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Task ID #4573

Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

GENERAL INFORMATION

Company Name	BRC Wellington LLC	Mine Name	Wellington Dry-Coal Cleaning Facility
Permit Number	C/007/0045	Permit expiration Date	September 1, 2014
Operator Name	Kyle Edwards, Resident Agent	Phone Number	+1 (435) 613-1631
Mailing Address	1865 West Ridge Road	Email	kedwards@bowierefinedcoal.com
City	Wellington		
State	UT	Zip Code	84654

		DOGM File Location or Annual Report Location
Excess Spoil Piles	☐ Required ☒ Not Required	
Refuse Piles	☐ Required ☒ Not Required	
Impoundments	☒ Required ☐ Not Required	A copy of the sedimentation pond inspection report is contained in Appendix A of this report
Other:		

OPERATOR COMMENTS

The annual impoundment inspection and certification was performed on November 6, 2013 for the two basins at BRC Wellington's Dry-Coal Cleaning Facility. The inspection report is contained in Appendix A of this report.

REVIEWER COMMENTS ☐ Met Requirements ☐ Did Not meet Requirements

FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

Title: BURROWING OWL PROTECTION
Objective: If future land disturbing activities are planned during Burrowing Owl Breeding season (February-August), BRC commits to conduct a survey of the area. BRC will meet with the Division and DWR if burrowing owls are identified.
Frequency: Once prior to land disturbing activity
Status: Required prior to land disturbing activity
Reports: Immediately report to Division plans for land disturbing activity. Summary of survey in annual report.
Citation: MRP, Chapter 3, Section 3.3.3, page 3-9

Title: RAPTOR PROTECTION
Objective: If future land disturbing activities are planned, BRC commits to conduct a raptor survey of the area. BRC will meet with the Division and DWR if raptors or nests are identified.
Frequency: Once prior to land disturbing activity
Status: Required prior to land disturbing activity
Reports: Immediately report to Division plans for land disturbing activity. Summary of survey in annual report.
Citation: MRP, Chapter 3, Section 3.3.3, page 3-10

OPERATOR COMMENTS (OPTIONAL)

No additional land was disturbed during the reporting period.

REVIEWER COMMENTS

REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

N/A

Reviewer Comments

MAPS

Copies of mine maps, current and up-to-date, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
General Site Map, Wellington Dry Coal Cleaning Faci	Plate 5-1	☒	☐	☐	☒
		☐	☐	☐	☐
		☐	☐	☐	☐
		☐	☐	☐	☐
		☐	☐	☐	☐

Reviewer Comments ☐ Met Requirements ☐ Did Not Meet Requirements

APPENDIX A

Sedimentation Pond Inspection Results

EarthFax Engineering Group, LLC
7324 South Union Park Avenue, Suite 100, Midvale, Utah 84047 • 801.561.1555 • FAX 801.561.1861

EarthFax

December 18, 2013

Kyle Edwards
BRC Wellington, LLC
1865 West Ridge Road
Wellington, UT 84654

Subject: Annual sedimentation pond inspections

Dear Kyle:

On November 6, 2013 I conducted an inspection of the sedimentation ponds at your Wellington, Utah facility. The results of those inspections are attached.

The embankments and appurtenances associated with the ponds all appear to be in excellent condition. I did not observe any structural weaknesses or other hazardous conditions associated with the ponds. It is my opinion that the ponds adequately serve their intended purpose and may continue to be used for that purpose.

Please contact me if you have any questions.

Sincerely,

Richard B. White, P.E.
President

Enclosure

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
18 Dec 2013
STATE OF UTAH

*To enter text, click in the box and type your response. If a box already contains an entry select the entry and type the replacement. You can use the **tab** key to move from one field to the next. To select a check box, click in the box or type an x.*

GENERAL INFORMATION

Report Date	18 Dec 2013
Permit Number	C/007/0045
Mine Name	Wellington Dry-Coal Cleaning Facility
Company Name	BRC Wellington, LLC

IMPOUNDMENT IDENTIFICATION

Impoundment Name	East Pond
Impoundment Number	N/A
UPDES Permit Number	UTR 000685
MSHA ID Number	42-02398

IMPOUNDMENT INSPECTION

Inspection Date	6 Nov 2013
Inspected by	Richard B. White
Reason for Inspection	Annual Inspection

(Annual, quarterly or other periodic inspections, critical installation , or completion of construction.)

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

Other than a small amount of erosion existing in the form of rills on the interior slopes of the pond, no signs of instability, structural weakness, or other hazardous conditions were observed. This erosion is not considered problematic.

Questions a and b are required for an impoundment, which functions as a Sedimentation pond.

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

60% sediment capacity 56,620 cf (at elev. 5497.3 ft). 100% sediment capacity 56,487 cf (at elev. 5498.6 ft). Approximate sediment elevation at the time of the inspection was 5495 ft, which is more than 2 ft lower than the 60% cleanout elevation.

b. Principle and emergency spillway elevations.

Inlet/outlet elevation 5,507 feet.

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Approximately 3-4 inches of water was standing in the west end of the pond at the time of the inspection. As stated previously, a small amount of rill erosion exists on the interior slopes of the pond. This is not substantial. The resulting sediment is captured by the pond.

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

The pond adequately serves its intended purpose. The pond can remain in operation as constructed.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Richard Bowla Date: 18 Dec 2013

CERTIFIED REPORT

IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

		YES	NO
1.	Is impoundment designed and constructed in accordance with the approved plan?	☒	☐
2.	Is impoundment free of instability, structural weakness, or any other hazardous conditions?	☒	☐
3.	Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	☒	☐

COMMENTS/ OTHER INFORMATION

The pond adequately serves its intended purpose.

CERTIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

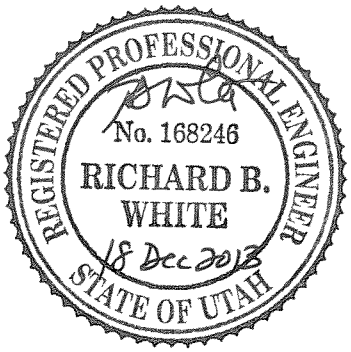
By: Richard B. White

Full Name and Title

Signature: Richard B White Date 18 Dec 2013

P.E. Number & State 168246

[P.E. Cert. Stamp]



*To enter text, click in the box and type your response. If a box already contains an entry select the entry and type the replacement. You can use the **tab** key to move from one field to the next. To select a check box, click in the box or type an x.*

GENERAL INFORMATION

Report Date	18 Dec 2013
Permit Number	C/007/0045
Mine Name	Welington Dry-Coal Cleaning Facility
Company Name	BRC Wellington, LLC

IMPOUNDMENT IDENTIFICATION

Impoundment Name	West Pond
Impoundment Number	N/A
UPDES Permit Number	UTR 000685
MSHA ID Number	42-02398

IMPOUNDMENT INSPECTION

Inspection Date	6 Nov 2013
Inspected by	Richard B. White
Reason for Inspection	Annual Inspection

(Annual, quarterly or other periodic inspections, critical installation , or completion of construction.)

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

Other than a small amount of erosion exists in the form of rills on the interior slopes of the pond, no signs of instability, structural weakness, or any other hazardous condition was observed. This erosion is not considered problematic.

Questions a and b are required for an impoundment, which functions as a Sedimentation pond.

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

60 % sediment capacity 35,965 cf (at elev. 5503.4 ft). 100% sediment capacity 35,911 cf (at elev. 5505.4 ft). Approximate sediment elevation at the time of the inspection was 5501 ft, which is more than 2 ft lower than the 60% cleanout elevation.

b. Principle and emergency spillway elevations.

Outlet elevation = 5,510 feet.

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

2-3 inches of water was present in the pond at the time of the inspection. A small amount of rill erosion exists on the interior slopes of the pond. This is not substantial. The resulting sediment is captured by the pond.

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

The pond adequately serves its intended purpose and can remain in use as currently constructed.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Richard Bowler Date: 18 Dec 2013

CERTIFIED REPORT

IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

		YES	NO
1.	Is impoundment designed and constructed in accordance with the approved plan?	☒	☐
2.	Is impoundment free of instability, structural weakness, or any other hazardous conditions?	☒	☐
3.	Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	☒	☐

COMMENTS/ OTHER INFORMATION

The pond adequately serves its intended purpose.

CERTIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

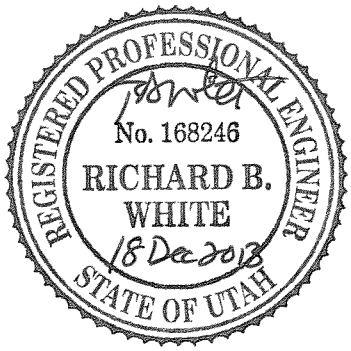
By: Richard B. White

Full Name and Title

Signature: Richard B White Date 18 Dec 2013

P.E. Number & State 168246

[P.E. Cert. Stamp]



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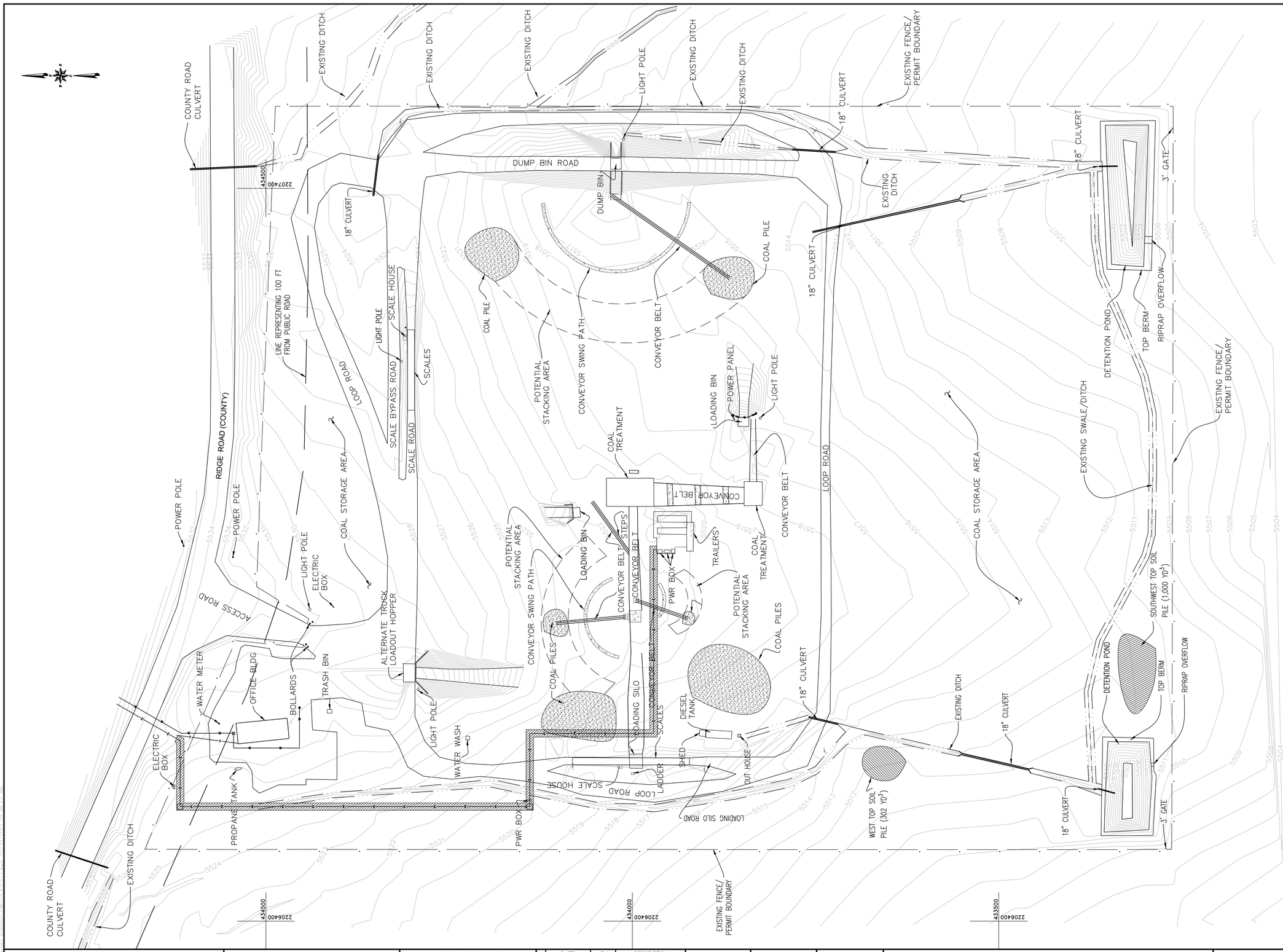

LEGEND

—W—W—W—	MUNICIPAL WATER SUPPLY LINE
—T—T—T—	TELEPHONE LINE
	ELECTRIC POWER LINE WITH UTILITY RIGHT OF WAY

NOTES:

1. THE SIZE AND LOCATION OF COAL STOCKPILES SHOWN ON THIS MAP ARE CORRECT AS OF THE SEPTEMBER 2008 SURVEY. HOWEVER, THESE STOCKPILES ARE DYNAMIC AND MAY CHANGE IN SIZE WITH TIME. NONETHELESS, PILE LOCATIONS WILL REMAIN GENERALLY AS INDICATED.
2. THE ENTIRE FENCED/PERMIT AREA WAS DEVELOPED PRIOR TO INITIAL PERMIT APPLICATION SUBMITTAL ON JANUARY 15, 2008
3. TYPICAL QUANTITY OF COAL ON SITE = 1500 TONS. QUANTITY MAY VARY SIGNIFICANTLY, DEPENDING ON CONTRACT REQUIREMENTS.

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
STATE OF UTAH
NOT VALID WITHOUT A SIGNATURE AND SEAL

EarthFax Engineering, Inc.
Engineers/Scientists

0' 60'
SCALE: 1"=60'

BASE MAP: SURVEY PERFORMED BY H&H ENGINEERING AND SURVEYING, SEPTEMBER 8, 2008. COORDINATES SHOWN ARE STATE PLANE NAD 27.

REVISIONS	DATE	BY	DESCRIPTION
	03/29/11	RBW	ADDED TOPSOIL QUANTIES

DRAWN BY: KHB
CHECKED BY: RBW
DATE: 01/2008
APPROVED BY: RBW
DWG DATA: UC1091\02\PERMIT APPLICATION\DWG\MINEANDMILLS\PLATE5-1.DWG

BRC WELLINGTON, LLC
1865 WEST RIDGE ROAD
WELLINGTON, UTAH 841654

PLATE 5-1
GENERAL SITE MAP
WELLINGTON DRY COAL CLEANING FACILITY