ANALYTICAL CHEMISTS
and
BACTERIOLOGISTS
Approved by State of California

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Tel: 831 724-5422
FAX: 831 724-3188

Account No.:
3080444 03 4870
Batch
Aug. - Sept. 13 22
CODE:
Berm Table
www.controllabs.com

Richard Quinley
World Textile and Bag, Inc.
4661 Pell Drive, Suite #1
Sacramento CA 95838

Date Received: 08/12/13
Sample Id.: Geocomposite Bag-combining high visibility mesh with a nonwoven filter fabric, filled with #1 grade crumb rubber
Sample id. Number 03 3080444

Berm and Sediment Removal Test Package

Test Conditions		Test Material			
Berm Length Used (')	4	Bulk Density (lb/cu ft-wet wt)			NA
		Bulk Density (lb/cu ft-dry wt)			NA
Slope (1:X)	3	Bulk Density (g/cc dry)			NA
Dirty Water Volume (Liters)	120	MM	inches		Percent
Time Duration (~min)	15	> 25	> 1.0		NA
Run Number:	1	16 to 25	0.63 to 1.0		NA
Void Space (% vol.)	NA	9.5 to 16	0.37 to 0.63		NA
Moisture (% wt)	NA	6.3 to 9.5	0.25 to 0.37		NA
Tap Water start (EC umhos/cm)	0	4 to 6.3	0.16 to 0.25		NA
Tap Water after 10 min. run	0	2 to 4	0.079 to 0.16		NA
		< 2	< 0.079		NA
Methods ASTM 3977c - 2002				Total	NA

Standard Test methods for Determinating Sediment Concentration in Water Samples

Test Solution Going:		IN	OUT	RESULTS unit change	RESULTS percent reduced
Sand Mix Added (g) (50% #20 + 50% #30)	333				
Total Solids > 425 um (g)		334	15	-319	95.6
Suspended Solids < 425 um (mg/L)		2384	242	-2142	89.8
Total Suspended Solids < 425 um (		2384	242	-2142	89.8
Turbidity (NTU)		108	72	-36	33.3
Total Solids per Test (g)		2718	257	-2461	90.6
Max Flow for this material (calculated):			NA gal/min/linear ft		

Analyst: Frank Shields
[signature]

ANALYTICAL CHEMISTS
and
BACTERIOLOGISTS
Approved by State of California

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Account No.:
3080444 03 4870
Batch
Aug. - Sept. 13 22
CODE:
Berm Table
www.controllabs.com

Tel: 831 724-5422
FAX: 831 724-3188

Richard Quinley
World Textile and Bag, Inc.
4661 Pell Drive, Suite #1
Sacramento CA 95838

Date Received:	08/12/13
Sample Id.:	Geocomposite Bag-combining high visibility mesh with a nonwoven filter fabric, fille
Sample id. Number	03 3080444 with #1 grade crumb rubber

Test Conditions:		Test Conditions:	
Berm Length Used (')	4	Flow (gal/min/linear ft)	120
		Time Duration (min)	15
Slope (1:X)	3	Run Number:	1

	units	IN	OUT	RESULTS unit change	RESULTS percent reduced
Total Nitrogen (N)	mg/l	136	93	-43	32
Ammonia (NH4-N)	mg/l	25	25	0.0	0.0
Nitrate (NO3-N)	mg/l	61	66	4.5	-7.4
Organic (Org-N)	mg/l	50	2.1	-48	96
Total phosphorus (P)	mg/l	21	22	0.78	-3.7
Total organic phosphorus (P)	mg/l	19	20	0.73	-3.9
Dissolved acid-hydrolyzable (P)	mg/l	16	18	2.00	-13
Dissolved reactive (P)	mg/l	19	21	1.98	-11
Total Potassium (K)	mg/l	140	143	3.8	-2.7
Total Calcium (Ca)	mg/l	82	71	-11	13
Total Magnesium (Mg)	mg/l	40	39	-1.2	2.9
Sulfate (SO4)	mg/l	59	60	1.00	-1.7
Sodium (Na)	mg/l	86	84	-1.9	2.2
Chloride (Cl)	mg/l	84	90	6.0	-7.2
Total Copper (Cu)	mg/l	41	22	-19	46
Total Zinc (Zn)	mg/l	93	34	-59	64
Total Iron (Fe)	mg/l	19	16	-2.7	15
Total Manganese (Mn)	mg/l	26	17	-10	38
Total Non-Soluble Carbon (C)	mg/l	524	34	-491	94
pH value	units	7.18	7.65		
Electrical Conductivity	umhos/cm	1097	1084	-13	1.2
Motor Oil	mg/l	NA	NA	NA	NA

Analyst: Frank Shields