



U.S. DEPT. OF THE INTERIOR
OFFICE OF SURFACE MINING
Mine Site Evaluation
State Program



1. Permittee/Person BOWIE RESOURCES LLC		9. Permit Number C1981038		10. Permit Type PP	
2. Address 6100 DUTCHMANS LANE 9TH FLOOR		11. Field Visit Date 11/8/2018		12. Purpose OP	
3. City LOUISVILLE		14. Permit Status A		15. Site Status AN	
4. State KY		16. Facility Type BF		13. SRA Present Y	
5. Zip Code 40205		17. OSM Office # 140		18. CCID #	
6. Phone Number (502) 855-5157		19. Land Code SF		20. M.S.H.A. ID # 05-04184	
7. Operator Name, if Different than Permittee BOWIE RESOURCES LLC		21. State Abbrev. CO		22. County/Burrough DELTA	
8. Mine Name BOWIE NO. 1		23. AVS Permittee Entity ID Number 154464		24. State Office	
25. Hours		26. Signature Block		27. Reviewing Official:	
a. Permit Review 5.0		TCM Signature: Thomas Medlin, ID#562 Inspector's Name: Date: 11/19/2018		Howard Strand Signature: Howard Strand Reviewer's Name: Date: 11/19/2018	
b. Site Visit Time 5.0					
c. Travel Time 11.0					
d. Report Writing 8.0					
Permit Type - Item 10 IP = Interim Program PP = Permanent Program NP = No Permit					
Purpose Type Codes - Item 12					
Oxx... Oversight		RFx... Reclamation Fees		CCR... Citizen Complaint Referral (non-site visit)	
Axx... Assistance		Fxx... Federal Actions		CC... Citizen Complaint (initial site visit)	
				CCF... Assistance	
Joint Inspection - Item 13 A joint inspection is when a state inspector accompanies an OSM inspector at any time during the review of the mine site					
Permit Status - Item 14					
A Active: Coal mining activities occurring or permitted but not yet disturbed.		AB Abandoned: All surface and underground coal mining activities have ceased and operator has left the site without completing reclamation as defined in 30 CFR 840.11(g).			
IN Inactive (Permanent Program Permit): Phase II completed or Temporary Cessation of Operations. (Interim Program Permit): Coal mining completed and reclamation activities initiated.		AB1 Bond Forfeiture: Bond forfeiture officially in process or completed and reclamation in progress or not yet commenced.			
BR Bond Release: Reclamation completed and State Regulatory Authority(RA) has released all of the bond (Phase III Release).		AB2 Partially Reclaimed Forfeiture: Forfeited site where all bonds have been used to reclaim site, but site not reclaimed to Program standards.			
		AB3 Reclaimed Forfeiture: Forfeited site that has been reclaimed to Program standards.			
		NA Not Applicable: When site is unpermitted.			
Site Status - Item 15					
ND No Disturbance: No coal mining and reclamation operations have been started.		MC Mining Complete: No mining activity on site, site regraded and awaiting bond release.		NS Non-Site Visit: Status of site not determined.	
EX Coal Exploration: Coal exploration operations have started and where coal mining operations have not begun.		TC Temporary Cessation: The RA has granted cessation of mining pursuant to 30 CFR 816/817.13(b).		FP Forfeiture Pending: The RA is pursuing actions to revoke the permit, collect the performance bond(s), and/or reclamation of forfeited site is in progress.	
AP Active Coal Producing: Coal surface mining activities are occurring.		P1 Phase I Release: At least Phase I bond release granted for entire permitted area. For interim permits, partial bond release.		FR Forfeited and Reclaimed: Forfeiture reclamation completed.	
AN Active Non-Producing: Active non-producing facility such as tipple or preparation plant.		P2 Phase II Release: At least Phase II bond release for the entire permitted area.		FO Abandoned Site: Abandoned site that is permitted but there is no bond.	
NM No Mining: The Permit Status is active, site is not in Temporary Cessation, no surface coal mining activity, and site not regraded.		P3 Phase III Release: Reclamation completed and the RA has released all bond.		WC Wildcat: Coal mining and reclamation operations have or are taking place and the activity is not covered by the required permits from the RA.	
Facility Type Codes - Item 16					
D... Ancillary (Haulroad, Conveyor, and/or Rails)		H... Exploration Permits		K... Government Financed Construction Exemption	
A... Surface		E... Refuse and/or Impoundment		L... Remaining site permitted under 30 CFR 785.25	
B... Underground		F... Loading Facility and/or Tipple			
C... Preparation Plant		G... Stockpiles			
		J... Exempt 16 and 2/3			
Small Business Regulatory Enforcement Fairness Act (SBREFA)					
Your Comments are Important					
The Small Business and Agriculture Regulatory Enforcement Ombudsman and 10 Regional Fairness Boards were established to receive comments from small businesses about Federal agency enforcement actions. The Ombudsman will annually evaluate the enforcement activities and rate each agency's responsiveness to small business. If you are a small business (a business with 500 or fewer employees including those of affiliates) and wish to comment on the enforcement or compliance activities of OSM, call 1-888-REG-FAIR (1-888-734-3247).					

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Date **11/8/2018**

State Program
Continuation Page

28. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere, 6=Previously Cited, 7=Permit Defect

A. Administrative

1. 1 Mining within Valid Permit
2. 1 Mining within Bonded Area
3. 1 Terms & Conditions of Permit
4. 1 Liability Insurance
5. 1 Ownership and Control
6. 1 Temporary Cessation
7. 1 AML Rec. Fees - Non-Respondent
8. 1 AML Rec. Fees - Failure to Pay

B. Hydrologic Balance

1. 1 Drainage Control
2. 1 Inspections & Certifications
3. 1 Siltation Structures
4. 1 Discharge Structures
5. 1 Diversions
6. 1 Effluent Limits
7. 1 Ground Water Monitoring
8. 1 Surface Water Monitoring
9. 1 Drainage - Acid-Toxic Materials
10. 1 Impoundments
11. 1 Stream Buffer Zones

C. Topsoil & Subsoil

1. 1 Removal
2. 1 Substitute Materials
3. 1 Storage and Protection
4. 1 Redistribution

D. Backfilling & Grading

1. 1 Exposed Openings
2. 1 Contemporaneous Reclamation
3. 1 Approximate Original Contour
4. 1 Highwall Elimination
5. 1 Steep Slopes (includes downslope)
6. 1 Handling of Acid and Toxic Materials
7. 1 Stabilization (rills and gullies)

E. Excess Spoil Disposal

1. 1 Placement
2. 1 Drainage Control
3. 1 Surface Stabilization
4. 1 Inspections & Certifications

F. Coal Mine Waste (Refuse Piles/Impoundments)

1. 1 Drainage Control
2. 1 Surface Stabilization
3. 1 Placement
4. 1 Inspections & Certifications
5. 1 Impounding Structures

G. Use of Explosives

1. 1 Blaster Certification
2. 1 Distance Prohibitions
3. 1 Blast Survey/Schedule
4. 1 Warnings & Records
5. 1 Control of Adverse Effects

H. 1 Subsidence Control Plan

I. Roads

1. 1 Road Construction
2. 1 Certification
3. 1 Drainage
4. 1 Surfacing and Maintenance
5. 1 Reclamation

J. Signs & Markers

1. 1 Signs
2. 1 Markers

K. 1 Distance Prohibitions

L. Revegetation

1. 1 Vegetative Cover
2. 1 Timing

M. 1 Postmining Land Use

N. Other

General
Performance
Category

Performance Standard Categories 30 CFR Counterparts

A. Administrative

1. Valid Permit 773.11
2. Mining within Bonded Area 773.11
3. Terms & Conditions of Permit 773.17
4. Liability Insurance 800.60
5. Ownership and Control 778.13
6. Temporary Cessation 842.11(e) & 816/817.131
7. AML Rec. Fees - Non-Respondent 870.15(b)
8. AML Rec. Fees - Failure to Pay 870.15(a)

B. Hydrologic Balance

1. Drainage Control 45
2. Inspections & Certifications 49(a)(10)
3. Siltation Structures 46
4. Discharge Structures 47
5. Diversions 43
6. Effluent Limits 42
7. Ground Water Monitoring 41(c)
8. Surface Water Monitoring 41(e)
9. Drainage-Acid - Toxic Materials 41(f)
10. Impoundments 49
11. Stream Buffer Zones 57

C. Topsoil & Subsoil

1. Removal 22(a)
2. Substitute Materials 22(c)
3. Storage and Protection 22(c)
4. Redistribution 22(d)

D. Backfilling & Grading

1. Exposed Openings 816/817.13, 14, 15, & 823.11 & 21
2. Contemporaneous Reclamation 100
3. Approximate Original Contour 102(a)(1)
4. Highwall Elimination 102(a)(2)
5. Steep Slopes (includes downslope) 107
6. Handling of Acid & Toxic Materials 102(c)
7. Stabilization (rills and gullies) 93(b)

E. Excess Spoil Disposal (816/817.71-74)

1. Placement 71(e)
2. Drainage Control 71(f)
3. Surface Stabilization 71(g)
4. Inspections & Certifications 71(h)

F. Coal Mine Waste (Refuse Piles/Impoundments) 816/817.81-84

1. Drainage Control 83(a)
2. Surface Stabilization 83(b)
3. Placement 83(c)
4. Inspections and Certifications 83(d)
5. Impounding Structures 84

G. Use of Explosives (816/817.61-68)

1. Blaster Certification 61(c)
2. Distance Prohibitions 61(d)
3. Blast Survey/Schedule 62-64
4. Warnings & Records 66 & 68
5. Control of Adverse Effects 67

H. Subsidence Control Plan (817.121-122)

I. Roads (816/817.150-151)

1. Road Construction 150(c)
2. Certification 151(a)
3. Drainage 150(b)-151(d)
4. Surfacing and Maintenance 150(e)-151(d)
5. Reclamation 150(f)

J. Signs & Markers 816/817.111

1. Signs 11(a),(b),(c)
2. Markers 11(a),(b),(d),(e),(f)

K. Distance Prohibitions (761.11)

L. Revegetation (816/817.111-116)

1. Vegetative Cover 111 & 116
2. Timing 113

M. Postmining Land Use (816/817.133)

OSM Action

- 1) Deferred to State Action
- 2) TDV Issued
- 3) NOV Issued
- 4) FTA-CO Issued
- 5) IH-CO Issued
- 6) D-CO Issued (Imminent Danger to Public)
- 7) Previously cited by RA, abatement pending
- 8) Abated during or before OSM inspection
- 9) Follow-up at Federal Action
- 0) Off-site impact with no violation

Off-Site Impacts

- For each type of impact and resource affected, enter "N, D, or J" to describe the degree of off-site impact:
- N - Minor Occurrence
 - D - Moderate Occurrence
 - J - Major Occurrence