



OGMCOAL DNR <ogmcoal@utah.gov>

Wildcat Coal Fines Report

1 message

Kit Pappas <kit@emerytelcom.net>

Tue, Apr 22, 2014 at 9:40 AM

To: Amanda Daniels <amandadaniels@utah.gov>, Daron Haddock <daronhaddock@utah.gov>, ogmcoal@utah.gov

Attached, please find a copy of the 1st Quarter 2014 Coal Fines Monitoring Report from the Wildcat Loadout C/007/0033.

Thank you,

Kit

John C. (Kit) Pappas

1646 East Castle Circle

Price, Utah 84501

Phone: Home [435-637-2096](tel:435-637-2096)

Mobile [435-650-7339](tel:435-650-7339)

Email: kit@emerytelcom.net

kitpappas@gmail.com



WILDCAT COAL FINES ISSUE REPORT 1st QT 2014 Reduced Size.pdf

6760K

**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.

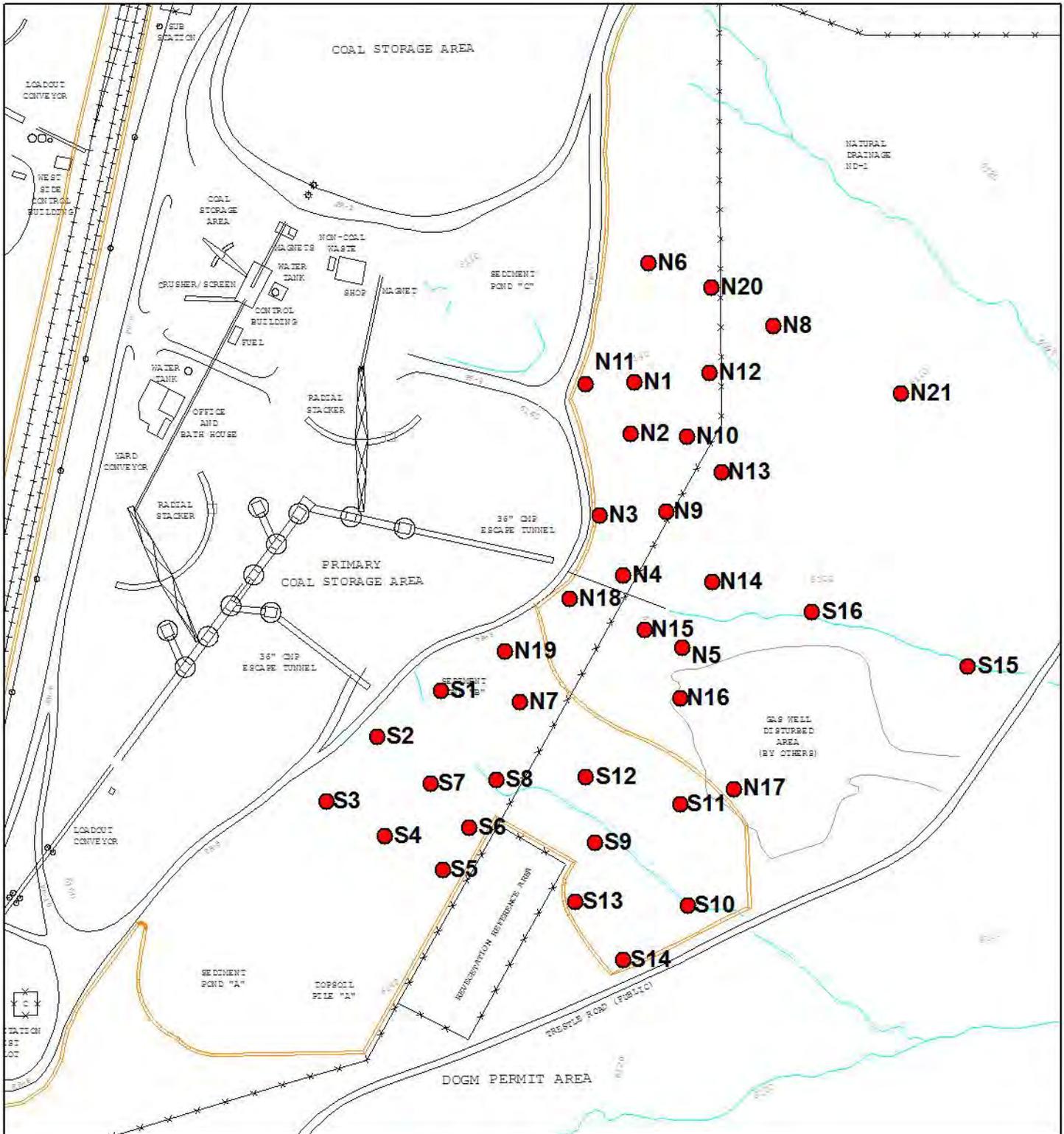
There are now 22 sampling points on the north area and 16 sampling points on the south area. Figure 1 shows the sampling points and Figure 2 shows the areas that are of concern. Each point was located with a GPS. Refer to Appendix 1 for the GPS coordinate location of each point.

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

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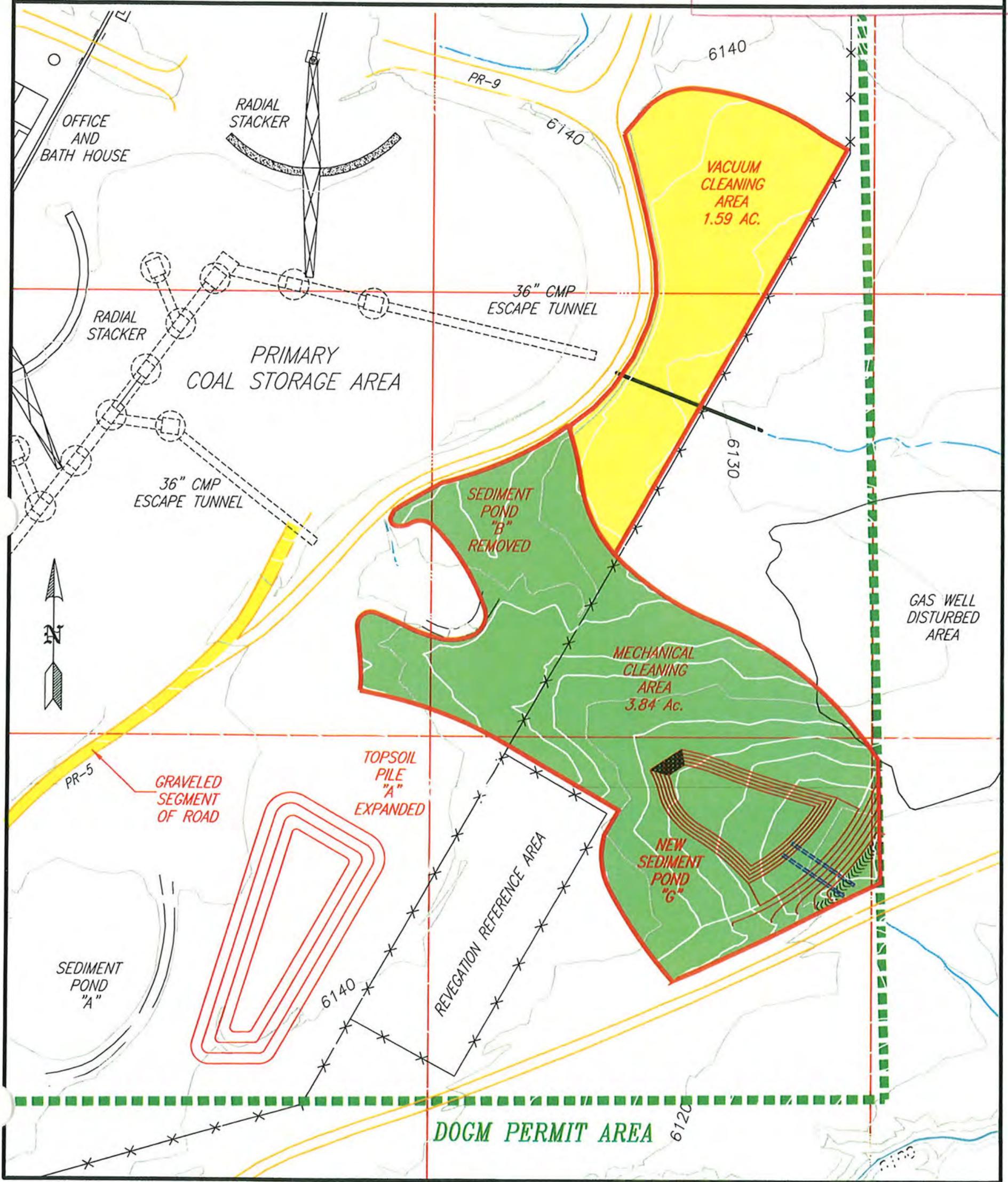
FIGURE 1

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
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					
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



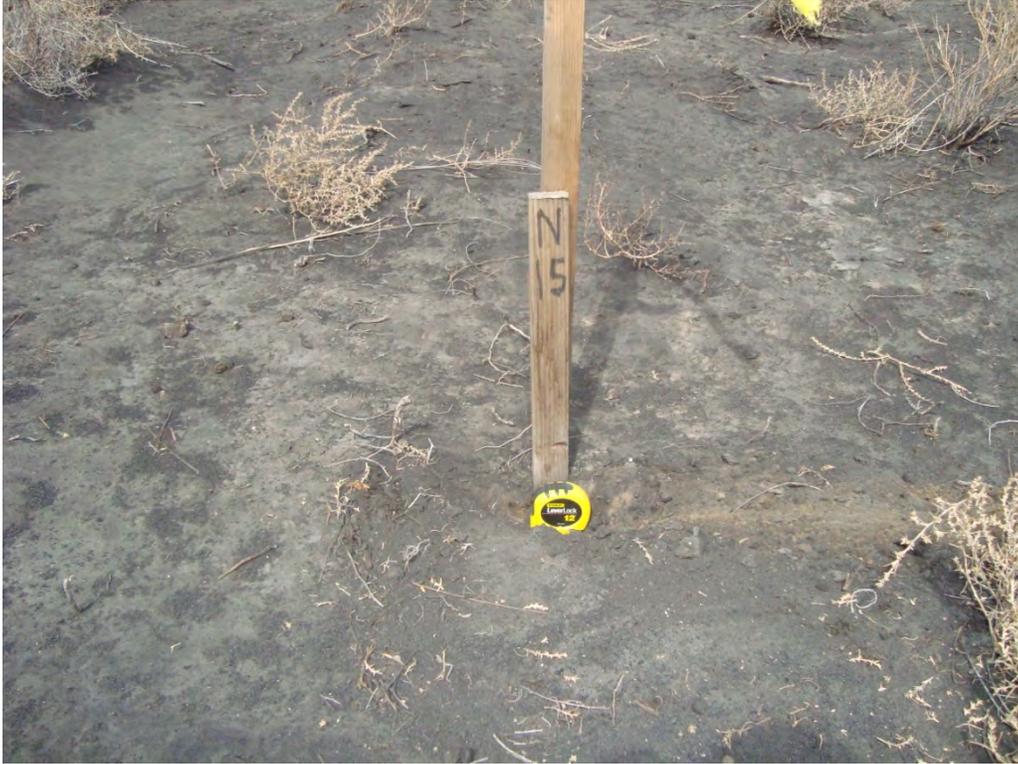
N12



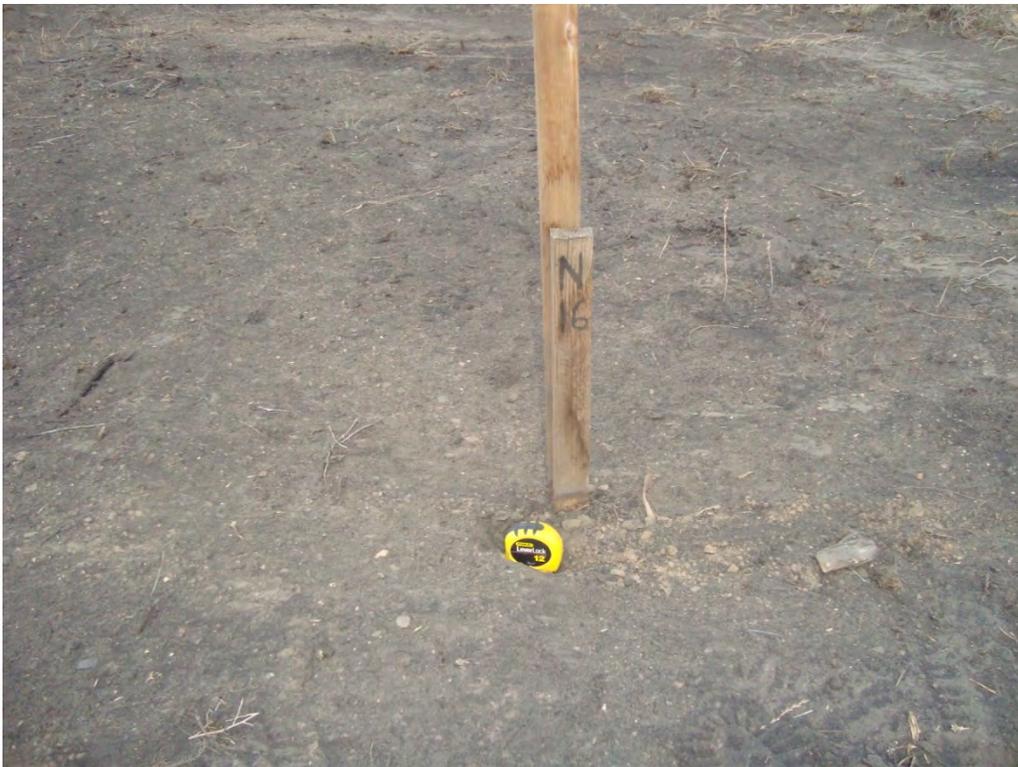
N13



N14



N15



N16



N17



N18



N19



N20



N21



S1



S2



S3



S4



S5



S6



S7



S8



S9



S10



S11



S12



S13



S14



S15



S16