

Mike Cartwright
Lockheed Martin REAC
2890 Woodbridge Avenue #209
Edison, New Jersey 08837



The following summarizes the PCM analytical results for 147 - Minot ND Flooding for samples received at MAS on 7/23/2011. **MAS Project: M53673**
Reported : 7/23/2011

NIOSH Method 7400- PCM Analysis Summary

Sample No.	Client Sample ID	Sample Location	Volume (liters)	Total Fibers Counted	Total Fields Counted	Fiber Density (f/mm2)	Detection Limit (f/cc)	Calculated Conc. (f/cc)
M53673-001	147-AS-016	Minot 1-2	1135	6.5	100	8.3	0.002	0.003
M53673-002	147-AS-017	Minot 3	1100	7	100	8.9	0.002	0.003
M53673-003	147-AS-018	Minot 4	1042.5	5	100	6.4	0.003	<0.003
M53673-004	147-AS-019	Minot 5-9	1012.5	10	100	12.7	0.003	0.005
M53673-005	147-AS-020	Minot 6	977.5	3.5	100	4.5	0.003	<0.003
M53673-006	147-AS-021	Minot 7-8	922.5	2.5	100	3.2	0.003	<0.003
M53673-007	147-AS-022	Field Blank	0	0	100	0.0	N/A	N/A

5-20 fiber range Sr=0.2877, >20-50 fiber range Sr = 0.1919, >50-100 fiber range Sr = 0.1367

NA = Not applicable

Analyst - WBE

Note - Samples with less than 5.5 fiber counted are reported as less than the detection limit

Approved Signatory: _____

Materials Analytical Services, LLC
3945 Lakefield Court
Suwanee, GA 30024

PH: (770) 866-3200
Fax: (770) 866-3259

www.mastest.com

- *These results apply only to items tested.
- *All samples arrived in good condition unless otherwise stated.
- * Volumes are supplied by customer
- *Samples are not blank corrected



M53673

Sample Identification

Analyses Requested

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	7400	7402	Volume	Unit	Time
	147-AS-016	Minot 1-2	A	7/22/11	1	0.8 MCE cassettes	X	X	1135	L	1635
	147-AS-017	Minot 3	↓	↓	↓	↓	↓	↓	1100	↓	1630
	147-AS-018	Minot 4	↓	↓	↓	↓	↓	↓	1042.5	↓	1620
	147-AS-019	Minot 5-9	↓	↓	↓	↓	↓	↓	1012.5	↓	1612
	147-AS-020	Minot 6	↓	↓	↓	↓	↓	↓	977.5	↓	1605
	147-AS-021	Minot 7-8	↓	↓	↓	↓	↓	↓	922.5	↓	1554
	147-AS-022	Field Blank	↓	↓	↓	↓	↓	↓	0	↓	1640
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Matrix:
A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:
Analyze per ~~2nd~~ contract with Lockheed Martin -SERAS

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
All/Analysis	MEG. Ryt	7/22/11	Donovan MAS	7/23/11							