



**Board of Minerals
and Environment**

523 East Capitol Avenue
Pierre, South Dakota 57501-3182
(605)773-3151 Fax: (605)773-4068

AGENDA

**Board of Minerals and Environment
Telephone Conference Call Meeting**

April 16, 2015
10:00 a.m. Central Time

**Scheduled times are estimates only. Agenda items may be delayed due to prior
scheduled items or may be moved up on the agenda.**

10:00 a.m. Call to order and roll call

Approval of minutes from February 19, 2015, meeting

Mining issues

- Consent Calendar – Tom Cline
- Request for Approval to Authorize Expenditure from the Special Reclamation Fund – Tom Cline and Mike Erickson

Update on Oil & Gas Case No. 2-2015, Quartz Operations Surety Bond: 2015
Partial Disbursement Request

Adjourn

A limited number of phone lines are available for this call. Interested parties who wish to participate in the telephone conference call should contact DENR at (605)773-3886 no later than 3:00 p.m. CDT on Wednesday, April 15, 2015.

Interested parties may also participate at the following location:

Department of Environment and Natural Resources
Matthew Environmental Education and Training Center
523 East Capitol Avenue
Pierre, South Dakota

Notice is given to individuals with disabilities that this meeting is being held in a physically accessible place. Please notify the Department of Environment and Natural Resources at least 48 hours before the hearing if you have a disability for which special arrangements must be made at the meeting. The telephone number for making arrangements is (605) 773-4216.

Minutes of the
Board of Minerals and Environment
Telephone Conference Call Meeting

DENR Lower Level Conference Room
523 East Capitol Avenue
Pierre, South Dakota

February 19, 2015
10:00 a.m. CT

CALL TO ORDER AND ROLL CALL: The meeting was called to order by Chairman Rex Hagg. The roll was called and a quorum was present.

BOARD MEMBERS PARTICIPATING: Rex Hagg, Linda Hilde, Dennis Landguth, Pete Bullene, Doyle Karpen, Gregg Greenfield, Daryl Englund, and Bob Morris.

BOARD MEMBER ABSENT: Glenn Blumhardt.

OTHERS PRESENT: Bob Townsend, Eric Holm, Mike Cepak, Roberta Hudson, Tom Cline, Brett Graves, Patty McQuay, and Mike Lees, DENR Minerals and Mining Program; Ken Nelson, Wharf Resources, and Terry Smith, Jim Voyles, Jay Gear, and Ann Gliedt, Coeur Mining.

APPROVAL OF MINUTES FROM JANUARY 22, 2015, MEETING: Motion by Karpen, seconded by Hilde, to approve the minutes from the January 22, 2015, Board of Minerals and Environment meeting. A roll call vote was taken, and the motion carried unanimously.

MINING ISSUES

Exchange of Surety for Wharf Resources' Mine Permits: Eric Holm reported that prior to the meeting, the board was provided with information on Coeur Mining, Inc. Coeur Mining, Inc. purchased all the shares of Wharf Resources, USA, from GoldCorp. After that transaction is completed, Wharf will become a wholly-owned subsidiary of Coeur Mining, Inc.

Terry Smith, vice president of North American operations for Coeur Mining, Inc. provided information and the environmental aspects of Coeur Mining, Inc.

Mr. Smith, Mr. Voyles, and Ms. Gliedt answered questions from the board members regarding the company's past surety bonds, the company's past experience with mine closure and reclamation, and the exchanges of surety the board is being asked to approve today.

Mr. Smith noted that he would be happy to provide more information on the company at a future board meeting.

Mr. Holm noted that the department's recommendation for Wharf Resources' Mine Permit 450 bonds was omitted from the table the board received prior to the meeting. He read the recommendation and requested board approval.

Motion by Karpen, seconded by Morris, to approve the following:

Wharf Resources (USA), Inc., Lead, SD, Mine Permit 450, Reclamation Bond – Maintain CD No. 8701000277, First Interstate Bank, in the amount of \$5,600, and designate new signatories to the Certificate of Authority; and

Wharf Resources (USA), Inc., Lead, SD, Mine Permit 450, Post Closure Bond – Exchange Scotia Bank Irrevocable Letter of Credit No. 92821/80085 for Wells Fargo Bank Irrevocable Letter of Credit No. IS0274134U, in the amount of \$1,767,077, and accept Amendment 1 to Wells Fargo Irrevocable Letter of Credit No. IS0274134U correcting language and correcting applicant to Coeur Mining, Inc. on behalf of Wharf Resources (USA), Inc.

A roll call vote was taken, and the motion carried unanimously.

Motion by Morris, seconded by Bullene, to approve the following:

Wharf Resources (USA), Inc., Lead, SD, Mine Permits 356, 434, 435, 464, & 476, Reclamation Bond – Exchange North American Specialty Insurance Company & Westport Insurance Corporation Bond No. 2179280 for Westchester Fire Insurance Company, Bond No. K09047803, in the amount of \$15,786,000; Ironshore Indemnity Inc., Bond No. SUR20000289, in the amount of \$6,000,000; Argonaut Insurance Company, Bond No. SUR0032040, in the amount of \$6,000,000; and Aspen American Insurance Company, Bond No. SU27833, in the amount of \$8,000,000;

Wharf Resources (USA), Inc., Lead, SD, Mine Permits 356, 434, 435, 464, & 476, Post Closure Bond – Exchange North American Specialty Insurance Company & Westport Insurance Corporation Bond No. 2179281 for U.S. Specialty Insurance Company, Bond No. 1000967509, in the amount of \$25,000,000 and Westchester Fire Insurance Company, Bond No. K09047761, in the amount of \$5,783,000;

Wharf Resources (USA), Inc., Lead, SD, Mine Permits 356, 434, 435, 464, & 476, Financial Assurance Bond – Exchange North American Specialty Insurance Company Bond No. 2179282 for Aspen American Insurance Company, Bond No. SU27832, in the amount of \$597,800;

Wharf Resources (USA), Inc., Lead, SD, All Exploration Permits, Reclamation Bond – Maintain CD No. 7655679046, Wells Fargo Bank, in the amount of \$20,000, and designate new signatories to the Certificate of Authority; and

Wharf Resources (USA), Inc., Lead, SD, Mine License No. 90-400, Reclamation Bond – Maintain CD No. 457013171, Wells Fargo Bank, in the amount of \$1,000, and designate new signatories to the Certificate of Authority

A roll call vote was taken, and the motion carried unanimously.

Update on Pete Lien & Sons Large Scale Mine Permit 57 Reclamation Plans: Mr. Holm reported that at the November 20, 2014, Board of Minerals and Environment meeting, Pete Lien

& Sons was granted a five-year extension to extend the period of final reclamation after the completion of mining until 2019 for Large Scale Mine Permit 57. The extension was approved on the condition that the board is kept apprised of Pete Lien's reclamation progress.

On February 9, 2015, as part of its annual report, Pete Lien submitted a letter and map outlining reclamation plans and status of the area covered under the mine permit from this year through 2020. The board members were provided with a copy of the letter and map prior to the meeting.

Referring to the map, Mr. Holm explained the reclaimed areas, planned reclamation and acreages, permanent facilities, and the Black Hawk Quarry.

Mr. Holm noted that the Black Hawk Quarry will be mined for more than 50 years under Mine License 83-100. The permanent facilities will be used during this period in support of the quarry. Material from the lime plant and crusher will be used to slowly backfill the remaining mine pit. Pete Lien is proposing to place these facilities under the mine license. The department still needs to discuss this proposal with Pete Lien. These facilities will be reclaimed after limestone reserves run out in more than 50 years.

No board action was required.

Prior to the meeting, the board received a table listing the department recommendations for release of liability and surety and releases of liability (see attachment).

Motion by Karpen, seconded by Englund, to accept the department recommendations for the release of liability and surety and releases of liability listed on the table. A roll call vote was taken, and the motion carried unanimously.

NEXT MEETING: The next board meeting is scheduled for April 16, 2015, at 10:00 a.m. Central Time.

ADJOURNMENT: Motion by Hilde, seconded by Bullene, that the meeting be adjourned. A roll call vote was taken, and the motion carried unanimously.

The meeting was digitally recorded and a copy of the recording may be obtained by contacting the Department of Environment and Natural Resources, 523 East Capitol Avenue, Pierre, SD 57501; telephone number 605-773-3886. The recording is also available on the DENR website at <http://denr.sd.gov/boards/schedule.aspx>.

Approved this 16th day of April, 2015.

Secretary

Date

Witness

Date

South Dakota Board of Minerals & Environment

February 19, 2015

License or Permit Holder	License or Permit Number	Site Number or Legal	Surety Amount	Surety Number	Surety Company or Bank	DENR Recommendation
<u>Exchanges of Surety for Wharf Resources' Mine Permits:</u>						
Wharf Resources (USA), Inc. Lead, SD	356, 434, 435, 464, & 476	Reclama- tion Bond	\$35,786,000	2179280	North American Specialty Insurance Company & Westport Insurance Corporation	Exchange North American Specialty Insurance Company & Westport Insurance Corporation Bond No. 2179280 for Westchester Fire Insurance Company, Bond No. K09047803, in the amount of \$15,786,000; Ironshore Indemnity Inc., Bond No. SUR20000289, in the amount of \$6,000,000; Argonaut Insurance Company, Bond No. SUR0032040, in the amount of \$6,000,000; and Aspen American Insurance Company, Bond No. SU27833, in the amount of \$8,000,000.
		Post Closure Bond	\$30,783,000	2179281	North American Specialty Insurance Company & Westport Insurance Corporation	Exchange North American Specialty Insurance Company & Westport Insurance Corporation Bond No. 2179281 for U.S. Specialty Insurance Company, Bond No. 1000967509, in the amount of \$25,000,000 and Westchester Fire Insurance Company, Bond No. K09047761, in the amount of \$5,783,000.

South Dakota Board of Minerals & Environment

February 19, 2015

License or Permit Holder	License or Permit Number	Site Number or Legal	Surety Amount	Surety Number	Surety Company or Bank	DENR Recommendation
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Wharf Resources (USA), Inc. Lead, SD	356, 434, 435, 464, & 476	Financial Assurance Bond	\$597,800	2179282	North American Specialty Insurance Company	Exchange North American Specialty Insurance Company Bond No. 2179282 for Aspen American Insurance Company, Bond No. SU27832, in the amount of \$597,800.
Wharf Resources (USA), Inc. Lead, SD	450	Reclama- tion Bond	\$5,600	8701000277	First Interstate Bank, Lead	Maintain CD No. 8701000277, First Interstate Bank, in the amount of \$5,600. Designate new signatories to the Certificate of Authority.
		Post Closure Bond	\$1,767,077	ILOC No. 92821/80085	Scotia Bank, New York	Exchange Scotia Bank ILOC No. 92821/80085 for Wells Fargo Bank ILOC No. IS0274134U, in the amount of \$1,767,077. Accept Amendment 1 to Wells Fargo ILOC No. IS0274134U correcting language and correcting applicant to Coeur Mining, Inc. on behalf of Wharf Resources (USA), Inc.
<u>Exchange of Surety for Wharf Resources' Exploration Permits:</u>						
Wharf Resources (USA), Inc. Lead, SD	All Exploration Permits	Reclama- tion Bond	\$20,000	7655679046	Wells Fargo Bank, Lead	Maintain CD No. 7655679046, Wells Fargo Bank, in the amount of \$20,000. Designate new signatories to the Certificate of Authority.

South Dakota Board of Minerals & Environment

February 19, 2015

License or Permit Holder	License or Permit Number	Site Number or Legal	Surety Amount	Surety Number	Surety Company or Bank	DENR Recommendation
<u>Exchange of Surety for Wharf Resources' Mine License:</u>						
Wharf Resources (USA), Inc. Lead, SD	90-400	Reclamation Bond	\$1,000	457013171	Wells Fargo Bank, Lead	Maintain CD No. 457013171, Wells Fargo Bank, in the amount of \$1,000. Designate new signatories to the Certificate of Authority.
<u>Update on Pete Lien & Sons Large Scale Mine Permit 57 Reclamation Plans:</u>						
Pete Lien & Sons, Inc. Rapid City, SD	57		\$204,300	ILOC No. S500998	UMB Bank, Kansas City, MO	
<p>Portions of Section 20 & 21; T2N-R7E, Pennington County</p> <p>At the November 20, 2014 BME meeting Pete Lien & Sons was granted a 5-year extension to extend the period of final reclamation after the completion of mining until 2019 for Permit 57. At the board's request, this update is being given to keep the board apprised of Pete Lien's reclamation progress.</p>						
Mine Licenses:						
<u>Release of Liability and Surety:</u>						
Lonnie Lowe South Shore, SD	05-819		\$500	12165	Community State Bank, Stockholm	Release liability and \$500.
		819001	NE1/4 Section 26; T119N-R51W, Codington County			

South Dakota Board of Minerals & Environment

February 19, 2015

License or Permit Holder	License or Permit Number	Site Number or Legal	Surety Amount	Surety Number	Surety Company or Bank	DENR Recommendation
Mine Licenses:						
<u>Releases of Liability:</u>						
Aggregate Construction Inc. Minot, ND	89-382		\$20,000	5301306	Ohio Farmers Insurance Company	Release liability.
		382024	SW1/4 Section 1; T3N-R7E, Meade County			
		382027	NE1/4 Section 23; T4N-R6E, Meade County			
		382029	NW1/4 Section 13; T6N-R6E, Meade County			
C & W Enterprises, Inc. Harrisburg, SD	98-671		\$-0-	NA	NA	Release liability.
		671004	SW1/4 Section 29; T22N-R27E, Corson County			
		671007	S1/2 S1/2 Section 10 & NW1/4 Section 15; T19N-R29E, Corson County			
Croell Redi-Mix, Inc. Sundance, WY	96-604		\$20,000	2092148	North American Specialty Insurance Company	Release liability.
		604007	SW1/4 NE1/4, NW1/4 SE1/4 & NE1/4 SW1/4 Section 11; T8N-R5E, Butte County			

South Dakota Board of Minerals & Environment

February 19, 2015

License or Permit Holder	License or Permit Number	Site Number or Legal	Surety Amount	Surety Number	Surety Company or Bank	DENR Recommendation
<u>Releases of Liability:</u>						
Schladweiler Construction Mitchell, SD	83-167	167031	\$2,500	103982	Fulton State Bank, Mitchell	Release liability.
			\$1,500	104097	Fulton State Bank, Mitchell	
			\$1,000	103814	Fulton State Bank, Mitchell	
			\$500	104186	Fulton State Bank, Mitchell	
			\$500	103809	Fulton State Bank, Mitchell	
			\$500	102880	Fulton State Bank, Mitchell	
		NW1/4 Section 8; T105N-R66W, Aurora County				
Cedar Township Ree Heights, SD	94-531		Exempt	NA	NA	Release liability.
		531002	Section 29; T110N-R70W, Hand County			
Sanborn County Highway Department Woonsocket, SD	83-225		Exempt	NA	NA	Release liability.
		225009	SW1/4 Section 25; T107N-R63W, Jerauld County			

South Dakota Board of Minerals & Environment

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Wharf Resources (USA), Inc. Lead, SD	450	Reclama- tion Bond	\$5,600	8701000277	First Interstate Bank, Lead	
		Post Closure Bond	\$1,767,077	ILOC No. 92821/80085	Scotia Bank, New York	
<u>Exchange of Surety for Wharf Resources' Exploration Permits:</u>						
Wharf Resources (USA), Inc. Lead, SD	All Exploration Permits	Reclama- tion Bond	\$20,000	7655679046	Wells Fargo Bank, Lead	Maintain CD No. 7655679046, Wells Fargo Bank, in the amount of \$20,000. Designate new signatories to the Certificate of Authority.

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Wharf Resources (USA), Inc. Lead, SD	90-400	Reclamation Bond	\$1,000	457013171	Wells Fargo Bank, Lead	Maintain CD No. 457013171, Wells Fargo Bank, in the amount of \$1,000. Designate new signatories to the Certificate of Authority.
<u>Update on Pete Lien & Sons Large Scale Mine Permit 57 Reclamation Plans</u>						
Pete Lien & Sons, Inc. Rapid City, SD	57		\$204,300	ILOC No. S500998	UMB Bank, Kansas City, MO	
<p>Portions of Section 20 & 21; T2N-R7E, Pennington County</p> <p>At the November 20, 2014 BME meeting Pete Lien & Sons was granted a 5-year extension to extend the period of final reclamation after the completion of mining until 2019 for Permit 57. At the board's request, this update is being given to keep the board apprised of Pete Lien's reclamation progress.</p>						
Mine Licenses:						
<u>Release of Liability and Surety:</u>						
Lonnie Lowe South Shore, SD	05-819		\$500	12165	Community State Bank, Stockholm	Release liability and \$500.
		819001	NE1/4 Section 26; T119N-R51W, Codington County			

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<u>Releases of Liability:</u>						
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		382024			SW1/4 Section 1; T3N-R7E, Meade County	
		382027			NE1/4 Section 23; T4N-R6E, Meade County	
		382029			NW1/4 Section 13; T6N-R6E, Meade County	
C & W Enterprises, Inc. Harrisburg, SD	98-671		\$-0-	NA	NA	Release liability.
		671004			SW1/4 Section 29; T22N-R27E, Corson County	
		671007			S1/2 S1/2 Section 10 & NW1/4 Section 15; T19N-R29E, Corson County	
Croell Redi-Mix, Inc. Sundance, WY	96-604		\$20,000	2092148	North American Specialty Insurance Company	Release liability.
		604007			SW1/4 NE1/4, NW1/4 SE1/4 & NE1/4 SW1/4 Section 11; T8N-R5E, Butte County	

South Dakota Board of Minerals & Environment

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<u>Releases of Liability:</u>						
Schladweiler Construction Mitchell, SD	83-167	167031	\$2,500	103982	Fulton State Bank, Mitchell	Release liability.
			\$1,500	104097	Fulton State Bank, Mitchell	
			\$1,000	103814	Fulton State Bank, Mitchell	
			\$500	104186	Fulton State Bank, Mitchell	
			\$500	103809	Fulton State Bank, Mitchell	
			\$500	102880	Fulton State Bank, Mitchell	
		NW1/4 Section 8; T105N-R66W, Aurora County				
Cedar Township Ree Heights, SD	94-531	531002	Exempt	NA	NA	Release liability.
			Section 29; T110N-R70W, Hand County			
Sanborn County Highway Department Woonsocket, SD	83-225	225009	Exempt	NA	NA	Release liability.
			SW1/4 Section 25; T107N-R63W, Jerauld County			

South Dakota Board of Minerals & Environment

Consent Calendar

April 16, 2015

<u>License/Permit Holder</u>	<u>License/ Permit</u>	<u>Site No.</u>	<u>Surety Amount</u>	<u>Surety No.</u>	<u>Surety Company/Bank</u>	<u>DENR Recommendation</u>
<u>Transfers of Liability & Releases of Surety:</u>						
Don Hofland Altamont, SD	02-746		\$1,500	26570	Deuel County National Bank, Clear Lake	Transfer liability and release \$1,500.
		746001	S1/2 NW1/4 & N1/2 SW1/4 Section 22; T116N-R49W, Deuel County			
Transfer to:						
Taylor Hoffman Taunton, MN	15-981		\$1,000	60885	DNB National Bank, Clear Lake	
Missouri Valley Materials, Inc. Vermillion, SD	92-466		\$20,000	3056 35 78	Fidelity & Deposit Company of Maryland	Transfer liability and release \$20,000.
		466001	Section 12; T94N-R54W, Yankton County			
Transfer to:						
L.G. Everist Inc. & Subsidiaries Sioux Falls, SD	83-37		\$20,000	41 S17664 BCA	The Aetna Casualty & Surety Company	

South Dakota Board of Minerals & Environment

Consent Calendar

April 16, 2015

<u>License/Permit Holder</u>	<u>License/Permit</u>	<u>Site No.</u>	<u>Surety Amount</u>	<u>Surety No.</u>	<u>Surety Company/Bank</u>	<u>DENR Recommendation</u>
<u>Transfers of Liability:</u>						
Aggregate Construction, Inc. Minot, ND	89-382		\$20,000	5301306	Ohio Farmers Insurance Company	Transfer liability.
		382034	NW1/4 Section 16; T121N-R74W, Walworth County			
Transfer to:						
Mathew Arbach Hoven, SD	15-982		\$8,000	300016401	Plains Commerce Bank, Hoven	
			\$4,000	300016402	Plains Commerce Bank, Hoven	
Higman Sand & Gravel, Inc. Akron, IA	83-213		\$20,000	975 7820	Fidelity & Deposit Company of Maryland	Transfer liability.
		213001	NW1/4 Section 2; T95N-R48W, Union County			
		213002	E1/2 SW1/4 & W1/2 SE1/4 Section 5; T93N-R50W, Union County			
		213006	S1/2 SE1/4 Section 21 & NW1/4 NE1/4 Section 28; T95N-R48W, Union County			
Transfer to:						
L.G. Everist Inc. & Subsidiaries Sioux Falls, SD	83-37		\$20,000	41 S17664 BCA	The Aetna Casualty & Surety Company	

South Dakota Board of Minerals & Environment

Consent Calendar

April 16, 2015

<u>License/Permit Holder</u>	<u>License/Permit</u>	<u>Site No.</u>	<u>Surety Amount</u>	<u>Surety No.</u>	<u>Surety Company/Bank</u>	<u>DENR Recommendation</u>
<u>Releases of Liability:</u>						
DOT – Pierre Region Pierre, SD	83-10		EXEMPT	NA	NA	Release liability.
		10045	SE1/4 Section 5; T19N-R30E, Corson County			
		10125	S1/2 NW1/4 SE1/4 & N1/2 SW1/4 SE1/4 Section 22; T1N-R20E, Haakon County			
		10295	NE1/4, NE1/4 NE1/4 NW1/4 Section 8; T19N-R30E, Corson County			

South Dakota Board of Minerals & Environment

April 16, 2015

<u>License/Permit Holder</u>	<u>License/ Permit</u>	<u>Site No.</u>	<u>Surety Amount</u>	<u>Surety No.</u>	<u>Surety Company/Bank</u>	<u>DENR Recommendation</u>
<u>Request for Approval to Authorize Expenditure From the Special Reclamation Fund:</u>						
Leola Township South Shore, SD	86-330	330001	EXEMPT	NA	NA	SE1/4 NW1/4 Section 1; T119N-R51W, Codington County
						Authorize expenditure of \$2,000 from the Special Reclamation Fund.
James Olson Watertown, SD	83-120	120019	NA	NA	NA	SE1/4 NE1/4 Section 5; T118N-R50W, Grant County
						Authorize expenditure of \$2,500 from the Special Reclamation Fund.

Request for Expenditure
of
Special Reclamation Funds

Background Information

SDCL 45-6 Governs the Mining of:

- Sand;
- Gravel;
- Rock to be crushed and used in construction;
- Pegmatite minerals; or
- Limestone, iron ore, sand, gypsum, shale, pozzolan, or other materials used in the process of making cement or lime.

Reclamation Bonding Requirements

- Operators are required to post a bond in the amount of \$500 per acre of affected land.
- Operators may post a \$20,000 statewide bond in lieu of the required surety.
- Units of state government are exempt from fees and bonding requirement.

SDCL 45-6

Enacted in 1983

- 1008 operators have been licensed.
- 523 currently active licenses.
- 4,635 sites have been licensed.
- 1,680 active mine sites.
- 20 surety forfeitures involving 44 mine sites.

Funding for Reclamation

- Bond held for reclamation of each specific site or operator's sites.
- Special Reclamation Fund.
- Still not enough funds to allow total reclamation of all sites.

Factors Considered to Determine What to Reclaim

- Potential future mining.
- Cost considerations.
- Landowner's preference.
- Past and potential natural reclamation.
- Environmental concerns (e.g. distance to water body).

Special Reclamation Fund

- Established in 1971.
- The BME was given authority to use the fund to conduct reclamation.
- Fund has been previously used to reclaim sites.
- The Special Reclamation Fund contains approximately \$10,730.

Special Reclamation Fund

- \$6,230 is committed to other reclamation projects.
- Requesting authorization for \$4,500 to reclaim two additional sites.
 - James Olson site - \$2,500
 - Leola Township site - \$2,000
- This will take the fund to zero.

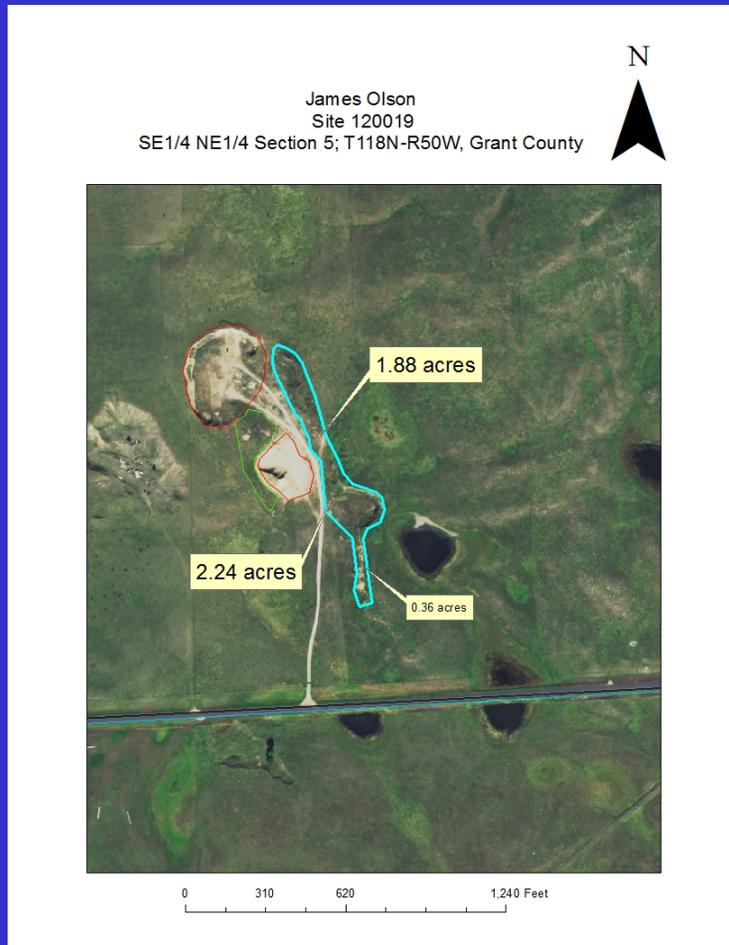
DENR Work Plan

- We have contacted the landowners and arranged on-site meetings.
- Identified what portions of sites to be reclaimed.
- Prepared site-specific work plans.
- Selected a contractor and preparing a contract. DENR intends to complete the reclamation projects this construction season.

- Met with contractor and landowners on site to identify what is expected.
- Will inspect the reclamation work upon completion for purposes of payment.
- Make payment and close the file.

Site-Specific Information

James Olson Site



- Reclaim northern area
- Reduce highwalls and respread available topsoil
- Leave southern area unreclaimed at landowners request
- 2.24 Acres disturbed
- 1.88 Acres to be reclaimed
- Estimate - \$2,500
- Bond available - \$ 0
- Amount from Fund - \$2,500

James Olson northern portion of highwall in north pit area



Looking northeast

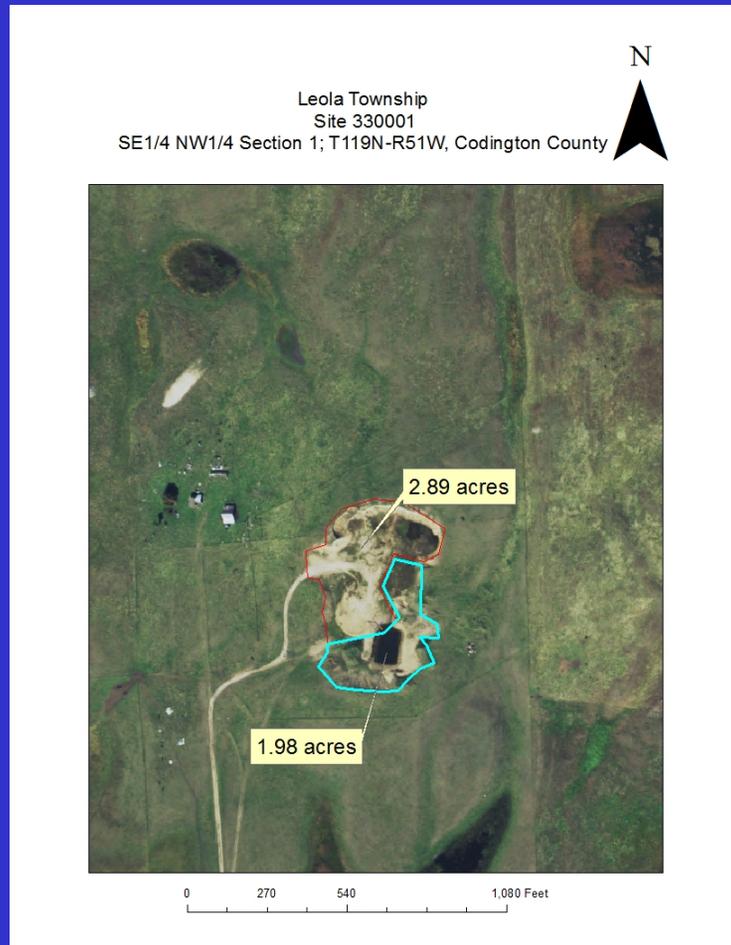
James Olson

southern portion of highwall in north pit area



Looking north

Leola Township



- Reclaim south half of pit area
- Reduce highwalls, respread available topsoil
- Leave stockpond for livestock

- 1.98 Acres disturbed
- 1.98 Acres to be reclaimed

- Estimate - \$ 2,000
- Bond available - \$ 0
- Amount from Fund - \$2,000

Leola Township



Looking southeast