

N62604.AR.000353
NCBC GULFPORT
5090.3a

RESULTS OF THE ANALYSES OF SAMPLES RECEIVED 16 AUGUST 1990 NCBC
GULFPORT MS
8/30/1990
MICRO-METHODS, INC



*File
3/20/98*

Micro-Methods, Inc.
P. O. Box 489
6500 Sunplex Drive
Ocean Springs, MS 39564
(601) 875-6420
August 30, 1990

C. B. Base
Code 470
Naval Construction Battalion Center
Gulfport, MS 39501-5000

ATTN: Tom Sarros
REF: PO #90-M0911

Dear Mr. Sarros:

The results of the analyses of the samples received 8-16-90, description as shown, lab file #113-CB-08-90, are as attached.

If we can be of further assistance, please contact the office.

Sincerely,

Thomas J. Wilson

TJW/dd

encl.



TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

SOUTH LAGOON SEWAGE
SOIL

#1
8-15-90
9:00 am
MM#8149-243

~~3~~ MAXIMUM
CONCENTRATION

EP TOXICITY TEST

Arsenic mg/l	<0.01	5.0
Barium mg/l	0.14	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	<0.01	1.0
Silver mg/l	<0.01	5.0

* This sample does not exhibit the characteristics of EP Toxicity for Metals.

METHODOLOGY

SW 846, Method 1310 - EP Toxicity Test Method, September, 1986. Results are reported as mg/l as stated in Code of Federal Regulations, 40 CFR, Part 261.24, July 1, 1988.



TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

SOUTH LAGOON SEWAGE
SOIL

#2
8-15-90
9:00 am
MM#8150-243

EP TOXICITY TEST

MAXIMUM
CONCENTRATION

Arsenic mg/l	<0.01	5.0
Barium mg/l	0.18	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	0.01	1.0
Silver mg/l	<0.01	5.0

* This sample does not exhibit the characteristics of EP Toxicity for Metals.

METHODOLOGY

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TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

SOUTH LAGOON SEWAGE
SOIL

EP TOXICITY TEST	#3 8-15-90 9:00 am MM#8151-243	MAXIMUM CONCENTRATION
Arsenic mg/l	<0.01	5.0
Barium mg/l	0.33	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	0.02	1.0
Silver mg/l	<0.01	5.0

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METHODOLOGY

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TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

CENTER SEWAGE LAGOON
SOIL

#1
8-15-90
9:00 am
MM#8152-243

MAXIMUM
CONCENTRATION

EP TOXICITY TEST

Arsenic mg/l	<0.01	5.0
Barium mg/l	0.25	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	<0.01	1.0
Silver mg/l	<0.01	5.0

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METHODOLOGY

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TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

CENTER SEWAGE LAGOON
SOIL

EP TOXICITY TEST	#2 8-15-90 9:00 am MM#8153-243	MAXIMUM CONCENTRATION
Arsenic mg/l	<0.01	5.0
Barium mg/l	0.03	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	<0.01	1.0
Silver mg/l	<0.01	5.0

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TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

CENTER SEWAGE LAGOON
SOIL

#3
8-15-90
9:00 am
MM#8154-243

* MAXIMUM
CONCENTRATION

EP TOXICITY TEST

EP TOXICITY TEST		* MAXIMUM CONCENTRATION
Arsenic mg/l	<0.01	5.0
Barium mg/l	0.12	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	<0.01	1.0
Silver mg/l	<0.01	5.0

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TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

NORTH SEWAGE LAGOON
SOIL

#1
8-15-90
9:00 am
MM#8155-243

MAXIMUM
CONCENTRATION

EP TOXICITY TEST

Arsenic mg/l	<0.01	5.0
Barium mg/l	0.19	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	<0.01	1.0
Silver mg/l	<0.01	5.0

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TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

NORTH SEWAGE LAGOON
SOIL

#2
8-15-90
9:00 am
MM#8156-243

MAXIMUM
CONCENTRATION

EP TOXICITY TEST

EP TOXICITY TEST		MAXIMUM CONCENTRATION
Arsenic mg/l	<0.01	5.0
Barium mg/l	0.20	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	<0.01	1.0
Silver mg/l	<0.01	5.0

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TO: CB Base
REF: PO #90-M0911

FROM: Micro-Methods, Inc.
Lab File #113-CB-08-90

NORTH SEWAGE LAGOON
SOIL

#3
8-15-90
9:00 am
MM#8157-243

MAXIMUM
CONCENTRATION

EP TOXICITY TEST

EP TOXICITY TEST		MAXIMUM CONCENTRATION
Arsenic mg/l	<0.01	5.0
Barium mg/l	0.20	100.0
Cadmium mg/l	<0.01	1.0
Chromium mg/l	<0.01	5.0
Lead mg/l	<0.01	5.0
Mercury mg/l	<0.005	0.2
Selenium mg/l	<0.01	1.0
Silver mg/l	<0.01	5.0

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Micro-Methods, Inc.
 6500 Sunplex Drive
 Ocean Springs, Mississippi 39564
 CHAIN OF CUSTODY RECORD

PROJ. NO. # 1		PROJECT NAME SEWAGE LAGOON GRAB SAMPLES NAVAL CONST. BAT. CENTER CPT				NO. OF CONTAINERS	REMARKS				
SAMPLERS: (Signature) Thomas R. Lucas											
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION						
1	8/15	9AM		✓	SOUTH LAGOON	1	✓				
2	8/15			✓	SOUTH LAGOON	1	✓				
3	8/15			✓	SOUTH LAGOON	1	✓				
1	8/15			✓	CENTER LAGOON	1	✓				
2	8/15			✓	CENTER LAGOON	1	✓				
3	8/15			✓	CENTER LAGOON	1	✓				
1	8/15			✓	NORTH LAGOON	1	✓				
2	8/15			✓	NORTH LAGOON	1	✓				
3	8/15			✓	NORTH LAGOON	1	✓				
Relinquished by: (Signature) Thomas R. Lucas		Date / Time 8/15/80 9AM	Received by: (Signature)			Relinquished by: (Signature)		Date / Time	Received by: (Signature)		
Relinquished by: (Signature)		Date / Time	Received by: (Signature)			Relinquished by: (Signature)		Date / Time	Received by: (Signature)		
Relinquished by: (Signature)		Date / Time	Received for Laboratory by: (Signature) A. Wilson			Date / Time 8/16/91 AM	Remarks good condition				

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