Weyerhaeuser

Facsimile Cover

	Total number of pages (including cover page) 3	Date 10/7/03	Time 9:20
TO: Sherri Coghill	FROM: Bill Morris		
Facsimile Number 919-733-4810	Facsimile Number		
Department NC DENR - Solid Waste	Department		
Company	Company Weyerhaeuser		
Phone Number	Phone Number 252-793-8494		

MESSAGE: Sherri, Here are the background results for MW #13 at Cells 1-B, 2. Please call if you need more information.

Bill Morris

Form 10066 (7/92)

Fac/Perm/Co ID #	Date	Doc ID#
9401	10/06/2011	DIN 15299

Environment 1, Incorporated

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

Drinking Water ID: 37715
Wastewater ID: 10

ID#: 6020 A

WEYERHAEUSER (PLYMOUTH LANDFILL)
DIANE HARDISON
P.O. BOX 787
PLYMOUTH ,NC 27962

DATE COLLECTED: 08/18/03
DATE REPORTED : 09/24/03

REVIEWED BY:

PARAMETERS	Upstream	Downstream	Well #13	Trip Blank	Leachate	Analysis Date	Analyst	Method Code
PH (field measurement), Units	5.5	6.4	4.7		7.2	08/18/03	RJH	EPA150.1
Antimony, mg/l	<0.030	<0.030	<0.030		<0.030	09/23/03	WNG	EPA7041
Arsenic, mg/l	<0.010	<0.010	<0.010		0.027	09/19/03	WNG	EPA7060
Barium, mg/l	<0.500	<0.500	<0.500		<0.500	09/16/03	LFJ	EPA200.7
Beryllium, mg/l	<0.002	<0.002	<0.002		<0.002	09/16/03	LFJ	EPA200.7
Cadmium, mg/l	<0.001	<0.001	<0.001		<0.001	09/16/03	LFJ	EPA7131
Cobalt, mg/l	<0.010	<0.010	<0.010		0.015	09/16/03	LFJ	EPA200.7
Copper, mg/l	<0.200	<0.200	<0.200		<0.200	09/16/03	LFJ	EPA200.7
Total Chromium, mg/l	<0.010	<0.010	<0.010		<0.010	09/16/03	LFJ	EPA200.7
Lead, mg/l	<0.010	<0.010	<0.010		<0.010	09/12/03	WNG	EPA7421
Nickel, mg/l	<0.050	<0.050	<0.050		0.077	09/16/03	LFJ	EPA200.7
Selenium, mg/l	<0.020	<0.020	<0.020		<0.020	09/20/03	WNG	EPA7740
Silver, mg/l	<0.010	<0.010	<0.010		<0.010	09/16/03	LFJ	EPA200.7
Thallium, mg/l	<0.010	<0.010	<0.010		<0.010	09/17/03	WNG	EPA7841
Vanadium, mg/l	<0.040	<0.040	<0.040		0.041	09/16/03	LFJ	EPA200.7
Zinc, mg/l	<0.050	<0.050	<0.050		0.485	09/16/03	LFJ	EPA200.7
Sulfate, mg/l	<5.0	<5.0	10.1		348.0	08/22/03	TRB	EPA375.4
Conductivity (at 25c), uMhos	91	90	77		4300	08/18/03	RJH	SM2510B
Temperature, °C	25	27	22		26	08/18/03	RJH	SM2550B
Static Water Level, Feet			10.81			08/18/03	RJH	
Well Depth, feet			17.50			08/18/03	RJH	

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WEYERHAEUSER (PLYMOUTH LANDFILL)
DIANE HARDISON
P.O. BOX 787
PLYMOUTH, NC 27962

CLIENT ID: 6020 A

ANALYST: MAO
DATE COLLECTED: 08/18/03
DATE ANALYZED: 08/27/03
DATE REPORTED: 09/24/03

Page: 1

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	Upstream	Downstream	Well #13	Trip Blank	Leachate
1. Chloromethane	<10.00	<10.00	<10.00	<10.00	<10.00
2. Vinyl Chloride	<10.00	<10.00	<10.00	<10.00	<10.00
3. Bromomethane	<10.00	<10.00	<10.00	<10.00	<10.00
4. Chloroethane	<10.00	<10.00	<10.00	<10.00	<10.00
5. Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00
6. 1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00
7. Acetone	<100.00	<100.00	<100.00	<100.00	111.00
8. Iodomethane	<10.00	<10.00	<10.00	<10.00	<10.00
9. Carbon Disulfide	<100.00	<100.00	<100.00	<100.00	<100.00
10. Methylene Chloride	<10.00	<10.00	<10.00	<10.00	<10.00
11. trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00
12. 1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00
13. Vinyl Acetate	<50.00	<50.00	<50.00	<50.00	<50.00
14. Cis-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00
15. 2-Butanone	<100.00	<100.00	<100.00	<100.00	<100.00
16. Bromochloromethane	<5.00	<5.00	<5.00	<5.00	<5.00
17. Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00
18. 1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00
19. Carbon Tetrachloride	<10.00	<10.00	<10.00	<10.00	<10.00
20. Benzene	<5.00	<5.00	<5.00	<5.00	<5.00
21. 1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00
22. Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00
23. 1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00
24. Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00
25. Cis-1,3-Dichloropropene	<10.00	<10.00	<10.00	<10.00	<10.00
26. 4-Methyl-2-Pentanone	<100.00	<100.00	<100.00	<100.00	<100.00
27. Toluene	<5.00	<5.00	<5.00	<5.00	<5.00
28. trans-1,3-Dichloropropene	<10.00	<10.00	<10.00	<10.00	<10.00
29. 1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00
30. Tetrachloroethene	<5.00	<5.00	<5.00	<5.00	<5.00
31. 2-Hexanone	<50.00	<50.00	<50.00	<50.00	<50.00
32. Dibromochloromethane	<5.00	<5.00	<5.00	<5.00	<5.00
33. 1,2-Dibromoethane	<5.00	<5.00	<5.00	<5.00	<5.00
34. Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00
35. 1,1,1,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00
36. Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00
37. Xylenes	<5.00	<5.00	<5.00	<5.00	<5.00
38. Dibromomethane	<10.00	<10.00	<10.00	<10.00	<10.00
39. Styrene	<10.00	<10.00	<10.00	<10.00	<10.00
40. Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00
41. 1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00
42. 1,2,3-Trichloropropane	<15.00	<15.00	<15.00	<15.00	<15.00
43. 1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00
44. 1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00
45. 1,2-Dibromo-3-Chloropropane	<25.00	<25.00	<25.00	<25.00	<25.00
46. Acrylonitrile	<200.00	<200.00	<200.00	<200.00	<200.00
47. trans-1,4-Dichloro-2-Butene	<100.00	<100.00	<100.00	<100.00	<100.00

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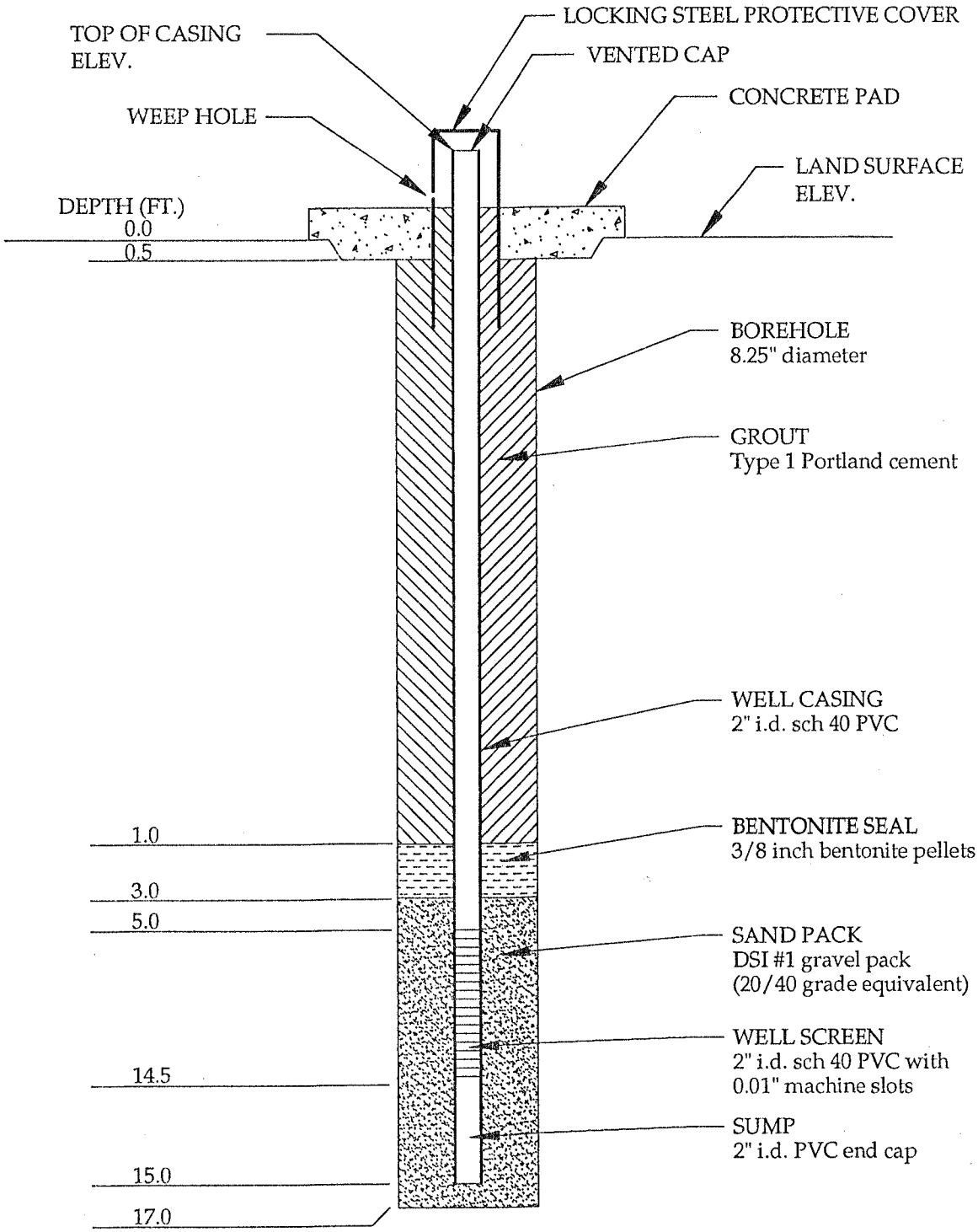

WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT Weyerhaeuser

PROJECT NO. 5101.37

WELL NO. MW-13

DATE INSTALLED 5/19/03

DRILLING CONTRACTOR Parratt-Wolff, Inc.

RMT GEOLOGIST Bill Sharp

RMT INC

SOIL BORING LOG

BORING NO. MW-13

Client: Weyerhaeuser	Drilling Start Date: 5-19-03	Drilling End Date: 5-19-03	Page 1 of 1
Site: Plymouth, NC	Drilling Method: Hollow Stem Auger		Project Number: 5101.37
Geologist/Technician: Bill Sharp	Driller (name/company): Parratt-Wolff, Inc.	Drill Rig Type: CME 850 ATV	Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:	Total Depth (ft.): 17.00	Measuring Point Elevation (ft.):	
Datum Description:	Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
	100	SS	2-2-3-4				Poorly graded sand (SP)-Fine grained sand, trace silt; tan to light brown; moist; loose {Fill}.
					1		Clayey sand (SC)-15-25%clay; fine grained sand; yellowish brown; moist ; loose.
					2		
					3		
					4		
	100	SS	7-4-4-3		5		Poorly graded sand (SP)-mostly fine grained sand, trace silt; tan to light greenish brown; distinct dark and light colored horizontal laminations (<3mm thick); moist; loose to medium dense.
					6		
					7		Poorly graded sand with clay (SP-SC)- Fine grained sand, ~10% clay; distinct horizontal laminations/ bedding planes; light brown to yellowish brown; moist; loose.
					8		
					9		
	100	SS	7-9-8-8		10		Poorly graded sand (SP)- fine to medium grained sand, trace silt/clay; distinct horizontal bedding planes, with some thin reddish brown laminae (due to oxidation); overall color is brownish gray with pinkish tint; wet; medium dense.
					11		
					12		
					13		
					14		
	100	SS	4-5-5-3		15		Fat clay (CH)- trace silt/fine grained sand; high plasticity; faint horizontal banding in localized zones; gray; wet; stiff.
					16		
					17		BORING TERMINATED AT 17 FEET BGS
					18		
					19		