*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 then 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

File in:
☐ Confidential
☑ Shelf
☒ Expandable
Refer to Record No 0069 Date 4/01/2002
In C/007/0001, 2008, Incoming
For additional information

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CERTIFIED REPORTS

List the certified inspection reports as required by the rules and udder the approved plan that must be periodically submitted t 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	☒	☐	☒	☐	
Refuse Piles	☐	☒	☐	☐	
Impoundments	☒	☐	☒	☐	
Other					
	☐	☐	☐	☐	
	☐	☐	☐	☐	

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	☐	☒	☐	☐	
Subsidence Monitoring	☒	☐	☒	☐	
Vegetation Monitoring	☐	☒	☐	☐	
Raptor Survey	☒	☐	☒	☐	Survey of new areas of planned subsidence or planned surface disturbance
Soils Monitoring	☐	☐	☐	☐	
Water Monitoring	☒	☐	☐	☐	
First quarter	☒	☐	☐	☒	
Second quarter	☒	☐	☐	☒	
Third quarter	☒	☐	☐	☒	
Fourth quarter	☒	☐	☐	☒	
Geological / Geophysical	☐	☒	☐	☐	
Engineering	☐	☐	☐	☐	
Other Data					
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	

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

to ensure that the information provided in the plan is current. Provide any other change as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include and certified financial statements, audits or worksheets which may be required to meet bonding requirements. Specify whether the information is currently on file with the Division or included as Appendix C to the report.

Legal / Financial Update	**Required**		**Included or on File with DOGM**		**Comments**
	Yes	No	Included	On file	
Department of Commerce, Annual Report Officers	☒	☐	☐	☒	
Other					
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	

MINE MAPS

Copies of mine maps, current and up-to-date through at least December 31, 2001, are to be provided to the Division as Appendix D to this report in accordance with the requirements of R 645-301-525.270. These map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Upon request, the Division shall keep mine maps confidential.

Map Number(s)	**Map Title/ Description**	**Confidential** Yes	No
	White Oak Mine #2 Final Map	☒	☐
	Whisky Creek Surface Mine Year End 2001	☒	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

OTHER INFORMATION

Please provide any comments of further information to be included as part of the Annual Report. Any other attachments are to be provided as Appendix E to this report. If information is submitted as a group rather then by individual mine, please identify each of the mine's data in the list below.

Additional attachment to this report? **Yes** ☒ **No** ☐

Department of Environmental Quality - Division of Water Quality (Compliance Evaluation Inspection Report 11/15/01)

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			Page 1 of 1
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 (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Quarterly/Annual	
		Attachments to Report? ☐NO	

Field Evaluation

1. 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.

2. Placement of underdrains and protective filter systems.

No underdrains placed in this area, as this area will be affected by surface mining.

3. Installation of final surface drainage systems.

No new drainage structures constructed, as this area will be affected by surface mining.

4. 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.

5. 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.

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

REGISTERED PROFESSIONAL ENGINEER No. 7418 [Cert. Stamp] David B. Miller 11/1/01 STATE OF UTAH

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:** 11/1/01

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**	09-19-01
Mine Name	White Oak Mine		
Company Name	Lodestar Energy, Inc.		
Excess Spoil Pile or Refuse Pile Identification	**Pile 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? ⏮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

REGISTERED PROFESSIONAL ENGINEER
No. 7418
[Cert. Stamp]
David B. Miller
9/20/01
STATE OF UTAH

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		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		2nd Quarter	
		Attachments to Report? ☐NO	

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.

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

REGISTERED PROFESSIONAL ENGINEER No. 7418 [Cert. Stamp] David B. Miller 6/1/01 STATE OF UTAH

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

ANNUAL INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE			Page 1 of 1
Permit Number	C/007/001	**Report Date**	03-09-01
Mine Name	White Oak Mine		
Company Name	Lodestar Energy, Inc.		
Excess Spoil Pile or Refuse Pile Identification	**Pile Name**		
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	
		Attachments to Report? ☐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. Entire spoil pile covered with approx. 3' snow

Placement and compaction of fill materials.

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. Final grading and revegetation of fill.

No placement of material this quarter. No revegetation was done during the year. Entire spoil pile covered with approx. 3' snow

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

REGISTERED PROFESSIONAL ENGINEER No. 7418 [Place Stamp] STATE OF UTAH

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: [signature] **Date:** 3/9/01

P.E. Number & State: 7418 - Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			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**	001	
	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 /Annual

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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
11/1/01
STATE OF UTAH

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

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.

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 – 7827.6
100 % Sediment Storage – 7835.4
Water level is approx. 2.5 feet below the primary spillway invert. (7834.4)

3. Principle and emergency spillway elevations.

Principle Spillway – 7835.4 Feet
Emergency Spillway – 7836.3 Feet

4. Field Information

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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
11/1/01
STATE OF UTAH

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			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**	003	
	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 / Annual

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.

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 – 7858.2
100 % Sediment Storage – 7863.2
Water level is 5.5 feet below the primary spillway invert. (7860.0)

3. Principle and emergency spillway elevations.

Principle Spillway – 7863.2 Feet
Emergency Spillway – 7865.5 Feet

4. Field Information

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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
11/1/01
STATE OF UTAH

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			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 (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly Inspection / Annual

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.

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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
11/1/01
STATE OF UTAH

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 1
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 /Annual	

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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
11/1/01
STATE OF UTAH

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 1
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

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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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
12/8/01
STATE OF UTAH

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	

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 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.

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	

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 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.

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 - 7827.6
100 % Sediment Storage - 7835.4
Water level is approx. 2.5 feet below the primary spillway invert. (7834.4)

3. Principle and emergency spillway elevations.

Principle Spillway - 7835.4 Feet
Emergency Spillway - 7836.3 Feet

4. Field Information

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.

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	

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 - 7858.2
100 % Sediment Storage - 7863.2
Water level is 5.5 feet below the primary spillway invert. (7860.0)

3. Principle and emergency spillway elevations.

Principle Spillway - 7863.2 Feet
Emergency Spillway - 7865.5 Feet

4. Field Information

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.

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**	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	

IMPOUNDMENT INSPECTION

Inspection Date	09-13-01
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.

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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
9/17/01
STATE OF UTAH

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	

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.

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
Ice level is approx. 5 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.

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	

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.

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.

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 - 7827.6
100 % Sediment Storage - 7835.4
Ice level is approx. 1ft. feet below the primary spillway invert. (7834.4

3. Principle and emergency spillway elevations.

Principle Spillway - 7835.4 Feet
Emergency Spillway - 7836.3 Feet

4. Field Information

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.

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**	003	
	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.

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 - 7858.2
100 % Sediment Storage - 7863.2
Ice level is 3.2 feet below the primary spillway invert. (7860.0)

3. Principle and emergency spillway elevations.

Principle Spillway - 7863.2 Feet
Emergency Spillway - 7865.5 Feet

4. Field Information

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	

IMPOUNDMENT INSPECTION

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

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 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.

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**	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.

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.

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	

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

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
Ice level is approx. 5 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

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.

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	

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

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.

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 – 7827.6
100 % Sediment Storage – 7835.4
Ice level is approx. 1ft. feet below the primary spillway invert. (7834.4

3. Principle and emergency spillway elevations.

Principle Spillway – 7835.4 Feet
Emergency Spillway – 7836.3 Feet

4. Field Information

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.

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	

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

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 – 7858.2
100 % Sediment Storage – 7863.2
Ice level is 3.2 feet below the primary spillway invert. (7860.0)

3. Principle and emergency spillway elevations.

Principle Spillway – 7863.2 Feet
Emergency Spillway – 7865.5 Feet

4. Field Information

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.

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	

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

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. Pond is completely covered with approx. 2' of snow.

3. Principle and emergency spillway elevations.

Principle Spillway – 8874.93Feet
Emergency Spillway – 8876 Feet

4. Field Information

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.

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

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.

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. 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.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 1
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.

REGISTERED PROFESSIONAL ENGINEER
No. 7418
David B. Miller
12/8/01
STATE OF UTAH

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[1]	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"	11'48.210"
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[1]	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(1)	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

APPENDIX C

Legal Financial, Compliance and Related Information

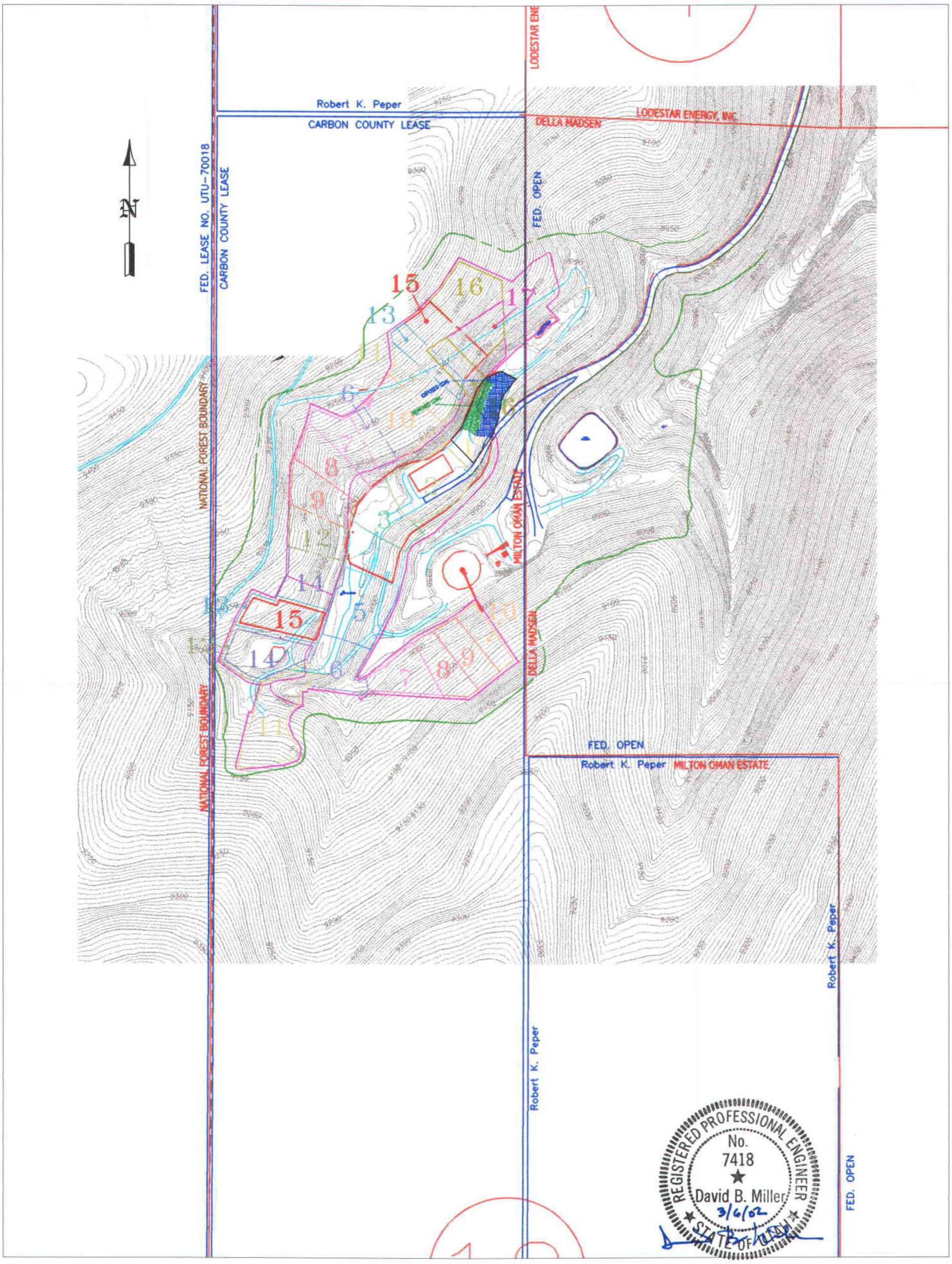
Annual Report of Officers
As submitted to the Utah Department of Commerce

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

APPENDIX D

Mine Maps

As required under R645-302-525-270



LEGEND:

RECEIVED
MAR 15 2002
DIVISION OF
OIL, GAS AND MINING

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

Drawn By: RR Lodestar Engineering	Date: March 06, 2002	Scale: 1" = 400'
Approval: DAVE MILLER	Drawing Location: C:\Rick\WhiteOak\StripMine\ ShaneMap1-02.dwg	

Drawing: **WHISKY CREEK SURFACE MINE YEAR END 2001**

MSHA ID: 42-02315

APPENDIX E

Other Information

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

Michael O. Leavitt
Governor
Dianne R. Nielson, Ph.D.
Executive Director
Don A. Ostler, P.E.
Director

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY

288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
(801) 538-6146
(801) 538-6016 Fax
(801) 536-4414 T.D.D.
www.deq.state.ut.us Web

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

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

Chris Imbrogno
Environmental Scientist
Permits & Compliance Section

Enclosure

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

United States Environmental Protection Agency
Washington, D. C. 20460

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	Yr/Mo/Day	Inspection Type	Inspector	Fac Type
1 N 2	3 UTG040021 11	12 011114 17	18 C	19 S	20 2

Remarks

21 _____ 66

Reserved	Facility Evaluation Rating	BI	QA	Reserved
67 69	70 4	71 N	72 N	73 74 75 80

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
LODESTAR ENERGY, INC. WHITE OAK MINING AND CONSTRUCTION HC 35 BOX 370 HELPER, UT 84526	09:30 AM	AUGUST 1, 1998
	Exit Time/Date 12:45 PM	Permit Expiration Date APRIL 30, 2003

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
KIT PAPPAS	ENVIRONMENTAL COORDINATOR	(435) 448-9455

Name, Address of Responsible Official	Title	
DAVID MILLER	BUSINESS MANAGER	
	Phone No. (435) 448-9455	Contacted YES

Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	N	Pretreatment	S	Operations & Maintenance
S	Records/Reports	S	Laboratory	N	Compliance Schedules	N	Sludge Disposal
	Facility Site Review	S	Effluent/Receiving Water	S	Self-Monitoring Program		Other:

Section D: Summary of Findings/Comments (*Attach additional sheets if necessary*)

CHRIS IMBROGNO MET WITH KIT PAPPAS AND EXPLAINED THE PURPOSE AND SCOPE OF THE COMPLIANCE EVALUATION INSPECTION. THE INSPECTOR COMPLETED ALL APPLICABLE INFORMATION ON THE NPDES COMPLIANCE INSPECTION REPORT FORM 3560 AND COMPLETED THE UPDES INSPECTION CHECKLIST. AT THE TIME OF INSPECTION LODESTAR- WHITE OAKS HAD COMPLETED UNDERGROUND MINING OPERATIONS AT THE UPPER PORTION OF THE FACILITY. FACILITY PERSONNEL WERE SURFACE MINING THE AREA WHILE RECLAMATION ACTIVITIES WERE BEING INITIATED. THE FACILITY HAS 5 PERMITTED DISCHARGE POINTS, BUT ONLY ONE OF WHICH (004) IS CURRENTLY BEING USED. SURFACE MINING AND RECLAMATION ACTIVITIES SHOULD CONTINUE FOR ANOTHER 2 YEARS.

IN ADDITION TO THE SITE INSPECTION, I ALSO REVIEWED THE LAB ANALYSIS SHEETS AND DISCHARGE MONITORING REPORTS FOR MAY OF 2001. THERE WHERE NO DEFICIENCIES.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone	Date
CHRIS IMBROGNO Chris Imbrogno	UTAH DEQ, DIVISION OF WATER QUALITY (801) 538-6628	NOVEMBER 15, 2001
b:		
Signature of Reviewer E SMITH, MANAGER PERMITS & COMPLIANCE SECTION	Agency/Office UTAH DIVISION OF WATER QUALITY	Date 11/15/01

Regulatory Office Use Only

Action Taken	Date	Compliance Status
NONE		Noncompliance Compliance