

Wild West Equipment & Hauling, LLC
Wildcat Load Out
5495 West 3550 North, Helper, Utah 84526
Phone: (435) 472-3988 – Fax: (435) 472-3456

C0170033
#4808

RECEIVED

MAR 02 2015

DIV. OF OIL, GAS & MINING

February 25, 2015

Mr. Daron Haddock
Utah Coal Program
Utah Division of Oil, Gas and Mining
1594 West North Temple – Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Re: C/007/030 Wildcat Load Out 2014 Annual Report

Dear Daron:

Wild West Equipment & Hauling, LLC, on behalf of Intermountain Power Agency, respectfully submits the 2014 Annual Report for the Wildcat Load Out Permit C/007/030 on the enclosed CD.

If you have any questions, please feel free to call at 435-472-3988.

Sincerely,



Kit Pappas
Engineering/Environmental

Cc: Lance Lee – IPA
File

Print Form

Submit by Email

Reset Form

Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

GENERAL INFORMATION

Company Name	Intermountain Power Agency	Mine Name	Wildcat Loadout
Permit Number	C/007/0033	Permit expiration Date	
Operator Name		Phone Number	
Mailing Address		Email	
City			
State		Zip Code	

DOGM File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Refuse Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	
Other:		

OPERATOR COMMENTS

REVIEWER COMMENTS

Met Requirements Did Not meet Requirements

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

Title: COAL FINE ACCUMULATION MONITORING

Objective: To minimize coal fine accumulations on undisturbed ground within the disturbed area boundary. This area did not have topsoil salvaged, but was vacuumed, disced, mulched and seeded in September 2010. Please provide the depth of the new accumulation if present. Please provide the photo locations on a map. Additionally, please create a grid system on a plan view map of the fines recovery area and report the percentage of area covered by fines in each area and the depth of the fines, similar to Figure 1 / Plate 1 in Appendix "P" of the MRP which plotted coal fines depth prior to fines recovery.

Frequency: Quarterly

Status: Ongoing

Reports: Monitoring protocol, location of observations, digital photographs and results to be filed with the Annual Report.

Citation: MRP, Appendix P, Item 7.

Operator Comments

Reviewer Comments Met Requirements Did Not Meet Requirements

FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

Title: PROTECTION OF TOPSOIL

Objective: To protect topsoil

Frequency: Prior to construction of Pond G

Status: Future commitment (Prior to construction of Pond G).

Reports: Monitor soil salvage from the "mechanical clean-up area" east of PR 5. Provide an as-built showing dimensions and volume contained in Topsoil Pile A.

Citation: MRP, Section R645-301-212, and Appendix P, Item 2, Item 4 and Figure 2.

OPERATOR COMMENTS (OPTIONAL)

REVIEWER COMMENTS

REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

Reviewer Comments

MAPS

Copies of mine maps, current and up-to-date, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
		<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"/>

Reviewer Comments Met Requirements Did Not Meet Requirements

**WILDCAT COAL FINES ISSUE
DIVISION ORDER-04 (WIND BLOWN FINES)
SECOND QUARTER 2014**

August 31, 2014

Prepared for:

WILD WEST EQUIPMENT & HAULING, LLC



Prepared by:

**J. T. Paluso, P.E.
EIS ENVIRONMENTAL & ENGINEERING CONSULTING
31 NORTH MAIN
HELPER, UTAH**

INTRODUCTION

The purpose of this report is to provide quarterly information on coal fines accumulation at the Wildcat Loadout as described in Appendix P, Response to Division Order DO-04 (Wind Blown Fines), Page 7, “Conduct future monitoring of wind-blown fines”. The coal fines monitoring procedure was revised as per DOGM’s meeting at Wildcat conducted on January 23, 2014.

PROCEDURE

New monitoring points were installed during the first quarter of 2014. The new procedure was described in a memo sent to Pete Hess (DOGM) dated March 13, 2014. This new procedure described the method for future coal fines and vegetation monitoring at the Wildcat Loadout. The approved procedure required the installation of new monitoring points within the permit boundary and also outside of the permit boundary. Monitoring of vegetation growth will now be conducted only during the second quarter of each year.

There are now 21 sampling points on the north area and 16 sampling points on the south area. Figure 1 shows the sampling points and Figure 2 shows the areas that are of concern. Each point was located with a GPS. Refer to Appendix 1 for the GPS coordinate location of each point.

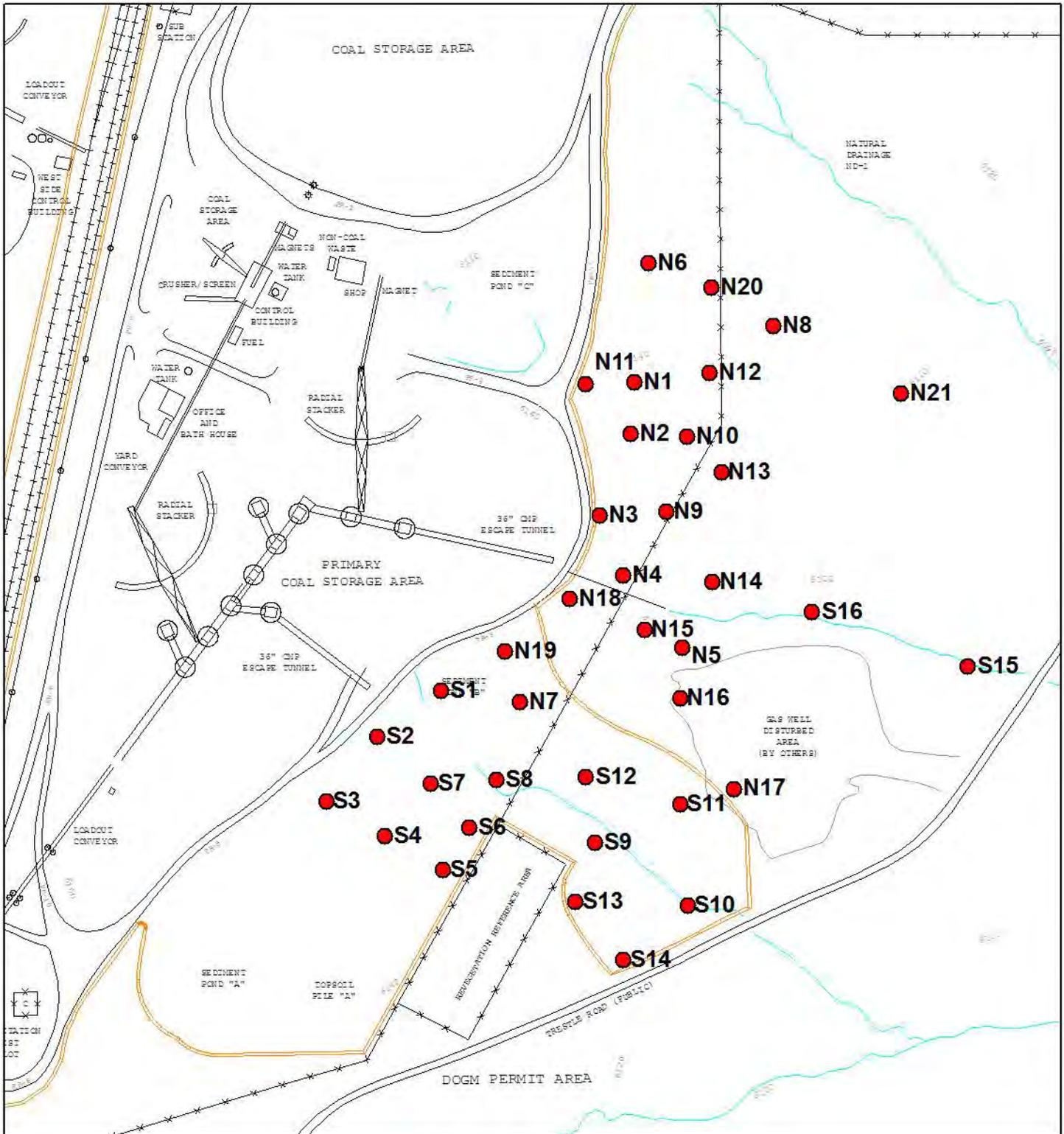
The depth of coal fines were measured at the stake. These measurements can be found on the Ground Cover Information Spreadsheet in Appendix 2. The average coal depth for the North and South area was calculated and is also shown on this sheet.

CONCLUSION

Areas that had coal fines accumulation of over 4” were cleaned during the first quarter in the month of March. New sediment control straw rolls were installed in these areas. In an attempt to control the movement of coal fines, new wind fences were installed on the east side of the coal pile and portions of the east permit boundary fence. The existing wind fence, on the road east of the coal pile, was also extended further to the north.

The results of the cover measurements indicated that the coal fines cover are more extensive on the northern portion of the monitoring area. The fines average 0.42 inches compared to 0.19 inches on the southern area.

WILDCAT LOADOUT



● Random Photograph Sites

Environmental Industrial Services
 Environmental & Engineering Consulting

31 North Main Street
 Helper, Utah 81526
 Office: (435) 472-3614
 Fax: (435) 172-8780
 EHSec@preciscom.net
 www.EISec.com

Feet

0 110 220 330

N

FIGURE 1

APPENDIX 1
GPS COORDINATE LOCATION

Wildcat Loadout
Random Photograph Site Coordinates
All Coordinates in NAD 83

Name	Northing	Easting
N1	4388883.298	507251.984
N2	4388857.593	507250.164
N3	4388817.239	507234.904
N4	4388787.278	507246.718
N5	4388751.355	507276.069
N6	4388942.709	507259.085
N7	4388724.731	507187.675
N8	4388911.456	507321.233
N9	4388817.19	507263.082
N10	4388856.487	507278.12
N11	4388882.392	507227.824
N12	4388887.813	507289.428
N13	4388600.376	507323.119
N14	4388580.381	507311.915
N15	4388560.83	507300.496
N16	4388540.265	507287.518
N17	4388877.752	507384.593
N18	4388775.637	507220.054
N19	4388749.681	507187.688
N20	4388930.365	507290.383
N21	4388877.752	507384.593
S1	4388730.197	507148.488
S2	4388707.485	507124.338
S3	4388675.136	507091.473
S4	4388657.906	507120.464
S5	4388641.241	507149.536
S6	4388662.058	507162.426
S7	4388684.104	507143.486
S8	4388686.032	507175.9
S9	4388654.465	507224.755
S10	4388623.652	507270.843
S11	4388673.547	507267.177
S12	4388687.237	507220.312
S13	4388625.264	507215.195
S14	4388596.345	507239.016
S15	4388742.365	507417.549
S16	4388769.154	507340.304

APPENDIX 2

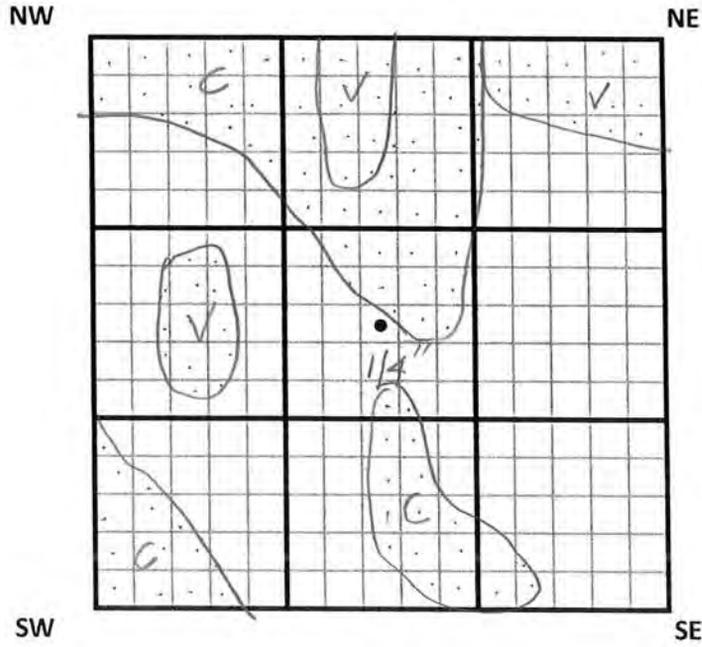
GROUND COVER INFORMATION SPREADSHEET & FIELD WORK SHEETS

GROUND COVER INFORMATION SPREADSHEET								
2rd QUARTER 2014								
LOCATION	VEGETATION SQUARES	VEGETATION (COVER %)	SOIL SQUARES	SOIL (COVER %)	COAL FINES SQUARES	COAL FINES (COVER %)	COAL FINES (IN) AT STAKE	COMMENTS
N1	64	28.44	161	71.56	0	0.00	0.00	
N2	10.25	4.56	214.75	95.44	0	0.00	0.00	
N3	0	0.00	225	100.00	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
N4	0	0.00	152.5	67.78	72.5	32.22	0.00	
N5	0	0.00	208	92.44	17	7.56	0.25	
N6	0	0.00	225	100.00	0	0.00	0.00	
N7	5.5	2.44	0	0.00	219.5	97.56	3.50	
N8	0	0.00	225	100.00	0	0.00	0.00	
N9	37.25	16.56	187.75	83.44	0	0.00	0.00	
N10	23.5	10.44	186.75	83.00	14.75	6.56	0.00	
N11	0.75	0.33	162.75	72.33	61.5	27.33	0.50	
N12	2.5	1.11	222.5	98.89	0	0.00	0.00	
N13	7.25	3.22	117	52.00	100.75	44.78	0.25	
N14	24.5	10.89	139	61.78	61.5	27.33	0.25	
N15	0	0.00	88.75	39.44	136.25	60.56	0.13	
N16	0	0.00	113.25	50.33	111.75	49.67	0.00	
N17	0	0.00	153	68.00	72	32.00	0.50	
N18	0	0.00	112.5	50.00	112.5	50.00	0.50	
N19	0	0.00	171.5	76.22	53.5	23.78	3.00	
N20	0	0.00	225	100.00	0	0.00	0.00	
N21	24	10.67	150	66.67	51	22.67	0.00	
AVERAGE		4.22		72.83		22.95	0.42	
S1	0	0.00	202	89.78	23	10.22	1.00	
S2	19.5	8.67	78.5	34.89	127	56.44	0.25	
S3	35	15.56	71.5	31.78	118.5	52.67	0.50	
S4	7.5	3.33	217.5	96.67	0	0.00	0.00	
S5	41.75	18.56	183.25	81.44	0	0.00	0.00	
S6	17.5	7.78	207.5	92.22	0	0.00	0.00	
S7	11.5	5.11	193.25	85.89	20.25	9.00	0.00	
S8	59.75	26.56	165.25	73.44	0	0.00	0.00	
S9	0	0.00	98.25	43.67	126.75	56.33	0.25	
S10	99.25	44.11	0	0.00	125.75	55.89	0.50	
S11	0	0.00	225	100.00	0	0.00	0.00	
S12	15.75	7.00	68	30.22	141.25	62.78	0.50	
S13	25	11.11	200	88.89	0	0.00	0.00	
S14	0	0.00	225	100.00	0	0.00	0.00	
S15	0	0.00	225	100.00	0	0.00	0.00	
S16	0	0.00	181	80.44	44	19.56	0.00	
AVERAGE		9.24		70.58		20.18	0.19	

WILDCAT LOADOUT
Coal Fines Monitoring

Site: N14
Date: 6/25/14

Scale: 1"=1'



Notes:

VEG: 10.75, 6.75, 7 = 24.5

SOIL: 139

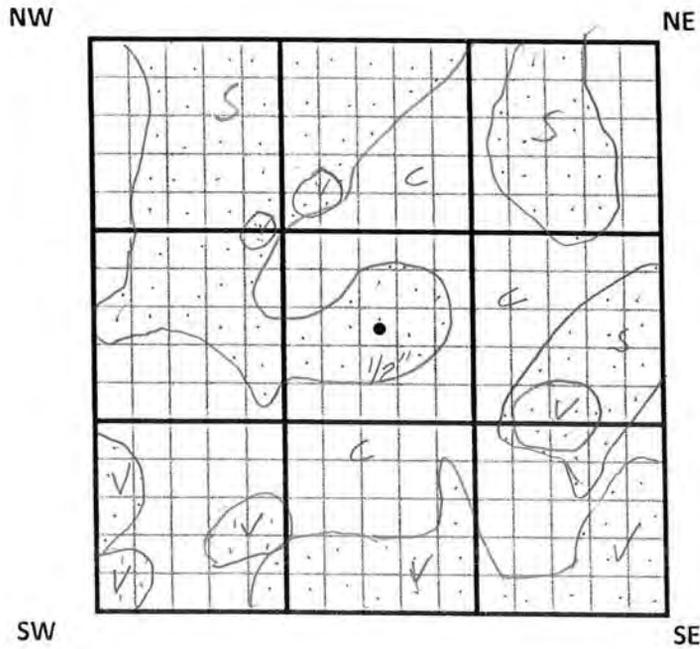
COAL: 10.75, 11.75, 39 = 61.5

WILDCAT LOADOUT
Coal Fines Monitoring

Site: 53

Scale: 1"=1'

Date: 6/25/14



Notes:

VEG: 3, 2, 2.5, 2.3, 3, 1, .5 = 35

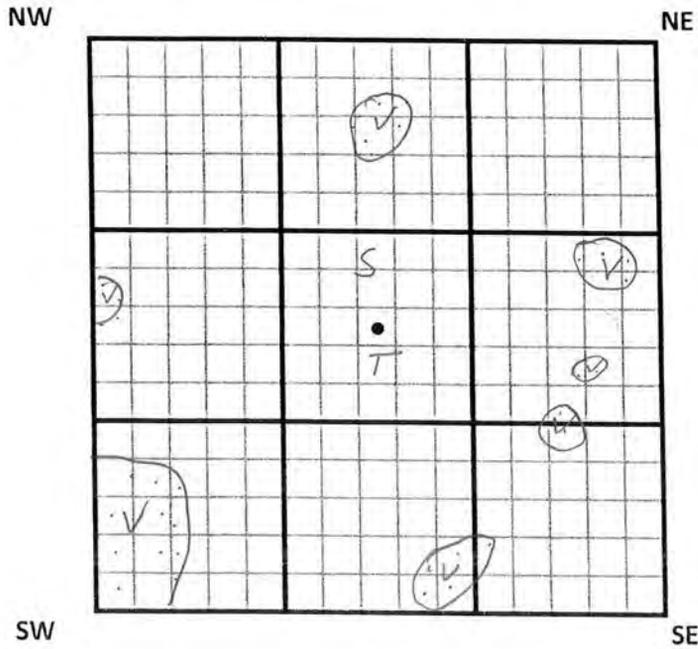
SOIL: 49, 12, 10.5 = 71.5

COAL: 118.5

WILDCAT LOADOUT
Coal Fines Monitoring

Site: 56
Date: 6/25/14

Scale: 1"=1'



Notes:

VEG: 8.25, 2.5, 1, .5, 2, 2.5, .75 = 17.5

SOIL: 207.5

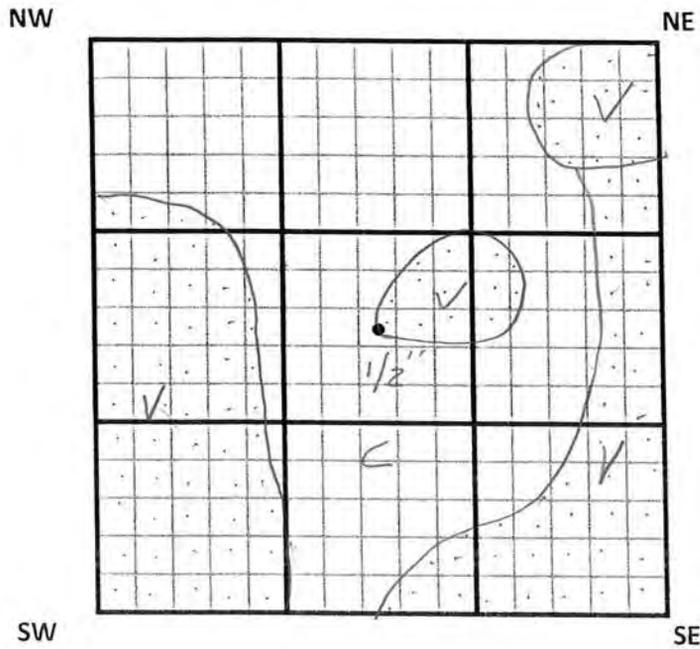
LOAD: 0

WILDCAT LOADOUT
Coal Fines Monitoring

Site: 510

Scale: 1"=1'

Date: 6/25/14



Notes:

VEG: 45.75, 8.5, 35, 10 = 99.25

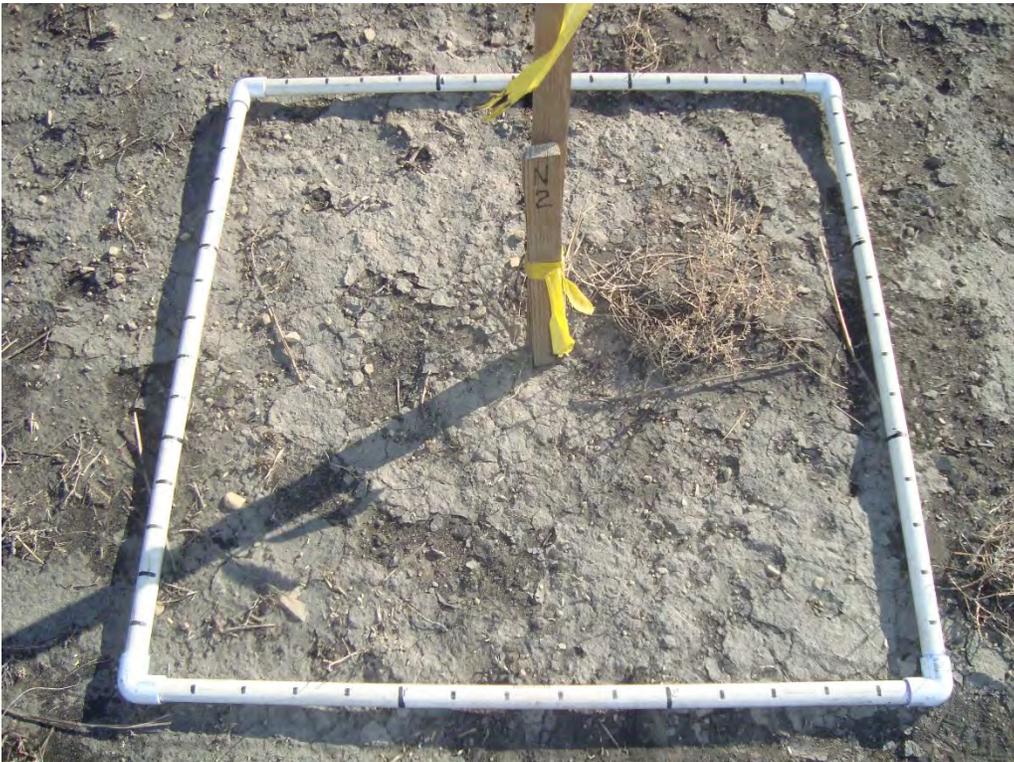
SOIL: 0

COAL: 125.75

APPENDIX 3
PHOTOGRAPHS



N1



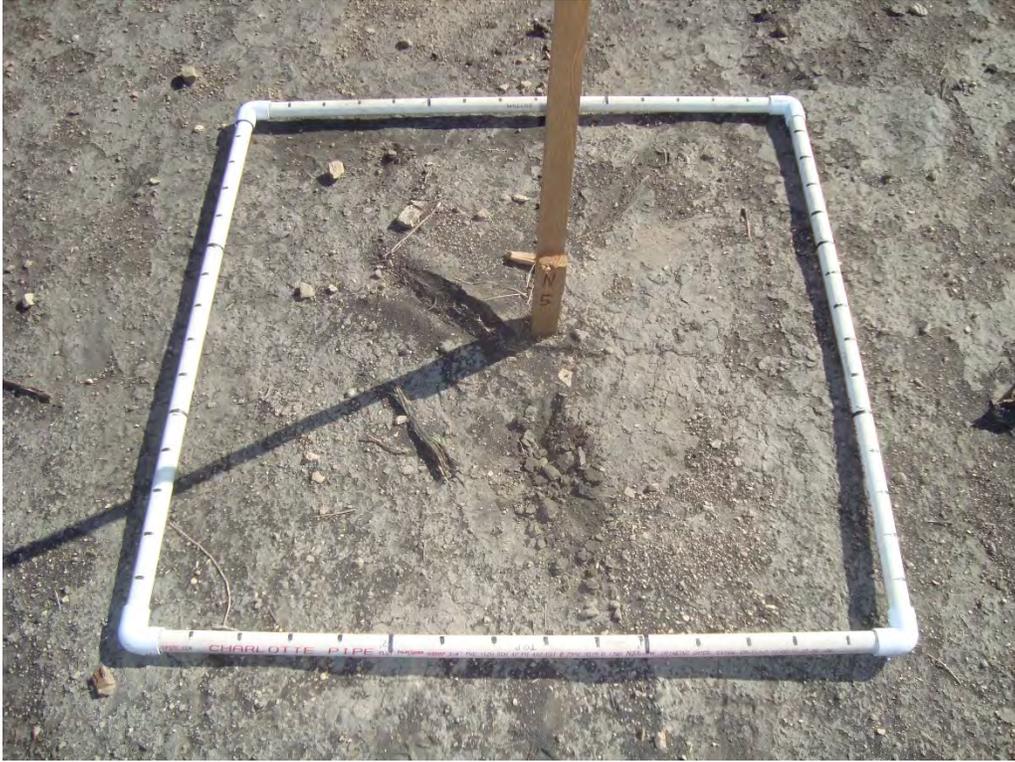
N2



N3



N4



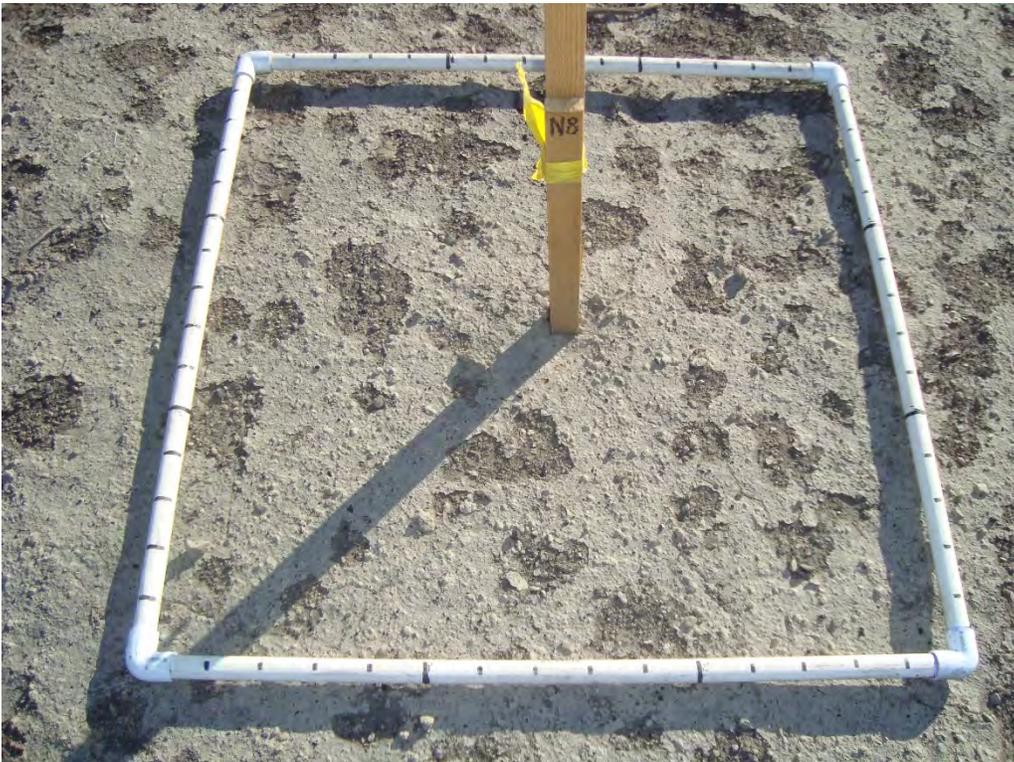
N5



N6



N7



N8



N9



N10



N11



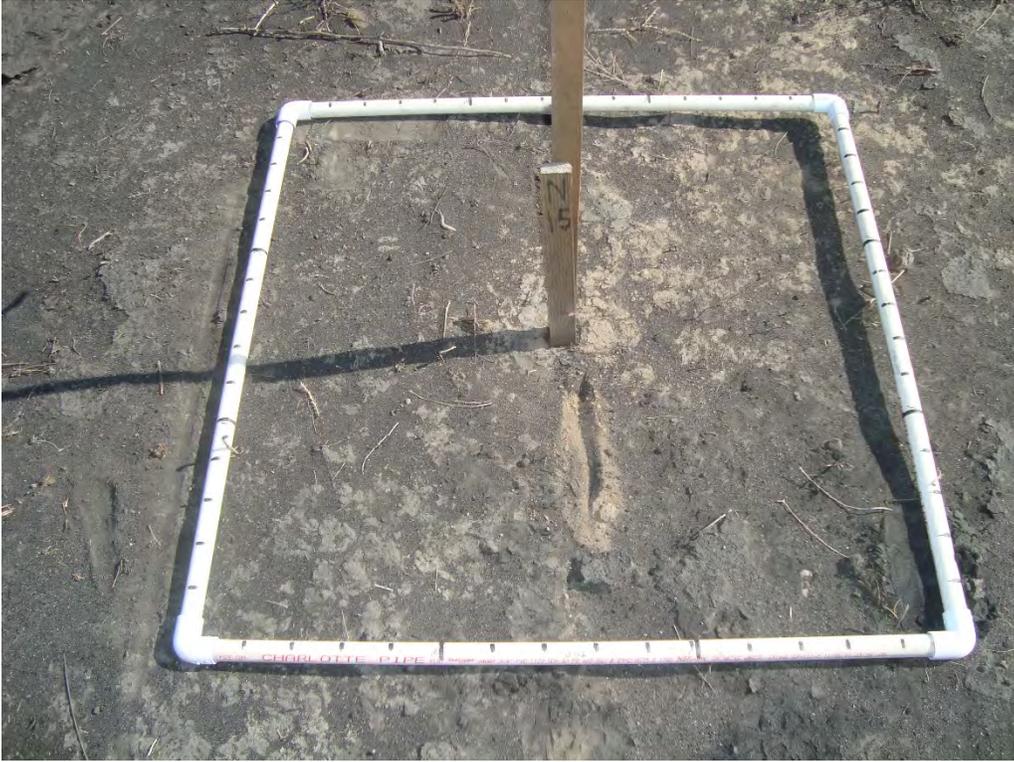
N12



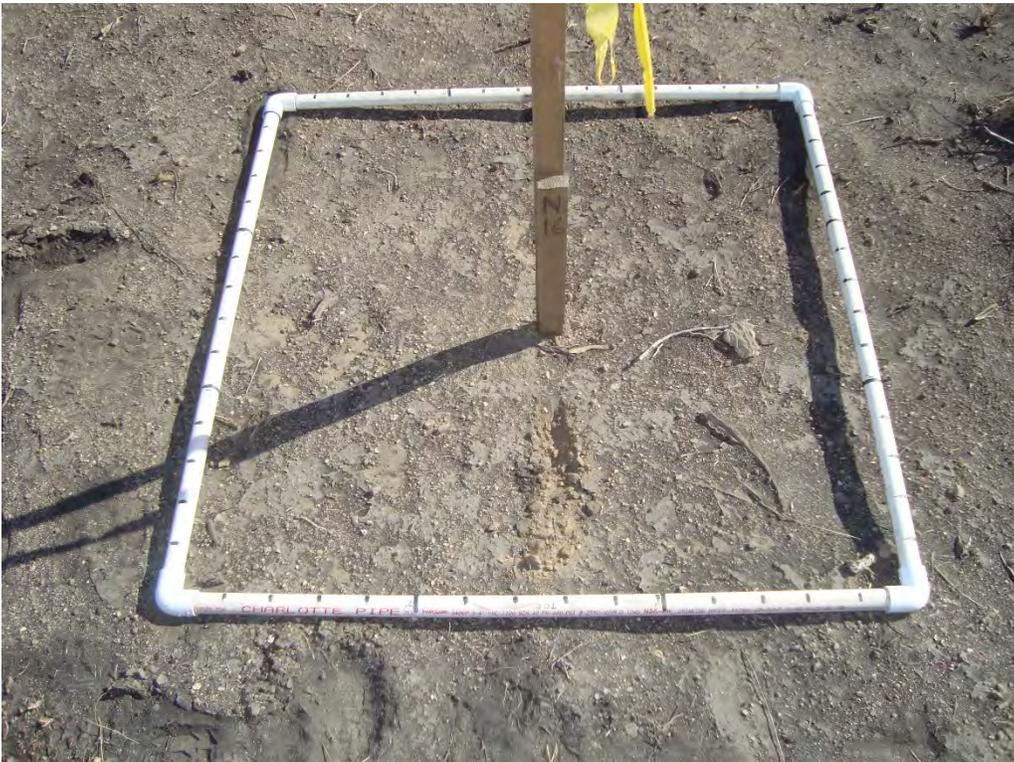
N13



N14



N15



N16



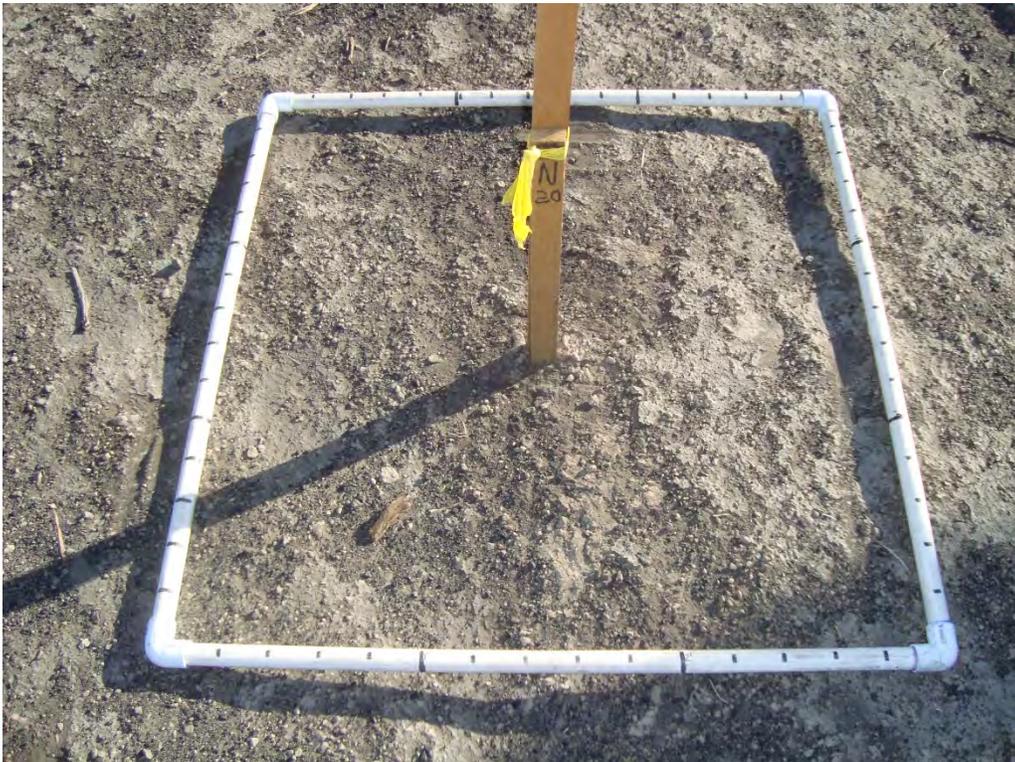
N17



N18



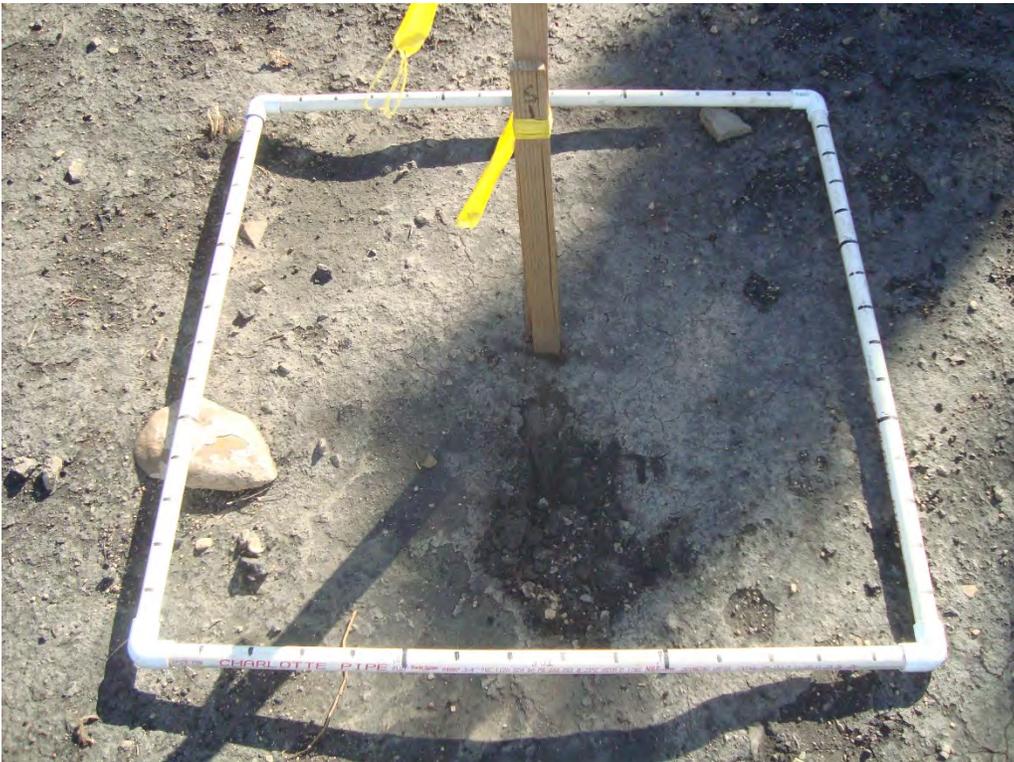
N19



N20



N21



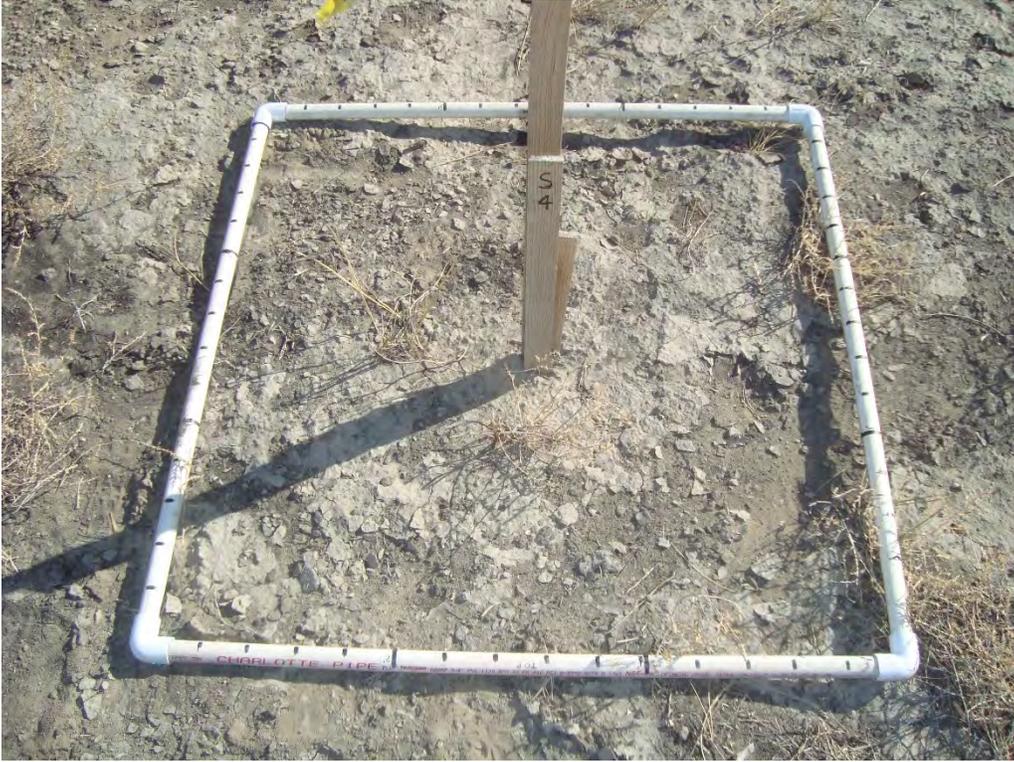
S1



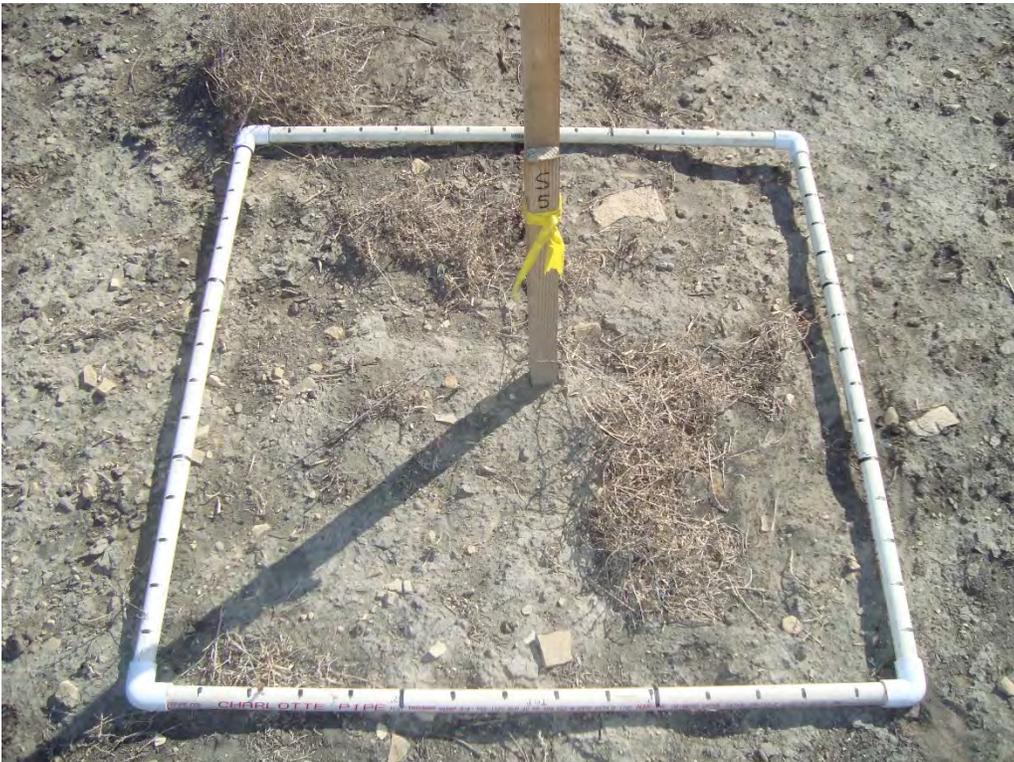
S2



S3



S4



S5



S6



S7



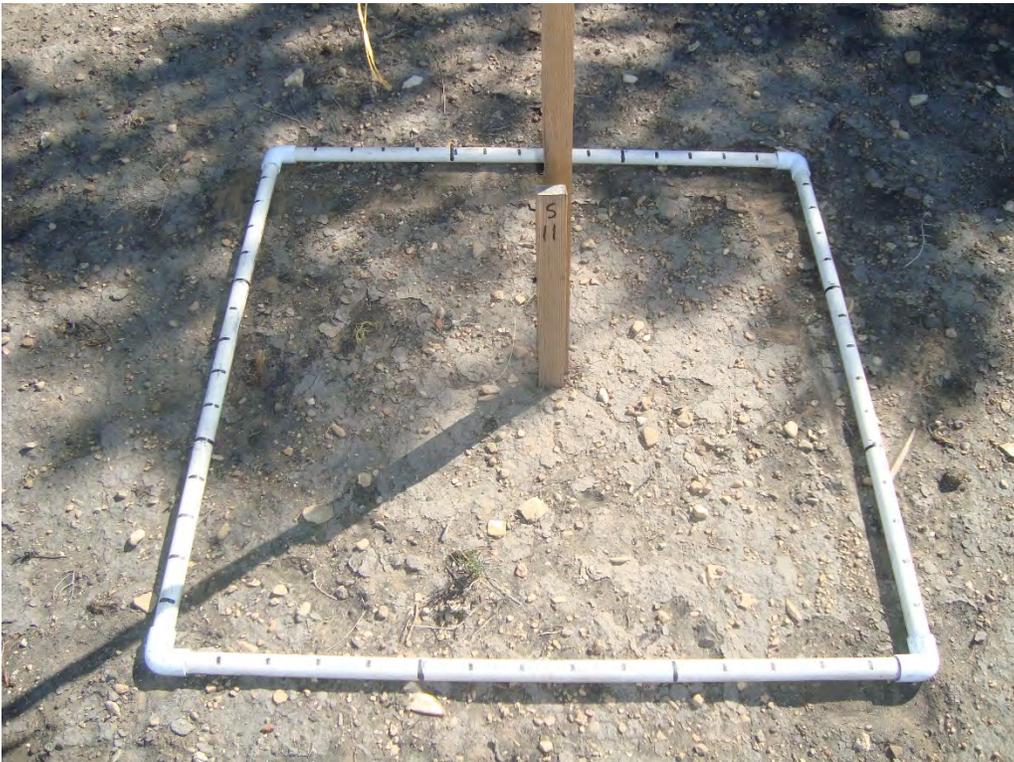
S8



S9



S10



S11



S12



S13



S14



S15



S16

**WILDCAT COAL FINES ISSUE
DIVISION ORDER-04 (WIND BLOWN FINES)
THIRD QUARTER 2014**

September 10, 2014

Prepared for:

WILD WEST EQUIPMENT & HAULING, LLC



Prepared by:

**J. T. Paluso, P.E.
EIS ENVIRONMENTAL & ENGINEERING CONSULTING
31 NORTH MAIN
HELPER, UTAH**

INTRODUCTION

The purpose of this report is to provide quarterly information on coal fines accumulation at the Wildcat Loadout as described in Appendix P, Response to Division Order DO-04 (Wind Blown Fines), Page 7, “Conduct future monitoring of wind-blown fines”. The coal fines monitoring procedure was revised as per DOGM’s meeting at Wildcat conducted on January 23, 2014.

PROCEDURE

On September 10, 2014, I conducted the 3rd Quarter coal fines monitoring procedure at the Wildcat Loadout. New monitoring points were installed during the first quarter of 2014. The new procedure was described in a memo sent to Pete Hess (DOGM) dated March 13, 2014. This new procedure described the method for future coal fines and vegetation monitoring at the Wildcat Loadout. The approved procedure required the installation of new monitoring points within the permit boundary and also outside of the permit boundary. Monitoring of vegetation growth will now be conducted only during the second quarter of each year.

There are now 21 sampling points on the north area and 16 sampling points on the south area. Figure 1 shows the sampling points and Figure 2 shows the areas that are of concern. Each point was located with a GPS. Refer to Appendix 1 for the GPS coordinate location of each point.

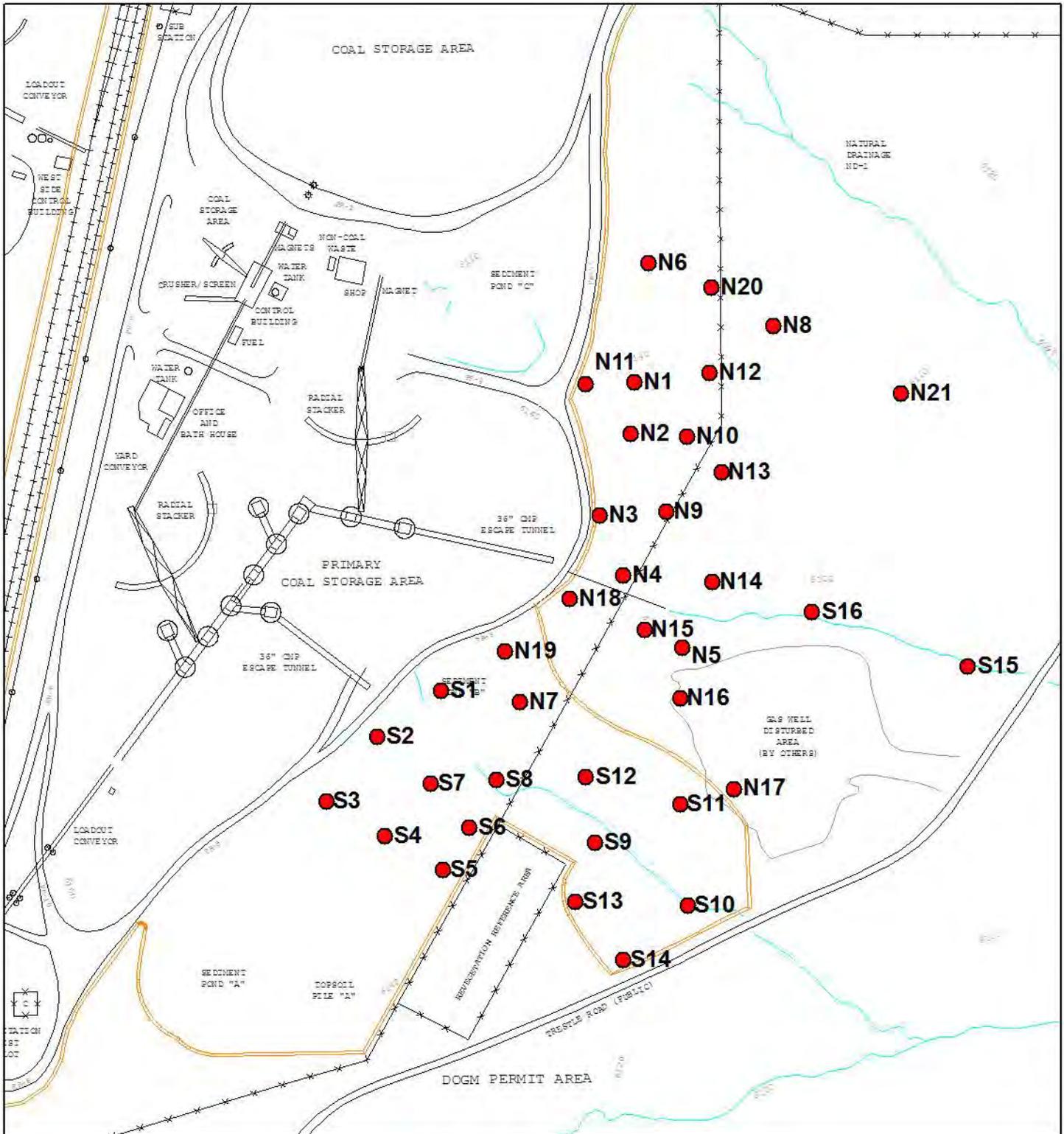
The depth of coal fines were measured at the stake. These measurements can be found on the Ground Cover Information Spreadsheet in Appendix 2. The average coal depth for the North and South area was calculated and is also shown on this sheet.

CONCLUSION

The results of the coal fines measurements indicated that the coal fines cover are more extensive on the northern portion of the monitoring area. The fines average 0.38 inches on the north area compared to 0.19 inches on the southern area. The average coal depth on the northern area dropped from 0.42 inches to 0.38 inches. The southern area has the same average thickness of coal fines 0.38 inches.

Vegetation reclamation work conducted in the spring of 2014 has not produced much new vegetation. This reclamation work was to re-establish vegetation after coal fines greater than 4 inches were removed. Refer to the photographs at the end of the photograph section. It appears to me that the disturbed area must be scarified and replanted in order to get new vegetation to grow. This fall would be an ideal time to revegetation these areas.

WILDCAT LOADOUT



● Random Photograph Sites

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Feet

0 110 220 330

N

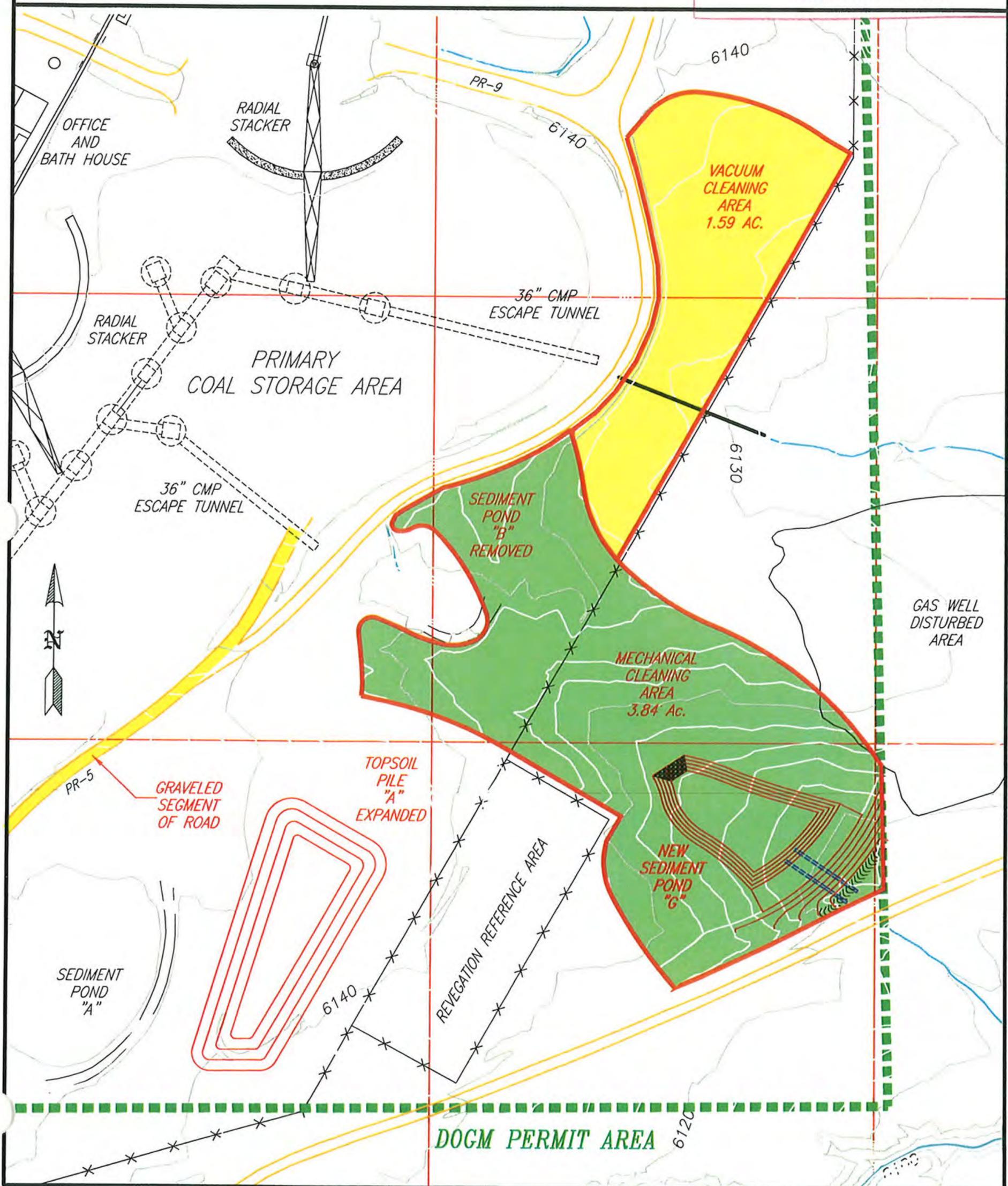
FIGURE 1

INCORPORATED
EFFECTIVE:

OCT 18 2010

UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE

WILDCAT LOADOUT
COAL FINES CLEAN-UP AREA
RESPONSE TO D0-04
FIGURE 2



APPENDIX 1
GPS COORDINATE LOCATION

Wildcat Loadout
Random Photograph Site Coordinates
All Coordinates in NAD 83

Name	Northing	Easting
N1	4388883.298	507251.984
N2	4388857.593	507250.164
N3	4388817.239	507234.904
N4	4388787.278	507246.718
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S12	4388687.237	507220.312
S13	4388625.264	507215.195
S14	4388596.345	507239.016
S15	4388742.365	507417.549
S16	4388769.154	507340.304

APPENDIX 2

GROUND COVER INFORMATION SPREADSHEET & FIELD WORK SHEETS

GROUND COVER INFORMATION SPREADSHEET										
3rd QUARTER 2014										
LOCATION	VEGETATION SQUARES	VEGETATION (COVER %)	SOIL SQUARES	SOIL (COVER %)	COAL FINES SQUARES	COAL FINES (COVER %)	COAL FINES (IN) AT STAKE	COMMENTS		
N1		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N2		0.00		0.00		0.00	0.00			
N3		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N4		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N5		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N6		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N7		0.00		0.00		0.00	3.00			
N8		0.00		0.00		0.00	0.00			
N9		0.00		0.00		0.00	0.25	Low spot		
N10		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N11		0.00		0.00		0.00	0.25	Soil over coal (SOC)*		
N12		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth (SOC)		
N13		0.00		0.00		0.00	0.25	Trace amounts are recorded as 0.00 depth (SOC)		
N14		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N15		0.00		0.00		0.00	0.13			
N16		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N17		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
N18		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth (SOC)		
N19		0.00		0.00		0.00	3.00	(SOC)		
N20		0.00		0.00		0.00	1.00	Coal fines due to water buildup near straw rolls		
N21		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
AVERAGE		0.00		0.00		0.00	0.38			
S1		0.00		0.00		0.00	2.00			
S2		0.00		0.00		0.00	0.13			
S3		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth (SOC)		
S4		0.00		0.00		0.00	0.00			
S5		0.00		0.00		0.00	0.00			
S6		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
S7		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
S8		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth (SOC)		
S9		0.00		0.00		0.00	0.25	(SOC)		
S10		0.00		0.00		0.00	0.13	(SOC)		
S11		0.00		0.00		0.00	0.00			
S12		0.00		0.00		0.00	0.50	(SOC)		
S13		0.00		0.00		0.00	0.00			
S14		0.00		0.00		0.00	0.00			
S15		0.00		0.00		0.00	0.00			
S16		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth		
AVERAGE		0.00		0.00		0.00	0.19			

*Soil over coal (SOC). In some areas soil has been deposited over coal. This was due to the high water runoff values carrying sediment.

APPENDIX 3
PHOTOGRAPHS

PHOTOGRAPHS



N1



N2



N3



N4



N5



N6



N7



N8



N9



N10



N11



N12



N13



N14



N15



N16



N17



N18



N19



N20



N21



S1



S2



S3



S4



S5



S6



S7



S8



S9



S10



S11



S12



S13



S14



S15



S16



NORTHERN AREA LOOKING FROM N20 TOWARDS N21



NORTHERN AREA LOOKING FROM N4 TOWARDS N1

**WILDCAT COAL FINES ISSUE
DIVISION ORDER-04 (WIND BLOWN FINES)
FOURTH QUARTER 2014**

December 29, 2014

Prepared for:

WILD WEST EQUIPMENT & HAULING, LLC



Prepared by:

**J. T. Paluso, P.E.
EIS ENVIRONMENTAL & ENGINEERING CONSULTING
31 NORTH MAIN
HELPER, UTAH**

INTRODUCTION

The purpose of this report is to provide quarterly information on coal fines accumulation at the Wildcat Loadout as described in Appendix P, Response to Division Order DO-04 (Wind Blown Fines), Page 7, “Conduct future monitoring of wind-blown fines”. The coal fines monitoring procedure was revised as per DOGM’s meeting at Wildcat conducted on January 23, 2014.

PROCEDURE

On December 9, 2014, I conducted the 4th Quarter coal fines monitoring procedure at the Wildcat Loadout. New monitoring points were installed during the first quarter of 2014. The new procedure was described in a memo sent to Pete Hess (DOGM) dated March 13, 2014. This new procedure described the method for future coal fines and vegetation monitoring at the Wildcat Loadout. The approved procedure required the installation of new monitoring points within the permit boundary and also outside of the permit boundary. Monitoring of vegetation growth will now be conducted only during the second quarter of each year.

There are now 21 sampling points on the north area and 16 sampling points on the south area. Figure 1 shows the sampling points and Figure 2 shows the areas that are of concern. Each point was located with a GPS. Refer to Appendix 1 for the GPS coordinate location of each point.

The depth of coal fines were measured at the stake. These measurements can be found on the Ground Cover Information Spreadsheet in Appendix 2. The average coal depth for the North and South area was calculated and is also shown on this sheet.

CONCLUSION

The results of the coal fines measurements indicated that the coal fines are still more extensive on the north sampling area. The fines average 0.51 inches on the north area compared to 0.22 inches on the southern area. The average coal depth on the northern area increased from 0.38 inches to 0.51 inches. Site N9 had coal fines to a depth of 4.5 inches. The southern area increased slightly from 0.19 to 0.22 inches.

Vegetation reclamation work conducted in the spring of 2014 still has not produced much new vegetation. This reclamation work was to re-establish vegetation after coal fines greater than 4 inches were removed. These reclaimed areas have developed a hard crust. The hard crust is making it difficult for new vegetation to start growing.

The new wind fences installed in the spring seemed to have helped controlled the accumulation of coal fines in the north and south areas.

APPENDIX 1
GPS COORDINATE LOCATION

Wildcat Loadout
Random Photograph Site Coordinates

All Coordinates in NAD 83

Name	Northing	Easting
N1	4388883.298	507251.984
N2	4388857.593	507250.164
N3	4388817.239	507234.904
N4	4388787.278	507246.718
N5	4388751.355	507276.069
N6	4388942.709	507259.085
N7	4388724.731	507187.675
N8	4388911.456	507321.233
N9	4388817.19	507263.082
N10	4388856.487	507278.12
N11	4388882.392	507227.824
N12	4388887.813	507289.428
N13	4388600.376	507323.119
N14	4388580.381	507311.915
N15	4388560.83	507300.496
N16	4388540.265	507287.518
N17	4388877.752	507384.593
N18	4388775.637	507220.054
N19	4388749.681	507187.688
N20	4388930.365	507290.383
N21	4388877.752	507384.593
S1	4388730.197	507148.488
S2	4388707.485	507124.338
S3	4388675.136	507091.473
S4	4388657.906	507120.464
S5	4388641.241	507149.536
S6	4388662.058	507162.426
S7	4388684.104	507143.486
S8	4388686.032	507175.9
S9	4388654.465	507224.755
S10	4388623.652	507270.843
S11	4388673.547	507267.177
S12	4388687.237	507220.312
S13	4388625.264	507215.195
S14	4388596.345	507239.016
S15	4388742.365	507417.549
S16	4388769.154	507340.304

APPENDIX 2

GROUND COVER INFORMATION SPREADSHEET & FIELD WORK SHEETS

GROUND COVER INFORMATION SPREADSHEET								
4th QUARTER 2014								
LOCATION	VEGETATION	VEGETATION	SOIL	SOIL	COAL FINES	COAL FINES	COAL FINES (IN)	COMMENTS
	SQUARES	(COVER %)	SQUARES	(COVER %)	SQUARES	(COVER %)	AT STAKE	
N1		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
N2		0.00		0.00		0.00	0.00	
N3		0.00		0.00		0.00	0.00	
N4		0.00		0.00		0.00	0.00	
N5		0.00		0.00		0.00	0.00	
N6		0.00		0.00		0.00	0.00	
N7		0.00		0.00		0.00	2.00	
N8		0.00		0.00		0.00	0.00	
N9		0.00		0.00		0.00	4.50	Water flows to this low spot
N10		0.00		0.00		0.00	0.00	
N11		0.00		0.00		0.00	1.00	
N12		0.00		0.00		0.00	0.00	
N13		0.00		0.00		0.00	0.25	Trace amounts are recorded as 0.00 depth
N14		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
N15		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
N16		0.00		0.00		0.00	0.00	
N17		0.00		0.00		0.00	0.00	
N18		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
N19		0.00		0.00		0.00	3.00	
N20		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
N21		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
AVERAGE		0.00		0.00		0.00	0.51	
S1		0.00		0.00		0.00	3.00	Signs of past water flows
S2		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth (Water Flows)
S3		0.00		0.00		0.00	0.00	
S4		0.00		0.00		0.00	0.00	
S5		0.00		0.00		0.00	0.00	
S6		0.00		0.00		0.00	0.00	
S7		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
S8		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
S9		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth (Water Flows)
S10		0.00		0.00		0.00	0.00	Trace amounts are recorded as 0.00 depth
S11		0.00		0.00		0.00	0.00	
S12		0.00		0.00		0.00	0.50	
S13		0.00		0.00		0.00	0.00	
S14		0.00		0.00		0.00	0.00	
S15		0.00		0.00		0.00	0.00	
S16		0.00		0.00		0.00	0.00	
AVERAGE		0.00		0.00		0.00	0.22	

APPENDIX 3
PHOTOGRAPHS



N1



N2



N3



N4



N5



N6



N7



N8



N9



N10



N11



N12



N13



N14



N15



N16



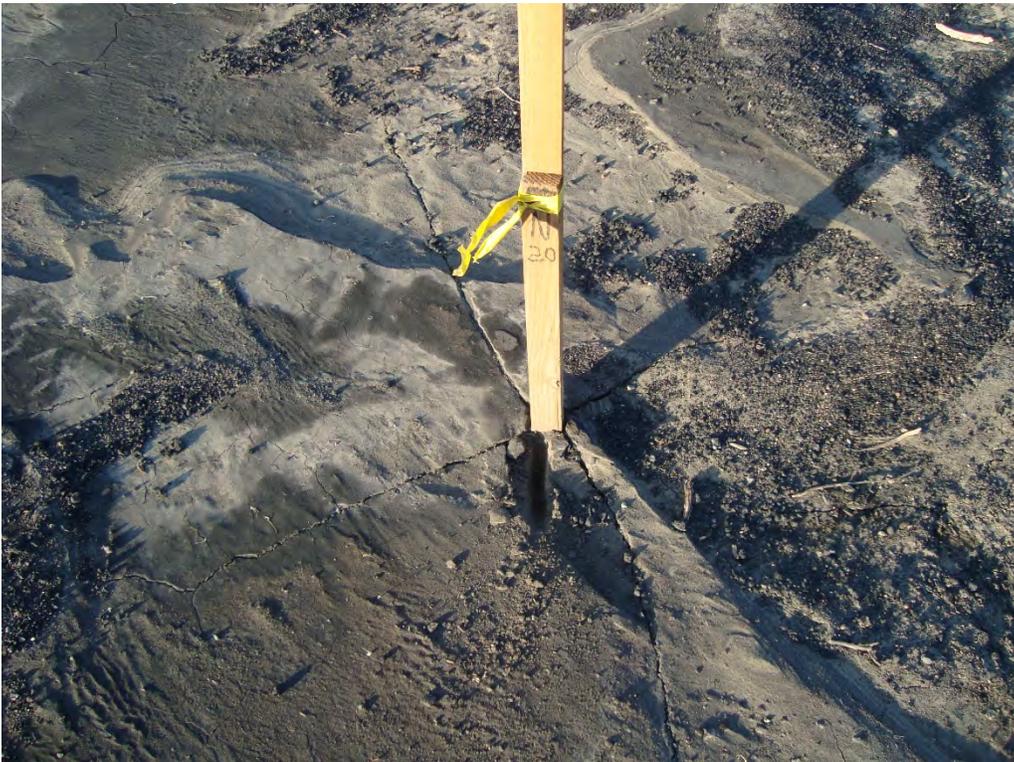
N17



N18



N19



N20



N21



S1



S2



S3



S4



S5



S6



S7



S8



S9



S10



S11



S12



S13



S14



S15



S16

**WILDCAT COAL FINES ISSUE
DIVISION ORDER-04 (WIND BLOWN FINES)
FIRST QUARTER 2014**

March 28, 2014

Prepared for:

WILD WEST EQUIPMENT & HAULING, LLC



Prepared by:

**J. T. Paluso, P.E.
EIS ENVIRONMENTAL & ENGINEERING CONSULTING
31 NORTH MAIN**

HELPER, UTAH

INTRODUCTION

The purpose of this report is to provide quarterly information on coal fines accumulation at the Wildcat Loadout as described in Appendix P, Response to Division Order DO-04 (Wind Blown Fines), Page 7, “Conduct future monitoring of wind-blown fines”.

PROCEDURE

A memo sent to Pete Hess (DOGM) dated March 13, 2014, described a new procedure for future coal fines and vegetation monitoring at the Wildcat Loadout. The approved procedure required the installation of new monitoring points within the permit boundary and also outside of the permit boundary. Monitoring of vegetation growth will now be conducted only during the second quarter.

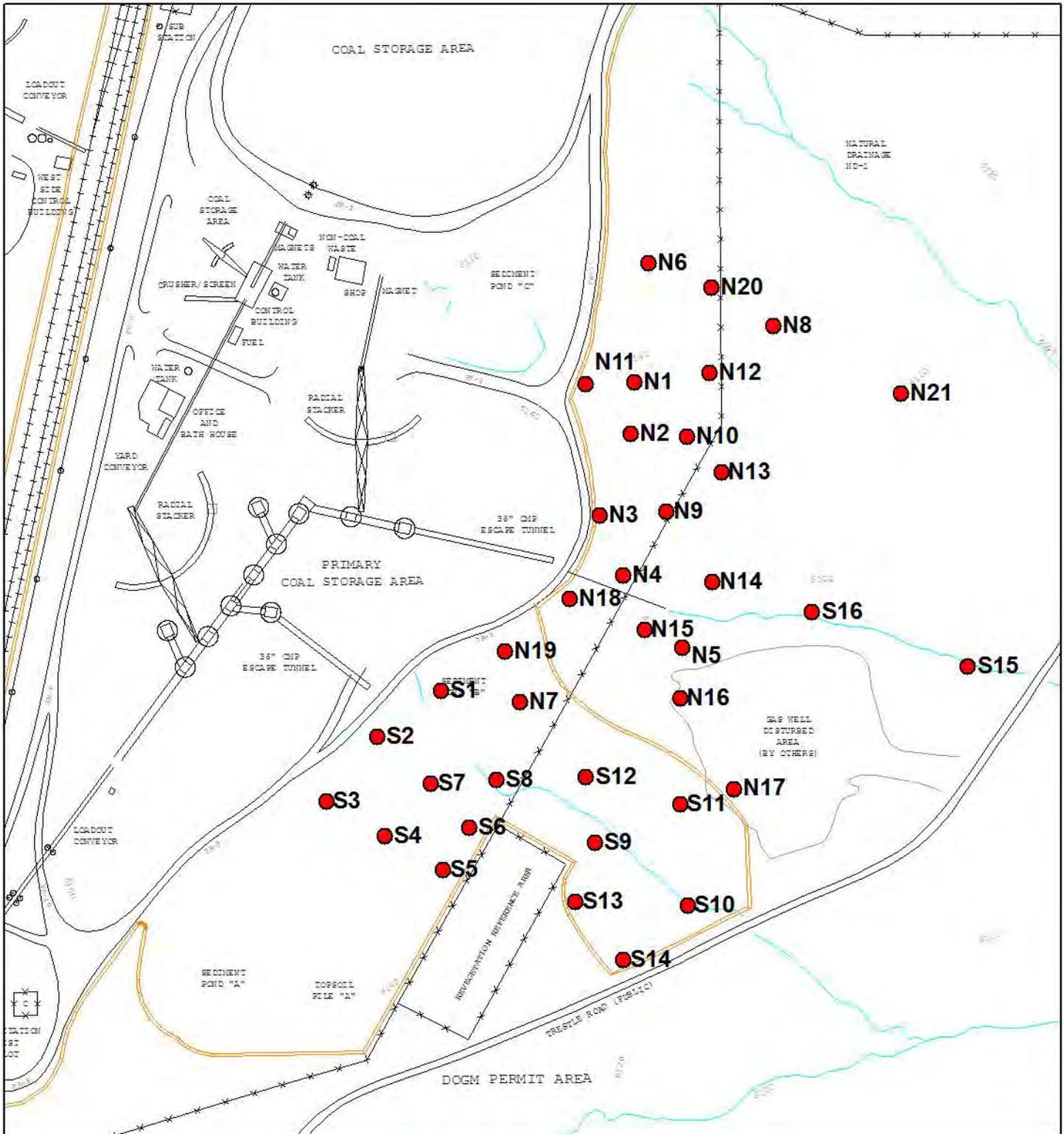
There are now 22 sampling points on the north area and 16 sampling points on the south area. Figure 1 shows the sampling points and Figure 2 shows the areas that are of concern. Each point was located with a GPS. Refer to Appendix 1 for the GPS coordinate location of each point.

The depth of coal fines was measured at the stake. These measurements can be found on the Ground Cover Information Spreadsheet in Appendix 2. The average coal depth for the North and South area was calculated and is also shown on this sheet.

CONCLUSION

Areas that had coal fines accumulation of over 4” were cleaned during the month of March. New sediment control straw rolls were installed in these areas. In an attempt to control the movement of coal fines, new wind fences were installed on the east side of the coal pile and portions of the east permit boundary fence. The existing wind fence, on the road east of the coal pile, was also extended further to the north.

WILDCAT LOADOUT



● Random Photograph Sites

Environmental Industrial Services
 Environmental & Engineering Consulting

31 North Main Street
 Helper, Utah 81526
 Office: (435) 472-3614
 Fax: (435) 172-8780
 EHSec@preciscom.net
 www.EISec.com

Feet

0 110 220 330

N

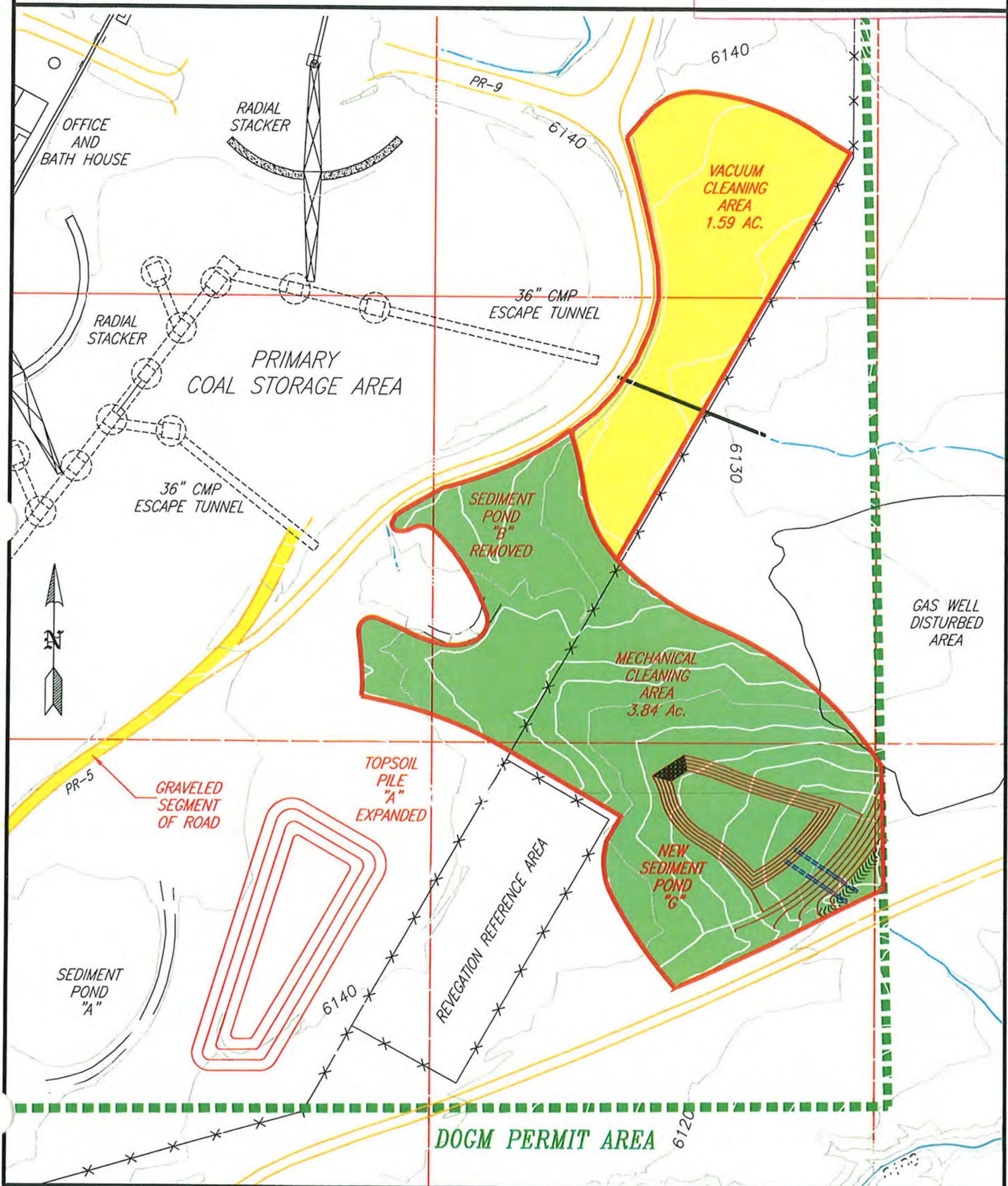
FIGURE 1

INCORPORATED
EFFECTIVE:

OCT 18 2010

UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE

WILDCAT LOADOUT
COAL FINES CLEAN-UP AREA
RESPONSE TO D0-04
FIGURE 2



APPENDIX 1
GPS COORDINATE LOCATION

Wildcat Loadout

Random Photograph Site Coordinates

All Coordinates in NAD 83

Name	Northing	Easting
N1	4388883.298	507251.984
N2	4388857.593	507250.164
N3	4388817.239	507234.904
N4	4388787.278	507246.718
N5	4388751.355	507276.069
N6	4388942.709	507259.085
N7	4388724.731	507187.675
N8	4388911.456	507321.233
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N12	4388887.813	507289.428
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N20	4388930.365	507290.383
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S1	4388730.197	507148.488
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S13	4388625.264	507215.195
S14	4388596.345	507239.016
S15	4388742.365	507417.549
S16	4388769.154	507340.304

APPENDIX 2

GROUND COVER INFORMATION SPREADSHEET & FIELD WORK SHEETS

GROUND COVER INFORMATION SPREADSHEET					
LOCATION	COAL FINES (IN)	Avg. Thickness (IN)	COMMENTS		
	AT STAKE (IN)				
N1	0.00	0.00			
N2	Trace	0.00			
N3	Trace	0.00	New stake location		
N4	Trace	0.00	New stake location		
N5	Trace	0.00	New stake location		
N6	Trace	0.00	New stake location		
N7	3.50	3.50			
N8	0.00	0.00	New stake location		
N9	Trace	0.00			
N10	Trace	0.00			
N11	Trace	0.00			
N12	Trace	0.00			
N13	2.50	2.50			
N14	2.50	2.50			
N15	2.50	2.50			
N16	0.50	0.50			
N17	0.50	0.50			
N18	2.50	2.50	New stake location		
N19	3.50	3.50	New stake location		
N20	Trace	0.00	New stake location		
N21	Trace	0.00	New stake location		
AVERAGE		0.86			
S1	2.50	2.50	Layers of coal and soil		
S2	Trace	0.00	New stake location		
S3	Trace	0.00			
S4	Trace	0.00			
S5	0.00	0.00			
S6	1.50	1.50			
S7	0.50	0.50			
S8	Trace	0.00			
S9	3.00	3.00	Layers of coal and soil		
S10	0.50	0.50			
S11	Trace	0.00			
S12	1.50	1.50			
S13	Trace	0.00			
S14	Trace	0.00			
S15	0.00	0.00	New stake location		
S16	0.50	0.50	New stake location		
AVERAGE		0.63			

APPENDIX 3
PHOTOGRAPHS

PHOTOGRAPHS OF CLEANED UP AREAS



LOOKING EAST NEAR TRUCK ENTRANCE



STRAW ROLLS LOOKING NORTH TOWARDS TRUCK ENTRANCE



AREA CLEANED EAST OF COAL PILE LOOKING SOUTH
NEW STRAW ROLLS AND WIND FENCE



CLOSEUP OF SAME AREA

PHOTOGRAPHS



N1



N2



N3



N4



N5



N6



N7



N8



N9



N10



N11



N12



N13



N14



N15



N16



N17



N18



N19



N20



N21



S1



S2



S3



S4



S5



S6



S7



S8



S9



S10



S11



S12



S13



S14



S15



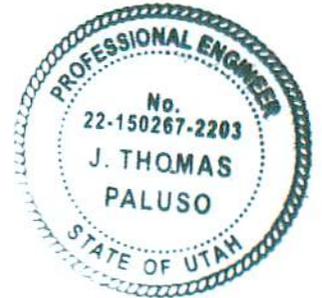
S16

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout Permit No. C/007/0033

Pond Number: DEPRESSION AREA



A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)
Water _____
Sediment DRY

C. Evidence of Animal Burrows Yes No

D. Vegetative Cover Yes No

Root Penetration Yes No

E. Spillway Condition NA Good Fair Poor Needs Work

F. Decant NA Good Fair Poor Needs Work

G. Freeboard NA Good Fair Poor Needs Work

Comments/Field Information:

Inspected By
Name: J. Paluso



Depression Area

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout Permit No. C/007/0033

Pond Number: PERMANENT IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)
Water DRY
Sediment _____

C. Evidence of Animal Burrows Yes No

D. Vegetative Cover Yes No

Root Penetration Yes No

E. Spillway Condition Good Fair Poor Needs Work

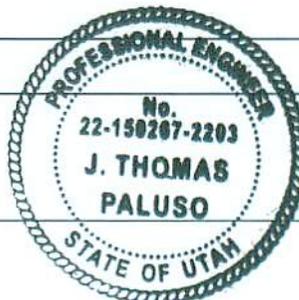
F. Decant Good Fair Poor Needs Work

G. Freeboard Good Fair Poor Needs Work

Comments/Field Information:

UPPER & LOWER CELLS DRY

Inspected By
Name: J. J. Paluso





Permanent Impoundment (Upper Cell)



Permanent Impoundment (Lower Cell)

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout Permit No. C/007/0033

Pond Number: "A"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water
Sediment

DRY
2' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

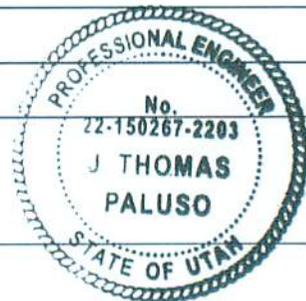
Good Fair Poor Needs Work

Comments/Field Information:

WEST INLET FULL OF WEEDS, SHOULD BE CLEANED

Inspected By
Name:

J. Thomas Paluso





Sediment Pond A



Weeds in West Inlet

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout Permit No. C/007/0033

Pond Number: "B"

A. Bank Stability

Incised 3/4

Embankment 1/4

B. Capacity (0% / 100%)

Water

Sediment

DRY
2.5' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

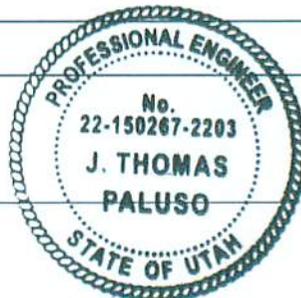
G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

Inspected By

Name: J. J. Paluso





Sediment Pond B

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout Permit No. C/007/0033

Pond Number: "C"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY

1.5' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

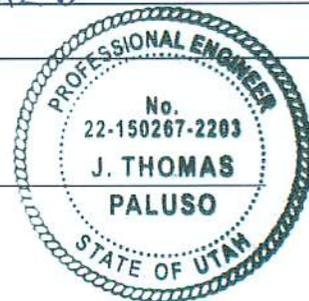
Good Fair Poor Needs Work

Comments/Field Information:

EMERGENCY SPILLWAY INLET HAS DIRT IN INLET,
NEEDS TO BE CLEANED.

WEST INLET CULVERT BAND IS COMING OFF. PIPE
IS LEAKING & SHOULD BE REPAIRED

Inspected By
Name: J T Paluso





Sediment Pond C



West Inlet Pipe Band Coming Loose



Emergency Spillway Inlet Needs to be Cleaned

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout Permit No. C/007/0033

Pond Number: "D"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

DRY

Sediment

1.5' BELOW CLEAN OUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

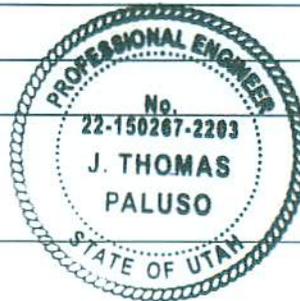
Good Fair Poor Needs Work

Comments/Field Information:

SOUTH INLET ERODING AND SHOULD BE REPAIRED

Inspected By

Name: J T Paluso





Sediment Pond D

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout Permit No. C/007/0033

Pond Number: "E"

A. Bank Stability

Incised
Embankment

B. Capacity (0% / 100%)

Water DRY
Sediment 27" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

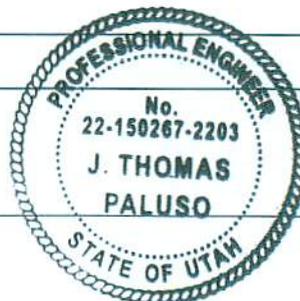
Good Fair Poor Needs Work

Comments/Field Information:

TREES ARE STARTING TO GROW IN SEDIMENT POND.
THESE PROBABLY SHOULD BE REMOVED.

Inspected By
Name:

J. Paluso





Sediment Pond E



Trees Starting to Grow in Sediment Pond

Sedimentation Pond Inspection

Date: March 25, 2014

Company/Mine Name: WildCat Loadout

Permit No. C/007/0033

Pond Number: "F"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY
2.1' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

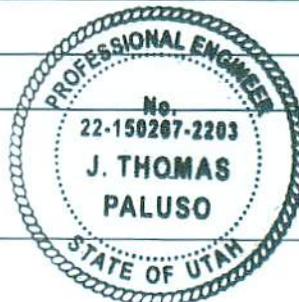
G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

Inspected By
Name:

J. Paluso





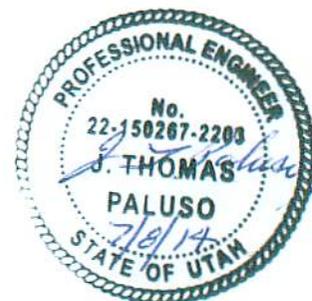
Sediment Pond F

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: DEPRESSION AREA



A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)
Water DRY
Sediment _____

C. Evidence of Animal Burrows Yes No

D. Vegetative Cover Yes No

Root Penetration Yes No

E. Spillway Condition NA Good Fair Poor Needs Work

F. Decant NA Good Fair Poor Needs Work

G. Freeboard NA Good Fair Poor Needs Work

Comments/Field Information:

Inspected By
Name: _____

J. Paluso



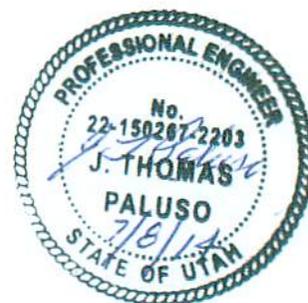
DEPRESSION AREA

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: PERMANENT IMPOUNDMENT



A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%) _____

Water _____

Sediment _____

C. Evidence of Animal Burrows Yes No

D. Vegetative Cover Yes No

Root Penetration Yes No

E. Spillway Condition Good Fair Poor Needs Work

F. Decant Good Fair Poor Needs Work

G. Freeboard Good Fair Poor Needs Work

Comments/Field Information:

UPPER & LOWER CELLS ARE DRY

90° ELBOW ON INLET SIDE OF UPPER CELL SHOULD
BE REMOVED AND INSTALLED ON OTHER CULVERT
(PRINCIPAL SPILLWAY).

Inspected By

Name: J. Paluso



PERMANENT IMPOUNDMENT (UPPER CELL)



PERMANENT IMPOUNDMENT (LOWER CELL)

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "A"



A. Bank Stability

- Incised
- Embankment

B. Capacity (0% / 100%)
Water _____
Sediment DRY
2' BELOW CLEANOUT

C. Evidence of Animal Burrows Yes No

D. Vegetative Cover Yes No

Root Penetration Yes No

E. Spillway Condition Good Fair Poor Needs Work

F. Decant Good Fair Poor Needs Work

G. Freeboard Good Fair Poor Needs Work

Comments/Field Information:

Inspected By
Name: J. T. Paluso



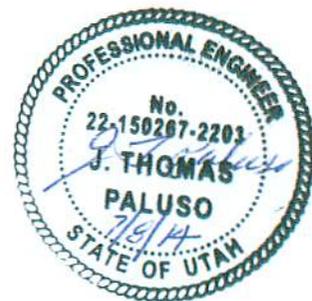
SEDIMENT POND A

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "B"



A. Bank Stability

Incised 3/4

Embankment 1/4

B. Capacity (0% / 100%)

Water DRY
Sediment 2.5' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

COAL FINES BUILDING UP ON POND SIDE OF EMERGENCY
SPILLWAY. FINES NEED TO BE REMOVED (HAND SHOVELING)
ALONG WITH WEEDS.

PRINCIPAL SPILLWAY NEEDS SOME DIRT/COAL FINES REMOVED
BELOW INLET. THIS WILL PROVIDE MORE INLET SPACE.

Inspected By

Name: J. T. Paluso



SEDIMENT POND B



WEEDS AT INLET



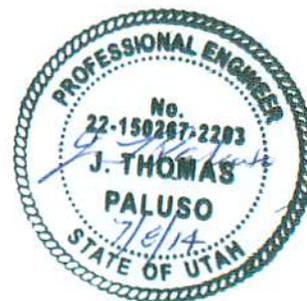
COAL & WEEDS IN EMERGENCY SPILLWAY

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "C"



A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water DRY

Sediment 1.5' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

DIRT NEEDS TO BE REMOVED FROM OUTLET SIDE OF
EMERGENCY SPILLWAY

GOPHERS & HOLES UNDER INLET SIDE OF PRINCIPAL
SPILLWAY. HOLES SHOULD BE REPAIRED.

Inspected By

Name: J T Paluso



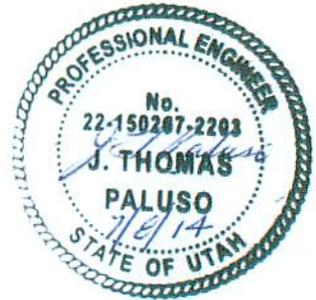
SEDIMENT POND C

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "D"



A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY
1.5' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

Inspected By

Name: J. Paluso



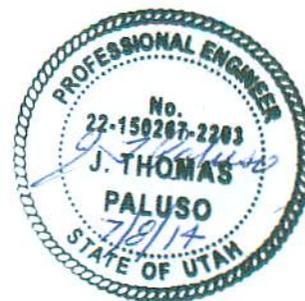
SEDIMENT POND D

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "E"



A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY

27" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

Inspected By

Name: J. Thomas Paluso



SEDIMENT POND E

Sedimentation Pond Inspection

Date: June 19, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "F"



A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water
Sediment

DRY
2.1' BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

DISCHARGE END OF PRINCIPAL SPILLWAY NEEDS A SMALL
AMOUNT OF DIRT REMOVED.

Inspected By

Name: J. Paluso



SEDIMENT POND F

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: DEPRESSION AREA

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)
Water
Sediment

~ 1' WATER

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition NA

Good Fair Poor Needs Work

F. Decant NA

Good Fair Poor Needs Work

G. Freeboard NA

Good Fair Poor Needs Work

Comments/Field Information:

Inspected By

Name: J. J. Pakus



DEPRESSION AREA

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: PERMANENT IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)
Water _____
Sediment _____

C. Evidence of Animal Burrows Yes No

D. Vegetative Cover Yes No

Root Penetration Yes No

E. Spillway Condition Good Fair Poor Needs Work

F. Decant Good Fair Poor Needs Work

G. Freeboard Good Fair Poor Needs Work

Comments/Field Information:

UPPER CELL HAS ~ 6" WATER
LOWER CELL IS DRY

Inspected By

Name: J J Palusz



PERMANENT IMPOUNDMENT (UPPER CELL)



PERMANENT IMPOUNDMENT (LOWER CELL)

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "A"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

~1' WATER
~2' BELOW CLEANOUT (?)

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

CANNOT SEE SEDIMENT LEVEL DUE TO WATER.

Inspected By

Name: J. Palmer



SEDIMENT POND A

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "B"

A. Bank Stability

Incised 3/4
Embankment 1/4

B. Capacity (0% / 100%)
Water
Sediment

~ 1' BELOW CLEANOUT
~ 2.5' BELOW CLEANOUT(?)

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

WEED REMOVAL LOOKS GOOD.
DUE TO WATER IN POND IT IS DIFFICULT TO TELL
SEDIMENT LEVEL.

Inspected By

Name: J J Paluso



SEDIMENT POND B

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "C"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

6" BELOW CLEANOUT
?

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

CANNOT SEE SEDIMENT LEVEL DUE TO WATER.

Inspected By

Name: J J Paluso



SEDIMENT POND C

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "D"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

3' BELOW CLEANOUT
?

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

CANNOT SEE SEDIMENT LEVEL DUE TO WATER.

Inspected By

Name: J J Paluso



SEDIMENT POND D

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "E"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)
Water ~1'
Sediment ?

C. Evidence of Animal Burrows Yes No

D. Vegetative Cover Yes No

Root Penetration Yes No

E. Spillway Condition Good Fair Poor Needs Work

F. Decant Good Fair Poor Needs Work

G. Freeboard Good Fair Poor Needs Work

Comments/Field Information:

CANNOT SEE SEDIMENT LEVEL DUE TO WATER.

Inspected By
Name: J J Paluso



SEDIMENT POND E

Sedimentation Pond Inspection

Date: September 10, 2014

Company/Mine Name: Wilcat Loadout Permit No. C/007/0033

Pond Number: "F"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)
Water
Sediment

~ 20" BELOW CLEANOUT
?

C. Evidence of Animal Burrows

Yes No

D. Vegetative Cover

Yes No

Root Penetration

Yes No

E. Spillway Condition

Good Fair Poor Needs Work

F. Decant

Good Fair Poor Needs Work

G. Freeboard

Good Fair Poor Needs Work

Comments/Field Information:

CANNOT SEE SEDIMENT LEVEL DUE TO WATER.

Inspected By

Name: J V Paluso



SEDIMENT POND F

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number:	ACT/015/025	Report Date: December 23, 2014	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Haulage, LLC		
Impoundment Identification:	Impoundment Name	Permanent Impoundment	
	Impoundment Number:	Permanent Impoundment	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	

IMPOUNDMENT INSPECTION			
Inspection Date:	December 9, 2014		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			

1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.

The pond's dam shows no signs of structural instability or other hazardous conditions.

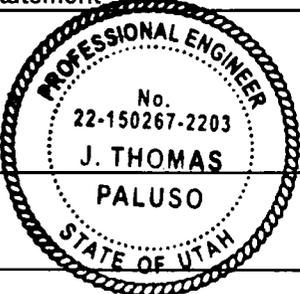
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.
	Existing Storage Capacity: 0.437 ac-ft (Upper) and 1.114 ac-ft (Lower)
	Existing Sediment Storage Capacity (To Cleanout): NA
	3. Principle and emergency spillway elevations
	Principle spillway elevation: 6195.8 Upper Cell, 6185.8 Lower Cell
	Emergency spillway elevation: 6196.3 Upper Cell, NA Lower Cell

4. Field Information: Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

During the annual inspection December 9, 2014, the vegetative cover looked good with no signs of erosion.

5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

The sediment ponds were dry. See the attached photographs.

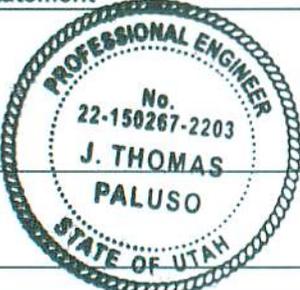
Qualified Statement	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment 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.
	
Signature: <i>J. T. Paluso</i>	Date: 12/23/14



PERMANENT IMPOUNDMENT (UPPER CELL)

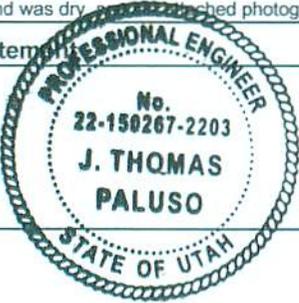


PERMANENT IMPOUNDMENT (LOWER CELL)

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number:	ACT/015/025	Report Date: December 23, 2014	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Hauling, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "A"	
	Impoundment Number:	A	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	December 9, 2014		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 2.9 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): .48 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,149.0'		
	Emergency spillway elevation: 6,150.0'		
4. Field Information: Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the annual inspection, December 9, 2014, the vegetative cover looked good with no signs of erosion. Both spillways look good with no signs of stability problems.			
5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond is dry, see the attached photograph. Sediment is approximately 24" below cleanout level.			
Qualified Statement	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment 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.		
	Signature: <i>J. T. Paluso</i>		Date: 12/23/14



SEDIMENT POND A

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 23, 2014	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Hauling, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "B"	
		B	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	December 9, 2014		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 0.41 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.10 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,138.0'		
	Emergency spillway elevation: 6,139.0'		
4. Field Information: Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the annual inspection, December 9, 2014, the vegetative cover looked good with no signs of erosion.			
5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond was dry per attached photograph. Sediment is 16" below cleanout level.			
Qualified Statement:	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment 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.		
	Signature: <i>J.T. Paluso</i>		Date: 12/23/14



SEDIMENT POND B

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number:	ACT/015/025	Report Date: December 23, 2014	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Haulage, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "C"	
	Impoundment Number:	C	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	

IMPOUNDMENT INSPECTION			
Inspection Date:	December 9, 2014		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
<small>(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)</small>			

1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.

The pond's dam shows no signs of structural instability or other hazardous conditions.

Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.
	Existing Storage Capacity: 4,174 ac-ft
	Existing Sediment Storage Capacity (To Cleanout): 0.23 ac-ft
	3. Principle and emergency spillway elevations
	Principle spillway elevation: 6,137.0'
	Emergency spillway elevation: 6,138.0'

4. Field Information: Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

During the annual inspection, December 9, 2014, the vegetative cover looked good with no signs of erosion.

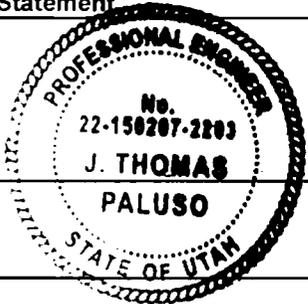
5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

The sediment pond was dry. See the attached photograph. Sediment is 11" below cleanout level. Pond sediment is getting close to cleanout level.

Qualified Statement	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment 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.	
	Signature: <i>J. T. Paluso</i>	Date: <i>12/23/14</i>

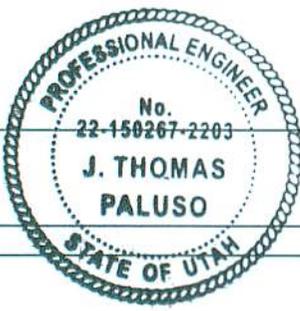


SEDIMENT POND C

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 23, 2014	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Haulage, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "D"	
	Impoundment Number:	D	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	December 9, 2014		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 1.131 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.09 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,139.0'		
	Emergency spillway elevation: 6,140.0'		
4. Field Information: Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the annual inspection, December 9, 2014, the vegetative cover looked good with no signs of erosion.			
5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond was dry. Sediment is 13" below cleanout level. Sediment approaching cleanout level. Outlet of Emergency Spillway has 4" dirt that should be cleaned out.			
Qualified Statement	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment 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.		
	Signature: <i>J. T. Paluso</i>		Date: 12/23/14

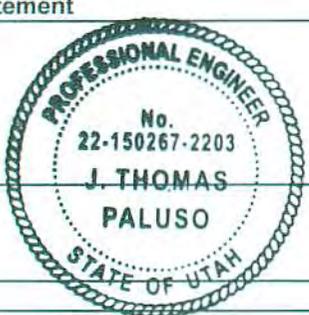


SEDIMENT POND D

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number:	ACT/015/025	Report Date: December 23, 2014	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Haulage, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "E"	
	Impoundment Number:	E	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	December 9, 2014		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 1.092 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.18 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,145.0'		
	Emergency spillway elevation: 6,146.0'		
4. Field Information: Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.			
During the annual inspection, December 9, 2014, the vegetative cover looked good with no signs of erosion.			
5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond was dry. See the attached photograph. Sediment is 27" below cleanout level.			
Qualified Statement	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment 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.		
	Signature: <i>J. T. Paluso</i>		Date: <i>12/23/14</i>



SEDIMENT POND E

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 23, 2014	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Haulage, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "F"	
	Impoundment Number:	F	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	December 9, 2014		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
<small>(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)</small>			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 0.869 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.15 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,173.0'		
	Emergency spillway elevation: 6,174.0'		
4. Field Information: Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the annual inspection, December 9, 2014, the vegetative cover looked good with no signs of erosion.			
5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond was dry. See the attached photograph. Sediment is approximately 18" below cleanout level.			
Qualified Statement	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment 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.		
	Signature:	<i>J.T. Paluso</i>	Date: 12/23/14



SEDIMENT POND F

State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458
www.ogm.utah.gov



Quarterly Inspection Form - Refuse Disposal Areas

(please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/0033 Inspection Date : June 19, 2014
 Mine Name : Wildcat Loadout Quarter / Year : 2nd Quarter/2014
 Mine Operator (Permittee) : Wildwest Equipment & Hauling Inspector Name : J. T. Paluso
 MSHA ID # : 1211-UT-09-018664-01 Inspector Signature : J. T. Paluso
 Facility Name / Location / Address : Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
There has not been any changes made this quarter. Refuse consists of +4" rock.

2. Lift Height / Thickness Avg NA Maximum 2' # Elevation of Active Benches : NA , ,
 3. Vertical Angle of Outslope(s) / Location(s) where measured NA / / /
 4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0
 5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :
Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :
Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :
No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :
None known

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Could failure of structure create an impoundment (provide description) ? Failure of side slopes would not impound water.

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : NA

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 structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)



PHOTOGRAPHS



Refuse Pile Entrance



Looking North at Refuse Pile

State of Utah
DEPARTMENT OF NATURAL RESOURCES
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www.ogm.utah.gov



Quarterly Inspection Form - Refuse Disposal Areas
 (please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/0033 Inspection Date : March 25, 2014
 Mine Name : Wildcat Loadout Quarter / Year : 1st Quarter/2014
 Mine Operator (Permittee) : Wildwest Equipment & Hauling Inspector Name : J. T. Paluso
 MSHA ID # : 1211-UT-09-018664-01 Inspector Signature : *J. T. Paluso*
 Facility Name / Location / Address : Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
There has not been any changes made this quarter. Refuse consists of +4" rock.

2. Lift Height / Thickness Avg NA Maximum 2' # _____ Elevation of Active Benches : NA , _____ , _____

3. Vertical Angle of Outslope(s) / Location(s) where measured NA / _____ / _____ / _____

4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0

5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :
Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :
Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :
No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :
None known

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

- Are there cracks or scarps in crest ? YES NO
- Is there any detectable sloughing or bulging ? YES NO
- Do slope erosion problems exist ? YES NO
- Cracks or scarps in slope ? YES NO
- Surface movements? (valley bottom, hillsides) YES NO
- Erosion of Toe ? YES NO
- Water impounded by structure ? YES NO
- Are diversion ditches stable? YES NO
- Is drainage positive ? YES NO

Could failure of structure create an impoundment (provide description) ? Failure of side slopes would not impound water.

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : NA

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 structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)



Refuse Pile Sign



Top of Refuse Pile Looking North



East Side of Refuse Pile Looking North

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Quarterly Inspection Form - Refuse Disposal Areas

(please provide to DOGM promptly after inspection is complete)

Permit Number :	<u>C/007/0033</u>	Inspection Date :	<u>June 19, 2014</u>
Mine Name :	<u>Wildcat Loadout</u>	Quarter / Year :	<u>3rd Quarter/2014</u>
Mine Operator (Permittee) :	<u>Wild West Equipment & Hauling</u>	Inspector Name :	<u>J. T. Paluso</u>
MSHA ID # :	<u>1211-UT-09-018664-01</u>	Inspector Signature :	<u>J. T. Paluso</u>
Facility Name / Location / Address :	<u>Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526</u>		

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
There has not been any changes made this quarter. Refuse consists of +4" rock.

2. Lift Height / Thickness Avg NA Maximum 2' # Elevation of Active Benches : NA
 3. Vertical Angle of Outslope(s) / Location(s) where measured NA
 4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0
 5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material):
Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed):
Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure? (If YES, specify extent, location, and abatement/extinguishment of such fires):
No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow):
None known

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Could failure of structure create an impoundment (provide description)? Failure of side slopes would not impound water.

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : NA

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 structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)

PICTURES



REFUSE PILE LOOKING NORTH



WEST SIDE OF REFUSE PILE LOOKING NORTH



REFUSE PILE LOOKING SOUTH

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Quarterly Inspection Form - Refuse Disposal Areas

(please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/0033 Inspection Date : December 9, 2014
 Mine Name : Wildcat Loadout Quarter / Year : 4th / 2014
 Mine Operator (Permittee) : Wildwest Equipment & Hauling Inspector Name : J. T. Paluso
 MSHA ID # : 1211-UT-09-018664-01 Inspector Signature : Joseph T. Paluso
 Facility Name / Location / Address : Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526

Digitally signed by Joseph T. Paluso
 DN: cn=Joseph T. Paluso, o=DNR, ou=Utah, email=jpaluso@dnr.utah.gov, c=US
 Date: 2014.12.09 10:24:01 -0700

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
There has not been any changes made this quarter. Refuse consists of +4" rock.

2. Lift Height / Thickness Avg NA Maximum 2' # Elevation of Active Benches : NA , ,
 3. Vertical Angle of Outslope(s) / Location(s) where measured NA / / /
 4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0
 5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :
Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :
Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :
No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :
None known. Runoff collection ditch was reinstalled. This ditch directs water to Sediment Pond F

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ? YES NO
 Is there any detectable sloughing or bulging ? YES NO
 Do slope erosion problems exist ? YES NO
 Cracks or scarps in slope ? YES NO
 Surface movements? (valley bottom, hillsides) YES NO
 Erosion of Toe ? YES NO
 Water impounded by structure ? YES NO
 Are diversion ditches stable? YES NO
 Is drainage positive ? YES NO

Could failure of structure create an impoundment (provide description) ? Failure of side slopes would not impound water.

(place P.E. certification below)

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : NA



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 structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



EAST SIDE OF REFUSE PILE



ENTRANCE TO REFUSE PILE (LOOKING SOUTH)