

### **ENVIRONMENTAL MONITORING**

# Composts/Fertilizer:

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Anaerobic count	BANS455
Coliforms by TMECC (cfu/g)	BCLC455
Coliforms by MPN (MPN/g)	BCLC420
Crypto and Giardia	BCGW
E. coli by MPN (MPN/g dry)	BECZ481
E. coli by MPN 5 tubes 2 cfu/g LOD	BECZ484
E. coli by MPN 6 dilutions	BECZ480
E. coli by MOE (cfu/g dry) for NASM	BECZ750
E. coli by MOE (cfu/100 ml) for NASM	BECL750
E. coli by TMECC (MPN/g(ml)	BECC455
E. coli by MOE (cfu/g dry)	BECC420
Fecal coliforms by MPN/G DRY	BMPZ484
Fecal coliforms by MPN 5 tubes 2 cfu/g LOD	BFCZ484
Fecal coliforms by MPN 6 dilutions	BFCC130
Fecal coliforms by MF (cfu/g)	BFCC456
Fecal coliform by plating (cfu/g)	BFCC455
Fecal streptococci	BFSS420
Lactobacilli	BLBZ480
Listeria by culture	BLMF211
Mesophilic bacteria at 30°C	BMBC240
Salmonella (P-A/25g)	BSNZ210
Salmonella (P.A./100g)	BSNZ211
Salmonella for Bio-Ag only (MPN/G)	BSNC821
Salmonella (MPN/4G)	BPNC555
Salmonella (cfu/g)	BSMC455
Thermophilic bacteria at 55°C	BTBC240
Total plate count (-1 to -3)	BTBZ483
Total plate count (-4 to -6)	BTBZ446
Total plate count (-7 to -9)	BTBZ479
Total plate count (-1 to -6)	BTBZ416
Total plate count (-4 to -9)	BTBZ449
Yeast and mould	BTMF480



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# Liquid (Environment):

Coliforms (3 MPN/100 ML)	BCLL450
E. coli by plating cfu/mL)	BECL420
E. coli by MPN/ml (1.8 MPN)	BECL421
E. coli by MPN/ml (3 MPN)	BECL450
E. coli by MPN/100ML (1.8 MPN)	BECL422
E. coli by MPN/100ML (3MPN)	BECC455
Fecal coliforms by MPN/ML (1.8 MPN)	BFCL422
Fecal coliforms by MPN/ml (3 MPN)	BFCL450
Fecal coliforms by MPN/100ML (3 MPN)	BMPC455
fecal coliforms by MPN/100ML (1.8 MPN)	BFCL421
Salmonella (P/A)	BSNZ210
Total Plate Count CFU/ML by plating	BTBW483
Total yeast and mould separate cfu/ml plating	BTYMW

### Soil:

Cryptosporidium parvum	BCPW810
Helminth viable/fertile ova (ovum/4g)	BV4S510 (For Coastal only)
Helminth viable/fertile ova (ovum/g)	BVES510
Nematode cyst	NEM2
Nematode eggs	BNES910
Nematode larva	BNSL910
Nematode full	NEM1
Pseudomonas	BPMS455
Soil biodiversity	BIOD
Stem and bulb nematodes	BSBNEM
Total plate count	BTBZ483
Viable helminth ova	BVHS510 (package)



FOOD SAFETY		
Feed:		
Salmonella (P/A)	BSNZ210	
Yeast and mold	TYM	
Yeast and mold identification	TYMP	
Total Molds	BTMF240	
Total Yeasts (MFHPB-22)	BTYF240	
Total coliforms	BTCZ480	
Total fecal coliforms	BFCZ480	

WATER QUALITY	
Water:	
Bile-Tolerant Gram Negative Bacteria	BBTB910
Coliform	BCLW420
Crypto and Giardia package	BCGW
Cryptosporidium parvum	BCPW810
Cryptosporidium hominis	BCHW810
E. coli by MF (cfu/100mL)	BECW420
E. coli by plating cfu/mL)	BECL420
E. coli by MPN (MPN/100ml)	BECW455
Enterococci	BENW350
Fecal coliforms	BFCW420
Fecal Streptococci	BFSW350
Giardia spp	BGSW810
Heterotrophic plate count by MF	BHTW350
Klebsiella by MF	BKNW350
Legionella by MF	BLNW750
Psuedomonas aeruginosa	BPAW240
Salmonella sp	BSNW214
Serratia marcescens	BSMW911
Staph. aureus	BSAW240
Total coliform by MF	BCLW420
Total coliform by MPN (MPN/100ml)	BCLW455
Total Plate Count by 3M	BTBW260
Total aerobic bacteria by plating	BTBW261
Total aerobic bacteria by MF (cfu/100ml)	BTBW262
Total aerobic bacteria by MF (cfu/355ml)	BTBW263
Total anaerobic bacteria by MFLP-44 (cfu/ml)	BTAW260
Total anaerobic bacteria by MF (cfu/ml)	BABW261



bile-Tolerant Gram Negative Bacteria	BTBW483
Total anaerobic bacteria by plating (cfu/ml)	BTAW261
Total anaerobic bacteria by MF (cfu/100 ml)	BABW260
Total anaerobic bacteria by MF (cfu/355ml)	BABW262
Total Yeast (MFHPB-22)	BTYW480
Total Yeasts by MF (cfu/ml)	BTMW261
Total Mould (MFHPB-22)	BTMW481
Total Moulds by MF (cfu/ml)	BTYW261
Yeast and Mould (package) (cfu/ml)	BTYMW
Total Yeasts and Moulds by MF (cfu/ml)	BYMW481
Total Yeasts and Moulds by MF (cfu/100ml)	BYMW480
Total Anaerobic Yeasts by plating (cfu/ml)	BTYW262
Total Anaerobic Yeasts by MF (cfu/ml)	BAYW261
Total Anaerobic Yeasts by MF (cfu/100ml)	BAYW260
Total Anaerobic Yeasts by MF (cfu/355ml)	BAYW262
Total aerobic yeasts by MF (cfu/100ml)	BTYW481
Total aerobic yeasts by MF (cfu/355ml)	BTYW482
Total molds by MF (cfu/100ml)	BTMW482
Yeast and Mould (package) (cfu/100ml)	BTYMW1
Total yeasts and molds by MF (package cfu/ml)	BTYMW2

SOFT DRINK		
Liquid Foods		
Coliforms by 3M (cfu/ml)	BCLL421	
E. coli by 3M (cfu/ml)	BECB481	
E. coli by MPN	BECL481	
Lactobacillus spp. by MF (cfu/ml)	BLBL421	
Lactobacillus spp. by MF (cfu/100ml)	BLBL481	
Yeast and Mold by 3M (cfu/ml)	BZYS455	



### **FOOD SAFETY**

#### Foods:

10003.	
Aspergillus niger	BANL840
Clostridium perfringens	BCPZ480
Coliforms by 3M	BCLZ455
Coliforms by MPN	BCLZ595
Coliforms/E. coli by 3M (package)	BECCF (Cakerie, Misionero)
E. coli by 3M	BECZ455
E. coli by MPN 3 tubes	BECF220
E. coli by MPN 5 tubes	BECF221
E. coli O157:H7 by BAX	BEHF212
E. coli 0157:H7 by BAX setup	0157SETUP
EHEC	BEHEC210
Enterobacteriaceae	BEBF260
Enterococci	BENF320
Fecal coliforms by MPN	BFCZ420
Fecal Streptococci	BFSS420
Klebsiella	BKNF340
Lactobacilli	BLBZ480
Legionella spp	BLNZ750
Listeria mono (MFHPB-30) (P-A/25g)	BLMF211
Listeria mono (MPN)	BLMF821
Listeria mono by Bio-Rad (P-A/25g)	BLMF214
Listeria spp by Bio-Rad setup	LSSETUP
Listeria spp. (MFHPB-30) (P-A/25g)	BLSF210
Listeria spp. (P-A/25g) by Bio-Rad MFLP-39	BLSF211
S. aureus (plating)	BSAF240
S. aureus (3M)	BSAF241
Salmonella (P-A/25g) by Bio-Rad	BSNF210
Salmonella by Bio-Rad setup	SMSETUP
Shigella spp (P/A) by PCR	BSSF210
Serratia marcescens	BSMP911
Total aerobic bacteria (3M)	BTBF260
Total aerobic bacteria (3M)	BTBF261 (Cakeri 1 dilution)
Total Moulds (3M)	BTMF261
Total plate count (MFHPB-18)	BTBZ483
Total Yeasts (3M)	BTYF261
Total Yeasts (HMFPH-22)	BTYF240
Water activity	BAWF610
Yeast and mould (3M)	BTMF260
Yeast and mould (3M rapid)	BYMF260
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Yeast and mould (MFHPB-22)	BTMF480
Yeast and Mould (3M, separate)	BTYMF

ENVIRONMENTAL		
Air samples (Plates)		
Total plate count (MFHPB-18) for air	BTCA240	
Yeast and Mould (air sample)	BYMA480	
Total aerobic yeasts	BAYA240	
Total molds	BTMA240	
Total aerobic yeasts and molds	BAYMA	

#### Swabs:

Bacillus cereus	BBCT240
Coliforms by 3M	BCLT260
Coliforms by MPN	BCLZ596
Coliforms/E. coli by 3M (package)	BECCFT (Cakerie, Misionero)
Cronobacter spp.	BCRT410
E. coli by 3M	BECZ420
E. coli by MPN	BECZ482
Enterobacteriaceae	BEBT260
Fecal coliforms by MPN	BMPZ485
Fecal coliforms by plating	BMPL484
Listeria mono (P/A)	BLMZ470
Listeria mon by Bio-Rad	BLMT212
Listeria spp by Bio-Rad setup	LSSETUP
Listeria spp. (P/A)	BLST210
Listeria spp. (P/A) by Bio-Rad	BLST211
Salmonella by Bio-Rad setup	SMSETUP
Salmonella spp (P/A) by Bio-Rad	BSNT210
Staphylococcus aureus	BSAT240
Total Anaerobic Plate Count	BABT260
Total plate count (3M)	BTBT260
Yeast & Mold (3M)	BYMD420
Total aerobic yeasts (3M)	BAYT240
Total molds (3M)	BTMT240
Total yeasts and molds (3M separately)	BTAYM