

Johnson, Bill H (DNR)

From: Fred Marinelli <[REDACTED]>
Sent: Thursday, October 11, 2012 2:16 PM
To: Cory D. Anderson; Tina Pint ([REDACTED])
Cc: Johnson, Bill H (DNR); Carlson, Erik (MPCA); David Blaha; Melinda Todorov; Houston Kempton; Paul Haby; Fred Marinelli
Subject: FTB materials

Cory,

To make sure we are comparing apples to apples, can you indicate what materials and amendments are being used in subareas of the FTB? I put together a rough table (below) and filled in some of the boxes. Have I missed anything? Thanks for your help on this.

Regards,

Fred

Sub-area	Unsaturated Zone Material	Amendments?
North Dam banks (outer slopes)	LTV bulk (other)	Bentonite amended
East Dam banks (outer slopes)		Bentonite amended
South Dam banks (outer slopes)		Bentonite amended
North Beach	35% NM fine, 65% NM coarse	Bentonite amended
East Beach		Bentonite amended
South Beach		Bentonite amended
Closure Beach		Bentonite amended
Pond		Bentonite amended
1E coarse		Same as current
1E fine		Same as current
2E coarse		Same as current
2E fine		Same as current
2E other		Same as current
2W coarse	LTV coarse	Same as current
2W fine	LTV fine	Same as current
2W Banks	LTV coarse	Same as current
North Buttress		

South Buttress		
----------------	--	--

--

Fred Marinelli

Senior Groundwater Hydrologist

Interralogic, Inc.

4715 Innovation Dr., Ste. 110

Fort Collins, CO 80525

Phone: [REDACTED]

E-mail: [REDACTED]

Website: www.interralogic.com