

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

Permitte Name	Lodestar Energy, Inc.
Mine Name	White Oak #1, White Oak #2 and Whisky Creek No.1
Operator Name (If other than permittee)	
Permit Expiration Date	August 24, 2004
Permit Number	C/007/001
Authorized Representative Title	David B. Miller, Business Manager
Phone Number	(435) 448-9455
Fax Number	(435) 448-9456
E-mail Address	dave.miller@lodestareng.com or millerdbnrj1@msn.com
Mailing Address	HC35 Box 370, Helper, UT 84526
Resident Agent	David B. Miller, Business Manager
Resident Agent Mailing Address	HC35 Box 370, Helper, UT 84526
Number of Binders Submitted	2 copies (1 binder each)

## IDENTIFICATION OF OTHER PERMITS

Identify other permits that are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expiration Date
MSHA Mine ID(s)	42-01279	White Oak #1 (sealed)	N/A
	42-01280	White Oak #2 (sealed)	N/A
	42-02315	Whisky Creek No.1 and Loadout	N/A
MSHA Impoundment(s)		None	
NPDES/UPDES Permit(s)	UT0022985	Sediment Pond 001	2003
	UT0022985	Sediment Pond 002	2003
	UT0022985	Sediment Pond 003	2003
	UT0022985	Sediment Pond 004	2003
	UT0022985	Concrete Sediment Pond 005 (idle)	2003
	UT0022985	Dugout D-1 Replaces Pond 005	2003
PSD Permit(s) (Air)	DAQE-960-96	Approval Order	N/A
	DAQE-052-02	Modified Approval Order	N/A

### Other


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MAR 15 2002

DIV OF OIL GAS & MINING

**CERTIFIED REPORTS**

List the certified inspection reports as required by the rules and under the approved plan that must be periodically submitted to the Division. Specify whether the information is included as Appendix A to this report or currently on file with the Division.

Certified Reports:	Required		Included or on file with DOGM		Comments
	Yes	No	Included	On File	
Excess Spoil Piles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Refuse Piles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**REPORTING OF OTHER TECHNICAL DATA**

List other technical data and information as required under the approved plan, which must be periodically submitted to the Division. Specify whether the information is included as Appendix B to this report or currently on file with the Division.

Technical Data:	Required		Included or on file with DOGM		Comments
	Yes	No	Included	On file	
Climatological	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Subsidence Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Vegetation Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Raptor Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Survey of new areas of planned subsidence or planned surface disturbance
Soils Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
First quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Second quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Third quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fourth quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Geological / Geophysical	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION**

Change in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is Requesting that each permittee review and update the legal, financial, compliance and related information in the plan as part of the annual report. Provide the department of Commerce, annual Report of Officers, or other equivalent information as necessary





**APPENDIX A**

**Certified Reports**

Excess Spoil Piles  
Refuse Piles  
Impoundments

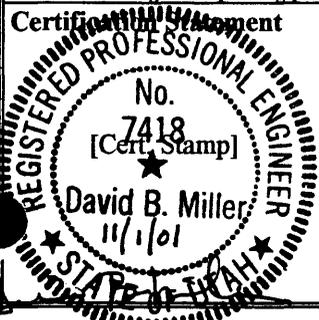
As required under R645-301-514

**ANNUAL INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE**

Permit Number	C/007/001	Report Date	11-1-01
Mine Name	White Oak Mine		
Company Name	Lodestar Energy, Inc.		
Excess Spoil Pile or Refuse Pile Identification	Pile Name		
Inspection Date	10-31-01		
Inspected By	Kit Pappas		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Quarterly/Annual		
	Attachments to Report? <input type="checkbox"/> NO		

**Field Evaluation**

- Foundation preparation, including the removal of all organic material and topsoil.**  
Approximately 300 cu. Yards of material had been placed along roadway at South end of pile at time of inspection. No organic material or topsoil was removed as area is already disturbed. No foundation work done.
- Placement of underdrains and protective filter systems.**  
No underdrains placed in this area, as this area will be affected by surface mining.
- Installation of final surface drainage systems.**  
No new drainage structures constructed, as this area will be affected by surface mining.
- Placement and compaction of fill materials.**  
Material was placed and spread by dozer. The area will be re-disturbed as part of surface mine. The area appears stable. No erosion has occurred.
- Final grading and revegetation of fill.**  
The area has been rough graded and will be re-disturbed by surface mining operations. No revegetation was done during the year. Natural revegetation is growing well.
- Appearances of instability, structural weakness, and other hazardous conditions.**  
No instability, structural weakness or other hazardous conditions were found during the inspection.
- Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.**



I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed 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 conditions of the structure affecting stability.

By: David B. Miller, Business Manager  
 (Full Name and Title)  
 Signature: [Handwritten Signature] Date: 11/1/01  
 P.E. Number & State: 7418 - Utah

**ANNUAL INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE**

Permit Number	C/007/001	Report Date	09-19-01
Mine Name	White Oak Mine		
Company Name	Lodestar Energy, Inc.		
Excess Spoil Pile or Refuse Pile Identification	File Name		
Inspection Date	09-19-01		
Inspected By	Richard C. Richey		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly		
	Attachments to Report? <input checked="" type="checkbox"/> NO		

**Field Evaluation**

1. Foundation preparation, including the removal of all organic material and topsoil.  
No placement of material this quarter. No foundation work done.
2. Placement of underdrains and protective filter systems.  
No placement of material this quarter.
3. Installation of final surface drainage systems.  
No placement of material this quarter. No new drainage structures constructed.
4. Placement and compaction of fill materials.  
No placement of material this quarter. The area appears stable. There was no movement of material noted during the inspection. No erosion has occurred.
5. Final grading and revegetation of fill.  
No placement of material this quarter. No revegetation was done during the year. Natural revegetation is growing well.
6. Appearances of instability, structural weakness, and other hazardous conditions.  
No instability, structural weakness or other hazardous conditions were found during the inspection.
7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

**Certification Statement**

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed 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 conditions of the structure affecting stability.

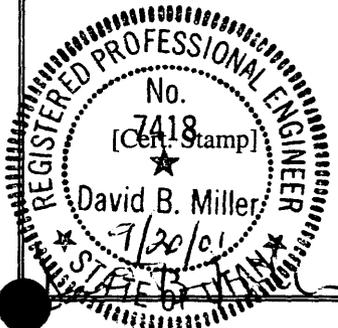
By: David B. Miller; Business Manager

(Full Name and Title)

Signature: David B. Miller

Date: 9/20/01

P.E. Number & State: 7418 - Utah



**ANNUAL INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE** Page 1 of 1

Permit Number	C/007/001	Report Date	5-31-2001
Mine Name	White Oak Mine		
Company Name	Lodestar Energy, Inc.		
Excess Spoil Pile or Refuse Pile Identification	Pile Name		
Inspection Date	5-25-01		
Inspected By	Rick Richey		

<b>Reason for Inspection</b> <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	2 <sup>nd</sup> Quarter  Attachments to Report? <input type="checkbox"/> NO
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**Field Evaluation**

1. **Foundation preparation, including the removal of all organic material and topsoil.**  
 Minimal placement of rock material 2nd quarter. No foundation work done.
2. **Placement of underdrains and protective filter systems.**  
 No placement of any drainage or filter in 2nd quarter.
3. **Installation of final surface drainage systems.**  
 No new drainage structures constructed. The ditches associated with the spoil pile drain to Pond 004 and are in good shape.
4. **Placement and compaction of fill materials.**  
 Placement of rock material 2nd quarter. The area appears stable. There was no movement of material noted during the inspection. No erosion is occurring on the slopes.
5. **Final grading and revegetation of fill.**  
 No revegetation was done during the year. Natural revegetation is growing well.
6. **Appearances of instability, structural weakness, and other hazardous conditions.**  
  
 No instability, structural weakness or other hazardous conditions were found during the inspection.

7. **Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.**

**Certification Statement**

No. 7418  
 [Cert Stamp]  
 David B. Miller  
 6/1/01

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed 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 conditions of the structure affecting stability.

By: David B. Miller; Business Manager  
(Full Name and Title)  
 Signature: *David B. Miller* Date: 6/1/01  
 P.E. Number & State: 7418 - Utah

<b>ANNUAL INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE</b>		<b>Page 1 of 1</b>	
<b>Permit Number</b>	C/007/001	<b>Report Date</b>	03-09-01
<b>Mine Name</b>	White Oak Mine		
<b>Company Name</b>	Lodestar Energy, Inc.		
<b>Excess Spoil Pile or Refuse Pile Identification</b>	<b>Pile Name</b>		
<b>Inspection Date</b>	03-09-01		
<b>Inspected By</b>	Garin B. Harada accompanied by Pete Hess		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Quarterly	
		<b>Attachments to Report?</b> <input type="checkbox"/> NO	
<b>Field Evaluation</b>			
1. <b>Foundation preparation, including the removal of all organic material and topsoil.</b> No placement of material this quarter. No foundation work done.			
2. <b>Placement of underdrains and protective filter systems.</b> No placement of material this quarter.			
3. <b>Installation of final surface drainage systems.</b> No placement of material this quarter. No new drainage structures constructed. Entire spoil pile covered with approx. 3' snow			
<b>Placement and compaction of fill materials.</b> No placement of material this quarter. Entire spoil pile covered with approx. 3' snow The area appears stable. There was no movement of material noted during the inspection.			
5. <b>Final grading and revegetation of fill.</b> No placement of material this quarter. No revegetation was done during the year. Entire spoil pile covered with approx. 3' snow			
6. <b>Appearances of instability, structural weakness, and other hazardous conditions.</b> No instability, structural weakness or other hazardous conditions were found during the inspection.			
7. <b>Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.</b>			
<b>Certification Statement</b>  No. 7418 State of Utah David B. Miller		I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed 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 conditions of the structure affecting stability. <b>By:</b> <u>David B. Miller, Business Manager</u> (Full Name and Title) <b>Signature:</b> <u>[Handwritten Signature]</u> <b>P.E. Number &amp; State:</b> <u>7418 - Utah</u> <b>Date:</b> <u>3/9/01</u>	

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Page 1 of 1
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Permit Number	C/007/001	Report Date: 11-1-01	
Mine Name	White Oak		
Company Name	Lodestar Energy, Inc		
Impoundment Identification	Impoundment Number	001	
	UPDES Permit Number	UTG040021	

<b>IMPOUNDMENT INSPECTION</b>
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Inspection Date	10-31-01		
Inspected By	Kit Pappas		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Quarterly Inspection / <i>Annual</i>		

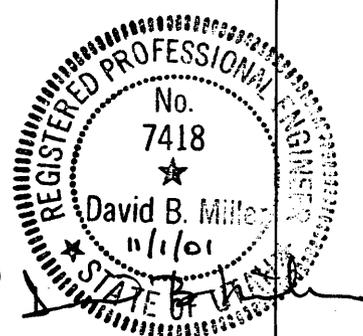
**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**  
 No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. No Hazardous conditions noted.

Required for an impoundment which functions as a SEDIMENTATION POND.

**2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.**  
 60% Sediment Storage – 7809.3  
 100 % Sediment Storage – 7816.1  
 Water level is approx. 9 feet below the primary spillway invert. (7811.1)

**3. Principle and emergency spillway elevations.**  
 Principle Spillway – 7816.10 Feet  
 Emergency Spillway – 7818.8 Feet

**4. Field Information**  
 All the embankments were well vegetated and stable. There was no evidence of discharge seen at time of inspection. There was evidence of wildlife around the pond. There was no trash around the pond area.



<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 1</b>
<b>Permit Number</b>	C/007/001	<b>Report Date:</b> 11-01-01
<b>Mine Name</b>	White Oak	
<b>Company Name</b>	Lodestar Energy, Inc	
<b>Impoundment Identification</b>	<b>Impoundment Number</b>	002
	<b>UPDES Permit Number</b>	UTG040021

**IMPOUNDMENT INSPECTION**

<b>Inspection Date</b>	10-31-01
<b>Inspected By</b>	Kit Pappas
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection / <i>Annual</i>

**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**  
 No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. The rip-rap protection on the embankment next to the creek was intact. No hazardous conditions were noted.

<b>Required for an impoundment which functions as a SEDIMENTATION POND.</b>	<b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b>  60% Sediment Storage – 7827.6 100 % Sediment Storage – 7835.4 Water level is approx. 2.5 feet below the primary spillway invert. (7834.4)
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<b>3. Principle and emergency spillway elevations.</b> Principle Spillway – 7835.4 Feet Emergency Spillway – 7836.3 Feet
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<b>4. Field Information</b> All embankments were well vegetated and stable. There was no evidence of discharge from the pond during inspection. There was evidence of wildlife around the pond.
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<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 1</b>
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<b>Permit Number</b>	C/007/001	<b>Report Date:</b> 11-1-01	
<b>Mine Name</b>	White Oak		
<b>Company Name</b>	Lodestar Energy, Inc		
<b>Impoundment Identification</b>	<b>Impoundment Number</b>	003	
	<b>UPDES Permit Number</b>	UTG040021	

<b>IMPOUNDMENT INSPECTION</b>
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<b>Inspection Date</b>	10-31-01
<b>Inspected By</b>	Kit Pappas

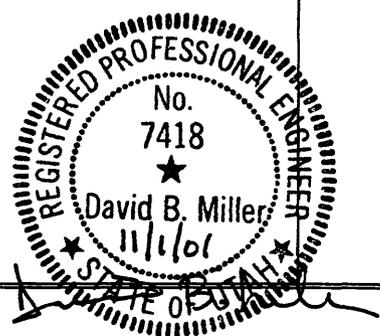
<b>Reason for Inspection</b> <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Quarterly Inspection / <i>Annual</i>
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**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**  
 No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were ncted.

<b>Required for an impoundment which functions as a SEDIMENTATION POND.</b>	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></p> <p>60% Sediment Storage – 7858.2                  100 % Sediment Storage – 7863.2                  Water level is 5.5 feet below the primary spillway invert. (7860.0)</p>
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	<p><b>3. Principle and emergency spillway elevations.</b></p> <p>Principle Spillway – 7863.2 Feet                  Emergency Spillway – 7865.5 Feet</p>
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	<p><b>4. Field Information</b></p> <p>The embankments were well vegetated and stable. There was no evidence of discharge seen at time of inspection. There was evidence of wildlife around the pond. Discharge culverts were clear and open.</p>
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<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Page 1 of 1	
Permit Number	C/007/001	Report Date:	11-1-01
Mine Name	White Oak		
Company Name	Lodestar Energy, Inc		
Impoundment Identification	Impoundment Number	004	
	UPDES Permit Number	UTG040021	

**IMPOUNDMENT INSPECTION**

Inspection Date	10-31-01		
Inspected By	Kit Pappas		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Quarterly Inspection / <i>Annual</i>		

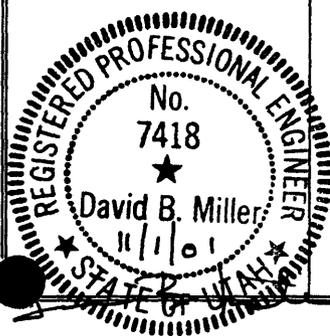
1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.  
 No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were noted.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.  
 60% Sediment Storage – 8868.86  
 100 % Sediment Storage – 8874.43  
 Available sediment storage : Small delta of sediment at inlet to pond.

3. Principle and emergency spillway elevations.  
 Principle Spillway – 8874.93Feet  
 Emergency Spillway – 8876 Feet

The pond was not discharging at time of inspection. No water was flowing into the pond during the inspection, the inlets and outlet were stable. No instability was noted on the downstream embankment. Evidence of wildlife around pond. The pond was cleaned two years ago.



**IMPOUNDMENT INSPECTION AND CERTIFIED REPORT**

Permit Number	C/007/001	Report Date: 11-01-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	005
	UPDES Permit Number	UTG040021

**IMPOUNDMENT INSPECTION**

Inspection Date	10-31-01	
Inspected By	Kit Pappas	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection / <i>Annual</i>	

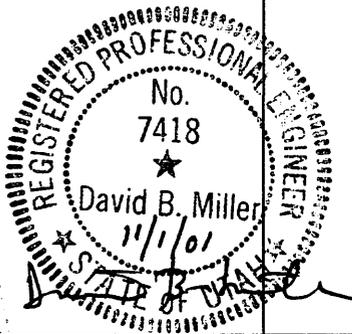
1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.  
 There was no sign of instability, structural weakness or hazardous conditions during the pond inspection. There was no discharge. The pond is not currently used for sediment control.

Required for an impoundment which functions as a SEDIMENTATION POND.

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

3. Principle and emergency spillway elevations.  
 Principle Spillway -  
 Emergency Spillway -

4. Field Information  
 No longer in use. The pond was not discharging. There were no signs of instability, structural weakness or hazardous conditions around pond during the inspection. Water has been left standing in the pond for at least the last two years.



<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 1</b>
Permit Number	C/007/001	Report Date: 12-6-01
Mine Name	Whisky Creek Surface Mine	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	DUGOUT D-1
	UPDES Permit Number	UTG040021

**IMPOUNDMENT INSPECTION**

Inspection Date	12-8-01
Inspected By	David B. Miller

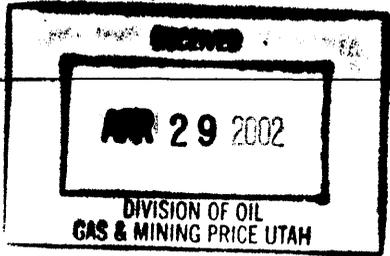
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Completion of Initial Construction
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1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.  
 The pond is constructed as an incised structure. The exposed side of the pond is natural material and not placed. The back slopes look stable and are of natural in place material. No instabilities were observed. This pond is temporary controlling disturbance made during timbering and topsoil removal. The permanent pond to be installed once mining has passed this location.

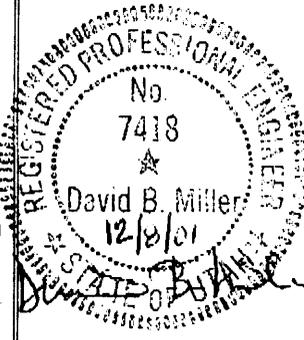
Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.  
 60% Sediment Storage - 8972.6  
 100 % Sediment Storage - 8974

3. Principle and emergency spillway elevations.  
 Principle Spillway -8974.3



4. Field Information  
 The pond was cut completely in undisturbed material. The out slope of the pond berm is natural material and is steeper than design grade. This is because design is for placed material. Pond will be reconstructed like the design once the active pit passes this pond location. The pit will serve as the pond while the mining process passes through the pond location. Pond dimensions are as follows: Bottom 45ft wide by 100 ft long. Bottom elevation 8970.5 ft, inlet elevation 8977.9 ft, elevation of top of pond 8975.8 ft. The berm at top of pond is 8.5 to 10ft wide. Spillway elevation is 8974ft and is 10 ft wide at top of pond. The width of the pond at top of pond to west wall is 60 feet.



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1	
Permit Number	C/007/001	Report Date: 09-14-01	
Mine Name	White Oak		
Company Name	Lodestar Energy, Inc		
Impoundment Identification	Impoundment Number	001	
	UPDES Permit Number	UTG040021	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	09-14-01		
Inspected By	Richard C. Richey		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Quarterly Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition. No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. No Hazardous conditions noted.</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage - 7809.3 100 % Sediment Storage - 7816.1 Water level is approx. 9 feet below the primary spillway invert. (7811.1)</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway - 7816.10 Feet Emergency Spillway - 7818.8 Feet</p>		
	<p>4. Field Information</p> <p>All the embankments were well vegetated and stable. There was no evidence of discharge seen at time of inspection. There was evidence of wildlife around the pond. There was no trash around the pond area.</p>		

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 09-14-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	002
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	09-14-01	
Inspected By	Richard C. Richey	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. The rip-rap protection on the embankment next to the creek was intact. No hazardous conditions were noted.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage - 7827.6  100 % Sediment Storage - 7835.4  Water level is approx. 2.5 feet below the primary spillway invert. (7834.4)</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway - 7835.4 Feet  Emergency Spillway - 7836.3 Feet</p>	
	<p>4. Field Information</p> <p>All embankments were well vegetated and stable. There was no evidence of discharge from the pond during inspection. There was evidence of wildlife around the pond.</p>	

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1	
Permit Number	C/007/001	Report Date:	09-14-01
Mine Name	White Oak		
Company Name	Lodestar Energy, Inc		
Impoundment Identification	Impoundment Number	003	
	UPDES Permit Number	UTG040021	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	09-14-01		
Inspected By	Richard C. Richey		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.  No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were noted.</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage - 7858.2  100 % Sediment Storage - 7863.2  Water level is 5.5 feet below the primary spillway invert. (7860.0)</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway - 7863.2 Feet  Emergency Spillway - 7865.5 Feet</p>		
	<p>4. Field Information</p> <p>The embankments were well vegetated and stable. There was no evidence of discharge seen at time of inspection. There was evidence of wildlife around the pond. Discharge culverts were clear and open.</p>		

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 1</b>
Permit Number	C/007/001	Report Date: 09-14-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	004
	UPDES Permit Number	UTG040021

**IMPOUNDMENT INSPECTION**

Inspection Date	09-14-01	
Inspected By	Richard C. Richey	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	

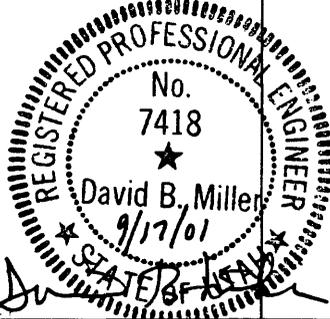
1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.  
 No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were noted.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.  
 60% Sediment Storage - 8868.86  
 100 % Sediment Storage - 8874.43  
 Available sediment storage : Small delta of sediment at inlet to pond.

3. Principle and emergency spillway elevations.  
 Principle Spillway - 8874.93Feet  
 Emergency Spillway - 8876 Feet

The pond was not discharging at time of inspection. No water was flowing into the pond during the inspection, the inlets and outlet were stable. No instability was noted on the downstream embankment. Evidence of wildlife around pond. The pond was cleaned two years ago. The trash that had blown off of the dumpsters located above the pond has been cleaned up throughout the quarter.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 09-13-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	005
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	09-13-01	
Inspected By	Richard C. Richey	
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Quarterly Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>There was no sign of instability, structural weakness or hazardous conditions during the pond inspection. There was no discharge. The pond is not currently used for sediment control.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage -</p> <p>100 % Sediment Storage -</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway -</p> <p>Emergency Spillway -</p>	
	<p>4. Field Information</p> <p>No longer in use. The pond was not discharging. There were no signs of instability, structural weakness or hazardous conditions around pond during the inspection. Water has been left standing in the pond for at least the last two years.</p>	
		

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1	
Permit Number	C/007/001	Report Date: 05-30-01	
Mine Name	White Oak		
Company Name	Lodestar Energy, Inc		
Impoundment Identification	Impoundment Number	001	
	UPDES Permit Number	UTG040021	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	05-30-01		
Inspected By	Richard C. Richey		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	Quarterly Inspection		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.            No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. No Hazardous conditions noted.</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage - 7809.3            100 % Sediment Storage - 7816.1            Ice level is approx. 5 feet below the primary spillway invert. (7811.1)</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway - 7816.10 Feet            Emergency Spillway - 7818.8 Feet</p>		
	<p>4. Field Information</p> <p>All the embankments were well vegetated and stable. There was no evidence of discharge seen at time of inspection. There was evidence of wildlife around the pond. There was no trash around the pond area.</p>		

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 05-30-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	002
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	05-30-01	
Inspected By	Richard C. Richey	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. The rip-rap protection on the embankment next to the creek was intact. No hazardous conditions were noted.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage - 7827.6  100 % Sediment Storage - 7835.4  Ice level is approx. 1ft. feet below the primary spillway invert. (7834.4</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway - 7835.4 Feet  Emergency Spillway - 7836.3 Feet</p>	
	<p>4. Field Information</p> <p>All embankments were well vegetated and stable. There was no evidence of discharge from the pond during inspection. There was evidence of wildlife around the pond.</p>	

**IMPOUNDMENT INSPECTION AND CERTIFIED REPORT**

Page 1 of 1

Permit Number	C/007/001	Report Date: 05-30-01
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Mine Name	White Oak
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Company Name	Lodestar Energy, Inc
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Impoundment Identification	Impoundment Number	003
	UPDES Permit Number	UTGO40021

**IMPOUNDMENT INSPECTION**

Inspection Date	05-30-01
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Inspected By	Richard C. Richey
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Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection
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**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**

No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were noted.

Required for an impoundment which functions as a SEDIMENTATION POND.	<b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b>
	60% Sediment Storage - 7858.2
	100 % Sediment Storage - 7863.2
	Ice level is 3.2 feet below the primary spillway invert. (7860.0)
	<b>3. Principle and emergency spillway elevations.</b>
	Principle Spillway - 7863.2 Feet
	Emergency Spillway - 7865.5 Feet
	<b>4. Field Information</b>
	The embankments were well vegetated and stable. There was no evidence of discharge was seen at time of inspection. There was evidence of wildlife around the pond. Discharge culverts were clear and open.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 05-01-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	004
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	04-25-01	
Inspected By	Richard C. Richey	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.            No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were noted.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage - 8868.86            100 % Sediment Storage - 8874.43            Available sediment storage : Small delta of sediment at inlet to pond.</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway - 8874.93Feet            Emergency Spillway - 8876 Feet</p>	
	<p>The pond was discharging about 6-10 gallons per minute. Samples were taken last week. Water was flowing into the pond during the inspection, the inlets and outlet were stable. No instability was noted on the downstream embankment. Evidence of wildlife around pond. The pond was cleaned two years ago. Trash that had blown off of the dumpsters located above the pond has been cleaned up throughout the quarter.</p>	

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 1</b>
Permit Number	C/007/001	Report Date: 05-30-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	005
	UPDES Permit Number	UTG040021

**IMPOUNDMENT INSPECTION**

Inspection Date	05-30-01
Inspected By	Richard C. Richey
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection

**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**  
 There was no sign of instability, structural weakness or hazardous conditions during the pond inspection. There was no discharge. The pond is not currently used for sediment control.

Required for an impoundment which functions as a SEDIMENTATION POND.	<b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b> 60% Sediment Storage - 100 % Sediment Storage -
	<b>3. Principle and emergency spillway elevations.</b> Principle Spillway - Emergency Spillway -
	<b>4. Field Information</b> No longer in use. The pond was not discharging. There were no signs of instability, structural weakness or hazardous conditions around pond during the inspection. Water has been left standing in the pond for at least the last two years.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 03-09-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	001
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	03-09-01	
Inspected By	Garin B. Harada accompanied by Pete Hess	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	
<p><b>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</b>            No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. No Hazardous conditions noted.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b>            60% Sediment Storage – 7809.3            100 % Sediment Storage – 7816.1            Ice level is approx. 5 feet below the primary spillway invert. (7811.1)</p>	
	<p><b>3. Principle and emergency spillway elevations.</b>            Principle Spillway – 7816.10 Feet            Emergency Spillway – 7818.8 Feet</p>	
	<p><b>4. Field Information</b>            Impoundment was covered with approx. 2" of snow. All embankments appeared well vegetated and stable. No evidence of discharge seen during the inspection. Evidence of wildlife around pond.</p>	

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 03-09-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	002
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	03-09-01	
Inspected By	Garin B. Harada accompanied by Pete Hess	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	
<p><b>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</b>  No signs of instability were noted in this pond. There are no signs of slumping in the pond or on the embankment. The rip-rap protection on the embankment next to the creek was intact. No hazardous conditions were noted.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b>  60% Sediment Storage – 7827.6  100 % Sediment Storage – 7835.4  Ice level is approx. 1ft. feet below the primary spillway invert. (7834.4</p>	
	<p><b>3. Principle and emergency spillway elevations.</b>  Principle Spillway – 7835.4 Feet  Emergency Spillway – 7836.3 Feet</p>	
	<p><b>4. Field Information</b>  Impoundment was covered with approx. 2" of snow. All embankments appeared well vegetated and stable. No evidence of discharge seen during the inspection.. Ice in the pond prevented direct observation of the sediment level-When the pond dries out it may need to be cleaned.NO water was being discharged.</p>	

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 03-09-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	003
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	03-09-01	
Inspected By	Garin B. Harada accompanied by Pete Hess	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.            No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were noted.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage – 7858.2            100 % Sediment Storage – 7863.2            Ice level is 3.2 feet below the primary spillway invert. (7860.0)</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway – 7863.2 Feet            Emergency Spillway – 7865.5 Feet</p>	
	<p>4. Field Information</p> <p>Impoundment was covered with approx. 2" of snow. All embankments appeared well vegetated and stable. No evidence of discharge seen during the inspection. NO water was being discharged. Discharge culverts were clear and showed no sign of recent flows. No leaks through the embankment were observed.</p>	

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/001	Report Date: 03-09-01
Mine Name	White Oak	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	004
	UPDES Permit Number	UTG040021
<b>IMPOUNDMENT INSPECTION</b>		
Inspection Date	03-09-01	
Inspected By	Garin B. Harada accompanied by Pete Hess	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No signs of instability were noted at this pond. There were no signs of slumping in the pond or on the embankment. No hazardous conditions were noted.</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage – 8868.86  100 % Sediment Storage – 8874.43  Available sediment storage : Small delta of sediment at inlet to pond. Pond is completely covered with approx. 2' of snow.</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway – 8874.93Feet  Emergency Spillway – 8876 Feet</p>	
	<p>4. Field Information</p> <p>The pond was completely covered with snow and iced over. The pond was not discharging at the time of inspection. No instability was noted on the downstream embankment.. The pond was cleaned two years ago.</p>	

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 1	
Permit Number	C/007/001	Report Date:	03-09-01
Mine Name	White Oak		
Company Name	Lodestar Energy, Inc		
Impoundment Identification	Impoundment Number	005	
	UPDES Permit Number	UTG040021	
IMPOUNDMENT INSPECTION			
Inspection Date	03-09-01		
Inspected By	Garin B. Harada accompanied by Pete Hess		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition. Concrete pond structure. No longer in use no water has been pumped from underground to this structure during 2000 and there has been no discharge of this pond in 2000.</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>60% Sediment Storage – 100 % Sediment Storage –</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway – Emergency Spillway –</p>		
	<p>4. Field Information</p> <p>No longer in use. Entire pond covered with approx. 3 feet of snow Water has been left standing in this pond for at least a year and six months. The structure could be reactivated if necessary.</p>		

**IMPOUNDMENT INSPECTION AND CERTIFIED REPORT**

Permit Number	C/007/001	Report Date: 12-6-01
Mine Name	Whisky Creek Surface Mine	
Company Name	Lodestar Energy, Inc	
Impoundment Identification	Impoundment Number	DUGOUT D-1
	UPDES Permit Number	UTG040021

**IMPOUNDMENT INSPECTION**

Inspection Date	12-8-01
Inspected By	David B. Miller
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Completion of Initial Construction

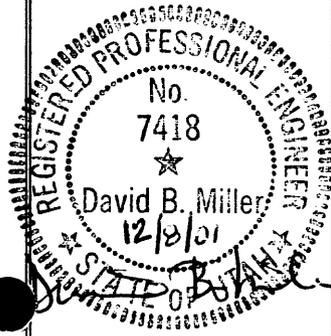
1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.  
 The pond is constructed as an incised structure. The exposed side of the pond is natural material and not placed. The back slopes look stable and are of natural in place material. No instabilities were observed. This pond is temporary controlling disturbance made during timbering and topsoil removal. The permanent pond to be installed once mining has passed this location.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.  
 60% Sediment Storage – 8972.6  
 100 % Sediment Storage – 8974

3. Principle and emergency spillway elevations.  
 Principle Spillway –8974.3

4. Field Information  
 The pond was cut completely in undisturbed material. The out slope of the pond berm is natural material and is steeper than design grade. This is because design is for placed material. Pond will be reconstructed like the design once the active pit passes this pond location. The pit will serve as the pond while the mining process passes through the pond location. Pond dimensions are as follows: Bottom 45ft wide by 100 ft long. Bottom elevation 8970.5 ft, inlet elevation 8977.9 ft, elevation of top of pond 8975.8 ft. The berm at top of pond is 8.5 to 10ft wide. Spillway elevation is 8974ft and is 10 ft wide at top of pond. The width of the pond at top of pond to west wall is 60 feet.



**APPENDIX B**

**Reporting of Technical Data**

Including monitoring data, reports, maps, and other information  
As required under the approved plan or as required by the Division

In accordance with the requirement of R645-310-130 and R645-301-140

**SUBSIDENCE SURVEY LOG  
TAGGED SITES - 2001**

TAG NO.	DESCRIPTION	Year Surveyed	Year Healed <sup>(1)</sup>	LAT	LONG
1	Sinkhole	1986		39°52.726"	11°54.631"
2	Sinkhole with surrounding cracks	1983		40°01.650"	11°54.159"
3	Sinkhole	1987	2001	39°43"	11°20"
4	Crack/Fracture	1987		39°42.616"	11°10.749"
5	Fractures	1984	1998	39°47"	11°22"
6	Long cracks	1985	2001	39°22.445"	11°20.087"
7	Crack	1993	1998	NA	NA
8	Hole created by tree uprooting - not subsidence related	1994	NA	38°58"	11°26"
9, 10, 11	Unable to locate description of the subsidence features with these tag numbers	NA	NA	NA	NA
12	Cracks	1993	1998	39°39.38"	11°11.19"
13	Crack/Fracture	1993		39°42.539"	11°25.167"
14, 15	Unable to locate description of the subsidence features with these tag numbers	NA	NA	NA	NA
16	Cracks	1985	1998	39°46.527"	11°46.804"
17	Cracks	1985	1992	39°47.441"	11°18.210"
18	Cracks	1982	1998	40°00"	11°50"
19	Sinkhole	1982		39°05.618"	11°46.506"
20	Sinkholes	1983	2001	39°49"	11°15"
21	Fracture	1983	2001	39°47"	11°15"
22	Slope Failure	1986	2000	39°08"	11°48"
23	Sinkhole	1988		39°03.614"	11°32.964"
24	Sinkhole	1987	2001	39°02.788"	11°14.970"
25	Cracks/Fractures	1991		39°35.307"	11°10.981"
26	Crack/Fracture	1991		39°35.794"	11°17.138"
27	Cracks/Fractures	1991		39°40.614"	11°24.120"
28	Crack/Fracture	1991	1998	39°39.304"	11°09.672"
29	Crack	1991	1998	39°42.356"	11°09.083"
30	Ground Depression	1991	1998	39°45"	11°09"
31	Cracks	1991	1998/1999	39°47"	11°09"
32	Cracks	1991	1998	39°47.184"	11°25.196"

**SUBSIDENCE SURVEY LOG  
TAGGED SITES - 2001**

TAG NO.	DESCRIPTION	Year Surveyed	Year Healed <sup>(1)</sup>	LAT	LONG
33	Cracks	1991	1998	39'42.539"	11'25.167"
34	Cracks	1991	1998	39'39.189"	11'21.319"
35	Crack/Fracture	1987		39'44"	11'11"
36	Crack/Fracture	1987		39'44"	11'09"
37	Crack/Fracture	1991		39'48"	11'17"
38	Sinkhole	1991	1995	39'49.256"	11'21.361"
39	Crack/Fracture	1987		39'27.855"	11'22.084"
40	Fracture	1986	1998	39'11.679"	11'32.604"
41	Depression, not subsidence related	1986	1998	39'03"	12'23"
42	Crack not related to subsidence	1991	1998	40'01"	11'52"
43	Crack	1992	1998	39'55.119"	11'49.401"
44	Cracks	1985	1998	39'52.959"	11'48.144"
45	Crack	1994	1997	39'41"	11'09"
46	See note with Tag No. 9	NA	NA	NA	NA
47	Cracks	1984	1997	39'40"	11'11.44"
48	See note with Tag No. 9	NA	NA	NA	NA
49	Crack not caused by subsidence, hillside pulling away.	1992	1998	39'48"	11'08"
50	Crack/Fracture	1995		39'35"	11'15"
51	Hole/fracture, not subsidence related	1993	NA	NA	NA
52	Crack	1991	1998	39'38"	11'22"
53	Fracture/Cracks	1994	2000	39'15"	11'39"
54	Fracture/Crack	1994	NA	39'40"	11'13"
55	Slope Failure	1996	1998	NA	NA
56	Slope Failure	1996	1998	NA	NA
57, 58, 59	See note with Tag No. 9	NA	NA	NA	NA
60	Sinkhole	1994	2001	38'51"	11'17"

**SUBSIDENCE SURVEY LOG  
UNTAGGED SITES - 2001**

TAG NO.	DESCRIPTION	Year Surveyed	Year Healed <sup>(1)</sup>	LAT	LONG
A	Crack, same as Tag No. 19	1985	1997	NA	NA
B	Crack - 1' deep, 50' long	1988	1997/1999	NA	NA
G	Crack/Fracture	1987	1994	NA	NA
J	Crack/Fracture	1985	1992	NA	NA
M	Cracks/Fractures	1985	1994	NA	NA
P	Crack, believed natural	1986	1998	NA	NA
Q	Slope - not subsidence related	1996	NA	NA	NA

Latitudes (lat) are at 39 degrees, longitudes (long) are at 111 degrees.

(1) Designates the year the feature appeared healed, sufficiently healed to blend into the surrounding terrain, or the year the site was eliminated due to a determination that the feature was not subsidence related.

**2001 WALKING SUBSIDENCE SURVEY LOG  
TAGGED SITES**

TAG NO.	DESCRIPTION	LAT	LONG
1	Sinkhole, continuing to heal, water had collected in bottom, sinkhole is used by wildlife as a watering hole.	39°52.726"	11°54.631"
2	Sinkhole, well vegetated.	40°01.650"	11°54.159"
3	Sinkhole, has healed, unable to distinguish from adjacent area.	39°43"	11°20"
4	Crack/Fracture, primarily healed, difficult to distinguish from adjacent area.	39°42.616"	11°10.749"
6	Long cracks, unable to locate due to utility corridor installation.	39°22.445"	11°20.087"
13	Crack/Fracture, primarily healed, see note for Site 25.	39°42.539"	11°25.167"
19	Sinkhole, weathered and vegetated, used by wildlife as part of the path to adjacent spring.	39°05.618"	11°46.506"
20	Sinkhole, logging road goes through hole, minimal evidence of hole remains.	39°49"	11°15"
21	Fracture, unable to distinguish from adjacent contours and vegetation.	39°47"	11°15"
22	Slope Failure, blends with the surrounding terrain, well vegetated	39°08"	11°48"
23	Sinkhole, rim is well vegetating, standing water in bottom.	39°03.614"	11°32.964"
24	Sinkhole, unable to distinguish from adjacent contours and vegetation.	39°02.788"	11°14.970"
25	Cracks/Fractures, continuing to weather and heal, several fallen trees, heavily used by wildlife as path, animal burrows.	39°35.307"	11°10.981"
26	Crack/Fracture, see note for Site 25.	39°35.794"	11°17.138"
27	Cracks/Fractures, see note for Site 25.	39°40.614"	11°24.120"
35	Crack/Fracture, primarily healed - 20' left to heal, quaking aspen growing in the area.	39°44"	11°11"
36	Crack/Fracture, continuing to weather, should be healed within the next few years.	39°44"	11°09"
37	Crack/Fracture, continuing to weather, caved at the ends, vegetation in the bottom.	39°48"	11°17"
39	Crack/Fracture, unable to locate due to utility corridor installation.	39°27.855"	11°22.084"
50	Crack/Fracture, see note for Site 25.	39°35"	11°15"
60	Sinkhole, healed.	38°51"	11°17"

## 2001 WALKING SUBSIDENCE SURVEY REPORT

### Walking Survey

No new subsidence features were noted during the survey of the tagged sites listed on Table 1. All areas were vegetated and healing. During 2001, Sites 3, 6, 20, 21 24 and 60 were listed as healed. These sites had recovered enough that they blended with the surrounding vegetation and contours.

Additional activity in the area during 2001 included the installation of a gas pipeline. The construction of the corridor for the pipeline disturbed tagged subsidence sites No. 39 and No. 6. The activity by the heavy equipment associated with the construction of the corridor may have an effect in the future on other subsidence features in the area.

### Areas Re-surveyed in 2001

Township 13 South Range 6 East  
Section 36, Portions of S1/2 SE1/4 and Portions of S1/2 SW1/4  
Section 24, Portions of SE1/4

Township 14 South Range 6 East  
Section 1, Portions of NW1/4 NE1/4 and Portions of N1/2 NW1/4  
Section 2, Portions of E1/2 NE1/4

Subsidence features were not observed in the areas listed above, which were surveyed in 2000 and again in 2001.

### Coal and Cox Canyon Area

No subsidence related features were noted in the stream channel or the side slopes in the bottom of Coal and Cox Canyons.

**Raptor Survey 2001 for White Oak Mine C/007/001**

NEST_NO	X_UTM27	Y_UTM27	ID	YR	DATE	SPECIES	TYPE	STATUS01	EGGS	YNG	AGE	COMMENTS01
480	484523	4389382	803.0	2001	5/22/01	Red-tailed Hawk	Cliff	Not Found	99	99	99	
481	484500	4389387	803.5	2001	5/22/01	Red-tailed Hawk	Tree	Active	99	99	99	Hen on Nest
1167	482674	4390782	805.0	2001	5/22/01	Unknown	Tree	Not Found	99	99	99	
1168	482538	4390376	804.0	2001	5/22/01	Unknown	Tree	Not Found	99	99	99	

NEST_NO	STATUS_00	STATUS_99	STATUS_98	ELEVATION	COMPANY	QUAD	LAT_27	LONG_27	X_SP2_27	Y_SP2_27
480	Not Surveyed	Not Surveyed	Inactive	9200	Whiteoak	Scofield	39.655982693	111.180408220	2089979	481904
481	Not Surveyed	Not Surveyed	Active	9200	Whiteoak	Scofield	39.656027328	111.180676437	2089903	481920
1167	Not Surveyed	Inactive	Not Surveyed	9100	Whiteoak	Scofield	39.668561829	111.201997759	2083885	486464
1168	Not Surveyed	Inactive	Not Surveyed	9100	Whiteoak	Scofield	39.664900826	111.203572591	2083446	485129

Map(s) is kept with this Annual Report located in the Public Information Center of our Salt Lake City office.

**APPENDIX C**

**Legal Financial, Compliance and Related Information**

Annual Report of Officers  
As submitted to the Utah Department of Commerce

Other change in ownership and control information  
As required under R645-301-110

**APPENDIX D**

**Mine Maps**

As required under R645-302-525-270

Map(s) is kept with this Annual Report located in the Public Information Center of our Salt Lake City office.

**APPENDIX E**

**Other Information**

In accordance with the requirements of R645-301 and R645-302



DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WATER QUALITY

Water Quality Board

K.C. Shaw, P.E.  
Chairman

William R. Williams  
Vice Chairman

Robert G. Adams  
Nan Bunker

Ray M. Child, C.P.A.

John R. Cushing, Mayor

Neil K. Kochenour, M.D.

Dianne R. Nielson, Ph.D.

Ronald C. Sims, Ph.D.

Douglas E. Thompson, Mayor

J. Ann Wechsler

Don A. Ostler, P.E.  
Executive Secretary

Michael O. Leavitt  
Governor

Dianne R. Nielson, Ph.D.  
Executive Director

Don A. Ostler, P.E.  
Director

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www.deq.state.ut.us Web

November 15, 2001

Mr. Pappas

Lodestar Energy, Inc.  
White Oak Mining and Construction  
HC 35 Box 370  
Helper, UT 84526

Subject: Lodestar- White Oak Mining and Construction  
Compliance Evaluation Inspection Report

Dear Mr. Pappas:

Attached for your review are the results of the November 14, 2001 Compliance Evaluation Inspection conducted by Chris Imbrogno of the Division of Water Quality. There were no deficiencies.

If you have any questions regarding this report, feel free to contact me at (801) 538-6628.

Sincerely,

Chris Imbrogno  
Environmental Scientist  
Permits & Compliance Section

Enclosure

cc: Donna Inman, EPA Region VIII w/enclosure  
Claron Bjork, Southeastern Utah District Health Department

