Microbac®

EPA Region 5 Records Ctr.
366799

October 25, 2006

John Behrens
Environmental Restoration
16660 South Canal Street
South Holland, IL 60437

Work Order No.: ME0610715

RE: Labour Pump

Dear John Behrens:

Microbac Laboratories, Inc. received 3 samples on 10/19/2006 12:10:00 PM for the analyses presented in the following report.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted. This report includes the numbered pages as well as the Cooler Inspection Report and Chain of Custody form(s).

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,
Microbac Laboratories, Inc.

Ronald J. Misiunas
Client Services Manager

Enclosures

250 West 84th Drive, Merrillville, IN 46410 TEL.800.536.8379 TEL.219.769.8378 FAX.219.769.1664

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WORK ORDER SAMPLE SUMMARY

Date: *Wednesday, October 25, 2006*

CLIENT: Environmental Restoration
Project: Labour Pump
Lab Order: ME0610715

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0610715-01A	S-F-S		10/19/2006 10:00:00 A	10/19/2006
ME0610715-02A	F-S+10		10/19/2006 10:05:00 A	10/19/2006
ME0610715-03A	LN Pit		10/19/2006 10:30:00 A	10/19/2006

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: S-F-S
Sample Description:
Sample Matrix: Solid

Work Order / ID: ME0610715-01A
Collection Date: 10/19/06 10:00
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
PCB'S Method: **SW8082**			Prep Date/Time: **10/21/06 15:38**				Analyst: **AS**
Aroclor 1016	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1221	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1232	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1242	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1248	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1254	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1260	A	***0.083***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1262	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Aroclor 1268	A	***ND***	0.033		mg/Kg	1	10/25/06 06:45
Total PCB's	A	***0.083***	0.033		mg/Kg	1	10/25/06 06:45
Surr: Tetrachloro-m-xylene	S	35.0	5-165		%REC	1	10/25/06 06:45
Surr: Decachlorobiphenyl	S	85.1	5-222		%REC	1	10/25/06 06:45
TOTAL PETROLEUM HYDROCARBON Method: **SW8015B MOD**			Prep Date/Time: **10/20/06 16:07**				Analyst: **AS**
Diesel Range Organics	A	***4200***	97		mg/Kg	10	10/25/06 12:23
Gasoline Range Organics	A	***ND***	97		mg/Kg	10	10/25/06 12:23
TPH as Diesel	A	***ND***	97		mg/Kg	10	10/25/06 12:23
TPH as Gasoline	A	***ND***	97		mg/Kg	10	10/25/06 12:23
Surr: Decafluorobiphenyl	S	0	50-150	SD	%REC	10	10/25/06 12:23
TCLP MERCURY Method: **SW1311/7470A**			Prep Date/Time: **10/23/06 08:40**				Analyst: **AC**
Mercury	A	***ND***	0.0010		mg/L	1	10/23/06 13:34
TCLP METALS Method: **SW1311/6010B**			Prep Date/Time: **10/23/06 08:20**				Analyst: **AC**
Arsenic	A	***0.021***	0.010		mg/L	1	10/23/06 18:37
Barium	A	***ND***	0.50		mg/L	1	10/23/06 18:37
Cadmium	A	***0.054***	0.0020		mg/L	1	10/23/06 18:37
Chromium	A	***ND***	0.0030		mg/L	1	10/23/06 18:37
Lead	A	***0.029***	0.0075		mg/L	1	10/23/06 18:37
Selenium	A	***ND***	0.030		mg/L	1	10/24/06 13:38
Silver	A	***ND***	0.010		mg/L	1	10/23/06 18:37
TCLP SEMI-VOLATILE ORGANICS Method: **SW1311/8270C**			Prep Date/Time: **10/23/06 09:07**				Analyst: **BM**
1,4-Dichlorobenzene	A	***ND***	0.050		mg/L	1	10/23/06 22:08
2,4,5-Trichlorophenol	A	***ND***	0.050		mg/L	1	10/23/06 22:08
2,4,6-Trichlorophenol	A	***ND***	0.050		mg/L	1	10/23/06 22:08
2,4-Dinitrotoluene	A	***ND***	0.050		mg/L	1	10/23/06 22:08
2-Methylphenol	A	***ND***	0.050		mg/L	1	10/23/06 22:08
3/4-Methylphenol	A	***ND***	0.050		mg/L	1	10/23/06 22:08

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: S-F-S
Sample Description:
Sample Matrix: Solid

Work Order / ID: ME0610715-01A
Collection Date: 10/19/06 10:00
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
TCLP SEMI-VOLATILE ORGANICS Method: **SW1311/8270C**			Prep Date/Time: **10/23/06 09:07**				Analyst: **BM**
Hexachlorobenzene	A	***ND***	0.050		mg/L	1	10/23/06 22:08
Hexachlorobutadiene	A	***ND***	0.050		mg/L	1	10/23/06 22:08
Hexachloroethane	A	***ND***	0.050		mg/L	1	10/23/06 22:08
Nitrobenzene	A	***ND***	0.050		mg/L	1	10/23/06 22:08
Pentachlorophenol	A	***ND***	0.25		mg/L	1	10/23/06 22:08
Pyridine	A	***ND***	0.050		mg/L	1	10/23/06 22:08
Total Cresol	A	***ND***	0.050		mg/L	1	10/23/06 22:08
Surr: Nitrobenzene-d5	S	93.7	10-121		%REC	1	10/23/06 22:08
Surr: 2-Fluorobiphenyl	S	99.3	5.58-109		%REC	1	10/23/06 22:08
Surr: Terphenyl-d14	S	110	10-130		%REC	1	10/23/06 22:08
Surr: Phenol-d5	S	81.4	10-100		%REC	1	10/23/06 22:08
Surr: 2-Fluorophenol	S	87.5	10-84.7	S	%REC	1	10/23/06 22:08
Surr: 2,4,6-Tribromophenol	S	99.2	10-120		%REC	1	10/23/06 22:08
TCLP VOLATILES Method: **SW1311/8260B**			Prep Date/Time: **10/22/06 13:00**				Analyst: **CLR**
Benzene	A	***ND***	0.050		mg/L	10	10/24/06 15:16
2-Butanone	A	***ND***	0.10		mg/L	10	10/24/06 15:16
Carbon tetrachloride	A	***ND***	0.050		mg/L	10	10/24/06 15:16
Chlorobenzene	A	***ND***	0.050		mg/L	10	10/24/06 15:16
Chloroform	A	***ND***	0.050		mg/L	10	10/24/06 15:16
1,1-Dichloroethene	A	***ND***	0.050		mg/L	10	10/24/06 15:16
1,2-Dichloroethane	A	***ND***	0.050		mg/L	10	10/24/06 15:16
1,4-Dichlorobenzene	A	***ND***	0.050		mg/L	10	10/24/06 15:16
Tetrachloroethene	A	***ND***	0.050		mg/L	10	10/24/06 15:16
Trichloroethene	A	***ND***	0.050		mg/L	10	10/24/06 15:16
Vinyl chloride	A	***ND***	0.050		mg/L	10	10/24/06 15:16
Surr: 4-Bromofluorobenzene	S	103	72.4-120		%REC	10	10/24/06 15:16
Surr: Dibromofluoromethane	S	115	80.2-126		%REC	10	10/24/06 15:16
Surr: Toluene-d8	S	91.1	83.9-117		%REC	10	10/24/06 15:16
Surr: 1,2-Dichloroethane-d4	S	114	74.4-132		%REC	10	10/24/06 15:16
CHLORINE Method: **D808-00**			Prep Date/Time: **10/24/06 14:30**				Analyst: **DDD**
Chlorine by Bomb (Total Halogens)	A	***950***	100		mg/Kg	1	10/24/06 15:00
IGNITABILITY (OPEN CUP FLASHPOI Method: **D92-90 MOD**			Prep Date/Time:				Analyst: **BR**
Ignitability	A	***>170***	30		°F	1	10/22/06 08:30
PAINT FILTER Method: **SW9095B**			Prep Date/Time:				Analyst: **AG**
Paint Filter	A	***PASS***			Pass/Fail	1	10/20/06 10:00
CORROSIVITY BY PH Method: **SW9045C**			Prep Date/Time:				Analyst: **AG**

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: S-F-S
Sample Description:
Sample Matrix: Solid

Work Order / ID: ME0610715-01A
Collection Date: 10/19/06 10:00
Date Received: 10/19/06 12:10

Analyses		ST	Result	RL	Qual	Units	DF	Analyzed
CORROSIVITY BY PH	Method: **SW9045C**			Prep Date/Time:				Analyst: **AG**
pH		A	***6.9***	0		pH Units	1	10/24/06 09:45
CYANIDE, REACTIVE	Method: **SW7.3.3.2_R3**			Prep Date/Time: **10/23/06 09:30**				Analyst: **RL**
Reactive Cyanide		A	***ND***	20		mg/Kg	1	10/23/06 16:28
SULFIDE, REACTIVE	Method: **SW7.3.4.2_R3**			Prep Date/Time: **10/23/06 09:30**				Analyst: **AG**
Reactive Sulfide		A	***ND***	9.9		mg/Kg	1	10/24/06 15:20

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: F-S+10
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-02A
Collection Date: 10/19/06 10:05
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
PCB'S Method: **SW8082**			Prep Date/Time: **10/24/06 00:00**				Analyst: **AS**
Aroclor 1016	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1221	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1232	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1242	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1248	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1254	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1260	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1262	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Aroclor 1268	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Total PCB's	A	ND	0.33		mg/Kg	1	10/24/06 16:42
Surr: Tetrachloro-m-xylene	S	95.1	5-165		%REC	1	10/24/06 16:42
Surr: Decachlorobiphenyl	S	65.1	5-222		%REC	1	10/24/06 16:42
TOTAL PETROLEUM HYDROCARBON Method: **SW8015B MOD**			Prep Date/Time: **10/25/06 00:00**				Analyst: **AS**
Diesel Range Organics	A	9900	100		mg/Kg	1	10/25/06 14:22
Gasoline Range Organics	A	64000	100	E	mg/Kg	1	10/25/06 14:22
TPH as Diesel	A	ND	100		mg/Kg	1	10/25/06 14:22
TPH as Gasoline	A	ND	100		mg/Kg	1	10/25/06 14:22
Surr: Decafluorobiphenyl	S	244	50-150	SI	%REC	1	10/25/06 14:22
TOTAL METALS Method: **SW6010B**			Prep Date/Time: **10/20/06 10:50**				Analyst: **AC**
Arsenic	A	ND	0.24		mg/Kg	1	10/23/06 21:09
Barium	A	13	0.048		mg/Kg	1	10/23/06 21:09
Cadmium	A	ND	0.048		mg/Kg	1	10/23/06 21:09
Chromium	A	0.97	0.071		mg/Kg	1	10/24/06 14:58
Lead	A	2.7	0.18		mg/Kg	1	10/23/06 21:09
Selenium	A	11	0.71		mg/Kg	1	10/23/06 21:09
Silver	A	ND	0.24		mg/Kg	1	10/23/06 21:09
TOTAL METALS Method: **SW7471A**			Prep Date/Time: **10/20/06 11:05**				Analyst: **SA**
Mercury	A	ND	0.020		mg/Kg	1	10/20/06 13:49
SEMIVOLATILE ORGANICS Method: **SW8270C**			Prep Date/Time: **10/20/06 19:57**				Analyst: **BM**
1,2-Diphenyl-hydrazine	A	ND	500		mg/Kg	50	10/23/06 22:33
Acetophenone	A	ND	500		mg/Kg	50	10/23/06 22:33
Carbazole	A	ND	500		mg/Kg	50	10/23/06 22:33
N-Nitrosodimethylamine	A	ND	500		mg/Kg	50	10/23/06 22:33
Pyridine	A	ND	500		mg/Kg	50	10/23/06 22:33
Acenaphthene	A	ND	500		mg/Kg	50	10/23/06 22:33

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: F-S+10
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-02A
Collection Date: 10/19/06 10:05
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
SEMIVOLATILE ORGANICS Method: **SW8270C**				Prep Date/Time: **10/20/06 19:57**		Analyst: **BM**	
Acenaphthylene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Aniline	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Anthracene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Benzidine	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
Benzo[a]anthracene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Benzo[a]pyrene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Benzo[b]fluoranthene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Benzo[g,h,i]perylene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Benzo[k]fluoranthene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Benzoic acid	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
Benzyl alcohol	A	***ND***	1000		mg/Kg	50	10/23/06 22:33
Butyl benzyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:33
4-Bromophenyl phenyl ether	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Di-n-butyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:33
4-Chloro-3-methylphenol	A	***ND***	1000		mg/Kg	50	10/23/06 22:33
4-Chloroaniline	A	***ND***	1000		mg/Kg	50	10/23/06 22:33
Bis(2-chloroethoxy)methane	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Bis(2-chloroethyl)ether	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Bis(2-chloroisopropyl)ether	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2-Chloronaphthalene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2-Chlorophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
4-Chlorophenyl phenyl ether	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Chrysene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Dibenz[a,h]anthracene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Dibenzofuran	A	***ND***	500		mg/Kg	50	10/23/06 22:33
1,3-Dichlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
1,4-Dichlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
1,2-Dichlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
3,3'-Dichlorobenzidine	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
2,6-Dichlorophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2,4-Dichlorophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Diethyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Dimethyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2,4-Dimethylphenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
4,6-Dinitro-2-methylphenol	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
2,4-Dinitrophenol	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
2,6-Dinitrotoluene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2,4-Dinitrotoluene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Bis(2-ethylhexyl)phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Fluoranthene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Fluorene	A	***ND***	500		mg/Kg	50	10/23/06 22:33

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: F-S+10
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-02A
Collection Date: 10/19/06 10:05
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
SEMIVOLATILE ORGANICS Method: **SW8270C**			Prep Date/Time: **10/20/06 19:57**				Analyst: **BM**
Hexachlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Hexachlorobutadiene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Hexachlorocyclopentadiene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Hexachloroethane	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Indeno[1,2,3cd]pyrene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Isophorone	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2-Methylnaphthalene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
3/4-Methylphenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2-Methylphenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Naphthalene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
4-Nitroaniline	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
2-Nitroaniline	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
3-Nitroaniline	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
Nitrobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
4-Nitrophenol	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
2-Nitrophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
N-Nitrosodi-n-propy amine	A	***ND***	500		mg/Kg	50	10/23/06 22:33
N-Nitrosodiphenylamine	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Di-n-octyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Pentachlorophenol	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
Phenanthrene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Phenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
1,2,4-Trichlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
2,4,5-Trichlorophenol	A	***ND***	2500		mg/Kg	50	10/23/06 22:33
2,4,6-Trichlorophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Pyrene	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Total Cresol	A	***ND***	500		mg/Kg	50	10/23/06 22:33
Surr: Nitrobenzene-d5	S 135		32-181		%REC	50	10/23/06 22:33
Surr: 2-Fluorobiphenyl	S 135		22.5-177		%REC	50	10/23/06 22:33
Surr: Terphenyl-d14	S 136		16.2-198		%REC	50	10/23/06 22:33
Surr: Phenol-d5	S 128		22.7-183		%REC	50	10/23/06 22:33
Surr: 2-Fluorophenol	S 154		32.9-177		%REC	50	10/23/06 22:33
Surr: 2,4,6-Tribromophenol	S 117		13.3-196		%REC	50	10/23/06 22:33
VOLATILE ORGANICS Method: **SW8260B**			Prep Date/Time:				Analyst: **CLR**
Trichlorofluoromethane	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
Acetone	A	***10000***	5000		mg/Kg	00,00	10/23/06 17:43
Acrolein	A	***ND***	10000		mg/Kg	00,00	10/23/06 17:43
Acrylonitrile	A	***ND***	10000		mg/Kg	00,00	10/23/06 17:43
Benzene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: F-S+10
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-02A
Collection Date: 10/19/06 10:05
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
VOLATILE ORGANICS Method: **SW8260B**			Prep Date/Time:				Analyst: **CLR**
Bromodichloromethane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Bromoform	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Bromomethane	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
2-Butanone	A	***14000***	1000		mg/Kg	00,00	10/23/06 17:43
Carbon Disulfide	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
Carbon tetrachloride	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Chlorobenzene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Chloroethane	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
Chloroform	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Chloromethane	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
Dibromochloromethane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
1,1-Dichloroethane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
1,2-Dichloroethane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
1,1-Dichloroethene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
cis-1,2-Dichloroethene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
trans-1,2-Dichloroethene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
1,2-Dichloropropane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
cis-1,3-Dichloropropene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
trans-1,3-Dichloropropene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Ethylbenzene	A	***17000***	500		mg/Kg	00,00	10/23/06 17:43
2-Hexanone	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
4-Methyl-2-Pentanone	A	***18000***	5000		mg/Kg	000,0(	10/23/06 15:11
Methyl-t-Butyl Ether	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Methylene chloride	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
Styrene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
1,1,2-Tetrachloroethane	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
1,2,2-Tetrachloroethane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Tetrachloroethene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Toluene	A	***91000***	5000		mg/Kg	000,0(	10/23/06 15:11
1,1,1-Trichloroethane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
1,1,2-Trichloroethane	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Trichloroethene	A	***ND***	500		mg/Kg	00,00	10/23/06 17:43
Vinyl Acetate	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
Vinyl chloride	A	***ND***	1000		mg/Kg	00,00	10/23/06 17:43
m,p-Xylene	A	***46000***	5000		mg/Kg	000,0(	10/23/06 15:11
o-Xylene	A	***12000***	500		mg/Kg	00,00	10/23/06 17:43
Total Xylenes	A	***58000***	5000		mg/Kg	000,0(	10/23/06 15:11
Surr: 4-Bromofluorobenzene	S	98.7	58.6-119		%REC	00,00	10/23/06 17:43
Surr: Dibromofluoromethane	S	105	70.8-132		%REC	00,00	10/23/06 17:43
Surr: 1,2-Dichloroethane-d4	S	110	67.9-142		%REC	00,00	10/23/06 17:43
Surr: Toluene-d8	S	97.7	72.7-141		%REC	00,00	10/23/06 17:43

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: F-S+10
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-02A
Collection Date: 10/19/06 10:05
Date Received: 10/19/06 12:10

Analyses		ST	Result	RL	Qual	Units	DF	Analyzed
TOTAL HALIDES	Method: **D808-00**			Prep Date/Time: **10/24/06 14:30**				Analyst: **DDD**
Chlorine by Bomb (Total Halogens)		A	***14000***	100		mg/Kg	1	10/24/06 15:00
IGNITABILITY (OPEN CUP FLASHPOI	Method: **D92-90 MOD**			Prep Date/Time:				Analyst: **DDD**
Ignitability		A	***120***	30		°F	1	10/25/06 08:00
PAINT FILTER	Method: **SW9095B**			Prep Date/Time:				Analyst: **AG**
Paint Filter		A	***FAIL***			Pass/Fail	1	10/20/06 10:00
CORROSIVITY BY PH	Method: **SW9045C**			Prep Date/Time:				Analyst: **AG**
pH		A	***3.4***	0		pH Units	1	10/24/06 09:45
CYANIDE, REACTIVE	Method: **SW7.3.3.2_R3**			Prep Date/Time: **10/23/06 09:30**				Analyst: **RL**
Reactive Cyanide		A	***ND***	20		mg/Kg	1	10/23/06 16:32
SULFIDE, REACTIVE	Method: **SW7.3.4.2_R3**			Prep Date/Time: **10/23/06 09:30**				Analyst: **AG**
Reactive Sulfide		A	***ND***	9.9		mg/Kg	1	10/24/06 15:20

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: LN Pit
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-03A
Collection Date: 10/19/06 10:30
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
PCBS IN OIL Method: **SW8082**			Prep Date/Time: **10/23/06 00:00**				Analyst: **AS**
Aroclor 1016	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1221	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1232	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1242	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1248	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1254	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1260	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1262	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Aroclor 1268	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Total PCB's	A	***ND***	1.0		mg/kg	1	10/24/06 14:52
Surr: Tetrachloro-m-xylene	S	20.0	5-163		%REC	1	10/24/06 14:52
Surr: Decachlorobiphenyl	S	40.0	19.8-152		%REC	1	10/24/06 14:52
TOTAL PETROLEUM HYDROCARBON Method: **SW8015B MOD**			Prep Date/Time: **10/25/06 00:00**				Analyst: **AS**
Diesel Range Organics	A	***38000***	100	E	mg/Kg	1	10/25/06 15:01
Gasoline Range Organics	A	***1700***	100		mg/Kg	1	10/25/06 15:01
TPH as Diesel	A	***ND***	100		mg/Kg	1	10/25/06 15:01
TPH as Gasoline	A	***ND***	100		mg/Kg	1	10/25/06 15:01
Surr: Decafluorobiphenyl	S	337	50-150	SI	%REC	1	10/25/06 15:01
TOTAL METALS Method: **SW6010B**			Prep Date/Time: **10/20/06 10:50**				Analyst: **AC**
Arsenic	A	***ND***	0.24		mg/Kg	1	10/23/06 21:15
Barium	A	***6.3***	0.049		mg/Kg	1	10/23/06 21:15
Cadmium	A	***0.46***	0.049		mg/Kg	1	10/23/06 21:15
Chromium	A	***1.1***	0.073		mg/Kg	1	10/24/06 15:03
Lead	A	***48***	0.18		mg/Kg	1	10/23/06 21:15
Selenium	A	***ND***	0.73		mg/Kg	1	10/23/06 21:15
Silver	A	***ND***	0.24		mg/Kg	1	10/23/06 21:15
TOTAL METALS Method: **SW7471A**			Prep Date/Time: **10/20/06 11:05**				Analyst: **SA**
Mercury	A	***ND***	0.021		mg/Kg	1	10/20/06 13:51
SEMIVOLATILE ORGANICS Method: **SW8270C**			Prep Date/Time: **10/20/06 19:57**				Analyst: **BM**
1,2-Diphenyl-hydrazine	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Acetophenone	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Carbazole	A	***ND***	500		mg/Kg	50	10/23/06 22:59
N-Nitrosodimethylamine	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Pyridine	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Acenaphthene	A	***ND***	500		mg/Kg	50	10/23/06 22:59

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: LN Pit
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-03A
Collection Date: 10/19/06 10:30
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
SEMIVOLATILE ORGANICS Method: **SW8270C**			Prep Date/Time: **10/20/06 19:57**			Analyst: **BM**	
Acenaphthylene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Aniline	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Anthracene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Benzidine	A	***ND***	2500		mg/Kg	50	10/23/06 22:59
Benzo[a]anthracene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Benzo[a]pyrene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Benzo[b]fluoranthene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Benzo[g,h,i]perylene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Benzo[k]fluoranthene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Benzoic acid	A	***ND***	2500		mg/Kg	50	10/23/06 22:59
Benzyl alcohol	A	***ND***	1000		mg/Kg	50	10/23/06 22:59
Butyl benzyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:59
4-Bromophenyl phenyl ether	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Di-n-butyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:59
4-Chloro-3-methylphenol	A	***ND***	1000		mg/Kg	50	10/23/06 22:59
4-Chloroaniline	A	***ND***	1000		mg/Kg	50	10/23/06 22:59
Bis(2-chloroethoxy)methane	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Bis(2-chloroethyl)ether	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Bis(2-chloroisopropyl)ether	A	***ND***	500		mg/Kg	50	10/23/06 22:59
2-Chloronaphthalene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
2-Chlorophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:59
4-Chlorophenyl phenyl ether	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Chrysene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Dibenz[a,h]anthracene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Dibenzofuran	A	***ND***	500		mg/Kg	50	10/23/06 22:59
1,3-Dichlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
1,4-Dichlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
1,2-Dichlorobenzene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
3,3'-Dichlorobenzidine	A	***ND***	2500		mg/Kg	50	10/23/06 22:59
2,6-Dichlorophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:59
2,4-Dichlorophenol	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Diethyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Dimethyl phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:59
2,4-Dimethylphenol	A	***ND***	500		mg/Kg	50	10/23/06 22:59
4,6-Dinitro-2-methylphenol	A	***ND***	2500		mg/Kg	50	10/23/06 22:59
2,4-Dinitrophenol	A	***ND***	2500		mg/Kg	50	10/23/06 22:59
2,6-Dinitrotoluene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
2,4-Dinitrotoluene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Bis(2-ethylhexyl)phthalate	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Fluoranthene	A	***ND***	500		mg/Kg	50	10/23/06 22:59
Fluorene	A	***ND***	500		mg/Kg	50	10/23/06 22:59

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: LN Pit
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-03A
Collection Date: 10/19/06 10:30
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
SEMIVOLATILE ORGANICS Method: **SW8270C**			Prep Date/Time: **10/20/06 19:57**				Analyst: **BM**
Hexachlorobenzene	A	ND	500		mg/Kg	50	10/23/06 22:59
Hexachlorobutadiene	A	ND	500		mg/Kg	50	10/23/06 22:59
Hexachlorocyclopentadiene	A	ND	500		mg/Kg	50	10/23/06 22:59
Hexachloroethane	A	ND	500		mg/Kg	50	10/23/06 22:59
Indeno[1,2,3cd]pyrene	A	ND	500		mg/Kg	50	10/23/06 22:59
Isophorone	A	ND	500		mg/Kg	50	10/23/06 22:59
2-Methylnaphthalene	A	ND	500		mg/Kg	50	10/23/06 22:59
3/4-Methylphenol	A	ND	500		mg/Kg	50	10/23/06 22:59
2-Methylphenol	A	ND	500		mg/Kg	50	10/23/06 22:59
Naphthalene	A	ND	500		mg/Kg	50	10/23/06 22:59
4-Nitroaniline	A	ND	2500		mg/Kg	50	10/23/06 22:59
2-Nitroaniline	A	ND	2500		mg/Kg	50	10/23/06 22:59
3-Nitroaniline	A	ND	2500		mg/Kg	50	10/23/06 22:59
Nitrobenzene	A	ND	500		mg/Kg	50	10/23/06 22:59
4-Nitrophenol	A	ND	2500		mg/Kg	50	10/23/06 22:59
2-Nitrophenol	A	ND	500		mg/Kg	50	10/23/06 22:59
N-Nitrosodi-n-propylamine	A	ND	500		mg/Kg	50	10/23/06 22:59
N-Nitrosodiphenylamine	A	ND	500		mg/Kg	50	10/23/06 22:59
Di-n-octyl phthalate	A	ND	500		mg/Kg	50	10/23/06 22:59
Pentachlorophenol	A	ND	2500		mg/Kg	50	10/23/06 22:59
Phenanthrene	A	ND	500		mg/Kg	50	10/23/06 22:59
Phenol	A	ND	500		mg/Kg	50	10/23/06 22:59
1,2,4-Trichlorobenzene	A	ND	500		mg/Kg	50	10/23/06 22:59
2,4,5-Trichlorophenol	A	ND	2500		mg/Kg	50	10/23/06 22:59
2,4,6-Trichlorophenol	A	ND	500		mg/Kg	50	10/23/06 22:59
Pyrene	A	ND	500		mg/Kg	50	10/23/06 22:59
Total Cresol	A	ND	500		mg/Kg	50	10/23/06 22:59
Surr: Nitrobenzene-d5	S	132	32-181		%REC	50	10/23/06 22:59
Surr: 2-Fluorobiphenyl	S	118	22.5-177		%REC	50	10/23/06 22:59
Surr: Terphenyl-d14	S	121	16.2-198		%REC	50	10/23/06 22:59
Surr: Phenol-d5	S	126	22.7-183		%REC	50	10/23/06 22:59
Surr: 2-Fluorophenol	S	143	32.9-177		%REC	50	10/23/06 22:59
Surr: 2,4,6-Tribromophenol	S	117	13.3-196		%REC	50	10/23/06 22:59
VOLATILE ORGANICS Method: **SW8260B**			Prep Date/Time:				Analyst: **CLR**
Trichlorofluoromethane	A	ND	1.0		mg/Kg	100	10/23/06 18:16
Acetone	A	ND	5.0		mg/Kg	100	10/23/06 18:16
Acrolein	A	ND	10		mg/Kg	100	10/23/06 18:16
Acrylonitrile	A	ND	10		mg/Kg	100	10/23/06 18:16
Benzene	A	ND	0.50		mg/Kg	100	10/23/06 18:16

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: LN Pit
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-03A
Collection Date: 10/19/06 10:30
Date Received: 10/19/06 12:10

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
VOLATILE ORGANICS Method: **SW8260B**			Prep Date/Time:				Analyst: **CLR**
Bromodichloromethane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Bromoform	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Bromomethane	A	ND	1.0		mg/Kg	100	10/23/06 18:16
2-Butanone	A	ND	1.0		mg/Kg	100	10/23/06 18:16
Carbon Disulfide	A	ND	1.0		mg/Kg	100	10/23/06 18:16
Carbon tetrachloride	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Chlorobenzene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Chloroethane	A	ND	1.0		mg/Kg	100	10/23/06 18:16
Chloroform	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Chloromethane	A	ND	1.0		mg/Kg	100	10/23/06 18:16
Dibromochloromethane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
1,1-Dichloroethane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
1,2-Dichloroethane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
1,1-Dichloroethene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
cis-1,2-Dichloroethene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
trans-1,2-Dichloroethene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
1,2-Dichloropropane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
cis-1,3-Dichloropropene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
trans-1,3-Dichloropropene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Ethylbenzene	A	0.57	0.50		mg/Kg	100	10/23/06 18:16
2-Hexanone	A	ND	0.50		mg/Kg	100	10/23/06 18:16
4-Methyl-2-Pentanone	A	8.1	0.50		mg/Kg	100	10/23/06 18:16
Methyl-t-Butyl Ether	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Methylene chloride	A	ND	1.0		mg/Kg	100	10/23/06 18:16
Styrene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
1,1,1,2-Tetrachloroethane	A	ND	1.0		mg/Kg	100	10/23/06 18:16
1,1,2,2-Tetrachloroethane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Tetrachloroethene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Toluene	A	35	5.0		mg/Kg	1,000	10/23/06 15:44
1,1,1-Trichloroethane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
1,1,2-Trichloroethane	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Trichloroethene	A	ND	0.50		mg/Kg	100	10/23/06 18:16
Vinyl Acetate	A	ND	1.0		mg/Kg	100	10/23/06 18:16
Vinyl chloride	A	ND	1.0		mg/Kg	100	10/23/06 18:16
m,p-Xylene	A	2.0	0.50		mg/Kg	100	10/23/06 18:16
o-Xylene	A	0.71	0.50		mg/Kg	100	10/23/06 18:16
Total Xylenes	A	2.7	0.50		mg/Kg	100	10/23/06 18:16
Surr: 4-Bromofluorobenzene	S	105	58.6-119		%REC	100	10/23/06 18:16
Surr: Dibromofluoromethane	S	98.2	70.8-132		%REC	100	10/23/06 18:16
Surr: 1,2-Dichloroethane-d4	S	113	67.9-142		%REC	100	10/23/06 18:16
Surr: Toluene-d8	S	101	72.7-141		%REC	100	10/23/06 18:16

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ANALYTICAL RESULTS

Date: *Wednesday, October 25, 2006*

Client: Environmental Restoration
Client Project: Labour Pump
Client Sample ID: LN Pit
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME0610715-03A
Collection Date: 10/19/06 10:30
Date Received: 10/19/06 12:10

Analyses		ST	Result	RL	Qual	Units	DF	Analyzed
TOTAL HALIDES	Method: **D808-00**			Prep Date/Time: **10/24/06 14:30**				Analyst: **DDD**
Chlorine by Bomb (Total Halogens)		A	***300***	100		mg/Kg	1	10/24/06 15:00
IGNITABILITY (OPEN CUP FLASHPOI	Method: **D92-90 MOD**			Prep Date/Time:				Analyst: **DDD**
Ignitability		A	***>170***	30		°F	1	10/25/06 08:00
PAINT FILTER	Method: **SW9095B**			Prep Date/Time:				Analyst: **AG**
Paint Filter		A	***FAIL***			Pass/Fail	1	10/20/06 10:00
CORROSIVITY BY PH	Method: **SW9045C**			Prep Date/Time:				Analyst: **AG**
pH		A	***7.1***	0		pH Units	1	10/24/06 09:45
CYANIDE, REACTIVE	Method: **SW7.3.3.2_R3**			Prep Date/Time: **10/23/06 09:30**				Analyst: **RL**
Reactive Cyanide		A	***ND***	20		mg/Kg	1	10/23/06 16:34
SULFIDE, REACTIVE	Method: **SW7.3.4.2_R3**			Prep Date/Time: **10/23/06 09:30**				Analyst: **AG**
Reactive Sulfide		A	***ND***	9.9		mg/Kg	1	10/24/06 15:20

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FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

NA	=	Not Analyzed	N/A	=	Not Applicable			
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	=	Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	=	Nanograms per Liter (ppt)
U	=	Undetected						
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)						
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL						
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL						
D	=	Surrogate recoveries are not calculated due to sample dilution						
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)						
E	=	Value above quantitation range						
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time						
I	=	Matrix Interference						
R	=	RPD outside accepted recovery limits						
S	=	Spike recovery outside recovery limits						
Surr	=	Surrogate						
DF	=	Dilution Factor	RL	=	Reporting Limit	ST	=	Sample Type
MDL	=	Method Detection Limit						

SAMPLE TYPES

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

CERTIFICATIONS

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #175458)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-02)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-08)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #0061)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

MICROBAC LOCATIONS

Corporate	-	Wexford, PA	**Camp Hill Division**	-	Camp Hill, PA
Pittsburgh Division	-	Warrendale, PA	**Knoxville Division**	-	Maryville, TN
Erie Division	-	Erie, PA / Wilkes-Barre, PA	**Venice Division**	-	Venice, FL / Fort Myers, FL
New Castle Division	-	New Castle, PA	**South Carolina Division**	-	New Ellenton, SC
Kentucky Testing Division	-	Louisville, KY / Evansville, IN	**Fayetteville Division**	-	Fayetteville, NC
Massachusetts Division	-	Marlboro, MA	**Southern Testing Division**	-	Wilson, NC
Gascoyne Division	-	Baltimore, MD	**Hauser Division**	-	Boulder, CO
Corona Division	-	Corona, CA	**Friend Laboratory**	-	Waverly, NY
South Jersey Division	-	Turnersville, NJ			

250 West 84th Drive, Merrillville, IN 46410 TEL.800.536.8379 TEL.219.769.8378 FAX.219.769.1664

ME061071 5
Labour Pump
ER - SOUTH HOLLAND, IL
10/24/2006
RM

Microbac

Samples Submitted to:
[ ] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664
[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

Chain of Custody Record

Number 71062

Instructions on back

RUSH

Client Name: Environmental Restoration LLC
Address: 11,660 S Canal Street
City, State, Zip: South Holland IL 60473
Contact: John Behrens
Telephone #:

Project: Labour Pump
Location:
PO #:
Compliance Monitoring? [ ] Yes(1) [ ] No
(1)Agency/Program

Turnaround Time:
[ ] Routine (7 working days)
[X] RUSH* (notify lab)
72-hour (needed by)

Report Type:
[ ] Results Only [ ] Level II
[ ] Level III [ ] Level III CLP-like
[ ] Level IV [ ] Level IV CLP-like
[ ] EDD

Sampled by (PRINT): Karen Campbell
Sampler Signature: Karen Campbell
Sampler Phone #: 317-313-1136

Send Report via [ ] Mail [ ] Telephone [ ] Fax (fax #) [ ] e-mail (address)

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)
** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses / Preservative Types **	PH	PCB	Flashpoint	Paint Filter	TPH	BTEX	Tox	TCLP Metals	TCLP VOC	TCLP SVOC	Reactive Sulfide	Cyanide	RCRA Metals	VOC	SVOC	For Lab Use Only
S-F-S	S		X		10/19/06	1000	2	U	X	X	X	X	X	X	X	X	X	X						
F-S + 10	O		|		|	1005	|	U	X	X	X	X	X	X				X	X	X	X	X	
LN Pit	|		|		|	1030	|	U	X	X	X	X	X	X				X	X	X	X	X	

Possible Hazard Identification: [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive
Sample Disposition: [ ] Dispose as appropriate [ ] Return [ ] Archive

Comments: O = drum samples

Sample temperature upon receipt in degrees C =

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Karen Campbell	10/19/06 1035	[signature]	10-19-06 1035
[signature]	10-19-06, 1210		
		Received for Lab By (signature): Ben Smith	10/19/06 1210

rev. 11/04/04

Page ___ of ___

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COOLER INSPECTION

Date: Wednesday, October 25, 2006

Client Name ***ER - SOUTH HOLLAND, IL***

Work Order Number ***ME0610715***

Checklist completed by DP 10/19/2006 2:05:06 PM

Date / Time Received: ***10/19/2006 12:10:00 PM***

Received by: KRS

Reviewed by RM | 10/20/2006 8:09:51 AM

Carrier name: Client Delivered

After-Hour Arrival?	Yes ☐	No ☑	
Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody included sufficient client identification?	Yes ☑	No ☐	
Chain of custody included sufficient sample collector information?	Yes ☑	No ☐	
Chain of custody included a sample description?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Chain of custody identified the appropriate matrix?	Yes ☑	No ☐	
Chain of custody included date of collection?	Yes ☑	No ☐	
Chain of custody included time of collection?	Yes ☑	No ☐	
Chain of custody identified the appropriate number of containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Chain of custody identified the appropriate preservatives?	Yes ☑	No ☐	
Samples properly preserved?	Yes ☑	No ☐	
If No, adjusted by?		Date/Time	
Chain of custody included the requested analyses?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samples received on ice?	Yes ☑	No ☐	
Container/Temp Blank temperature	Temp:	°C	
VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

General Comments: 72hr TAT - RUSH!
Samples 02A and 03A had to be split off into a 2oz jar for VOC analysis.

Sample ID	Client Sample ID	Comments
ME0610715-01A	S-F-S	
ME0610715-02A	F-S+10	
ME0610715-03A	LN Pit	