



# A.G. Wassenaar

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Inc.

013-06585

## EnCana Stormwater Management Inspection Form

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Well Name: Shaffer Newman 0-6-13, 1-8-13, 24-13

AGW Project Number: E09192.EC

Date & Time: 10/2/09 @ 1:45 pm

Inspector's Printed Name and Title: Jason Davidson, Environmental Geologist

Inspector's Signature: Jason Davidson

Any outstanding issues from previous inspection: No

Date when issues were resolved: N/A

### Weather Conditions During Inspection

Temperature: 60° F

Precipitation: None

Clouds: Clear

Wind: 0-5 mph

### Activities Onsite During Inspection (Check all that apply)

Grading		Fencing	
Excavation/Backfill		Workover Rig	
Utility Construction		Production	✓
Concrete		Reclamation	✓
Asphalt Paving		Drilling	
Landscaping		Building Construction	

### Access Road BMPs

	Per SWMP Design	Requires Maintenance	Install/Replace	N/A
Silt Fence				✓
Vehicle Tracking Pad				✓
Seeding/Mulching	✓			
Inlet /Outlet Protection				✓
Hay Bales/Wattles				✓
Erosion Control Blankets				✓
Vegetative Buffer	✓			
Temporary Stream Crossing	✓			
Check Dams				✓
Reinforced Rock Berm				✓
Other				✓

Drilling Pad BMPs				
	Per SWMP Design	Requires Maintenance	Install/Replace	N/A
Silt Fence	✓			
Ditch and Berm				✓
Seeding/Mulching	✓			
Stockpile Hydro Mulching				✓
Erosion Control Blankets				✓
Hay Bales/Wattles				✓
Check Dams				✓
Inlet/Outlet Protection				✓
Grading Techniques				✓
Vegetative Buffer	✓			
Other				✓

Re-vegetation Progress on Drilling Pad (Applicable? Yes / No)			
Disturbed Areas	(Grasses/ft <sup>2</sup> )*	Undisturbed Areas	(Grasses/ft <sup>2</sup> )
Area 1	23.00	Area 1	18.22
Area 2	24.00	Area 2	20.22
Area 3	17.11	Area 3	21.78
Average**	21.37	Average	20.07
Percent Re-vegetated*** (0% - >80%)			>80%

\* Number of grasses in a 3 ft<sup>2</sup> area divided by 9

\*\* (Area 1 + Area 2 + Area 3) / 3

\*\*\* Average of Disturbed Area / Average of Undisturbed Area

Area 1 (Disturbed)

26	32	18
17	22	21
30	27	14

Area 2 (Disturbed)

24	22	17
11	35	30
13	23	41

Area 3 (Disturbed)

13	18	17
12	17	17
21	20	19

Area 1 (Undisturbed)

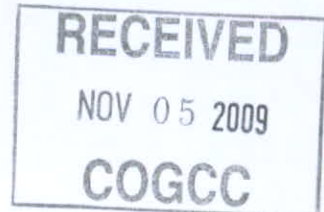
20	12	8
31	18	12
29	15	19

Area 2 (Undisturbed)

16	19	27
16	17	21
19	23	24

Area 3 (Undisturbed)

28	29	22
16	19	21
26	18	17



Re-vegetation Progress at Areas Adjacent to Access Road (Applicable? Yes / No)			
Disturbed Areas	(Grasses/ft <sup>2</sup> )*	Undisturbed Areas	(Grasses/ft <sup>2</sup> )
Area 1	12.11	Area 1	12.22
Area 2	13.78	Area 2	14.78
Area 3	10.78	Area 3	12.78
Average**	12.22	Average	13.26
Percent Re-vegetated*** (0% - >80%)			>80%

\* Number of grasses in a 3 ft<sup>2</sup> area divided by 9

\*\* (Area 1 + Area 2 + Area 3) / 3

\*\*\* Average of Disturbed Area / Average of Undisturbed Area

Area 1 (Disturbed)

11	13	15
10	10	11
6	14	19

Area 2 (Disturbed)

16	21	19
13	16	9
9	11	10

Area 3 (Disturbed)

7	6	12
8	13	16
14	12	9

Area 1 (Undisturbed)

10	7	9
17	11	13
17	13	13

Area 2 (Undisturbed)

8	18	14
9	16	16
7	21	24

Area 3 (Undisturbed)

12	17	13
6	9	14
9	16	19

Materials Handling and Waste Management				
	Per SWMP Design	Requires Maintenance	Install/Replace	N/A
Portable Toilets				✓
Street Sweeping				✓
Concrete Washout				✓
Housekeeping				✓
Spill Prevention				✓
Solid Waste Dumpster				✓
Hazardous Material Storage				✓
Other				✓



Administrative			
	Yes	No	N/A
Permit and Plan Available	✓		
SWMP sign in place	✓		
Are additional BMPs needed		✓	
Bi-weekly inspection	✓		
Inspection following a runoff event		✓	
Monthly inspection		✓	

Notes: All ground surface disturbing activities at the site have been completed, and all disturbed areas have  
achieved a vegetative cover of greater than 80% of the undisturbed reference area plant coverage. Interim  
reclamation of all disturbed areas is complete and bi-weekly stormwater management inspections are no longer  
required at the site. AGW will coordinate removal of the remaining silt fence with Roberts Excavation Corporation.

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View to North

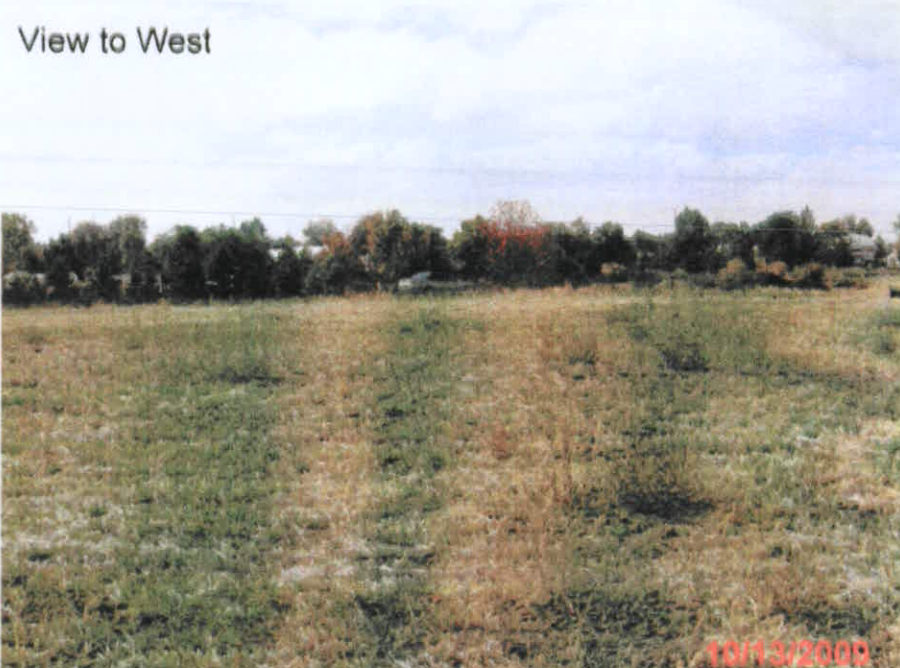
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View to West



10/13/2009

10/13/2009

10/13/2009

A photograph showing a wide, flat landscape under a blue sky with scattered white clouds. The foreground is covered in dry, yellowish-brown grass. In the middle ground, there is a line of green trees and shrubs. The horizon is flat and distant. The text "View to East" is printed in the top left corner, and the date "10/13/2009" is printed in red in the bottom right corner.

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# Vegetative Cover on Adjacent Undisturbed Land



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