



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

Permittee/ Person <u>UTAHAMERICAN ENERGY INC</u>	Permit Number <u>C0070013</u>	Field Visit Date <u>1/24/2018</u>	State Program Continuation Page
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## 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

<p><b>A. Administrative</b></p> <p>1. <u>      </u> Mining within Valid Permit</p> <p>2. <u>      </u> Mining within Bonded Area</p> <p>3. <u>      </u> Terms &amp; Conditions of Permit</p> <p>4. <u>      </u> Liability Insurance</p> <p>5. <u>      </u> Ownership and Control</p> <p>6. <u>      </u> Temporary Cessation</p> <p>7. <u>      </u> AML Rec Fees - Non-Respondent</p> <p>8. <u>      </u> AML Rec Fees - Failure to Pay</p> <p><b>B. Hydrologic Balance</b></p> <p>1. <u>  1  </u> Drainage Control</p> <p>2. <u>      </u> Inspections &amp; Certifications</p> <p>3. <u>  1  </u> Siltation Structures</p> <p>4. <u>  1  </u> Discharge Structures</p> <p>5. <u>      </u> Diversions</p> <p>6. <u>      </u> Effluent Limits</p> <p>7. <u>      </u> Ground Water Monitoring</p> <p>8. <u>      </u> Surface Water Monitoring</p> <p>9. <u>      </u> Drainage - Acid-Toxic Materials</p> <p>10. <u>      </u> Impoundments</p> <p>11. <u>      </u> Stream Buffer Zones</p> <p><b>C. Topsoil &amp; Subsoil</b></p> <p>1. <u>      </u> Removal</p> <p>2. <u>      </u> Substitute Materials</p> <p>3. <u>      </u> Storage and Protection</p> <p>4. <u>      </u> Redistribution</p>	<p><b>D. Backfilling &amp; Grading</b></p> <p>1. <u>      </u> Exposed Openings</p> <p>2. <u>      </u> Contemporaneous Reclamation</p> <p>3. <u>      </u> Approximate Original Contour</p> <p>4. <u>      </u> Highwall Elimination</p> <p>5. <u>      </u> Steep Slopes (includes downslope)</p> <p>6. <u>      </u> Handling of Acid and Toxic Materials</p> <p>7. <u>      </u> Stabilization (rills and gullies)</p> <p><b>E. Excess Spoil Disposal</b></p> <p>1. <u>      </u> Placement</p> <p>2. <u>      </u> Drainage Control</p> <p>3. <u>      </u> Surface Stabilization</p> <p>4. <u>      </u> Inspections &amp; Certifications</p> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments)</b></p> <p>1. <u>      </u> Drainage Control</p> <p>2. <u>      </u> Surface Stabilization</p> <p>3. <u>      </u> Placement</p> <p>4. <u>      </u> Inspections &amp; Certifications</p> <p>5. <u>      </u> Impounding Structures</p> <p><b>G. Use of Explosives</b></p> <p>1. <u>      </u> Blaster Certification</p> <p>2. <u>      </u> Distance Prohibitions</p> <p>3. <u>      </u> Blast Survey/Schedule</p> <p>4. <u>      </u> Warnings &amp; Records</p> <p>5. <u>      </u> Control of Adverse Effects</p>	<p><b>H. <u>      </u> Subsidence Control Plan</b></p> <p><b>I. Roads</b></p> <p>1. <u>  1  </u> Road Construction</p> <p>2. <u>      </u> Certification</p> <p>3. <u>  1  </u> Drainage</p> <p>4. <u>  1  </u> Surfacing and Maintenance</p> <p>5. <u>      </u> Reclamation</p> <p><b>J. Signs &amp; Markers</b></p> <p>1. <u>  1  </u> Signs</p> <p>2. <u>  1  </u> Markers</p> <p><b>K. <u>      </u> Distance Prohibitions</b></p> <p><b>L. Revegetation</b></p> <p>1. <u>      </u> Vegetative Cover</p> <p>2. <u>      </u> Timing</p> <p><b>M. <u>      </u> Postmining Land Use</b></p> <p><b>N. Other</b></p> <p>General Performance Category</p> <p><u>      </u> <u>      </u> <u>      </u></p>
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### Performance Standard Categories 30 CFR Counterparts

<p><b>A. Administrative</b> .....  1. Valid Permit ..... 773.11  2. Mining within Bonded Area ..... 773.11  3. Terms &amp; Conditions of Permit ..... 773.17  4. Liability Insurance ..... 800.60  5. Ownership and Control ..... 778.13  6. Temporary Cessation ..... 842.11(e) &amp; 816/817.131  7. AML Rec. Fees - Non-Respondent ..... 870.15(b)  8. AML Rec. Fees - Failure to Pay ..... 870.15(a)</p> <p><b>B. Hydrologic Balance</b> ..... (816/817.41-57)  1. Drainage Control ..... 45  2. Inspections &amp; Certifications ..... 49(a)(10)  3. Siltation Structures ..... 46  4. Discharge Structures ..... 47  5. Diversions ..... 43  6. Effluent Limits ..... 42  7. Ground Water Monitoring ..... 41(e)  8. Surface Water Monitoring ..... 41(e)  9. Drainage--Acid - Toxic Materials ..... 41(f)  10. Impoundments ..... 49  11. Stream Buffer Zones ..... 57</p> <p><b>C. Topsoil &amp; Subsoil</b> ..... (816/817.22)  1. Removal ..... 22(a)  2. Substitute Materials ..... 22(c)  3. Storage and Protection ..... 22(c)  4. Redistribution ..... 22(d)</p> <p><b>D. Backfilling &amp; Grading</b> ..... 816/817.95-107  1. Exposed Openings ..... 816/817.13, 14, 15, &amp; 823.11 &amp; 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 &amp; Toxic Materials ..... 102(c)  7. Stabilization (rills and gullies) ..... 95(b)</p>	<p><b>E. Excess Spoil Disposal</b> ..... (816/817.71-74)  1. Placement ..... 71(e)  2. Drainage Control ..... 71(f)  3. Surface Stabilization ..... 71(g)  4. Inspections &amp; Certifications ..... 71(h)</p> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments)</b> ---- 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</p> <p><b>G. Use of Explosives</b> ..... (816/817.61-69)  1. Blaster Certification ..... 61(c)  2. Distance Prohibitions ..... 61(d)  3. Blast Survey/Schedule ..... 62-64  4. Warnings &amp; Records ..... 66 &amp; 68  5. Control of Adverse Effects ..... 67</p> <p><b>H. Subsidence Control Plan</b> ..... (817.121-122)</p> <p><b>I. Roads</b> ..... (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)</p> <p><b>J. Signs &amp; Markers</b> ..... 816/817.11  1. Signs ..... 11(a),(b), &amp; (c)  2. Markers ..... 11(a),(b),(d),(e), &amp; (f)</p> <p><b>K. Distance Prohibitions</b> ..... (761.11)</p> <p><b>L. Revegetation</b> ..... (816/817.111-116)  1. Vegetative Cover ..... 111 &amp; 116  2. Timing ..... 113</p> <p><b>M. Postmining Land Use</b> ..... (816/817.133)</p>
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**Denver Field Branch  
Mine Site Evaluation Narrative**

Permittee: UtahAmerican Energy, Inc.  
Operator: UtahAmerican Energy, Inc.  
Site: Lila Canyon Mine  
Permit No: C/007/0013  
Date of Inspection: January 24, 2018  
Inspection Type: Oversight partial  
Weather: Sunny, clear, and cold with soft ground conditions  
Operator Representative(s): Karin Odendahl-Madsen  
State Official(s): Karl Houskeeper, Division of Oil, Gas and Mining  
OSMRE Official(s): Tom Medlin #562

**Background**

This was an oversight partial inspection at the Lila Canyon Mine in Carbon County, Utah. Lila Canyon is an underground coal mine associated with the reclaimed Horse Canyon Mine. At present the permit area includes 42.60 acres of surface disturbance. Prior to and following this inspection, I performed an administrative review of pertinent documentation including the 2016 Annual Report; water quality memorandum WQ 17-2; Spill Prevention, Control, and Countermeasures (SPCC) plan; various maps and drawings; and recent DOGM inspection reports.

**Mine and Permit Identification Signs R645-301-521.241**

The mine and permit identification sign was stationed at the appropriate point of public access and contained the required information. See Figure 1.

**Perimeter Markers R645-301-521.251**

Yellow-painted t-posts delineated the disturbed area perimeter, as required. See Figure 2.

**Roads R645-301-534.150**

The Mine Facilities Access / Truck Loadout Road was in good repair, exhibiting positive drainage and surface stability. The road had been treated to control fugitive dust emissions, as required. See Figure 3.

**Explosives R645-301-524.800**

The powder and cap magazines were labeled, secured, and earth-bonded, as required. See Figure 4.

**Hydrology R645-301-731**

Diesel and gasoline aboveground storage tanks were intact and featured secondary containment as required by the SPCC. See Figure 5.

### **Noncoal Mine Waste R645-301-528.331**

The site was generally tidy and free of uncontrolled noncoal mine waste. However, some scrap sections of corrugated metal pipe were observed in the vicinity of Sediment Pond 1. The operator representative agreed to relocate or dispose of the material.

### **Sedimentation Ponds R645-301-742.220 et seq**

Sedimentation Ponds 1 and 2 were in good condition with stable embankments, adequate sediment storage capacity, and unobstructed spillways, as required. Sediment Pond 2 had been recently cleaned out, though partially so, due to “soupiness” of the material. Both ponds were dry at the time of this inspection. See Figures 6 and 7.

### **Maintenance Items**

The operator representative will ensure the scrap corrugated metal pipe described in this report under “Noncoal Mine Waste” is relocated or disposed of.

### **Enforcement Actions**

No enforcement actions were taken as a result of this inspection, nor are any pending.

### **Photos:**



Figure 1. Mine and permit identification sign.



Figure 2. Disturbed area perimeter marker.



Figure 3. Mine Facilities Access / Truck Loadout Road.



Figure 4. Explosives (caps) magazine.



Figure 5. Diesel and gasoline storage area.



Figure 6. Sedimentation Pond 1.



Figure 7. Sedimentation Pond 2.