

**UtahAmerican Energy, Inc.**

February 24, 2004

Pam Grubaugh-Littig  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Response to Technical Analysis (April 2003) Lila Canyon Extension, Horse Canyon Mine, C/007/013

Dear Ms. Grubaugh-Littig:

Attached you will find UtahAmerican Energies response to the technical deficiencies dated April 2003. To simplify the review process, UEI included has included a list of the original DOGM comment with UEI's response immediately following in red.

To assist in your review I have included a CD disk with the text and maps.

A completed C1 and C2 form is included.

Sincerely,

R. Jay Marshall  
Project Engineer

RECEIVED

FEB 26 2004

DIV. OF OIL, GAS & MINING

# APPLICATION FOR PERMIT PROCESSING

|  |                                     |                                  |                                   |                                      |                                       |                                      |
|--|-------------------------------------|----------------------------------|-----------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> Permit Change   | <input type="checkbox"/> New Permit | <input type="checkbox"/> Renewal | <input type="checkbox"/> Transfer | <input type="checkbox"/> Exploration | <input type="checkbox"/> Bond Release | Permit Number: ACT/007/013           |
| Description of Proposal: 04-000 Response to 7/9/03 TA, Lila Canyon Extension To ACT/007/013. |                                     |                                  |                                   |                                      |                                       | Mine: Horse Canyon                   |
|  |                                     |                                  |                                   |                                      |                                       | Permittee: UtahAmerican Energy, Inc. |

Description, include reason for application and timing required to implement:

**Instructions:** If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation

|                              |                             |  |
|------------------------------|-----------------------------|--|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO # _____  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 4. Does application include operations in hydrologic basins other than as currently approved?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 6. Does the application require or include public notice/publication?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies? Explain: _____  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)                                    |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 15. Does application require or include soil removal, storage or placement?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities?   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures?   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 19. Does the application require or include certified designs, maps, or calculations?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 21. Have reclamation costs for bonding been provided for?  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities?  |

**X Attach 3 complete copies of the application.**

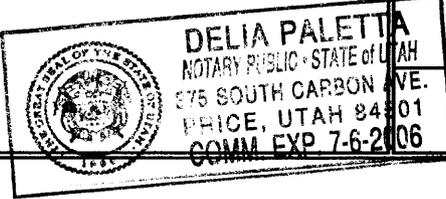
I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

R. J. Maudslai Project Engineer 2/24/04  
 Signed - Name - Position - Date

Subscribed and sworn to before me this 24 day of February, 2004

Delia Paletta  
 Notary Public

My Commission Expires: 7-6 2006  
 STATE OF UTAH  
 COUNTY OF CANONVIL



Received by Oil, Gas & Mining  
**RECEIVED**  
**FEB 26 2004**

DIV. OF OIL, GAS & MINING

ASSIGNED TRACKING NUMBER

## Application for Permit Processing Detailed Schedule of Changes to the MRP

Title of Application: 04-000 7/9/03 TA Response (Lila Canyon Extension)

Permit Number: ACT/007/013

Page 1/3

Mine: Horse Canyon

Permittee: UtahAmerican Energy, Inc.

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

|                              | DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED |                                 |   |
|------------------------------|--|---------------------------------|---|
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Page 12, 13 Chapter 1 Text  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Dan Larsen's and Tom Suchoski's Resumes to Appendix 1-5                               |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Plate 1-2   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Table of Contents, Pages 8-10, 13, 14, 16, and 19 of Chapter 2 Text                   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Soil Sample Results to the end of Appendix 2-3  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Plate 2-1   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Plate 2-2   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Plate 2-3   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Plate 2-4   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | All Text Chapter 3  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Appendix 3-1 with New Appendix 3-1 (Dr. Kings Inventory)                              |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Remove Appendix 3-2 and 3-2A (Including Tabs)   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Appendix 3-1 TAB  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Appendix 3-2 TAB  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <b>MOVE</b>                     | Move material from Appendix 3-7 to Appendix 3-2. The old Appendix 3-7 is now App 3-2. |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Appendix 3-7 Tab  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | T&E list with submitted current list  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Cover Page and Page 1 of Appendix 3-4 (T&E Survey 1999)                               |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | EIS letter to front of Appendix 3-4   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | DR. Willey's report to end of Appendix 3-4  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | MSO Survey Plans in Appendix 3-4  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | 1980 DWR Letter, 1990 Letters, 1990 Survey From Appendix 3-5                          |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE                     | <input type="checkbox"/> REMOVE | Old Raptor survey with new 2003 survey in Appendix 3-5                                |

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

## Application for Permit Processing Detailed Schedule of Changes to the MRP

Title of Application: 04-000 7/9/03 TA Response (Lila Canyon Extension))

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Page 2/3

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|   | DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED         |
|---|--|
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 3-1  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 3-2  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | T.O.C., Page 4,7,10-21 Chapter 4 Text                        |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Miller Field Notes to end of Appendix 4-1                    |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 4-1  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 4-3  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 4-4  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | All Chapter 5 Text   |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Road Design to Appendix 5-4, Mine Facility and Portal Access |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Appendix 5-5 All   |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Figure 1 of Appendix 5-7                                     |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Figure 2 of Appendix 5-7                                     |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Pages 1, 3 of Appendix 5-8                                   |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-1  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-1A   |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-2  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-3  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-4  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-5  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-6  |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-7A-2   |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Plate 5-7A-3   |
| <input type="checkbox"/> ADD <input type="checkbox"/> REPLACE <input type="checkbox"/> REMOVE | Pages 34-41 Chapter 6 Text                                   |

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

## Application for Permit Processing Detailed Schedule of Changes to the MRP

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### DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED

|                              |                                  |                                 | DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED                    |
|------------------------------|----------------------------------|---------------------------------|---|
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Plate 6-1 added H2O monitoring locations                                |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | All Text Chapter 7  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Page 1 of 89 water monitoring Appendix 7-2                              |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Appendix 7-3 PHC All  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Appendix 7-7 All  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Plate 7-2   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Plate 7-3   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Plate 7-5   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Plate 7-6   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Plate 7-7   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Pages 16, 17 of Appendix 7-8  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | All Text Chapter 8  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Appendix 8-1  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Appendix 8-2  |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE | Appendix 7-9 (Right Fork of Lila Canyon Flow and Geomorphic Evaluation) |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE |   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE |   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE |   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE |   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE |   |
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| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE |   |
| <input type="checkbox"/> ADD | <input type="checkbox"/> REPLACE | <input type="checkbox"/> REMOVE |   |

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?