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DIRECTOR



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GOVERNOR

Alabama Department of Environmental Management
adem.alabama.gov

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Montgomery, Alabama 36130-1463
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MAR 31 2015

Robert A. Lewis
President
Birmingham Coal & Coke, Inc.
912 Edenton Street
Birmingham, AL 35242

RE: **Outfalls 027 & 044 Relocation Request**
Bear Creek Mine
NPDES Permit No. AL0074373
Franklin County (059)

Dear Mr. Lewis:

The Alabama Department of Environmental Management has received the Outfall Relocation Request letter submitted by Cahaba Contracting & Reclamation, LLC on behalf of Birmingham Coal & Coke, Inc. The Department recorded the document as being received on February 3, 2015.

The request proposes the relocation of Outfalls 027 and 044 at Brush Creek Mine. Outfall 027 is proposed to be relocated from Latitude N 34° 18' 45," Longitude W -87° 37' 10" to Latitude N 34° 18' 38", Longitude W -87° 37' 15." Outfall 044 is proposed to be relocated from Latitude N 34° 18' 38," Longitude W -87° 37' 16" to Latitude N 34° 18' 35", Longitude W -87° 37' 15." After review of the document, the Department has determined that relocation of Outfalls 027 and 044 does not require a modification of the NPDES Permit. Therefore, the request is approved.

If you have any questions concerning this matter, please contact Ange Boatwright by email at maboatwright@adem.state.al.us or by phone at (334) 274-4208.

Sincerely,

Jeffery W. Kitchens, Chief
Stormwater Management Branch
Water Division

JWK/mab

File: BASF/17983

cc: Catherine McNeill, ADEM
Ange Boatwright, ADEM
Rich Weaver, Cahaba Contracting & Reclamation, LLC (rweaver@canamcoal.com)

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Branch
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
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Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
(251) 479-2593 (FAX)

Mobile-Coastal
3664 Dauphin Street, Suite B
Mobile, AL 36608
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(251) 304-1189 (FAX)

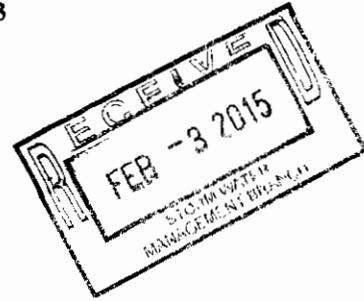
Cahaba Contracting & Reclamation, LLC

P.O. Box 354

Lynn, AL 35575

Cell: 205-275-9258 Email: rweaver@canamcoal.com

Office: 205-893-7223 Fax: 205-893-5973



January 30, 2015

Alabama Department of Environmental Management

Attn: Chase Gamble

NPDES Stormwater Management Branch

1400 Coliseum Boulevard

Montgomery, AL 36109

RE: **Birmingham Coal & Coke Company, Inc.**
Bear Creek Mine, AL0074373, Outfall Relocation Request

Dear Mr. Gamble:

Birmingham Coal & Coke Company, Inc. would like to request the relocation of outfalls **027P & 044P**. These outfalls were moved to slightly different locations along their currently permitted receiving waters in an effort to minimize disturbances and continue to mine at the ADEM Bear Creek Mine facility. Please find enclosed an updated Section 17, 18 & 19 of the ADEM application. Also please find enclosed a 1" = 1000' scale map.

The following table outlines the proposed relocations:

Outfall	Current Location	New Location
027P	Latitude N 34° 18' 45" Longitude W -87° 37' 10"	Latitude N 34° 18' 38" Longitude W -87° 37' 15"
044P	Latitude N 34° 18' 38" Longitude W -87° 37' 16"	Latitude N 34° 18' 35" Longitude W -87° 37' 15"

If you should have any questions or need additional information, please contact our office.

Sincerely,

Cahaba Contracting & Reclamation, LLC.

A handwritten signature in black ink, appearing to read "J. Rich Weaver".

J. Rich Weaver
P.E.

XVII. RECEIVING WATERS

List the requested permit Action for each outfall (issue, reissue, add, delete, move, etc.), Outfall Designation including noting "E" for existing and "P" for proposed, name of receiving water(s), ADEM water use classification (WUC) for the receiving water, latitude and longitude (to seconds) of location(s) that run-off enters the receiving water, distance of receiving water from outfall in feet, number of disturbed acres, the number of drainage acres which will drain through each treatment system, outfall, or BMP, and if the outfall discharges to an ADEM listed CWA Section 303(d) waterbody segment at the time of application submittal.

Action	Outfall E/P	Receiving Water	ADEM WUC	Latitude	Longitude	Distance to Rec. Water	Disturbed Acres	Drainage Acres	303(d) Segment (Y/N)
Reissue	001E	Little Dice Branch	F & W	34°19'51"	87°36'07"	100'	60	110	Y
Reissue	002E	UT Little Dice Branch	F & W	34°19'39"	87°36'00"	Directly	102	139	N
Reissue	003E	UT Little Dice Branch	F & W	34°19'14"	87°35'52"	Directly	121	199	N
Reissue	004E	UT Little Dice Branch	F & W	34°20'07"	87°36'28"	Directly	138	300	N
Reissue	005P	UT Little Dice Branch	F & W	34°20'12"	87°36'41"	120'	75	91	N
Reissue	006E	Little Dice Branch	F & W	34°20'17"	87°36'22"	100'	10	10	Y
Reissue	007E	UT Little Dice Branch	F & W	34°20'23"	87°36'23"	Directly	93	126	N
Reissue	008E	Little Dice Branch	F & W	34°20'55"	87°36'15"	150'	9	59	Y
Reissue	009P	Little Dice Branch	F & W	34°20'46"	87°36'04"	920'	6	28	Y
Reissue	010P	Little Dice Branch	F & W	34°20'55"	87°36'11"	100'	17	19	Y
Reissue	015E	Little Dice Branch	F & W	34°19'57"	87°36'12"	300'	19	19	Y
Reissue	016P	UT Little Dice Branch	F & W	34°20'23"	87°36'27"	100'	15	15	N
Reissue	017P	UT Little Dice Branch	F & W	34°20'28"	87°36'32"	100'	15	15	N
Reissue	018E	Little Dice Branch	F & W	34°20'35"	87°36'20"	100'	25	25	Y
Reissue	019P	Little Dice Branch	F & W	34°20'45"	87°36'17"	100'	43	45	Y
Issue	020P	Little Dice Branch	F & W	34°20'45"	87°36'14"	250'	46	52	Y
Issue	021P	Little Dice Branch	F & W	34°20'35"	87°36'05"	1400'	11	11	Y
Issue	022P	Little Dice Branch	F & W	34°20'25"	87°36'15"	250'	81	81	Y
Issue	023P	UT Little Dice Branch	F & W	34°20'06"	87°36'10"	Directly	87	98	N
Issue	024P	UT Bear Creek	F & W	34°19'31"	87°36'59"	100'	47	47	N
Issue	025P	UT Bear Creek	F & W	34°19'33"	87°37'06"	100'	78	88	N
Issue	026P	UT Bear Creek	F & W	34°19'38"	87°37'05"	Directly	127	139	N
Issue	027P	UT Bear Creek	F & W	34°18'38"	87°37'15"	128'	10	10	N
Issue	028P	UT Bear Creek	F & W	34°18'39"	87°36'55"	448'	4	4	N
Issue	029P	UT Bear Creek	F & W	34°18'36"	87°37'11"	202'	6	6	N
Issue	030P	UT Bear Creek	F & W	34°19'16"	87°36'57"	60'	48	48	N
Issue	031P	UT Bear Creek	F & W	34°19'07"	87°36'58"	130'	77	77	N
Issue	032P	UT Bear Creek	F & W	34°18'23"	87°37'03"	343'	12	12	N
Issue	033P	UT Bear Creek	F & W	34°18'30"	87°37'09"	135'	14	14	N
Issue	034P	UT Bear Creek	F & W	34°18'43"	87°37'12"	158'	9	9	N
Issue	035P	UT Bear Creek	F & W	34°18'46"	87°36'45"	130'	8	8	N
Issue	036P	UT Bear Creek	F & W	34°18'45"	87°36'52"	115'	14	14	N
Issue	037P	UT Bear Creek	F & W	34°18'30"	87°36'53"	289'	26	26	N
Issue	038P	UT Bear Creek	F & W	34°18'16"	87°36'52"	482'	17	17	N
Issue	039P	UT Bear Creek	F & W	34°18'46"	87°36'47"	105'	94	94	N
Issue	041P	UT Bear Creek	F & W	34°18'11"	87°37'03"	148'	14	14	N
Issue	042P	UT Bear Creek	F & W	34°18'21"	87°37'10"	393'	18	18	N
Issue	043P	UT Bear Creek	F & W	34°18'33"	87°37'17"	436'	5	5	N
Issue	044P	UT Bear Creek	F & W	34°18'35"	87°37'15"	304'	10	10	N
Issue	045P	UT Bear Creek	F & W	34°18'23"	87°37'31"	2202'	9	9	N
Issue	046P	UT Bear Creek	F & W	34°18'20"	87°37'11"	402'	14	14	N
Issue	047P	UT Bear Creek	F & W	34°18'13"	87°37'11"	439'	11	11	N
Issue	056P	Pretty Branch	F & W	34°18'13"	87°37'55"	100'	13	13	N
Issue	057P	Pretty Branch	F & W	34°18'19"	87°37'51"	100'	9	9	N
Issue	058P	Pretty Branch	F & W	34°18'21"	87°37'50"	205'	8	8	N

XVIII. DISCHARGE CHARACTERIZATION

- Yes, pursuant to 40 CFR 122.21, the applicant requests a waiver for completion of EPA forms 2C and/or 2D and certifies that the operating facility will discharge treated stormwater only, unless waived in writing by the Department on a programmatic, categorical, or individual compound/chemical basis that chemical/compound additives are not used, and that there are no process, manufacturing, or other industrial operations or wastewaters, including but not limited to lime or cement production, synfuel operations, etc.
- No, the applicant does not request a waiver and a complete and correct EPA form 2C and/or 2D is attached.

If a completed EPA form 2C and/or 2D is not attached, the applicant is required to supply the following information separately for every P or E outfall. If necessary, attach extra sheets. List expected average daily discharge flow rate in gallons/day and in cfs, frequency of discharge in hours per day and days per month, average summer and winter temperature of discharge(s) in degrees centigrade (C), average daily discharge in pounds per day of Total Iron, Total Manganese, BOD₅, Total Aluminum (if bauxite or bauxitic clay), and Total Suspended Solids:

Outfall E/P	Information Source - # of Samples	Flow cfs	Flow gpd	Frequency hours/day	Frequency days/mnth	pH s.u.	BOD ₅ lbs/day	Sum/Win Temp, C.	TSS lbs/day	Tot Fe lbs/day	Tot Mn lbs/day	Tot Al lbs/day
001E	DMR (13)	0.2	129K	Precipitation	Precipitation	7.1	0.1	26/7	19	0.44	0.3	N/A
002E	DMR (14)	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	11	0.25	0.3	N/A
003E	DMR (16)	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	8	0.24	0.3	N/A
004E	DMR (3)	0.3	194K	Precipitation	Precipitation	7.1	0.1	26/7	15	0.39	0.3	N/A
005P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
006E	DMR (0)/BPE	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	5	0.22	0.1	N/A
007E	DMR (0)/BPE	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	5	0.22	0.1	N/A
008E	DMR (1)	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
009P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
010P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
015E	DMR (1)	0.1	64K	Precipitation	Precipitation	6.6	0.1	26/7	8	0.27	0.2	N/A
016P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
017P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
018E	DMR (1)	0.1	64K	Precipitation	Precipitation	7.4	0.1	26/7	5	0.25	0.1	N/A
019P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
020P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
021P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	9	0.22	0.1	N/A
022P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	9	0.22	0.1	N/A
023P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	9	0.22	0.1	N/A
024P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
025P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
026P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
027P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
028P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
029P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
030P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	9	0.22	0.1	N/A
031P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	9	0.22	0.1	N/A
032P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
033P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
034P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.1	0.1	26/7	5	0.13	0.1	N/A
035P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A
036P	B.P.E.	0.1	64K	Precipitation	Precipitation	7.2	0.1	26/7	6	0.38	0.1	N/A

Please supply the following information separately for every P or E outfall. If necessary, attach extra sheets. Identify and list expected average daily discharge in pounds per day of any other pollutant(s) listed in EPA Form 2C, Item V – Intake And Effluent Characteristics, Parts A, B & C that are not referenced in XVIII above, that you know or have reason to believe are present in the discharge(s) at levels of concern. I certify that that I have reviewed the list of pollutants referenced in EPA Forms 2C & 2D. and the pollutants listed in EPA Form 2C and/or 2D that are not listed below are believed absent or not present at levels of concern in any proposed or existing discharge(s) from this facility:

Outfall E/P	Reason Believed Present	Information Source - # of Samples												
			lbs/day											

XIX. DISCHARGE STRUCTURE DESCRIPTION AND POLLUTANT SOURCE

If a completed EPA form 2C and/or 2D is not attached, the applicant is required to detail existing and proposed point source(s) covered by this permit application. Specify outfall number(s) as it appears on the map(s) required by this application [if this application is for a modification to an existing permit do not change the numbering sequence of the permitted outfalls], describe each, e.g. pipe, spillway, channel, tunnel, conduit, well, discrete fissure, or container, and identify the origin of pollutants. The response must be precise for each outfall. If the discharge of pollutants from any outfall is the result of commingling of waste streams from different origins, each origin must be completely described. Please check all responses which describe the discharge origin.

Outfall	Discharge structure Description	Description of Origin Of pollutants	Surface Discharge	Groundwater Discharge	Wet Prep -Other Production Plant	Pumped or Controlled Discharge	Low Volume STP	Other
001E	Pipe	2, 9	X					
002E	Channel	2, 9	X					
003E	Channel	2, 9	X					
004E	Channel	2, 9	X					
005P	Pipe and/or channel	2, 9	X					
006E	Pipe	2, 9	X					
007E	Pipe	2, 9	X					
008E	Pipe	2, 9	X					
009P	Pipe and/or channel	2, 9	X					
010P	Pipe and/or channel	2, 9	X					
015E	Pipe	2, 9	X					
016P	Pipe and/or channel	2, 9	X					
017P	Pipe and/or channel	2, 9	X					
018E	Pipe	2, 9	X					
019P	Pipe and/or channel	2, 9	X					
020P	Pipe and/or channel	2, 9	X					
021P	Pipe and/or channel	2, 9	X					
022P	Pipe and/or channel	2, 9	X					
023P	Pipe and/or channel	2, 9	X					
024P	Pipe and/or channel	2, 9	X					
025P	Pipe and/or channel	2, 9	X					
026P	Pipe and/or channel	2, 9	X					
027P	Pipe and/or channel	2, 9	X					
028P	Pipe and/or channel	2, 9	X					
029P	Pipe and/or channel	2, 9	X					
030P	Pipe and/or channel	2, 9	X					
031P	Pipe and/or channel	2, 9	X					
032P	Pipe and/or channel	2, 9	X					
033P	Pipe and/or channel	2, 9	X					
034P	Pipe and/or channel	2, 9	X					
035P	Pipe and/or channel	2, 9	X					
036P	Pipe and/or channel	2, 9	X					
037P	Pipe and/or channel	2, 9	X					
038P	Pipe and/or channel	2, 9	X					
039P	Pipe and/or channel	2, 9	X					
041P	Pipe and/or channel	2, 9	X					
042P	Pipe and/or channel	2, 9	X					
043P	Pipe and/or channel	2, 9	X					
044P	Pipe and/or channel	2, 9	X					
045P	Pipe and/or channel	2, 9	X					

Origin of Pollutants – typical examples: (1) Discharge of drainage from the underground workings of an underground coal mine, (2) Discharge of drainage from a coal surface mine, (3) Discharge of drainage from a coal preparation plant and associated areas, (4) Discharge of process wastewater from a gravel-washing plant, (5) Discharge of wastewater from an existing source coal preparation plant, (6) Discharge of drainage from a sand and gravel pit, (7) Pumped discharge from a limestone quarry, (8) Controlled surface mine drainage (pumped or siphoned), (9) Discharge of drainage from mine reclamation, (10) Other: _____

