yes	<b>Permittee Address:</b> 4775 Lexington Rd Winchester, KY 40391	<b>Facility Location:</b> KY 8 MAYSVILLE, KY 41056		
<b>Permitted Feature:</b> 011T External Outfall	<b>Discharge:</b> 011T-21 Tier 2 - Coal Combustion Residual Landfill Leachate and Stormwater Runoff				

### Report Dates & Status

<b>Monitoring Period:</b> From 07/01/23 to 07/31/23	<b>DMR Due Date:</b> 08/28/23	<b>Status:</b> NetDMR Validated
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### Considerations for Form Completion

### Principal Executive Officer

<b>First Name:</b> Todd	<b>Title:</b> Sr. Environmental Engineer	<b>Telephone:</b> 859-745-9212
<b>Last Name:</b> Svoboda		

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	30.0 MO AVG	<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI	9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period											

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

Effluent limitations for discharge 011T-21 do not apply until landfill leachate starts discharging through this outfall.

### Attachments

No attachments.

### Report Last Saved By

East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
 Name: Todd Svoboda  
 E-Mail: todd.svoboda@ekpc.coop  
 Date/Time: 2023-08-14 09:07 (Time Zone: -04:00)

### Report Last Signed By

User: SARAHGRL9  
 Name: Sarah Fraley  
 E-Mail: sarah.fraley@ekpc.coop  
 Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022250	Permittee:	East Kentucky Power Coop - Spurlock Station
Major:	Yes	Permittee Address:	4775 Lexington Rd Winchester, KY 40391
Permitted Feature:	012 Internal Outfall	Discharge:	012-1 Unit #4 Cooling Tower Blowdown
Facility:	EAST KENTUCKY POWER COOP - SPURLOCK STATION		
Facility Location:	KY 8 MAYSVILLE, KY 41056		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Todd	Title:	Sr. Environmental Engineer
Last Name:	Svoboda	Telephone:	859-745-9212

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units			
04223	Total residual oxidant-discharge time	1 - Effluent Gross	0	--	Sample										=	0.0	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG			
					Permit Req.													<=	120.0 DAILY MX	5B - min/d	01/OC - Once Every Occurance	PL - PMPLOG
					Value NODI																	
34044	Oxidants, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.							Req Mon MO AVG					<=	0.2 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab	
					Value NODI							9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.5453	=	1.05	03 - MGD												
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												
					Value NODI																	
50064	Chlorine, free available	1 - Effluent Gross	0	--	Sample										=	0.06						
					Permit Req.												<=	0.2 MO AVG				
					Value NODI																	
															=	0.07	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			
															<=	0.5 DAILY MX	19 - mg/L	01/OC - Once Every Occurance	MG - Multiple Grab			

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**  
Effluent is dechlorinated.

**Attachments**  
No attachments.

**Report Last Saved By**  
East Kentucky Power Coop - Spurlock Station

User: TODDSVOBODA  
Name: Todd Svoboda  
E-Mail: todd.svoboda@ekpc.coop  
Date/Time: 2023-08-14 09:07 (Time Zone: -04:00)

**Report Last Signed By**  
User: SARAHGRL9  
Name: Sarah Fraley  
E-Mail: sarah.fraley@ekpc.coop  
Date/Time: 2023-08-18 15:02 (Time Zone: -04:00)