NM2 - 4

MONITORING REPORTS YEAR(S):

2006 - 2004

BMG

BENSON-MONTIN-GREER DRILLING CORP.

January 31, 2007

Mr. Brad Jones
NMOCD
Environment Bureau
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: 2006 ANNUAL REPORT CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY, PERMIT No. NM-02-0004
Section 20, Township 25 North, Range 1 East, Rio Arriba County

Dear Mr. Jones:

Please find enclosed the referenced annual report for 2006. If you have any questions please contact me at 505-325-8874 or by email at mikedimond@bmgdrilling.com.

Sincerely,

Mike Dimond

Mike Dimond
President

Cc: NMOCD, Aztec; File

4900 College Boulevard, Farmington, NM 87402 (505) 325-8874 Fax (505) 327-9207

AES Animas Environmental Services, LLC

624 E. Comanche . Farmington, NM 87401 . TEL 505-564-2281 . FAX 505-324-2022 . www.animasenvironmental.com

December 26, 2006

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of November 2006 Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On November 15, 2006, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the active treatment cells. Sample collection depth for the three treatment cells sampled was 2.5 feet below surface grade. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. A Chain of Custody was completed, and the containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 8015 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection with materials and equipment supplied by the laboratory.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, treatment cells #1, #2, and #3 are in use and are being tilled on a frequent basis. Cell #4 is currently not in use. Analytical results showed BTEX concentrations below laboratory detection limits for cells #1, #2, and #3, with the exception of toluene in Cell #1 which had a concentration of 0.29 mg/kg. TPH concentrations ($C_{10} - C_{36}$) were reported at 228 mg/kg in cell #3, 75 mg/kg in cell #1, and 44 mg/kg in cell #2. Laboratory analytical results for all samples are presented on Figure 1. Laboratory analytical reports are also attached.

The next monitoring and sampling event is tentatively scheduled to be completed during the week of February 12, 2007. If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Elizabeth McNally at (505) 564-2281.

Sincerely,

Ross Kennemer
Project Manager

Attachments: Figure 1. Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2006/BMG/Landfarm Sampling/gcbmg122606

DRAWN BY	CHECKED BY	RK	01-29-07	REVISIONS
NCW		EM	01-29-07	BY: Ross
11-16-06	APPROVED BY			DATE: 01-29-07

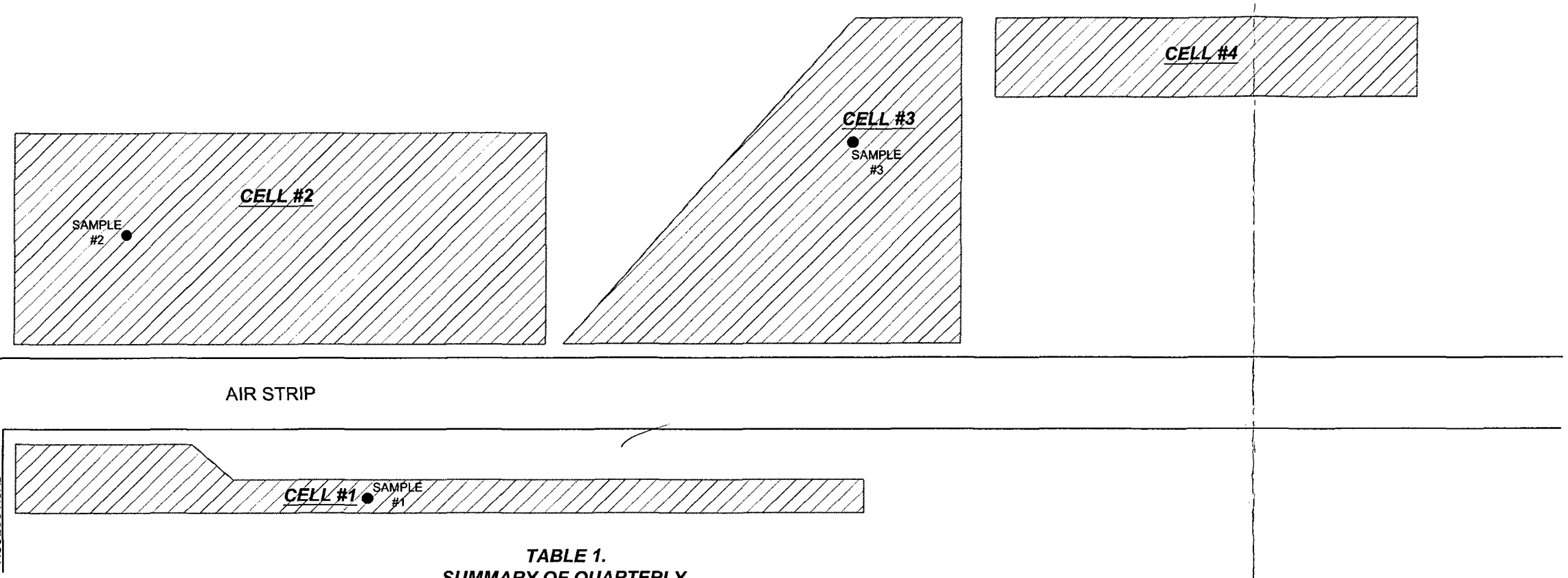

TABLE 1.
SUMMARY OF QUARTERLY
TREATMENT ZONE MONITORING
NOVEMBER 2006

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL BENZENE (MG/KG)	XYLENE (MG/KG)	FUEL HYDROCARBONS	
									C6-C10 (MG/KG)	C10-C36 (MG/KG)
CELL #1	#1	N 36° 23.350' W 106° 51.982'	11/15/06	2.5	<0.025	0.029	<0.025	<0.10	<10	75
CELL #2	#2	N 36° 23.399' W 106° 52.003'	11/15/06	2.5	<0.025	<0.025	<0.025	<0.10	<10	44
CELL #3	#3	N 36° 23.351' W 106° 51.862'	11/15/06	2.5	<0.025	<0.025	<0.025	<0.10	<10	228
CELL #4		NOT IN USE, NO SAMPLE	11/15/06							

SCALE
150 90 0 150
30
(1 INCH = 150 FEET)

N

FIGURE 1
BENSON-MONTIN-GREER
CENTRALIZED SURFACE WASTE
MANAGEMENT FACILITY
MONITORING LOCATIONS
NOVEMBER 2006
NW 1/4, NW 1/4, SEC. 20, T25N, R1E,
RIO ARRIBA, CO., NM

Animas Environmental Services, LLC

S:\ANIMAS 2000\2007 PROJECTS\BENSON MONTIN GREER\LAND FARM SAMPLING\DRAWINGS\111506 SAMPLING.DWG

APPENDIX A

PINNACLE LABS
Environmental Testing

Pinnacle Lab ID number **611223**
December 11, 2006

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name BMG LANDFARM
Project Number (NONE)

Attention: ROSS KENNEMER

On 11/17/2006 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABS
Environmental Testing

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 611223
PROJECT #	: (NONE)	DATE RECEIVED	: 11/17/2006
PROJECT NAME	: BMG LANDFARM	REPORT DATE	: 12/11/2006

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
611223 - 01	CELL #1 @ 2.5FT	NON-AQ	11/15/2006
611223 - 02	CELL #2 @ 2.5FT	NON-AQ	11/15/2006
611223 - 03	CELL #3 @ 2.5FT	NON-AQ	11/15/2006

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG LANDFARM

PINNACLE I.D. : 611223
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5FT	NON-AQ	11/15/2006	NA	11/29/2006	1
02	CELL #2 @ 2.5FT	NON-AQ	11/15/2006	NA	11/29/2006	1
03	CELL #3 @ 2.5FT	NON-AQ	11/15/2006	NA	11/29/2006	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5FT	CELL #2 @ 2.5FT	CELL #3 @ 2.5FT
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	**0.025**	**MG/KG**	**0.029**	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.10	MG/KG	< 0.10	< 0.10	< 0.10
SURROGATE:					
BROMOFLUOROBENZENE (%)			100	104	106
SURROGATE LIMITS	(80 - 120)				
DRY WEIGHT (%)			83	91	89

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021B	PINNACLE I.D.	: 611223
BLANK I.D.	: 112906	DATE EXTRACTED	: NA
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/29/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.10

SURROGATE:
BROMOFLUOROBENZENE (%) 115
SURROGATE LIMITS (80 - 120)

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 611223
BATCH ID	: 112906	DATE EXTRACTED	: NA
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/29/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	0.935	94	0.976	98	4	(80 - 120)	20
TOLUENE	<0.025	1.00	0.959	96	1.01	101	5	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	0.958	96	1.01	101	5	(80 - 120)	20
TOTAL XYLENES	<0.10	3.00	2.87	96	3.08	103	7	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 611223
SAMPLE ID	: 611223-03	DATE EXTRACTED	: NA
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/29/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	0.978	98	1.04	104	6	(80 - 120)	20
TOLUENE	<0.025	1.00	0.991	99	1.06	106	7	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	0.993	99	1.06	106	7	(80 - 120)	20
TOTAL XYLENES	<0.10	3.00	2.99	100	3.19	106	6	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B / 8015B GRO - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG LANDFARM

PINNACLE I.D. : 611223
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5FT	NON-AQ	11/15/2006	NA	11/29/2006	1
02	CELL #2 @ 2.5FT	NON-AQ	11/15/2006	NA	11/29/2006	1
03	CELL #3 @ 2.5FT	NON-AQ	11/15/2006	NA	11/29/2006	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5FT	CELL #2 @ 2.5FT	CELL #3 @ 2.5FT
FUEL HYDROCARBONS	10	MG/KG	< 10	< 10	< 10
HYDROCARBON RANGE			C6-C10	C6-C10	C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE	GASOLINE	GASOLINE
DRY WEIGHT (%)			83	91	89

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 611223
BLANK I.D.	: 112806B	DATE EXTRACTED	: NA
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/28/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM	ANALYST	: BP

PARAMETER	UNITS	
FUEL HYDROCARBONS	MG/KG	<10
HYDROCARBON RANGE		C6-C10
HYDROCARBONS QUANTITATED USING		GASOLINE

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 611223
BATCH ID	: 112806B	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/28/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	44.9	90	42.1	84	6	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING		GASOLINE							

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 611223
SAMPLE ID	: 611223-03	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/29/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	46.4	93	46.5	93	0	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USINGGASOLINE									

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)		
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 611223
PROJECT #	: (NONE)	ANALYST	: BP
PROJECT NAME	: BMG LANDFARM		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5FT	NON-AQ	11/15/2006	11/28/2006	11/29/2006	1
02	CELL #2 @ 2.5FT	NON-AQ	11/15/2006	11/28/2006	11/29/2006	1
03	CELL #3 @ 2.5FT	NON-AQ	11/15/2006	11/28/2006	11/29/2006	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5FT	CELL #2 @ 2.5FT	CELL #3 @ 2.5FT	
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10	
FUEL HYDROCARBONS, C10-C22	**10**	**MG/KG**	**25**	**25**	**150**	
FUEL HYDROCARBONS, C22-C36	**15**	**MG/KG**	**50**	**19**	**78**	**R4**
CALCULATED SUM:			**75**	**44**	**228**	
SURROGATE:						
O-TERPHENYL (%)			93	96	95	
SURROGATE LIMITS	(70-130)					

CHEMIST NOTES:
R4 = Reporting Limit was raised due to background interference.

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 611223
BLANK I.D.	: 112806	DATE EXTRACTED	: 11/28/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/29/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	ANALYST	: BP

PARAMETER	UNITS		
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10	
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10	
FUEL HYDROCARBONS, C22-C36	MG/KG	< 15	**R4**
SURROGATE:			
O-TERPHENYL (%)		101	
SURROGATE LIMITS (70-130)			

CHEMIST NOTES:
R4 = Reporting Limit was raised due to background interference.

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 611223
BATCH ID	: 112806	DATE EXTRACTED	: 11/28/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/29/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED BLANK	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	206	103	216	108	5	(75-125)	20
HYDROCARBON RANGE		C10-C32							
HYDROCARBONS QUANTITATED USING		DIESEL FUEL							

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 611223
SAMPLE ID	: 611216-02	DATE EXTRACTED	: 11/28/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 11/29/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	217	109	208	104	4	(70-130)	20
HYDROCARBON RANGE		C10-C32							
HYDROCARBONS QUANTITATED USING		DIESEL FUEL							

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 11/16/06 PAGE: 1 OF 1

RLI Accession #: 611223

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animas Environmental Services
ADDRESS: 1024 E. Comanche
Farmington, NM 87401
PHONE: (505) 564-2281
FAX: (505) 324-2022

BILL TO: AES
COMPANY:
ADDRESS:

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.
Cell #1 @ 2.5 ft	11/15	1205	Soil	01
Cell #2 @ 2.5 ft	11/15	1220	Soil	02
Cell #3 @ 2.5 ft	11/15	1240	Soil	03

ANALYSIS REQUEST

	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap TPH (8015B GRO) DRO	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
Cell #1 @ 2.5 ft			X	X																							3
Cell #2 @ 2.5 ft			X	X																							3
Cell #3 @ 2.5 ft			X	X																							3

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION	
PROJ. NO.: 1	
PROJ. NAME: BMG Landfarm	
P.O. NO.:	
SHIPPED VIA: UPS	
SAMPLE RECEIPT	
NO CONTAINERS	9
CUSTODY SEALS	Y / N (NA)
RECEIVED INTACT	Yes
BLUE ICE/ICE	3.8 c

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☒NM ☐SDWA ☐AZ ☐OTHER

METHANOL PRESERVATION ☑ METALS ☐TOTAL ☐DISSOLVED

COMMENTS:
BMG centerlized surface waste management facility
* 8021 BTEX
* 8015 TPH GRO + DRO

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Chad D Time: 1500	Signature: Time:
Printed Name: Chad Dawson Date: 11/16/06	Printed Name: Date:
Company: AES	Company:
See Reverse side (Force Majeure)	
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Time: Nancy Tavio 1028
Printed Name: Date:	Printed Name: Date: Nancy Tavio 11/17/06
Company:	Pinnacle Laboratories Inc.

DISTRIBUTION: White - PLI, Canary - Originator

AES Animas Environmental Services, LLC

624 E. Comanche . Farmington, NM 87401 . TEL 505-564-2281 . FAX 505-324-2022 . www.animasenvironmental.com

OCT 2 4 2006

October 17, 2006

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of August 2006 Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On August 28, 2006, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the active treatment cells. Sample collection depth for the three treatment cells sampled was 2.5 feet below surface grade. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed at the time the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 8015 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection with materials and equipment supplied by the laboratory.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, treatment cells #1, #2, and #3 are in use and are being tilled on a frequent basis. Cell #4 is currently not in use. Analytical results showed BTEX concentrations below laboratory detection limits for cells #1, #2, and #3. TPH concentrations ($C_{10} - C_{36}$) were reported at 750 mg/kg in cell #1, 21 mg/kg in cell #2, and below detection limit in cell #3.

Laboratory analytical results for all samples are presented on Figure 1. Laboratory analytical reports are also attached.

The next monitoring and sampling event is tentatively scheduled to be completed during the week of November 20, 2006. If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Elizabeth McNally at (505) 564-2281.

Sincerely,

Elizabeth D. McNally

Elizabeth McNally, P.E.

Attachments: Figure 1. Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2006/BMG/Landfarm Sampling/gcbmg100406

DRAWN BY	NCW	CHECKED BY	EM	10-23-06	REVISIONS
	08-29-06	APPROVED BY	EM	10-23-06	BY: NCW DATE: 10-23-06

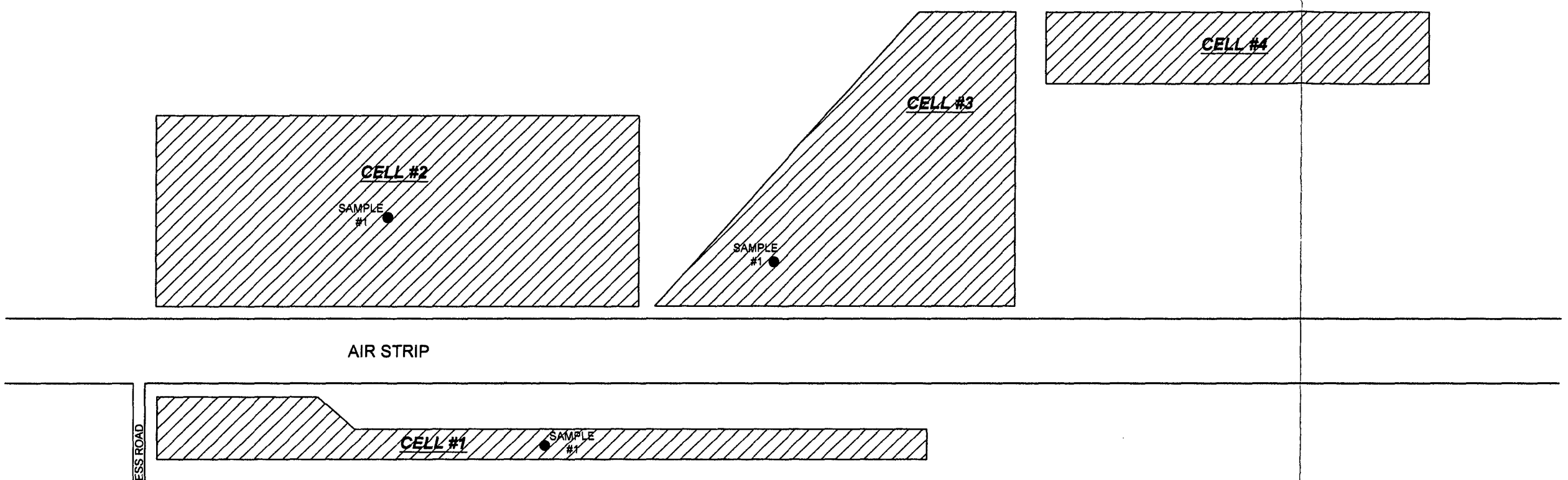

TABLE 1.
SUMMARY OF QUARTERLY
TREATMENT ZONE MONITORING
AUGUST 2006

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL BENZENE (MG/KG)	XYLENE (MG/KG)	FUEL HYDROCARBONS	
									C6-C10 (MG/KG)	C10-C36 (MG/KG)
CELL #1	#1	N 36° 23.354' W 106° 51.643'	08/28/06	2.5	<0.025	<0.025	<0.025	<0.10	<10	750
CELL #2	#1	N 36° 23.394' W 106° 51.979'	08/28/06	2.5	<0.025	<0.025	<0.025	<0.10	<10	21
CELL #3	#1	N 36° 23.344' W 106° 51.895'	08/28/06	2.5	<0.025	<0.025	<0.025	<0.10	<10	<20
CELL #4		NOT IN USE, NO SAMPLE	08/28/06							

SCALE
150 90 0 150
30
(1 INCH = 150 FEET)

N

FIGURE 1
LANDFARM WITH TREATMENT ZONE MONITORING LOCATIONS AUGUST 2006

BMG
CENTRAILIZED SURFACE WASTE MANAGEMENT FACILITY
NW 1/4, NW 1/4, SEC. 20, T25N, R1E,
RIO ARRIBA, CO., NM

Animas Environmental Services, LLC

2006/BENSONMONTINGREER/LANDFARMSAMPLING/DWG/082806SAMPLING.DWG

PINNACLE LABS
Environmental Testing

Pinnacle Lab ID number **608242**
September 27, 2006

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name BMG LANDFARM
Project Number (NONE)

Attention: ROSS KENNEMER

On 08/30/2006 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABS
Environmental Testing

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 608242
PROJECT #	: (NONE)	DATE RECEIVED	: 08/30/2006
PROJECT NAME	: BMG LANDFARM	REPORT DATE	: 09/27/2006

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
608242 - 01	CELL #1 @ 2.5'	NON-AQ	08/28/2006
608242 - 02	CELL #2 @ 2.5'	NON-AQ	08/28/2006
608242 - 03	CELL #3 @ 2.5'	NON-AQ	08/28/2006

PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B / 8015B GRO
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG LANDFARM

PINNACLE I.D. : 608242
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5'	NON-AQ	08/28/2006	09/07/2006	09/09/2006	1
02	CELL #2 @ 2.5'	NON-AQ	08/28/2006	09/07/2006	09/09/2006	1
03	CELL #3 @ 2.5'	NON-AQ	08/28/2006	09/07/2006	09/09/2006	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5'	CELL #2 @ 2.5'	CELL #3 @ 2.5'
FUEL HYDROCARBONS	10	MG/KG	< 10	< 10	< 10
HYDROCARBON RANGE			C6-C10	C6-C10	C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE	GASOLINE	GASOLINE
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.10	MG/KG	< 0.10	< 0.10	< 0.10
SURROGATE:					
BROMOFLUOROBENZENE (%)			105	107	100
SURROGATE LIMITS	(65 - 120)				

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8021B / 8015B GRO	PINNACLE I.D.	: 608242
BLANK I.D.	: 090706	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/09/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	ANALYST	: BP

PARAMETER	UNITS	
FUEL HYDROCARBONS	MG/KG	<10
HYDROCARBON RANGE		C6-C10
HYDROCARBONS QUANTITATED USING		GASOLINE
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.10
SURROGATE:		
BROMOFLUOROBENZENE (%)		109
SURROGATE LIMITS (80 - 120)		

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 608242
BATCH ID	: 090706	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/09/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.11	111	1.09	109	2	(68 - 120)	20
TOLUENE	<0.025	1.00	1.13	113	1.10	110	3	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.14	114	1.11	111	3	(49 - 127)	20
TOTAL XYLENES	<0.10	3.00	3.46	115	3.36	112	3	(58 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 608242
BATCH ID	: 090706	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/09/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	43.8	88	44.1	88	1	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING		GASOLINE							

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 608242
SAMPLE ID	: 608242-02	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/09/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.12	112	1.15	115	3	(68 - 120)	20
TOLUENE	<0.025	1.00	1.14	114	1.16	116	2	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.14	114	1.17	117	3	(49 - 127)	20
TOTAL XYLENES	<0.10	3.00	3.45	115	3.52	117	2	(58 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 608242
SAMPLE ID	: 608242-02	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/09/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	43.1	86	41.3	83	4	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING	GASOLINE								

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : ANIMAS ENVIRONMENTAL SERVICES PINNACLE I.D. : 608242
PROJECT # : (NONE) ANALYST : BP
PROJECT NAME : BMG LANDFARM

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5'	NON-AQ	08/28/2006	09/07/2006	09/08/2006	1
02	CELL #2 @ 2.5'	NON-AQ	08/28/2006	09/07/2006	09/08/2006	1
03	CELL #3 @ 2.5'	NON-AQ	08/28/2006	09/07/2006	09/08/2006	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5'	CELL #2 @ 2.5'	CELL #3 @ 2.5'	
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10	
FUEL HYDROCARBONS, C10-C22	**10**	**MG/KG**	**390**	**21**	< 10	
FUEL HYDROCARBONS, C22-C36	**20**	**MG/KG**	**360**	< 20	< 20	**R4**
CALCULATED SUM:			**750**	**21**		
SURROGATE:						
O-TERPHENYL (%)			89	102	99	
SURROGATE LIMITS	(70-130)					

CHEMIST NOTES:
R4 = Reporting limit raised due to background interference.

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 608242
BLANK I.D.	: 090706	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/08/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	ANALYST	: BP

PARAMETER	UNITS		
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10	
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10	
FUEL HYDROCARBONS, C22-C36	MG/KG	< 20	**R4**
SURROGATE:			
O-TERPHENYL (%)		90	
SURROGATE LIMITS	(70-130)		

CHEMIST NOTES:
R4 = Reporting limit raised due to background interference.

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PINNACLE LABS
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GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 608242
BATCH ID	: 090706	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/08/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED BLANK	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	210	105	201	101	4	(75-125)	20
HYDROCARBON RANGE		C10-C32							

HYDROCARBONS QUANTITATED USING DIESEL FUEL

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 608242
SAMPLE ID	: 608242-02	DATE EXTRACTED	: 09/07/2006
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 09/08/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	21	200	222	101	225	102	1	(70-130)	20
HYDROCARBON RANGE		C10-C32							

HYDROCARBONS QUANTITATED USING DIESEL FUEL

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABORATORIES

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 8/29/06 PAGE: 1 OF 1

PLI Accession #: 608242

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: ROSS KENNEMER
COMPANY: AES
ADDRESS: 624 E. COMANCHE
FARMINGTON, NM
PHONE: (505) 564-2281
FAX: (505) 324-2022
BILL TO: AES
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	* TPH 8015 ~~(1664)~~	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ~~MTBE TMB PCE~~	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
CELL #1 @ 2.5'	8/28/06	1030	SOIL	01			X		X	X																							2
CELL #2 @ 2.5'	↓	1050	↓	02			X		X	X																							2
CELL #3 @ 2.5'	↓	1105	↓	03			X		X	X																							2

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.:
PROJ. NAME: BMG LANDFARM
P.O. NO.:
SHIPPED VIA: UPS

SAMPLE RECEIPT

NO CONTAINERS	6
CUSTODY SEALS	Y / N / (NA)
RECEIVED INTACT	Yes
(BLUE ICE)/ICE	5.8°c

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☒NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS:
PROJECT:
BMG CENTRALIZED SURFACE
WASTE MANAGEMENT FACILITY
* 8021 BTEX.
* INCLUDE TPH GRO + DRO
EPA 8015

RELINQUISHED BY: 1.
Signature: [signature] Time: 1500
Printed Name: JIM COBURN Date: 8/29/06
Company: AES
See Reverse side (Force Majeure)

RECEIVED BY: 1.
Signature: Time:
Printed Name: Date:
Company:

RELINQUISHED BY: 2.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: (LAB) 2.
Signature: [signature] Time: 1145
Printed Name: [illegible] Date: 8/30/06
Pinnacle Laboratories Inc.

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 8/29/06 PAGE: 1 OF 1

PLI Accession #:

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER:	ROSS KENNEMER
COMPANY:	AES
ADDRESS:	624 E. COMANCHE
	FARMINGTON, NM
PHONE:	(505) 564-2281
FAX:	(505) 324-2022
BILL TO:	AES
COMPANY:	
ADDRESS:	

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) □MTBE □TMB □TPCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB □/DBCP □	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics □PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
CELL #1 @ 2.5'	8/28/6	1030	SOIL				X		X																					2
CELL #2 @ 2.5'	"	1050	"				X		X																					2
CELL #3 @ 2.5'	"	1105	"				X		X																					2

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION	PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS
PROJ. NO.:	(RUSH) □24hr* □48hr* □72hr* □ 1 WEEK (NORMAL) □ *NOT AVAILABLE ON ALL ANALYSES
PROJ. NAME: BMG LANDFRM	CERTIFICATION REQUIRED □ NM □ SDWA □ AZ □ OTHER
P.O. NO.:	METHANOL PRESERVATION □ METALS □ TOTAL □ DISSOLVED
SHIPPED VIA: UPS	COMMENTS: PROJECT: BMG CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY * 8021 BTEX. * INCLUDE TPH GRO + DRO EPA 8015

SAMPLE RECEIPT	
NO CONTAINERS	
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	
BLUE ICE/ICE	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Time: 1500	Signature: Time:
Printed Name: JIM COBURN Date: 8/29/06	Printed Name: Date:
Company: AES	Company:
See Reverse side (Force Majeure)	
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Time:
Printed Name: Date:	Printed Name: Date:
Company:	Pinnacle Laboratories Inc

AES Animas Environmental Services, LLC

624 E. Comanche . Farmington, NM 87401 . TEL 505-564-2281 . FAX 505-324-2022 . www.animasenvironmental.com

AUG 18 2006

August 16, 2006

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of June 2006 Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On June 7, 2006, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from the active treatment cells. Sample collection depths for the three treatment cells sampled was 2.5 feet below surface grade. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed at the time the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 8015 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection with materials and equipment supplied by the laboratory. Additionally, as required annually, one sample was also collected from each location for analysis of major cations and anions. These analyses included: 1) pH per EPA Method 150.1; 2) Forms of alkalinity and total alkalinity as $CaCO_3$ per EPA Method 310.1; 3) specific conductance per EPA Method 120.1; 4) chloride, sulfate as SO_4, and fluoride per EPA Method 300.0; and 5) metals per EPA Method 6010/6020.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, treatment cells #1, #2, and #3 are in use and are being tilled on a frequent basis. Cell

#4 is not in use. Laboratory analytical results for all samples are presented on Figure 1. Laboratory analytical reports are also attached.

The next monitoring and sampling event is scheduled to be completed during the week of August 21, 2006. If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Elizabeth McNally at (505) 564-2281.

Sincerely,

Ross Kennemer
Project Manager

Attachments: Figure 1. Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2006/BMG/Landfarm Sampling/gcbmg081606

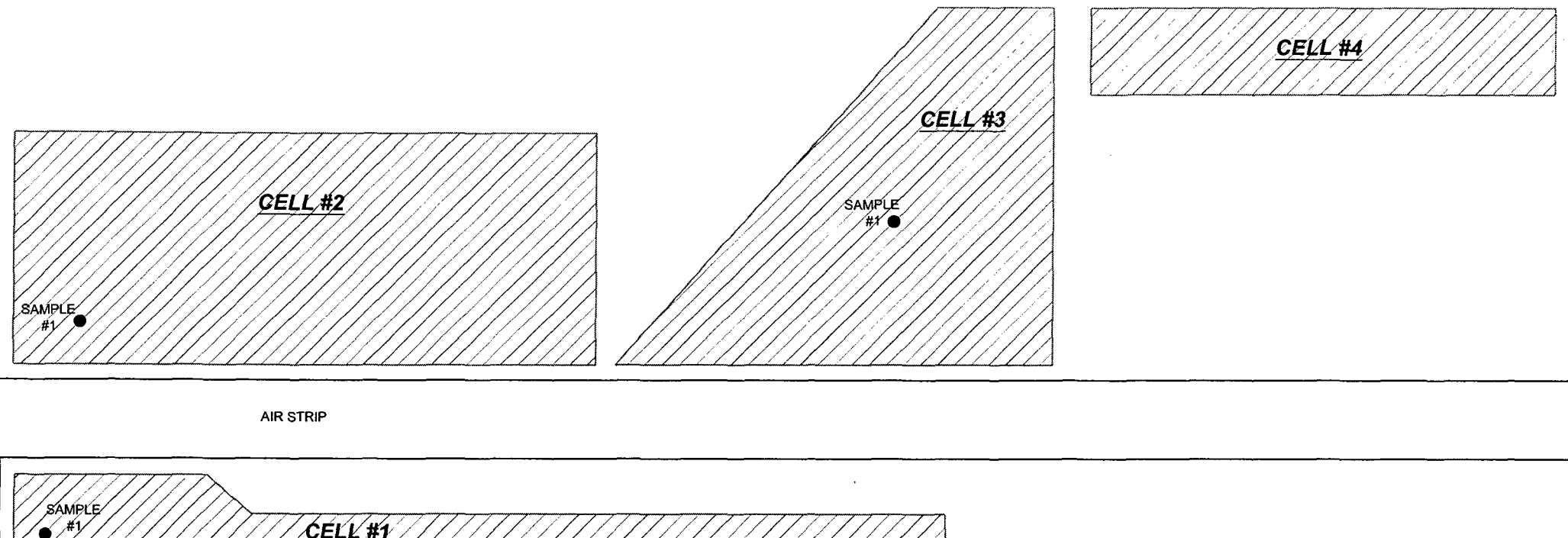

TABLE 1.
SUMMARY OF QUARTERLY
TREATMENT ZONE MONITORING
JUNE 2006

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL BENZENE (MG/KG)	XYLENE (MG/KG)	FUEL HYDROCARBONS	
									C6-C10 (MG/KG)	C10-C36 (MG/KG)
CELL #1	#1	N 36° 23.369' W 106° 52.035'	06/07/06	2.5	<0.025	<0.025	<0.025	<0.10	<10	<10
CELL #2	#1	N 36° 23.397' W 106° 52.020'	06/07/06	2.5	<0.025	0.053	<0.025	<0.10	<10	<10
CELL #3	#1	N 36° 23.349' W 106° 51.776'	06/07/06	2.5	<0.025	<0.025	<0.025	<0.10	<10	<10
CELL #4		NOT IN USE, NO SAMMPLE								

TABLE 1A.
SUMMARY OF QUARTERLY
TREATMENT ZONE MONITORING
JUNE 2006

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	pH	BICARBONATE (MG/L)	CARBONATE (MG/L)	ALKALINITY AS CaCO3 (MG/L)	SPECIFIC CONDUCTANCE (UMHOS/CM)	CHLORIDE (MG/L)	SULFATE AS SO4 (MG/L)	FLORIDE (MG/L)	CALCIUM (MG/KG)	MAGNESIUM (MG/KG)	SODIUM (MG/KG)
CELL #1	#1	N 36° 23.369' W 106° 52.035'	06/07/06	2.5	7.69	473	109	477	42.8	33.7	13.2	NA	2,780	1,340	<50
CELL #2	#1	N 36° 23.397' W 106° 52.020'	06/07/06	2.5	7.75	606	162	610	64.1	20.4	9.31	NA	1,950	979	<50
CELL #3	#1	N 36° 23.349' W 106° 51.776'	06/07/06	2.5	9.12	902	<50	903	54.2	26.3	23.5	2.92	2,140	1,110	<50
CELL #4		NOT IN USE, NO SAMMPLE													

FIGURE 1

LANDFARM WITH TREATMENT ZONE MONITORING LOCATIONS JUNE 2006

BMG
CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
NW1/4, NW1/4, SEC. 20, T25N, R1E,
RIO ARRIBA, CO., NM

Drn. By: NCW Date: 07/24/06
Rev. By: Date:
file:06/bmg/landfarm/dwg/060806sampling.dwg

AES
Animas Environmental Services, LLC

LEGEND

● SAMPLE COLLECTION POINT

SCALE
150 0 150
75
(1 INCH = 150 FEET)

N

PINNACLE LABS
Environmental Testing

Pinnacle Lab ID number **606075**
June 30, 2006

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name BMG COU LANDFARM
Project Number (NONE)

Attention: ROSS KENNEMER

On 06/09/06 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8015 GRO/DRO and 8021 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Flowers Chemical Laboratories, Inc. Altamonte Springs, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

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www.pinnaclelabs.org www.pinnaclelabsonline.com

PINNACLE LABS
Environmental Testing

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 606075
PROJECT #	: (NONE)	DATE RECEIVED	: 06/09/06
PROJECT NAME	: BMG COU LANDFARM	REPORT DATE	: 06/30/06

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
606075 - 01	CELL #3 @ 2.5'	NON-AQ	06/07/06
606075 - 02	CELL #2 @ 2.5'	NON-AQ	06/07/06
606075 - 03	CELL #1 @ 2.5'	NON-AQ	06/07/06

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG COU LANDFARM

PINNACLE I.D. : 606075
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #3 @ 2.5'	NON-AQ	06/07/06	06/13/06	06/16/06	1
02	CELL #2 @ 2.5'	NON-AQ	06/07/06	06/13/06	06/16/06	1
03	CELL #1 @ 2.5'	NON-AQ	06/07/06	06/13/06	06/16/06	1

PARAMETER	DET. LIMIT	UNITS	CELL #3 @ 2.5'	CELL #2 @ 2.5'	CELL #1 @ 2.5'
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	**0.025**	**MG/KG**	< 0.025	**0.053**	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.10	MG/KG	< 0.10	< 0.10	< 0.10
SURROGATE: BROMOFLUOROBENZENE (%)			106	109	111
SURROGATE LIMITS	(65 - 120)				

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8021B	PINNACLE I.D.	: 606075
BLANK I.D.	: 061306	DATE EXTRACTED	: 06/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/16/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.10
SURROGATE:		
BROMOFLUOROBENZENE (%)		89
SURROGATE LIMITS	(80 - 120)	

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 606075
BATCH ID	: 061306	DATE EXTRACTED	: 06/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/16/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.19	119	1.08	108	10	(68 - 120)	20
TOLUENE	<0.025	1.00	1.18	118	1.07	107	10	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.18	118	1.07	107	10	(49 - 127)	20
TOTAL XYLENES	<0.10	3.00	3.53	118	3.19	106	10	(58 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 606075
SAMPLE ID	: 606075-02	DATE EXTRACTED	: 06/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/16/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.03	103	1.04	104	1	(68 - 120)	20
TOLUENE	**0.053**	1.00	1.02	97	1.04	99	2	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.01	101	1.04	104	3	(49 - 127)	20
TOTAL XYLENES	<0.10	3.00	3.04	101	3.09	103	2	(58 - 120)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015B GRO
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG COU LANDFARM

PINNACLE I.D. : 606075
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #3 @ 2.5'	NON-AQ	06/07/06	06/13/06	06/19/06	1
02	CELL #2 @ 2.5'	NON-AQ	06/07/06	06/13/06	06/19/06	1
03	CELL #1 @ 2.5'	NON-AQ	06/07/06	06/13/06	06/19/06	1

PARAMETER	DET. LIMIT	UNITS	CELL #3 @ 2.5'	CELL #2 @ 2.5'	CELL #1 @ 2.5'
FUEL HYDROCARBONS	10	MG/KG	< 10	< 10	< 10
HYDROCARBON RANGE			C6-C10	C6-C10	C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE	GASOLINE	GASOLINE

CHEMIST NOTES:
N/A

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Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 606075
BLANK I.D.	: 061306	DATE EXTRACTED	: 06/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/19/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	ANALYST	: BP

PARAMETER	UNITS	
FUEL HYDROCARBONS	MG/KG	<10
HYDROCARBON RANGE		C6-C10
HYDROCARBONS QUANTITATED USING		GASOLINE

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 606075
BATCH ID	: 061306	DATE EXTRACTED	: 06/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/19/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	49.8	100	47.4	95	5	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING		GASOLINE							

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 606075
SAMPLE ID	: 606075-02	DATE EXTRACTED	: 06/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/19/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	42.0	84	44.4	89	6	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING GASOLINE									

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG COU LANDFARM

PINNACLE I.D. : 606075
ANALYST : AE

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #3 @ 2.5'	NON-AQ	06/07/06	06/14/06	06/14/06	1
02	CELL #2 @ 2.5'	NON-AQ	06/07/06	06/14/06	06/14/06	1
03	CELL #1 @ 2.5'	NON-AQ	06/07/06	06/14/06	06/15/06	1

PARAMETER	DET. LIMIT	UNITS	CELL #3 @ 2.5'	CELL #2 @ 2.5'	CELL #1 @ 2.5'
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C22-C36	10	MG/KG	< 10	< 10	< 10
CALCULATED SUM:			< 10	< 10	< 10
SURROGATE:					
O-TERPHENYL (%)			86	88	74
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 606075
BLANK I.D.	: 061406	DATE EXTRACTED	: 06/14/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/14/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	ANALYST	: AE

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 10

SURROGATE:		
O-TERPHENYL (%)		83
SURROGATE LIMITS	(70-130)	

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 606075
BATCH ID	: 061606	DATE EXTRACTED	: 06/14/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/14/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED BLANK	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	214	107	202	101	6	(75-125)	20
HYDROCARBON RANGE		C10-C32							
HYDROCARBONS QUANTITATED USING		DIESEL FUEL							

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 606075
SAMPLE ID	: 606075-02	DATE EXTRACTED	: 06/14/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/14/2006-06/15/2006
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG COU LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	156	78	175	88	11	(70-130)	20
HYDROCARBON RANGE		C10-C32							
HYDROCARBONS QUANTITATED USING		DIESEL FUEL							

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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Pinnacle Laboratories
2709 D Pan American Freeway NE
Albuquerque,NM 87107

PO #: 606075
Client Project #: AES
Date Sampled: Jun 7, 2006
Jun 23, 2006; Invoice: 17741

Report Summary

Date Received: Jun 13, 2006

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
17741SO1	Cell#3@2.5'/606075-01	EPA120.1	LCC	Main Lab	Soil
		EPA150.1	LCC	Main Lab	
		EPA160.1	RMV	Main Lab	
		EPA300.0	YGS	Main Lab	
		EPA310.1	LCC	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7471	EVB	Main Lab	
17741SO2	Cell#2@2.5'/606075-02	EPA120.1	LCC	Main Lab	Soil
		EPA150.1	LCC	Main Lab	
		EPA160.1	RMV	Main Lab	
		EPA300.0	YGS	Main Lab	
		EPA310.1	LCC	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7471	EVB	Main Lab	
17741SO3	Cell#1@2.5'/606075-03	EPA120.1	LCC	Main Lab	Soil
		EPA150.1	LCC	Main Lab	
		EPA160.1	RMV	Main Lab	
		EPA300.0	YGS	Main Lab	
		EPA310.1	LCC	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7471	EVB	Main Lab	

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.

ACCREDITED IN ACCORDANCE WITH nelac

Jefferson S. Flowers, Ph.D.
President/Technical Director

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Pinnacle Laboratories
2709 D Pan American Freeway NE
Albuquerque,NM 87107

PO #: 606075
Client Project #: AES
Date Sampled: Jun 7, 2006
Jun 23, 2006; Invoice: 17741

Analysis Report

Lab #: 17741SO1 **Sampled:** 06/07/06 01:10 PM **Desc:** Cell#3@2.5'/606075-01

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Mercury	0.0381	mg/Kg	1.00	0.0100	0.0200	10061124	EPA7471	7439-97-6	06/15/06
Calcium	2140	mg/Kg	1.00	10.0	20.0	10063866	EPA6010	7440-70-2	06/14/06
Magnesium	1110	mg/Kg	1.00	1.00	2.00	10063866	EPA6010	7439-95-4	06/14/06
Potassium	816	mg/Kg	1.00	10.0	20.0	10063866	EPA6010	7440-09-7	06/14/06
Sodium	50.0 U	mg/Kg	1.00	50.0	100	10063866	EPA6010	7440-23-5	06/14/06
Arsenic	1.58	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-38-2	06/14/06
Barium	74.9	mg/Kg	1.00	0.200	0.400	10063891	EPA6020	7440-39-3	06/14/06
Cadmium	0.100 U	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-43-9	06/14/06
Chromium	4.82	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-47-3	06/14/06
Lead	4.67	mg/Kg	1.00	0.100	0.200	10063891	EPA6020	7439-92-1	06/14/06
Selenium	0.200 U	mg/Kg	1.00	0.200	0.400	10063891	EPA6020	7782-49-2	06/14/06
Silver	0.0500 U	mg/Kg	1.00	0.0500	0.100	10063891	EPA6020	7440-22-4	06/14/06
Specific_Conductance	54.2	umhos/cm	1.00			10064089	EPA120.1	10-34-4	06/16/06
TDS	5460	mg/L	1.00			10064108	EPA160.1	10-33-3	06/15/06
Chloride	26.3	mg/L	9.92			10064445	EPA300.0	16887-00-6	06/21/06
Lab pH (units)	9.12	pH	1.00	0.0100	0.0100	10064448	EPA150.1	39-38-4	06/16/06 10:00 AM
Sulfate	23.5	mg/L	9.92			10064450	EPA300.0	14808-79-8	06/21/06
Fluoride	2.92 I	mg/L	9.92	1.98	3.97	10064454	EPA300.0	16984-48-8	06/21/06
Bicarbonate Alkalinity	902	mg/L	50.0	50.0	100	10064490	EPA310.1	E1640226	06/16/06
Carbonate Alkalinity	50.0 U	mg/L	50.0	50.0	100	10064490	EPA310.1	3812-32-6	06/16/06
Total Alkalinity CaCO3	903	mg/L	50.0	50.0	100	10064490	EPA310.1	T-005	06/16/06

Lab #: 17741SO2 **Sampled:** 06/07/06 01:36 PM **Desc:** Cell#2@2.5'/606075-02

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Mercury	0.0140 I	mg/Kg	1.00	0.0100	0.0200	10061124	EPA7471	7439-97-6	06/15/06
Calcium	1950	mg/Kg	1.00	10.0	20.0	10063866	EPA6010	7440-70-2	06/14/06
Magnesium	979	mg/Kg	1.00	1.00	2.00	10063866	EPA6010	7439-95-4	06/14/06

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Pinnacle Laboratories
2709 D Pan American Freeway NE
Albuquerque,NM 87107

PO #: 606075
Client Project #: AES
Date Sampled: Jun 7, 2006
Jun 23, 2006; Invoice: 17741

Lab #: 17741SO2 **Sampled:** 06/07/06 01:36 PM **Desc:** Cell#2@2.5'/606075-02

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Potassium	517	mg/Kg	1.00	10.0	20.0	10063866	EPA6010	7440-09-7	06/14/06	
Sodium	50.0 U	mg/Kg	1.00	50.0	100	10063866	EPA6010	7440-23-5	06/14/06	
Arsenic	11.9	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-38-2	06/14/06	
Barium	83.1	mg/Kg	1.00	0.200	0.400	10063891	EPA6020	7440-39-3	06/14/06	
Cadmium	0.100 U	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-43-9	06/14/06	
Chromium	3.62	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-47-3	06/14/06	
Lead	4.86	mg/Kg	1.00	0.100	0.200	10063891	EPA6020	7439-92-1	06/14/06	
Selenium	0.200 U	mg/Kg	1.00	0.200	0.400	10063891	EPA6020	7782-49-2	06/14/06	
Silver	0.0500 U	mg/Kg	1.00	0.0500	0.100	10063891	EPA6020	7440-22-4	06/14/06	
Specific_Conductance	64.1	umhos/cm	1.00			10064089	EPA120.1	10-34-4	06/16/06	
TDS	1140	mg/L	1.00			10064108	EPA160.1	10-33-3	06/15/06	
Chloride	20.4	mg/L	9.51			10064445	EPA300.0	16887-00-6	06/21/06	
Lab pH (units)	7.75	pH	1.00	0.0100	0.0100	10064448	EPA150.1	39-38-4	06/16/06	10:00 AM
Sulfate	9.31	mg/L	9.51			10064450	EPA300.0	14808-79-8	06/21/06	
Fluoride		mg/L	9.51	1.90	3.80	10064454	EPA300.0	16984-48-8	06/21/06	
Bicarbonate Alkalinity	606	mg/L	50.0	50.0	100	10064490	EPA310.1	E1640226	06/16/06	
Carbonate Alkalinity	162	mg/L	50.0	50.0	100	10064490	EPA310.1	3812-32-6	06/16/06	
Total Alkalinity CaCO3	610	mg/L	50.0	50.0	100	10064490	EPA310.1	T-005	06/16/06	

Lab #: 17741SO3 **Sampled:** 06/07/06 02:00 PM **Desc:** Cell#1@2.5'/606075-03

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Mercury	0.0151 I	mg/Kg	1.00	0.0100	0.0200	10061124	EPA7471	7439-97-6	06/15/06
Calcium	2780	mg/Kg	1.00	10.0	20.0	10063866	EPA6010	7440-70-2	06/14/06
Magnesium	1340	mg/Kg	1.00	1.00	2.00	10063866	EPA6010	7439-95-4	06/14/06
Potassium	789	mg/Kg	1.00	10.0	20.0	10063866	EPA6010	7440-09-7	06/14/06
Sodium	50.0 U	mg/Kg	1.00	50.0	100	10063866	EPA6010	7440-23-5	06/14/06
Arsenic	3.93	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-38-2	06/14/06
Barium	77.3	mg/Kg	1.00	0.200	0.400	10063891	EPA6020	7440-39-3	06/14/06
Cadmium	0.100 U	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-43-9	06/14/06

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PO #: 606075
Client Project #: AES
Date Sampled: Jun 7, 2006
Jun 23, 2006; Invoice: 17741

Lab #: 17741SO3 Sampled: 06/07/06 02:00 PM**Desc:** Cell#1@2.5'/606075-03

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chromium	4.75	mg/Kg	1.00	0.100	0.100	10063891	EPA6020	7440-47-3	06/14/06	
Lead	5.42	mg/Kg	1.00	0.100	0.200	10063891	EPA6020	7439-92-1	06/14/06	
Selenium	0.200 U	mg/Kg	1.00	0.200	0.400	10063891	EPA6020	7782-49-2	06/14/06	
Silver	0.0500 U	mg/Kg	1.00	0.0500	0.100	10063891	EPA6020	7440-22-4	06/14/06	
Specific_Conductance	42.8	umhos/cm	1.00			10064089	EPA120.1	10-34-4	06/16/06	
TDS	3400	mg/L	1.00			10064108	EPA160.1	10-33-3	06/15/06	
Chloride	33.7	mg/L	9.16			10064445	EPA300.0	16887-00-6	06/21/06	
Lab pH (units)	7.69	pH	1.00	0.0100	0.0100	10064448	EPA150.1	39-38-4	06/16/06	10:00 AM
Sulfate	13.2	mg/L	9.16			10064450	EPA300.0	14808-79-8	06/21/06	
Fluoride		mg/L	9.16	1.83	3.66	10064454	EPA300.0	16984-48-8	06/21/06	
Bicarbonate Alkalinity	473	mg/L	50.0	50.0	100	10064490	EPA310.1	E1640226	06/16/06	
Carbonate Alkalinity	109	mg/L	50.0	50.0	100	10064490	EPA310.1	3812-32-6	06/16/06	
Total Alkalinity CaCO3	477	mg/L	50.0	50.0	100	10064490	EPA310.1	T-005	06/16/06	

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Date Sampled: Jun 7, 2006
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Quality Report

Quality Control Batch: 10061124 **Analyst: EVB**

Blank	Result	Units
Mercury	0.000200U	mg/Kg

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Mercury	0.984	mg/Kg	1.00	98.40	64.89-136.65

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Mercury	0.515	mg/Kg	0.500	103.01	50.07-153.27	0.000200U

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.515	mg/Kg	0.500	103.01	50.07-153.27	0.000200U	0.00	26.10

Quality Control Batch: 10063866 **Analyst: EVB**

Blank	Result	Units
Calcium	0.100U	mg/Kg
Magnesium	0.0100U	mg/Kg
Potassium	0.100U	mg/Kg

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Calcium	10.0	mg/Kg	10.0	100.25	55.52-137.36
Magnesium	10.1	mg/Kg	10.0	100.80	55.52-137.36
Potassium	10.5	mg/Kg	10.0	105.31	52.34-140.54

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Calcium	28.0	mg/Kg	5.00	128.03	46.29-151.41	21.6
Magnesium	16.7	mg/Kg	5.00	110.02	46.30-151.42	11.2
Potassium	11.2	mg/Kg	5.00	60.13	42.75-154.17	8.24

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Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Calcium	28.5	mg/Kg	5.00	137.83	46.29-151.41	21.6	1.74	20.89
Magnesium	17.2	mg/Kg	5.00	119.95	46.30-151.42	11.2	2.93	20.89
Potassium	12.6	mg/Kg	5.00	86.62	42.75-154.17	8.24	11.12	24.54

Quality Control Batch: 10064445 **Analyst:** YGS

Blank	Result	Units
Chloride	0.400U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Chloride	1.92	mg/L	2.00	95.91	48.10-144.64

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Chloride	1.73	mg/L	2.00	87.94	53.92-143.74	-0.0320

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chloride	1.44	mg/L	2.00	73.67	53.92-143.74	-0.0320	18.01	24.54

Quality Control Batch: 10064448 **Analyst:** LCC

Blank	Result	Units
Lab pH (units)	0.0100U	pH

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Lab pH (units)	7.02	pH	7.00	100.21	49.97-140.15

Quality Control Batch: 10064450 **Analyst:** YGS

Blank	Result	Units

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Quality Control Batch: 10064450 **Analyst: YGS**

Blank	Result	Units
Sulfate	1.00U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Sulfate	4.26	mg/L	4.00	106.59	48.05-142.91

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Sulfate	3.09	mg/L	2.50	108.52	46.14-150.78	0.375

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Sulfate	3.07	mg/L	2.50	107.97	46.14-150.78	0.375	0.45	21.92

Quality Control Batch: 10064454 **Analyst: YGS**

Blank	Result	Units
Fluoride	0.200U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Fluoride	0.836	mg/L	0.800	104.51	53.24-140.18

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Fluoride	0.423	mg/L	0.500	89.88	42.86-154.28	-0.0264

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Fluoride	0.644	mg/L	0.500	133.98	42.86-154.28	-0.0264	41.35	24.49

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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted. Sample results reported as dissolved were field filtered.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Additional Comments

The inorganic parameters are reported in ppm (mg/L), based upon a 1:1 ratio of soil to DI water. The aqueous portion was analyzed with appropriate dilutions indicated.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	One or more QC samples associated with this data value exceeded QC limits.
J1	Surrogate recovery limits have been exceeded.
J2	No known quality control criteria exist for the component.
J3	Reported value failed to meet established quality control criteria for either precision or accuracy.
J4	Sample matrix interfered with the ability to make an accurate determination on the spiked sample.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
ZTNTC	Too numerous to count. Numeric value represents filtration volume.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Pinnacle Laboratories, Inc.

Interlab Chain of Custody

Date: 6/12/06 Page: 1 of 1

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
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Albuquerque, NM 87107
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ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA + Ca, Mg, K, Na	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)		TOC	Gen Chemistry: F, Cl, SO4, TDS	Bicarb/Carb, pH	Conductivity	Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
Cell #3 @ 2.5' / 606075-01	6/7/06	1310	NAQ	177150	X							X	X	X														3
Cell #2 @ 2.5' / 606075-02	↓	1336	↓	177150	X							X	X	X														3
Cell #1 @ 2.5' / 606075-03	↓	1400	↓	177150	X							X	X	X														3

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:	
PROJECT #:	606075	Total Number of Containers		PENSACOLA - STL-FL	
PROJ. NAME:	AES	Chain of Custody Seals		ESL - OR	
QC LEVEL:	(STD.) IV	Received Intact?		ATEL - AZ	
QC REQUIRED:	(MS) MSD BLANK	Received Good Cond./Cold		ATEL - MARION	
TAT:	(STANDARD) RUSH!!	LAB NUMBER:		ATEL - MELMORE	
				FCL	X
DUE DATE:	6/23	COMMENTS:		EHL	
RUSH SURCHARGE:	—			GEL	
CLIENT DISCOUNT:	—			WCAS	
SPECIAL CERTIFICATION REQUIRED:	YES (NO)	1.9°1		WOHL	

RELINQUISED BY: 1.	RELINQUISED BY: 2.
Signature: Francine Tenorio Time: 1300	Signature: Time:
Printed Name: Francine Tenorio Date: 6/12/06	Printed Name: Date:
Pinnacle Laboratories, Inc.	Company
RECEIVED BY: 1.	**RECEIVED BY: 2.**
Signature: Time:	Signature: Time: 0921
Printed Name: Date:	Printed Name: Date: 6/13/06
Company	Company Fa

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 6-8-06 PAGE: 1 OF 1

PLI Accession #: 060075

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animas Environmental

ADDRESS: 624 E Comanche
Farmington, NM 87401

PHONE: 564-2281

FAX: 324-2022

BILL TO: AES

COMPANY:

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.
Cell #3 @ 2.5'	6-7-06	1310	Soil	01
Cell #2 @ 2.5'	6-7-06	1336	Soil	02
Cell #1 @ 2.5'	6-7-06	1400	Soil	03

	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	8015	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) [redacted]	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry: Major Cations & Anions – TDS	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals: RCRA & Hem's Metals – TDS	NUMBER OF CONTAINERS
01			X			X														X					X	4
02			X			X														X					X	4
03			X			X														X					X	4

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.:

PROJ. NAME: BMG Cou Land farm

P.O. NO.:

SHIPPED VIA: UPS

SAMPLE RECEIPT

NO. CONTAINERS	9
CUSTODY SEALS	Y / N (NA)
RECEIVED INTACT	Y / N
BLUE ICE/ICE	Y / N

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ~~☒~~ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS: ☒ 6/9/06

RELINQUISHED BY: 1.

Signature: Ross Kennemer Time: 1055

Printed Name: Ross Kennemer Date: 6-8-06

Company:

See Reverse side (Force Majeure)

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 1130

Printed Name: Date: 6/9/06

Pinnacle Laboratories Inc.

AES Animas Environmental Services, LLC

624 E. Comanche . Farmington, NM 87401 . TEL 505-564-2281 . FAX 505-324-2022 . www.animasenvironmental.com

June 2, 2006

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of March 2006 Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On March 7, 2006, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico. This is the first quarterly monitoring and sampling event since the facility was returned to operation in February 2006.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the three operating treatment cells. Samples were collected at two feet below surface grade from each treatment cell. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed before the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 8015 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection, with materials supplied by the analyzing laboratory.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, it is apparent that Treatment Cells #1, #2, and #3 have received hydrocarbon contaminated soils, which have been thin-spread and tilled on a frequent basis. Soils within these cells were very loose, and no weeds or other vegetation, which would indicate infrequent tilling, were observed. As observed during previous sampling events, Treatment Cell #4 appears to be inactive.

Laboratory analytical results for BTEX on all samples collected were below the laboratory method detection limit. Laboratory analytical results for TPH from Cell #1 and Cell #2 were 18 mg/kg and 52 mg/kg, respectively, while the TPH results from Cell #3 were below the method detection limit. Note that the TPH sample for Cell #3 was analyzed past the 14 day hold time. Analytical results for each sampling point have been summarized and are included in Table 1 and on Figure 1. Laboratory analytical reports are also attached.

The next sampling event is scheduled for June 7, 2006. During this event, in addition to TPH and BTEX samples, samples will also be collected for analysis of major cations/anions and RCRA 8 metals, as required by the NMOCD permit for the facility.

If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Elizabeth McNally at (505) 564-2281.

Sincerely,

Ross Kennemer
Project Manager

Attachments: Table 1. Summary of Soil Analytical Results
Figure 1. Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2006/BMG/Landfarm Sampling/gcbmg050806.doc

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS PER EPA METHOD 8021 AND 8015
BMG's Centralized Surface Waste Management Facility
Rio Arriba County, New Mexico

Landfarm I.D.	Sample I.D.	Sample Location	Sample Date	Sample Depth (ft)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	Fuel Hydrocarbons (C6-C10) (mg/kg)	Fuel Hydrocarbons (C10-C36) (mg/kg)
Cell #1	#1	N 36° 23.371' W 106° 52.031'	3/7/2006	2	<0.025	<0.025	<0.025	<0.10	<10	18
Cell #2	#1	N 36° 23.386' W 106° 52.932'	3/7/2006	2	<0.025	<0.025	<0.025	<0.10	<10	52
Cell #3	#1	N 36° 23.351' W 106° 51.882'	3/7/2006	2	<0.025	<0.025	<0.025	<0.10	<10	NA
Cell #4		Not Sampled	Treatment cell appears to be inactive							

Note 3/7/06 TPH for Cell #3 was analyzed past the 14 day hold time.**
Insufficient sample available for extraction with 8015B QC.
Blank and sample from BTEX extraction used.

Benzene, Toulene, Ethyl-benzene, and Xylene (BTEX) per EPA Method 8021
Fuel Hydrocarbons - (C6-C10) per EPA Method 8015
Fuel Hydrocarbons - (C10-C36) per EPA Method 8015

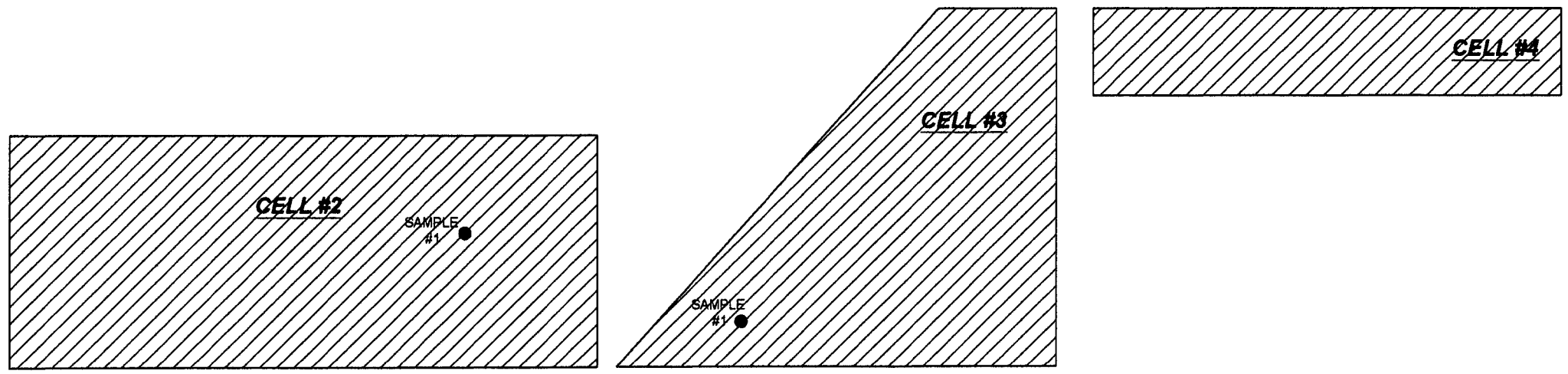

FIGURE 1

LANDFARM WITH TREATMENT ZONE MONITORING LOCATIONS MARCH 2006

BMG
CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
NW1/4, NW1/4, SEC. 20, T25N, R1E,
RIO ARRIBA, CO., NM

Drn. By:	NCW	Date:	04/24/06
Rev. By:		Date:	

file:06/bmg/landfarm/dwg/030706sampling.dwg

AES
Animas Environmental Services, LLC

LEGEND

● SAMPLE COLLECTION POINT

NOTE: BTEX ANALYZED PER EPA METHOD 8021 AND FUEL HYDROCARBONS ANALYZED PER EPA METHOD 8015. ALL RESULTS REPORTED AS MG/KG OR PPM.

SCALE
150 0 150
75
(1 INCH = 150 FEET)

N

TABLE 1.
SUMMARY OF QUARTERLY TREATMENT ZONE MONITORING MARCH 2006

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL BENZENE (MG/KG)	XYLENE (MG/KG)	FUEL HYDROCARBONS	
									C6-C10 (MG/KG)	C10-C36 (MG/KG)
CELL #1	#1	N 36° 23.371' W 106° 52.031'	03/07/06	2	<0.025	<0.025	<0.025	<0.10	<10	18
CELL #2	#1	N 36° 23.386' W 106° 52.932'	03/07/06	2	<0.025	<0.025	<0.025	<0.10	<10	52
CELL #3	#1	N 36° 23.351' W 106° 51.882'	03/07/06	2	<0.025	<0.025	<0.025	<0.10	<10	NA
CELL #4		NOT IN USE, NO SAMMPLE								

PINNACLE LABS
Environmental Testing

Pinnacle Lab ID number **603042**
March 31, 2006

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name BMG C.O.U LAND FARM
Project Number (NONE)

Attention: ROSS KENNEMER

On 03/09/06 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

Per the request of the client, 8015 DRO & GRO analysis were added after sample receipt. While insufficient sample was available for sample 603042-03, GRO data was obtained from the 8021 extract.

EPA Method 9071B was analyzed by Severn Trent Services, Pensacola, FL.

All other samples were analyzed by Pinnacle Laboratories, Inc., Albuquerque, NM.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABS
Environmental Testing

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 603042
PROJECT #	: (NONE)	DATE RECEIVED	: 03/09/06
PROJECT NAME	: BMG C.O.U LAND FARM	REPORT DATE	: 03/31/06

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
603042 - 01	CELL #1 SAMPLE #1 @ 2'	NON-AQ	03/07/06
603042 - 02	CELL #2 SAMPLE #1 @ 2'	NON-AQ	03/07/06
603042 - 03	CELL #3 SAMPLE #1 @ 2'	NON-AQ	03/07/06

PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST	: EPA 8015B GRO - METHANOL PRESERVATION		
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 603042
PROJECT #	: (NONE)	ANALYST	: BP
PROJECT NAME	: BMG C.O.U LAND FARM		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 SAMPLE #1 @ 2'	NON-AQ	03/07/06	NA	03/20/06	1
02	CELL #2 SAMPLE #1 @ 2'	NON-AQ	03/07/06	NA	03/20/06	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 SAMPLE #1 @ 2'	CELL #2 SAMPLE #1 @ 2'
FUEL HYDROCARBONS	10	MG/KG	< 10	< 10
HYDROCARBON RANGE			C6-C10	C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE	GASOLINE
DRY WEIGHT (%)			87	91

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 603042
BLANK I.D.	: 032006	DATE EXTRACTED	: NA
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/20/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG C.O.U LAND FARM	ANALYST	: BP

PARAMETER	UNITS	
FUEL HYDROCARBONS	MG/KG	<10
HYDROCARBON RANGE		C6-C10
HYDROCARBONS QUANTITATED USING		GASOLINE

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 603042
BATCH ID	: 032006	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/20/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	49.9	100	48.1	96	4	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING	GASOLINE								

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 603042
SAMPLE ID	: 603043-05	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/20/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	50.0	48.9	98	48.9	98	0	(70 - 130)	20
HYDROCARBON RANGE		C6-C10							
HYDROCARBONS QUANTITATED USING	GASOLINE								

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015B GRO
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG C.O.U LAND FARM

PINNACLE I.D. : 603042
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
03	CELL #3 SAMPLE #1 @ 2'	NON-AQ	03/07/06	03/13/06	03/22/06	1

PARAMETER	DET. LIMIT	UNITS	CELL #3 SAMPLE #1 @ 2'
FUEL HYDROCARBONS	10	MG/KG	< 10 - **H1**
HYDROCARBON RANGE			C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE

CHEMIST NOTES:
H1 = Sample was ananlyzed past the 14 day hold time.
Insufficient sample available for extraction with 8015B QC. Blank and sample from BTEX extraction used.

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Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8015B GRO	PINNACLE I.D.	: 603042
BLANK I.D.	: 031306	DATE EXTRACTED	: 03/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/21/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG C.O.U LAND FARM	ANALYST	: BP

PARAMETER	UNITS	
FUEL HYDROCARBONS	MG/KG	<10
HYDROCARBON RANGE		C6-C10
HYDROCARBONS QUANTITATED USING		GASOLINE

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG C.O.U LAND FARM

PINNACLE I.D. : 603042
ANALYST : DSR

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 SAMPLE #1 @ 2'	NON-AQ	03/07/06	03/21/06	03/22/06	1
02	CELL #2 SAMPLE #1 @ 2'	NON-AQ	03/07/06	03/21/06	03/22/06	1
03	CELL #3 SAMPLE #1 @ 2'	NON-AQ	03/07/06	N/A		

PARAMETER	DET. LIMIT	UNITS	CELL #1 SAMPLE #1 @ 2'	CELL #2 SAMPLE #1 @ 2'	CELL #3 SAMPLE #1 @ 2'
FUEL HYDROCARBONS, C6-C10	30	MG/KG	< 30	< 30	N/A
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10	**12**	
FUEL HYDROCARBONS, C22-C36	10	MG/KG	**18**	**40**	
CALCULATED SUM:			**18**	**52**	
SURROGATE:					
O-TERPHENYL (%)			89	84	
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
603042-03 could not be extracted due to insufficient sample volume.

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Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 603042
BLANK I.D.	: 032106	DATE EXTRACTED	: 03/21/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/22/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG C.O.U LAND FARM	ANALYST	: DSR

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 30
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 10

SURROGATE:		
O-TERPHENYL (%)		87
SURROGATE LIMITS	(70-130)	

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 603042
BATCH ID	: 032106	DATE EXTRACTED	: 03/21/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/22/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	BLANK RESULT	CONC SPIKE	SPIKED BLANK	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	191	96	178	89	7	(75-125)	20
HYDROCARBON RANGE		C10-C32							
HYDROCARBONS QUANTITATED USING		DIESEL FUEL							

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 603042
SAMPLE ID	: 603042-02	DATE EXTRACTED	: 03/21/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/22/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	12	200	188	88	201	95	7	(70-130)	20
HYDROCARBON RANGE		C10-C32							
HYDROCARBONS QUANTITATED USING		DIESEL FUEL							

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES PINNACLE I.D. : 603042
PROJECT # : (NONE) ANALYST : BP
PROJECT NAME : BMG C.O.U LAND FARM

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 SAMPLE #1 @ 2'	NON-AQ	03/07/06	NA	03/10/06	1
02	CELL #2 SAMPLE #1 @ 2'	NON-AQ	03/07/06	NA	03/10/06	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 SAMPLE #1 @ 2'	CELL #2 SAMPLE #1 @ 2'
BENZENE	0.025	MG/KG	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025
TOTAL XYLENES	0.10	MG/KG	< 0.10	< 0.10
SURROGATE:				
BROMOFLUOROBENZENE (%)			89	90
SURROGATE LIMITS	(80 - 120)			
DRY WEIGHT (%)			87	91

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021B	PINNACLE I.D.	: 603042
BLANK I. D.	: 031006	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/10/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG C.O.U LAND FARM	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.10
SURROGATE:		
BROMOFLUOROBENZENE (%)		87
SURROGATE LIMITS:		

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 603042
BATCH ID	: 031006	DATE EXTRACTED	: NA
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/10/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.01	101	1.01	101	0	(80 - 120)	20
TOLUENE	<0.025	1.00	0.945	95	0.944	94	0	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	0.949	95	0.949	95	0	(80 - 120)	20
TOTAL XYLENES	<0.10	3.00	3.11	104	3.10	103	0	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 603042
SAMPLE ID	: 603011-01	DATE EXRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/10/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.06	106	0.999	100	6	(80 - 120)	20
TOLUENE	<0.025	1.00	1.01	101	0.953	95	6	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.01	101	0.957	96	5	(80 - 120)	20
TOTAL XYLENES	<0.10	3.00	3.35	112	3.17	106	6	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG C.O.U LAND FARM

PINNACLE I.D. : 603042
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
03	CELL #3 SAMPLE #1 @ 2'	NON-AQ	03/07/06	03/13/06	03/13/06	1

PARAMETER	DET. LIMIT	UNITS	CELL #3 SAMPLE #1 @ 2'
BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.10	MG/KG	< 0.10

SURROGATE:
BROMOFLUOROBENZENE (%) 89
SURROGATE LIMITS (65 - 120)

CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY RESULTS
EXTRACTION BLANK

TEST	: EPA 8021B	PINNACLE I.D.	: 603042
BLANK I. D.	: 031306	DATE EXTRACTED	: 03/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/13/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG C.O.U LAND FARM	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.10

SURROGATE:
BROMOFLUOROBENZENE (%) 90
SURROGATE LIMITS: (80 - 120)
CHEMIST NOTES:
N/A

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 603042
BATCH ID	: 031306	DATE EXTRACTED	: 03/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/13/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	0.896	90	1.09	109	20	(68 - 120)	20
TOLUENE	<0.025	1.00	0.856	86	1.01	101	17	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	0.842	84	1.01	101	18	(49 - 127)	20
TOTAL XYLENES	<0.10	3.00	2.79	93	3.34	111	18	(58 - 120)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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PINNACLE LABS
Environmental Testing

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 603042
SAMPLE ID	: 603042-03	DATE EXRACTED	: 03/13/06
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/13/06
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG C.O.U LAND FARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	0.988	99	1.04	104	5	(68 - 120)	20
TOLUENE	<0.025	1.00	0.920	92	0.959	96	4	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	0.915	92	0.952	95	4	(49 - 127)	20
TOTAL XYLENES	<0.10	3.00	3.01	100	3.13	104	4	(58 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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SEVERN TRENT STL®

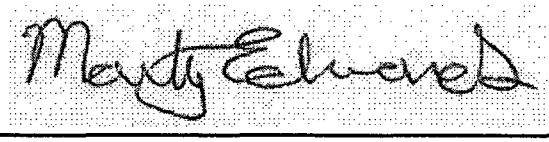
ANALYTICAL REPORT

Job Number: 400-9847-1

Job Description: 603042

For:
Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107

Attention: Mitch Rubenstein



Marty Edwards
Project Manager I
medwards@stl-inc.com
03/19/2006

Project Manager: Marty Edwards

 STL Pensacola Certifications and Approvals: Alabama (#40150), Arizona (#AZ0589), Arkansas (#88-0689), California (# 2510), Florida (#E81010), Florida CQAP (#980156), Illinois (#200041), Iowa (#367), Kansas (#E10253), Kentucky UST (#0053), Louisiana (#30748), Maryland (#233), Massachusetts (#M-FL094), Michigan (#9912), New Hampshire (#250502), New Jersey (#FL 006), North Carolina (#314), North Dakota (#R-108), Oklahoma (#9810), Pennsylvania (#68-467), South Carolina (#96026), Tennessee (#02907), Virginia (#00008), West Virginia (#136), USDA Foreign Soil Permit (#S-37599).

SEVERN TRENT STL®

METHOD SUMMARY

Client: Pinnacle Laboratories

Job Number: 400-9847-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
n-Hexane Extractable Material (HEM) for Sludge, Sediment, and Solid Samples	STL-PEN	SW846 9071B	
n-Hexane Extractable Material (HEM) for Sludge,	STL-PEN		SW846 9071B
Percent Moisture	STL-PEN	EPA 160.3	

LAB REFERENCES:

STL-PEN = STL-Pensacola

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SEVERN TRENT STL®

METHOD / ANALYST SUMMARY

Client: Pinnacle Laboratories

Job Number: 400-9847-1

Method	Analyst	Analyst ID
EPA 160.3	Boone, Shannon	SB
SW846 9071B	Tremmel, Rebecca	RT

SEVERN TRENT STL®

SAMPLE SUMMARY

Client: Pinnacle Laboratories

Job Number: 400-9847-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
400-9847-1	CELL #1 @ 2'/603042-01	Solid	03/07/2006 1605	03/10/2006 1000
400-9847-2	CELL #2 @ 2'/603042-02	Solid	03/07/2006 1628	03/10/2006 1000
400-9847-3	CELL #3 @ 2'/603042-03	Solid	03/07/2006 1644	03/10/2006 1000

SEVERN TRENT STL®

SAMPLE RESULTS

General Chemistry

Client Sample ID: CELL #1 @ 2'/603042-01

Lab Sample ID: 400-9847-1
Client Matrix: Solid

Date Sampled: 03/07/2006 1605
Date Received: 03/10/2006 1000

Analyte	Result	Qual	Units	RL	Dil	Method
HEM (Oil & Grease)	140		mg/Kg	50	1.0	9071B
	Anly Batch: 400-23030	Date Analyzed	03/15/2006 1230		DryWt Corrected: N	
	Prep Batch: 400-22977	Date Prepared:	03/15/2006 0748			
Percent Solids	87		Percent	0.10	1.0	160.3
	Anly Batch: 400-22848	Date Analyzed	03/11/2006 0000			

Client Sample ID: CELL #2 @ 2'/603042-02

Lab Sample ID: 400-9847-2
Client Matrix: Solid

Date Sampled: 03/07/2006 1628
Date Received: 03/10/2006 1000

Analyte	Result	Qual	Units	RL	Dil	Method
HEM (Oil & Grease)	320		mg/Kg	48	1.0	9071B
	Anly Batch: 400-23030	Date Analyzed	03/15/2006 1230		DryWt Corrected: N	
	Prep Batch: 400-22977	Date Prepared:	03/15/2006 0748			
Percent Solids	92		Percent	0.10	1.0	160.3
	Anly Batch: 400-22848	Date Analyzed	03/11/2006 0000			

Client Sample ID: CELL #3 @ 2'/603042-03

Lab Sample ID: 400-9847-3
Client Matrix: Solid

Date Sampled: 03/07/2006 1644
Date Received: 03/10/2006 1000

Analyte	Result	Qual	Units	RL	Dil	Method
HEM (Oil & Grease)	8500		mg/Kg	49	1.0	9071B
	Anly Batch: 400-23030	Date Analyzed	03/15/2006 1230		DryWt Corrected: N	
	Prep Batch: 400-22977	Date Prepared:	03/15/2006 0748			
Percent Solids	94		Percent	0.10	1.0	160.3
	Anly Batch: 400-22848	Date Analyzed	03/11/2006 0000			

SEVERN TRENT STL®

QUALITY CONTROL RESULTS

Client: Pinnacle Laboratories

Job Number: 400-9847-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:400-22848				
400-9847-1	CELL #1 @ 2'/603042-01	Solid	160.3	
400-9847-2	CELL #2 @ 2'/603042-02	Solid	160.3	
400-9847-3	CELL #3 @ 2'/603042-03	Solid	160.3	
Prep Batch: 400-22977				
LCS 400-22977/17-B	Lab Control Spike	Solid	9071B	
MB 400-22977/18-B	Method Blank	Solid	9071B	
400-9847-1	CELL #1 @ 2'/603042-01	Solid	9071B	
400-9847-2	CELL #2 @ 2'/603042-02	Solid	9071B	
400-9847-3	CELL #3 @ 2'/603042-03	Solid	9071B	
400-9891-A-1-B MS	Matrix Spike	Solid	9071B	
400-9891-A-1-C MSD	Matrix Spike Duplicate	Solid	9071B	
Analysis Batch:400-23030				
LCS 400-22977/17-B	Lab Control Spike	Solid	9071B	400-22977
MB 400-22977/18-B	Method Blank	Solid	9071B	400-22977
400-9847-1	CELL #1 @ 2'/603042-01	Solid	9071B	400-22977
400-9847-2	CELL #2 @ 2'/603042-02	Solid	9071B	400-22977
400-9847-3	CELL #3 @ 2'/603042-03	Solid	9071B	400-22977
400-9891-A-1-B MS	Matrix Spike	Solid	9071B	400-22977
400-9891-A-1-C MSD	Matrix Spike Duplicate	Solid	9071B	400-22977

SEVERN TRENT STL®

Quality Control Results

Client: Pinnacle Laboratories

Job Number: 400-9847-1

Method Blank - Batch: 400-22977

Method: 9071B
Preparation: 9071B

Lab Sample ID: MB 400-22977/18-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1230
Date Prepared: 03/15/2006 0748

Analysis Batch: 400-23030
Prep Batch: 400-22977
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.00 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<50		50

Laboratory Control Sample - Batch: 400-22977

Method: 9071B
Preparation: 9071B

Lab Sample ID: LCS 400-22977/17-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1230
Date Prepared: 03/15/2006 0748

Analysis Batch: 400-23030
Prep Batch: 400-22977
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.00 g
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	3700	3300	90	72 - 119	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-22977

Method: 9071B
Preparation: 9071B

MS Lab Sample ID: 400-9891-A-1-B MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1230
Date Prepared: 03/15/2006 0748

Analysis Batch: 400-23030
Prep Batch: 400-22977

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.41 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 400-9891-A-1-C MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1230
Date Prepared: 03/15/2006 0748

Analysis Batch: 400-23030
Prep Batch: 400-22977

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.13 g
Final Weight/Volume: 10 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
HEM (Oil & Grease)	67	61	19 - 165	6	59		

Calculations are performed before rounding to avoid round-off errors in calculated results.

SEVERN TRENT STL®

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Pinnacle Laboratories, Inc.

Interlab Chain of Custody

Date: 3-9-06 Page: 1 of 1

SEVERN TRENT STL®

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107
(505) 344-3777 Fax (505) 344-4413

400-9847

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)	9071 TOC	Gen Chemistry:			Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
Cell #1 Sample #1 @ 2' /																											
603042-01	3-7-06	1105	NAQ							X																	
Cell #2 Sample #1 @ 2' /																											
603042-02	3-7-06	1128	NAQ							X																	
Cell #3 Sample #1 @ 2' /																											
603042-03	3-7-06	1144	NAQ							X																	

Page 11 of 12

PROJECT INFORMATION	SAMPLE RECEIPT	SAMPLES SENT TO:
PROJECT #: 603042	Total Number of Containers	PENSACOLA - STL-FL ✓
PROJ. NAME: AES	Chain of Custody Seals	ESL - OR
QC LEVEL: STD IV	Received Intact?	ATEL - AZ
QC REQUIRED: MS MSD BLANK	Received Good Cond./Cold	ATEL - MARION
TAT: STANDARD RUSH!!	LAB NUMBER:	ATEL - MELMORE
		FCL
DUE DATE: 3-23-06	COMMENTS: 3.3°C	EHL
RUSH SURCHARGE:		GEL
CLIENT DISCOUNT:		WCAS
SPECIAL CERTIFICATION REQUIRED: YES (NO)		WOHL

RELINQUISED BY: 1.	RELINQUISED BY: 2.
Signature: Time: 1700	Signature: Time:
Printed Name: Aubree Espinosa Date: 3-9-06	Printed Name: Date:
Pinnacle Laboratories, Inc.	Company
RECEIVED BY: 1.	**RECEIVED BY: 2.**
Signature: Time: 13-10-06	Signature: Time:
Printed Name: Linda L. Kitt Date: 1000	Printed Name: Date:
Company STL-Peno	Company

SEVERN TRENT STL®

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Pinnacle Laboratories

Job Number: 400-9847-1

Login Number: 9847

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	3.3°C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 3-7-06 PAGE: 1 OF 1

PLI Accession #: 603642

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animas Environmental

ADDRESS: 624 E. Comanche
Farmington, NM 87401

PHONE: 564-2281

FAX: 324-2022

BILL TO: AES

COMPANY:

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	NUMBER OF CONTAINERS
Cell #1 Sample #1 @ 2'	3-7-06	1605	Soil	01	1
Cell #2 Sample #1 @ 2'	3-7-06	1628	Soil	02	1
Cell #3 Sample #1 @ 2'	3-7-06	1644	Soil	03	1

Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	TPH 418.1 (Mod4)	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:
		X			X																			
		X			X																			
		X			X																			

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.:

PROJ. NAME: BM6 C.O.U

P.O. NO.: Lab Form

SHIPPED VIA: UPS

SAMPLE RECEIPT

NO. CONTAINERS: 3

CUSTODY SEALS: Y / N (NA)

RECEIVED INTACT: Y / N

BLUE ICE / ICE / NONE

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☒ | METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS:
Need extraction on Cell #3 Sample.

BTEX only on 8021

3/16 per client please add 8015GRO & 8015DRO

RELINQUISHED BY: 1

Signature: Ross Kennemer Time: 0805

Printed Name: Ross Kennemer Date: 3-8-06

Company:

See Reverse side (Force Majeure)

RECEIVED BY: 1

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2

Signature: Time: 1215

Printed Name: Date: 3/9/06

Pinnacle Laboratories Inc.

BENSON-MONTIN-GREER DRILLING CORP.
NW/4 SECTION 20, T25N, R1E, NMPM, Rio Arriba County, NM
Permit NM-02-0004

Monthly Evaporation Impoundment Monitor Tube Fluid Levels.

For Calendar Year January 06 to December 06

Date	Monitor Reading Taken by:	Level (Inches)	Change in fluid level from prior Month (Inches)
Jan- 4	Ben L [illegible]	1"	0
Feb- 2	Ben L [illegible]	1"	0
Mar- 3	Ben [illegible]	1"	0
Apr- 3	Ben [illegible]	1"	0
May- 2	[illegible]	1"	0
Jun- 2	Ben L [illegible]	1"	0
Jul- 3	Ben L Gonzales	1"	0
Aug- 1	Ben L Gonzales	1"	0
Sep- 5	Ben L Gonzales	1"	0
Oct- 3	Ben L Gonzales	1"	0
Nov- 1	Ben L Gonzales	1"	0
Dec- 1	Ben L Gonzales	1"	0

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: ø

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: ok – 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

Spray system down

I Ben L Gonzales **Signed Name** Ben L. Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 1/4/06 7:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: ø

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 11/12/06 7:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 6/18/06 7:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 6/26/06 7:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

OK

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

OK

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 2/2/06 7:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: Ø

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 11"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 2/16/06 10:00 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 2/22/06 7:30 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 3/2/06 7:30AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: Ø

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 3/14/05 7:30 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I [signature] **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 3/22/06 7:30Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 3/30/06 7:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.
Removed weeds from Berm.

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 4/3/06 2:00 pm

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 4/13/06 7:30 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 4/20/06 7:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 4/27/06 7:30 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 5/2/06 7:30AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 5/11/06 11:00 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level. ✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 5/17/06 9:00 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct: ✓

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

Cut weeds on Berm

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 5/25/06

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

Fluid level below 2' marker.

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 6/12/06 9:30 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:
All ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.
All ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 6/18/06 8:00Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

checked spray system all ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 6/13/06 9:00 Am

1

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 6/23/06 3:00pm

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

OK

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

l.t.c Tank heater 94°

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 6/27/06 10:00Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 7/3/06 8:00 am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I _____ **Signed Name** Ben L Hoffman **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 7/12/06 10:00AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

New Paint Fluid level marker.

I Ben L Gonzales Signed Name Ben L Gonzales Printed Name
Certify this inspection to be true,
Today's Date and Time: 7/18/06 8:00 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

OK

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

OK

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 7/27/06 8:00 am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 8/1/06 7:00 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Hanson **Signed Name** _____ **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 8/9/06

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

✓

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 8/14/06 8:00 am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

lite Tank heater 86°

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 8/24/06

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 8/29/06 8:00AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok Clean Berm Cut weeds

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 9/5/06 8:00 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Bent Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 9/13/06 2:00pm

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 9/19/06

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: /

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 9/28/06

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales Signed Name Ben L Gonzales Printed Name
Certify this inspection to be true,
Today's Date and Time: 10/3/06 8:00Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 10/10/06 11:00 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 10/16/06 8:00 AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 10/26/04 8:00AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 11/1/06 10:00 Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

OK

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

OK

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 11/6/06 8:00AM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L. Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 11/13/06 11:00Am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 11/21/06 1:00 pm

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 12/1/06 4:15 pm

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 11"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

ok

I Ben T Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 12/11/06 10:00am

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

ok

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

Tank Down for Repair.

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 12/22/06

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Evaporation Impoundment Weekly Inspection and Significant Event Report*.

* A significant event is any event such as a storm or mishap that may cause damage to the impoundment, tank area, pump area, spray evaporation area, or leak detection monitor.

Results of H2S walk around: 0

(Refer to permit if H2S is measured for action to be taken.)

Results of Monitor Tube Inspection: 1"

(Refer to permit if water level is a concern for action to be taken.)

General Condition of the Impoundment Levee – Note any erosion or slough problems and action taken to correct:

OK

General Condition of Berm and Tank, Pump Leak Containment, Spray Evaporation System, and Impoundment Fluid Level.

Tank Down for Repair.

I Ben L Gonzales **Signed Name** Ben L Gonzales **Printed Name**
Certify this inspection to be true,
Today's Date and Time: 12/28/06

BMG

BENSON-MONTIN-GREER DRILLING CORP.

2006 JAN 33 AM 8 00

January 30, 2006

Ms. Martyne J. Kieling
NMOCD
Environment Bureau
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: 2005 ANNUAL REPORT CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY, PERMIT No. NM-02-0004
Section 20, Township 25 North, Range 1 East, Rio Arriba County

Dear Ms. Kieling:

Please find enclosed the referenced annual report for 2005. A copy of a May 15, 2005 letter from Mr. Ed Martin approving temporary suspension of our landfarm monitoring until such time as we begin accepting waste is also included. BMG began accepting waste on November 1, 2005 and resumed monitoring at that time. Since discing the farm on November 22 the soil has been too frozen for additional discing. We have scheduled Animas Environmental to resume quarterly soil testing and will resume discing when the soil is thawed.

If you have any questions please contact me at 505-325-8874 or by email at mikedimond@bmgdrilling.com.

Sincerely,

Mike Dimond
President

Cc: NMOCD, Aztec; File

4900 College Boulevard, Farmington, NM 87402 (505) 325-8874 Fax (505) 327-9207

BENSON-MONTIN-GREER DRILLING CORP.
NW/4 SECTION 20, T25N, R1E, NMPM, Rio Arriba County, NM
Permit NM-02-0004

Monthly Evaporation Impoundment Monitor Tube Fluid Levels.

For Calendar Year January 05 **to December** 05

Date	Monitor Reading Taken by:	Level (Inches)	Change in fluid level from prior Month (Inches)
Jan- 5	Pearl Trujillo	1"	—
Feb- 7	Pearl Trujillo	1"	—
Mar- 2	Pearl Trujillo	1"	—
Apr- 4	Pearl Trujillo	1"	—
May- 2	Ben T Hanson	1"	—
Jun- 2	Ben T Hanson	1"	—
Jul- 5	Ben T Hanson	1"	—
Aug- 2	Ben T Hanson	1"	—
Sep- 2	Ben T Hanson	1"	—
Oct- 3	Ben T Hanson	1"	—
Nov- 4	Ben T Hanson	1"	—
Dec- 5	Ben T Hanson	1"	—

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

May 16, 2005

Mr. Mike Dimond
Benson-Montin-Greer Drilling Corp.
4900 College Blvd.
Farmington, NM 87402

Re: Benson-Montin-Greer Drilling Corp. Centralized Waste Management Facility, NMOCD Permit No. NM-02-0004

Dear Mr. Dimond:

The New Mexico Oil Conservation Division (NMOCD) has received and reviewed your March 24, 2005 treatment zone monitoring report for the above facility.

Your request included in the May 10, 2005 cover letter for the above report to discontinue quarterly sampling is approved. This approval will remain in effect until Benson-Montin-Greer begins to utilize the landfarm again. It is understood that no waste has been accepted into the facility for some time, and that no waste is currently being accepted. Should these conditions change, Benson-Montin-Greer must notify the NMOCD that they are again accepting wastes, and resume quarterly and annual monitoring as required by the permit shown above.

If you have any question, contact me at (505) 476-3492 or emartin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin
Environmental Bureau

cc: NMOCD, Aztec

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Weekly Inspection and Significant Event Report*. (Landfarm Area)

*** A significant event is any event such as a storm or mishap that may cause damage to the landfarm site or off-sight property.**

General Condition of Land farm area including berms and cells and action taken to correct problems:

Cell #1 - O.K.
Cell #2 - O.K.
Cell #3 - O.K.
Cell #4 - O.K.

Amount of New Material and Where:

60 yards from the Price Fed #1 on cell #3 on November 1, 2005
80 yards also from the Price Fed #1 on November 2, 2005. Cell #3

Specific date of Disking of soil and Which Cell:

Cell #3 was disked on November 1, 2005
Cell #3 was disked on November 2, 2005.

General points:

1. Disk all active cells every two weeks.
2. Place new soil in 6 (inch) lays.
3. All soils that are hauled in must be spread with-in 72 hours.
4. No free liquid containing wastes can be spread on the landfarm.
5. Exempt wastes cannot be mixed with non-exempt-non-hazardous wastes.
6. Each spill, leak, or clean-up must be segregated from each other.
7. The maximum size per treatment cell is 5 Acres. (4,033 cubic yards)
8. Plastic and any other domestic waste or trash cannot be allowed into the landfarm and shall immediately upon discovery be removed and recycled or disposed of properly.
9. All active cells remedial soils and treatment zone must be monitored and sampled per the latest NMOCD approved permit conditions.
10. UNDER NO CIRCUMSTANCE CAN NON-BMG wastes be taken, and no RCRA Subtitle C Wastes can be taken.

I Pearl Trujillo **Signed Name** Pearl Trujillo **Printed Name**
Certify this inspection to be true,
Today's Date and Time: November 7, 2005 4:30 PM

BENSON-MONTIN-GREER DRILLING CORP.
NMOCD RULE 711 PERMIT NM-02-004 (Located @ NW/4, T25N, R1E, NMPM, Rio Arriba County.)

Weekly Inspection and Significant Event Report*. (Landfarm Area)

*** A significant event is any event such as a storm or mishap that may cause damage to the landfarm site or off-sight property.**

General Condition of Land farm area including berms and cells and action taken to correct problems:

Cell # 1 – O.K.
Cell #2 - O.K.
Cell #3 - O.K.
Cell #4 - O.K.

Amount of New Material and Where:

10 yards from EPCMV on November 22, 2005 in Cell #3.

Specific date of Disking of soil and Which Cell:

Cell #3 was disked on November 22, 2005

General points:

1. Disk all active cells every two weeks.
2. Place new soil in 6 (inch) lays.
3. All soils that are hauled in must be spread with-in 72 hours.
4. No free liquid containing wastes can be spread on the landfarm.
5. Exempt wastes cannot be mixed with non-exempt-non-hazardous wastes.
6. Each spill, leak, or clean-up must be segregated from each other.
7. The maximum size per treatment cell is 5 Acres. (4,033 cubic yards)
8. Plastic and any other domestic waste or trash cannot be allowed into the landfarm and shall immediately upon discovery be removed and recycled or disposed of properly.
9. All active cells remedial soils and treatment zone must be monitored and sampled per the latest NMOCD approved permit conditions.
10. UNDER NO CIRCUMSTANCE CAN NON-BMG wastes be taken, and no RCRA Subtitle C Wastes can be taken.

I Pearl Trujillo **Signed Name** Pearl Trujillo **Printed Name**
Certify this inspection to be true,
Today's Date and Time: December 7, 2005 4:45 PM

Animas Environmental Services, LLC
624 E. Comanche • Farmington, NM 87401
TEL 505-564-2281 • FAX 505-324-2022

May 6, 2005

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of March, 2005, Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On March 24, 2005, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico. This was the fourth quarterly monitoring and sampling event at the facility.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the four treatment cells. Samples were collected at between 2.25 feet and 2 feet below surface grade from each treatment cell. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed before the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 418.1 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection, with materials supplied by the analyzing laboratory.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, it is apparent that Treatment Cells #1, #2, and #3 have been tilled on a frequent basis. Soils within these cells were very loose, and no weeds or other vegetation, which would indicate infrequent tilling, were observed. No hydrocarbon stained soils were observed on the surface of any of the cells, and no hydrocarbon odors were noted during sample

collection. As observed during previous sampling events, Treatment Cell #4 appears to be inactive.

Laboratory analytical results for all samples collected were below the method detection limit. The sample collection point for each treatment cell, as well as the associated analytical results, are presented on Figure 1. Laboratory analytical reports have also attached.

Based upon a March 24, 2005, telephone conversation between BMG and the OCD, no additional quarterly monitoring and sampling is required at this time, since the landfarm is not currently being used. However, in the event that contaminated soils are placed within any of the treatment cells, the OCD will need to be notified and quarterly monitoring and sampling will resume.

If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Elizabeth McNally at (505) 564-2281.

Sincerely,

Ross Kennemer
Project Manager

Attachments: Figure 1. Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2005/BMG/Landfarm Sampling/gcbmg050605.doc

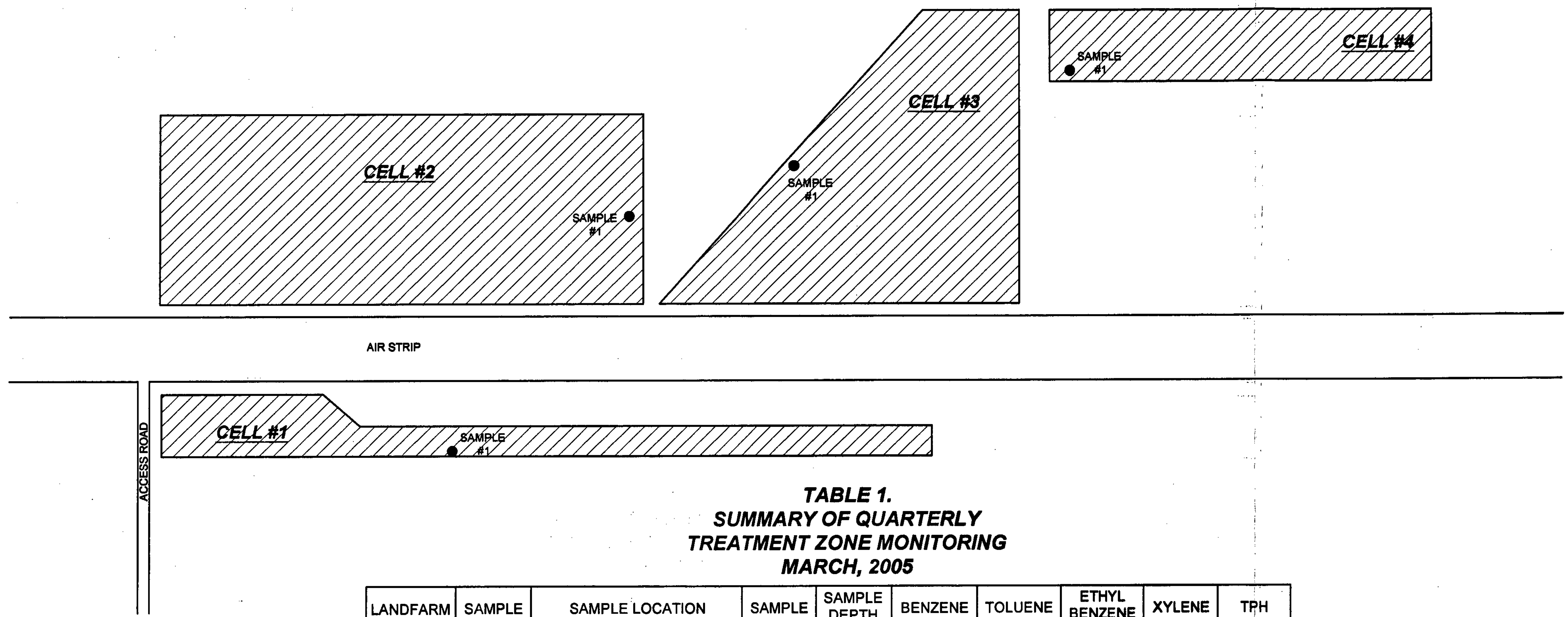


TABLE 1.
SUMMARY OF QUARTERLY TREATMENT ZONE MONITORING MARCH, 2005

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL BENZENE (MG/KG)	XYLENE (MG/KG)	TPH (MG/KG)
CELL #1	#1	N 36° 23.383' W 106° 52.063'	03/24/2005	2.25	<0.025	<0.025	<0.025	<0.050	<20
CELL #2	#1	N 36° 23.079' W 106° 52.067'	03/24/2005	2	<0.025	<0.025	<0.025	<0.050	<20
CELL #3	#1	N 36° 23.388' W 106° 51.997'	03/24/2005	2	<0.025	<0.025	<0.025	<0.050	<20
CELL #4	#1	N 36° 23.370' W 106° 51.863'	03/24/2005	2	<0.025	<0.025	<0.025	<0.050	<20

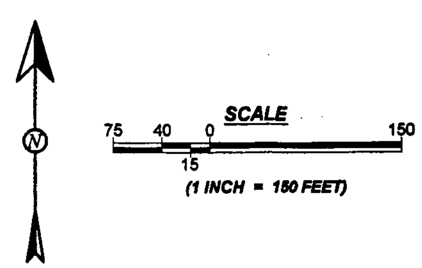


FIGURE 1
LANDFARM TREATMENT ZONE MONITORING LOCATIONS
MARCH, 2005

BMG CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
NW1/4, NW1/4, SEC. 20, T25N, R1E,
RIO ARRIBA COUNTY, NEW MEXICO

AES
Animas Environmental Services, LLC

DRAWN BY	MRK 04-04-05	CHECKED BY / APPROVED BY			REVISIONS BY___DATE___DESCR___

2005/BMG/LANDFARM/F1032405.DWG

"DO NOT SCALE THIS DRAWING"

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number **503213**
March 31, 2005

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name LANDFARM SAMPLING
Project Number BMG

Attention: ROSS KENNEMER

On 03/25/2005 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 503213
PROJECT #	: BMG	DATE RECEIVED	: 03/25/2005
PROJECT NAME	: LANDFARM SAMPLING	REPORT DATE	: 03/31/2005

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
503213 - 01	CELL #1 @ 2.5'	NON-AQ	03/24/2005
503213 - 02	CELL #2 @ 2'	NON-AQ	03/24/2005
503213 - 03	CELL #3 @ 2'	NON-AQ	03/24/2005
503213 - 04	CELL #4 @ 2'	NON-AQ	03/24/2005

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 503213
PROJECT #	: BMG	DATE RECEIVED	: 03/25/2005
PROJECT NAME	: LANDFARM SAMPLING	ANALYST	: BP

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1
02	CELL #2 @ 2'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1
03	CELL #3 @ 2'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5'	CELL #2 @ 2'	CELL #3 @ 2'
PETROLEUM HYDROCARBONS	20	MG/KG	< 20	< 20	< 20

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 503213
PROJECT #	: BMG	DATE RECEIVED	: 03/25/2005
PROJECT NAME	: LANDFARM SAMPLING	ANALYST	: BP

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 2'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 2'
PETROLEUM HYDROCARBONS	20	MG/KG	< 20

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY - REAGENT BLANK
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 503213
PROJECT #	: BMG	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	REAGENT BLANK I.D.	SAMPLE RESULT	DATE ANALYZED	ANALYST
PETROLEUM HYDROCARBONS	032805	<20	03/28/05	BP

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY - QUALITY CONTROL
LCS/LCSD

TEST	: 418.1	PINNACLE I.D.	: 503213
LCS/LCSD #	: 032805	DATE EXTRACTED	: 03/28/2005
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
PETROLEUM HYDROCARBONS	<20	303	276	91	269	89	3	(75 - 125)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY - QUALITY CONTROL
MS/MSD

EST	: 418.1	PINNACLE I.D.	: 503213
MSMSD #	: 503213-02	DATE EXTRACTED	: 03/28/2005
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
PETROLEUM HYDROCARBONS	<20	303	319	105	354	117	10	(75 - 125)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : BMG
PROJECT NAME : LANDFARM SAMPLING

PINNACLE I.D. : 503213
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5'	NON-AQ	03/24/2005	NA	03/29/2005	1
02	CELL #2 @ 2'	NON-AQ	03/24/2005	NA	03/29/2005	1
03	CELL #3 @ 2'	NON-AQ	03/24/2005	NA	03/29/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5'	CELL #2 @ 2'	CELL #3 @ 2'
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050	< 0.050	< 0.050
SURROGATE:					
BROMOFLUOROBENZENE (%)			97	97	96
SURROGATE LIMITS	(80 - 120)				
DRY WEIGHT (%)			83	92	84

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : BMG
PROJECT NAME : LANDFARM SAMPLING

PINNACLE I.D. : 503213
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 2'	NON-AQ	03/24/2005	NA	03/29/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 2'
BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050

SURROGATE:
BROMOFLUOROBENZENE (%) 99
SURROGATE LIMITS (80 - 120)
DRY WEIGHT (%) 80

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021B	PINNACLE I.D.	: 503213
BLANK I. D.	: 032805	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: FP
PROJECT NAME	: LANDFARM SAMPLING	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.050
SURROGATE:		
BROMOFLUOROBENZENE (%)		97

SURROGATE LIMITS:

CHEMIST NOTES:

N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 503213
BATCH #	: 032805	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: FP
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.03	103	1.02	102	1	(80 - 120)	20
TOLUENE	<0.025	1.00	1.04	104	1.04	104	0	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.03	103	1.03	103	0	(80 - 120)	20
TOTAL XYLENES	<0.050	3.00	3.12	104	3.11	104	0	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

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Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 503213
MSMSD #	: 503213-02	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/29/2005
PROJECT #	: BMG	SAMPLE MATRIX	: FP
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.01	101	1.06	106	5	(80 - 120)	20
TOLUENE	<0.025	1.00	1.04	104	1.08	108	4	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.03	103	1.07	107	4	(80 - 120)	20
TOTAL XYLENES	<0.050	3.00	3.08	103	3.23	108	5	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

BMG Centralized Surface Waste Management Facility

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 3-25-05 PAGE: 1 OF 1

PLI Accession #: 503215

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animas Environmental

ADDRESS: 624 E. Comanche
Farmington, NM 87401

PHONE: 564-2281

FAX: 324-2022

BILL TO: AES

COMPANY:

ADDRESS:

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
Cell #1 @ 2.5'	3-24-05	0941	Soil	01	X				X																					3
Cell #2 @ 2'	3-24-05	1002	Soil	02	X				X																					3
Cell #3 @ 2'	3-24-05	1023	Soil	03	X				X																					3
Cell #4 @ 2'	3-24-05	1045	Soil	04	X				X																					3

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.: BMG

PROJ. NAME: Landfarm sampling

P.O. NO.:

SHIPPED VIA: Bus

SAMPLE RECEIPT

NO. CONTAINERS		
CUSTODY SEALS	N/A	Y / N / NA
RECEIVED INTACT		
BLUE ICE/ICE		2.6°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐1 WEEK (NORMAL) ☒

*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☒NM ☐SDWA ☐AZ ☐OTHER

METHANOL PRESERVATION ☒ METALS ☐TOTAL ☐DISSOLVED

COMMENTS:

RELINQUISHED BY: 1.

Signature: Ross Kennemer Time: 0735

Printed Name: D. Ross Kennemer Date: 3-25-05

Company:

See Reverse side (Force Majeure)

RECEIVED BY: 1

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2

Signature: Time: 1405

Printed Name: Andrew Espinoza Date: 3-25-05

Pinnacle Laboratories Inc.

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

May 16, 2005

Mr. Mike Dimond
Benson-Montin-Greer Drilling Corp.
4900 College Blvd.
Farmington, NM 87402

Re: Benson-Montin-Greer Drilling Corp. Centralized Waste Management Facility, NMOCD Permit No. NM-02-0004

Dear Mr. Dimond:

The New Mexico Oil Conservation Division (NMOCD) has received and reviewed your March 24, 2005 treatment zone monitoring report for the above facility.

Your request included in the May 10, 2005 cover letter for the above report to discontinue quarterly sampling is approved. This approval will remain in effect until Benson-Montin-Greer begins to utilize the landfarm again. It is understood that no waste has been accepted into the facility for some time, and that no waste is currently being accepted. Should these conditions change, Benson-Montin-Greer must notify the NMOCD that they are again accepting wastes, and resume quarterly and annual monitoring as required by the permit shown above.

If you have any question, contact me at (505) 476-3492 or emartin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin
Environmental Bureau

cc: NMOCD, Aztec

BMG

BENSON-MONTIN-GREER DRILLING CORP.

May 10, 2005

Mr. Ed Martin
NMOCD
Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Benson-Montin-Greer Drilling Corp. Centralized Waste Management Facility
Permit No. NM-02-0004

Dear Mr. Martin:

Enclosed is March 24, 2005 treatment zone monitoring report from Animas Environmental, LLC. This report indicates clean samples and as per our telephone conversation of March 24, 2005 we request we be allowed to discontinue quarterly sampling until such time as contaminated soils are placed in any of the cells. We do not wish to close the permit, merely to discontinue sampling until contaminated soils are placed in a cell.

Sincerely,

Mike Dimond
Vice President

4900 College Boulevard, Farmington, NM 87402 (505) 325-8874 Fax (505) 327-9207

AES

Animas Environmental Services, LLC

624 E. Comanche • Farmington, NM 87401
TEL 505-564-2281 • FAX 505-324-2022

May 6, 2005

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of March, 2005, Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On March 24, 2005, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico. This was the fourth quarterly monitoring and sampling event at the facility.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the four treatment cells. Samples were collected at between 2.25 feet and 2 feet below surface grade from each treatment cell. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed before the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 418.1 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection, with materials supplied by the analyzing laboratory.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, it is apparent that Treatment Cells #1, #2, and #3 have been tilled on a frequent basis. Soils within these cells were very loose, and no weeds or other vegetation, which would indicate infrequent tilling, were observed. No hydrocarbon stained soils were observed on the surface of any of the cells, and no hydrocarbon odors were noted during sample

collection. As observed during previous sampling events, Treatment Cell #4 appears to be inactive.

Laboratory analytical results for all samples collected were below the method detection limit. The sample collection point for each treatment cell, as well as the associated analytical results, are presented on Figure 1. Laboratory analytical reports have also attached.

Based upon a March 24, 2005, telephone conversation between BMG and the OCD, no additional quarterly monitoring and sampling is required at this time, since the landfarm is not currently being used. However, in the event that contaminated soils are placed within any of the treatment cells, the OCD will need to be notified and quarterly monitoring and sampling will resume.

If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Elizabeth McNally at (505) 564-2281.

Sincerely,

Ross Kennemer
Project Manager

Attachments: Figure 1. Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2005/BMG/Landfarm Sampling/gcbmg050605.doc

2005/BMG/LANDFARM/F1032405.DWG

DRAWN BY	MRK 04-04-05	CHECKED BY APPROVED BY			REVISIONS BY____DATE____DESCR____

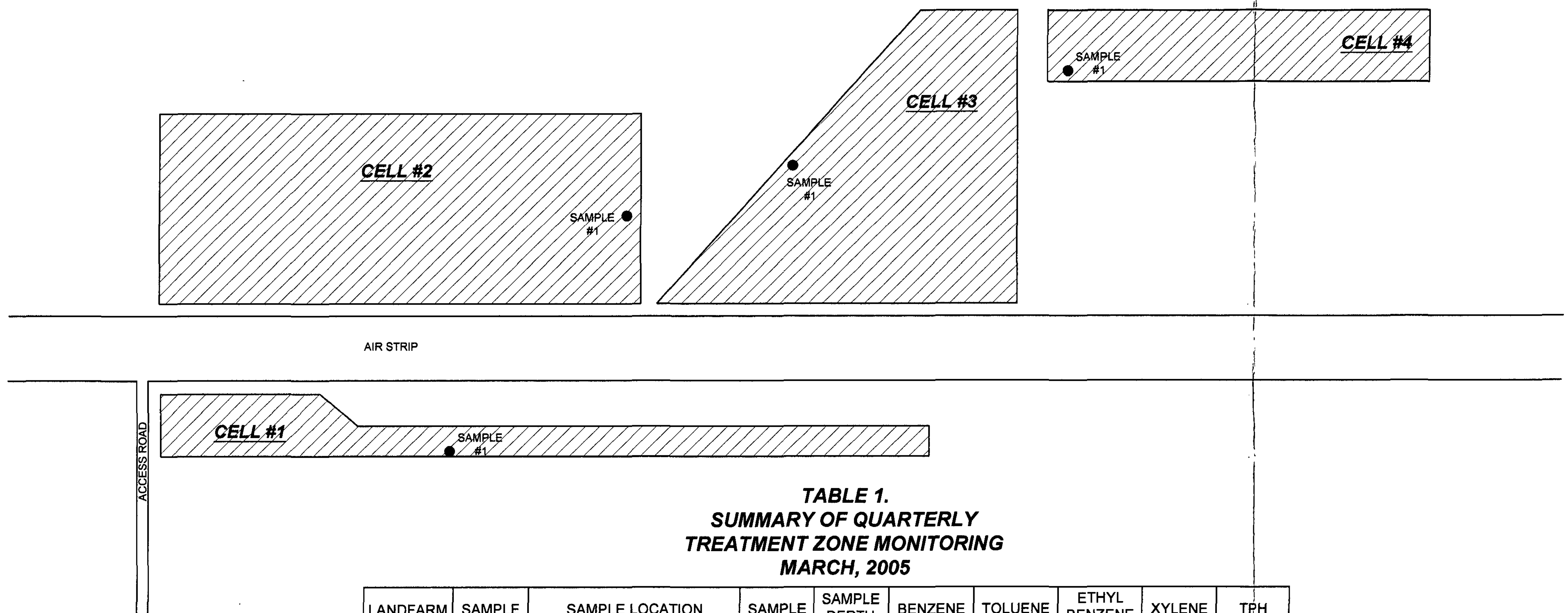

TABLE 1.
SUMMARY OF QUARTERLY TREATMENT ZONE MONITORING
MARCH, 2005

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL BENZENE (MG/KG)	XYLENE (MG/KG)	TPH (MG/KG)
CELL #1	#1	N 36° 23.383' W 106° 52.063'	03/24/2005	2.25	<0.025	<0.025	<0.025	<0.050	<20
CELL #2	#1	N 36° 23.079' W 106° 52.067'	03/24/2005	2	<0.025	<0.025	<0.025	<0.050	<20
CELL #3	#1	N 36° 23.388' W 106° 51.997'	03/24/2005	2	<0.025	<0.025	<0.025	<0.050	<20
CELL #4	#1	N 36° 23.370' W 106° 51.863'	03/24/2005	2	<0.025	<0.025	<0.025	<0.050	<20

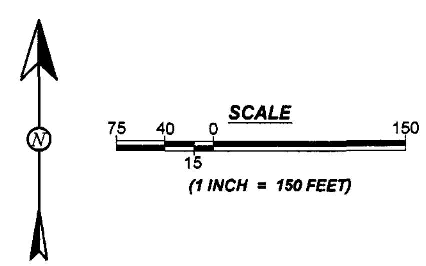

FIGURE 1
LANDFARM TREATMENT ZONE MONITORING LOCATIONS
MARCH, 2005

BMG CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
NW1/4, NW1/4, SEC. 20, T25N, R1E,
RIO ARRIBA COUNTY, NEW MEXICO

AES
Animas Environmental Services, LLC

"DO NOT SCALE THIS DRAWING"

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number **503213**
March 31, 2005

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name LANDFARM SAMPLING
Project Number BMG

Attention: ROSS KENNEMER

On 03/25/2005 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 503213
PROJECT #	: BMG	DATE RECEIVED	: 03/25/2005
PROJECT NAME	: LANDFARM SAMPLING	REPORT DATE	: 03/31/2005

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
503213 - 01	CELL #1 @ 2.5'	NON-AQ	03/24/2005
503213 - 02	CELL #2 @ 2'	NON-AQ	03/24/2005
503213 - 03	CELL #3 @ 2'	NON-AQ	03/24/2005
503213 - 04	CELL #4 @ 2'	NON-AQ	03/24/2005

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 503213
PROJECT #	: BMG	DATE RECEIVED	: 03/25/2005
PROJECT NAME	: LANDFARM SAMPLING	ANALYST	: BP

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1
02	CELL #2 @ 2'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1
03	CELL #3 @ 2'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5'	CELL #2 @ 2'	CELL #3 @ 2'
PETROLEUM HYDROCARBONS	20	MG/KG	< 20	< 20	< 20

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
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Fax (505) 344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 503213
PROJECT #	: BMG	DATE RECEIVED	: 03/25/2005
PROJECT NAME	: LANDFARM SAMPLING	ANALYST	: BP

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 2'	NON-AQ	03/24/2005	03/28/2005	03/28/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 2'
PETROLEUM HYDROCARBONS	20	MG/KG	< 20

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Fax (505) 344-4413

GENERAL CHEMISTRY - REAGENT BLANK
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 503213
PROJECT #	: BMG	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	REAGENT BLANK I.D.	SAMPLE RESULT	DATE ANALYZED	ANALYST
PETROLEUM HYDROCARBONS	032805	<20	03/28/05	BP

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY - QUALITY CONTROL
LCS/LCSD

TEST	: 418.1	PINNACLE I.D.	: 503213
LCS/LCSD #	: 032805	DATE EXTRACTED	: 03/28/2005
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
PETROLEUM HYDROCARBONS	<20	303	276	91	269	89	3	(75 - 125)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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Fax (505) 344-4413

GENERAL CHEMISTRY - QUALITY CONTROL
MS/MSD

TEST	: 418.1	PINNACLE I.D.	: 503213
MS/MSD #	: 503213-02	DATE EXTRACTED	: 03/28/2005
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
PETROLEUM HYDROCARBONS	<20	303	319	105	354	117	10	(75 - 125)	20

CHEMIST NOTES:
N/A

$$\text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
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GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES PINNACLE I.D. : 503213
PROJECT # : BMG ANALYST : BP
PROJECT NAME : LANDFARM SAMPLING

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2.5'	NON-AQ	03/24/2005	NA	03/29/2005	1
02	CELL #2 @ 2'	NON-AQ	03/24/2005	NA	03/29/2005	1
03	CELL #3 @ 2'	NON-AQ	03/24/2005	NA	03/29/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2.5'	CELL #2 @ 2'	CELL #3 @ 2'
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050	< 0.050	< 0.050
SURROGATE:					
BROMOFLUOROBENZENE (%)			97	97	96
SURROGATE LIMITS	(80 - 120)				
DRY WEIGHT (%)			83	92	84

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : BMG
PROJECT NAME : LANDFARM SAMPLING

PINNACLE I.D. : 503213
ANALYST : BP

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 2'	NON-AQ	03/24/2005	NA	03/29/2005	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 2'
BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050

SURROGATE:
BROMOFLUOROBENZENE (%) 99
SURROGATE LIMITS (80 - 120)
DRY WEIGHT (%) 80

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021B	PINNACLE I.D.	: 503213
BLANK I. D.	: 032805	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: FP
PROJECT NAME	: LANDFARM SAMPLING	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.050
SURROGATE:		
BROMOFLUOROBENZENE (%)		97

SURROGATE LIMITS:

CHEMIST NOTES:

N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 503213
BATCH #	: 032805	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/28/2005
PROJECT #	: BMG	SAMPLE MATRIX	: FP
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.03	103	1.02	102	1	(80 - 120)	20
TOLUENE	<0.025	1.00	1.04	104	1.04	104	0	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.03	103	1.03	103	0	(80 - 120)	20
TOTAL XYLENES	<0.050	3.00	3.12	104	3.11	104	0	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 503213
MSMSD #	: 503213-02	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 03/29/2005
PROJECT #	: BMG	SAMPLE MATRIX	: FP
PROJECT NAME	: LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.01	101	1.06	106	5	(80 - 120)	20
TOLUENE	<0.025	1.00	1.04	104	1.08	108	4	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.03	103	1.07	107	4	(80 - 120)	20
TOTAL XYLENES	<0.050	3.00	3.08	103	3.23	108	5	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

[redacted] BMG Construction Surface Waste Management Permitting [redacted]

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 8-25-05 PAGE: 1 OF 1

PLI Accession#: 503013

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animas Environmental

ADDRESS: 624 E. Comanche
Farmington, NM 87401

PHONE: 564-2281

FAX: 324-2022

BILL TO: AES

COMPANY:

ADDRESS:

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:	NUMBER OF CONTAINERS
Cell #1 @ 2.5' RK3	8-24-05	0941	Soil	01	X				X																				4
Cell #2 @ 2' RK3	8-24-05	1002	Soil	02	X				X																				4
Cell #3 @ 2' RK3	8-24-05	1023	Soil	03	X				X																				4
Cell #4 @ 2' RK3	8-24-05	1045	Soil	04	X				X																				4

ANALYSIS REQUEST

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.: BMG

PROJ. NAME: Landfarm Sampling

P.O. NO.:

SHIPPED VIA: Bus

SAMPLE RECEIPT

NO CONTAINERS	4	
CUSTODY SEALS	N	Y / N / NA
RECEIVED INTACT	Y	
BLUE ICE/ICE	Y	2.4°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☒NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☒ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS:

RELINQUISHED BY: 1.

Signature: [signature] Time: 0735

Printed Name: Ross Kennemer Date: 8-25-05

Company:

See Reverse side (Force Majeure)

RECEIVED BY: 1

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2

Signature: [signature] Time: 1405

Printed Name: Aubrey Espinoza Date: 8-25-05

Pinnacle Laboratories Inc.

BMG

BENSON-MONTIN-GREER DRILLING CORP.

January 13, 2005

NM-2-0004

Ms. Martyne J. Kieling
NMOCD
Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Annual Report for Benson-Montin-Greer Drilling Corp. Centralized Surface Waste Management Facility (Permit No. NM-02-0004) located in NW/4 Section 20, Township 25 North, Range 1 East, NMPM, Rio Arriba County, New Mexico

Dear Ms. Kieling:

Benson-Montin-Greer Drilling Corp. (BMG) submits the following Annual Report for the BMG Centralized Surface Waste Management Facility located in the NW/4 of Section 20, Township 25 North, Range 1 East, NMPM, Rio Arriba County, New Mexico. This Annual Report is to be submitted before March 1, 2005 as required by Permit No. NM-02-0004.

1. Attachment I is treatment zone monitoring results.
2. Attachment II is Monthly Inspection of leak detection system.
3. Attachment III is evaporation pond water analysis.
4. There are no below grade sumps to monitor.
5. There were no spills of record at the facility in the past year.
6. BMG continues to maintain records at the facility with internal forms.
7. There were no new structures installed at the facility in the past year.

Should you have any questions or require additional information, please contact me at the letterhead address and telephone number.

Sincerely,

Mike Dimond
Vice-President

MD/tlp

cc: Mr. Denny Foust, NMOCD with attachments
MD, BG, file

4900 College Boulevard, Farmington, NM 87402 (505) 325-8874 Fax (505) 327-9207

ATTACHMENT I

2004 Treatment Zone Sample Analysis Results

AES
Animas Environmental Services, LLC
624 E. Comanche • Farmington, NM 87401
TEL 505-564-2281 • FAX 505-324-2022

August 12, 2004

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of June, 2004, Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On June 21, 2004, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the four treatment cells. Sample collection depth for each treatment cell ranged from 2 feet to 2.58 feet below surface grade. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed at the time the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 418.1 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection with materials and equipment supplied by the laboratory.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, it is apparent that treatment cells #1, #2, and #3 are being tilled on a frequent basis. Soils within these cells were very loose, and no weeds or other vegetation, which would indicate infrequent tilling, were observed. No hydrocarbon stained soils were observed on the surface of any of the cells, and no hydrocarbon odors were noted during sample

collection. Treatment cell #4 appears to have not been in use for quite some time, and grasses and small herbaceous plants were observed across the entire cell.

Laboratory analysis results for all samples collected were below the method detection limit. The sample location for each treatment cell, as well as the associated analytical results, are presented on Figure 1. Laboratory analytical reports have also attached.

The next monitoring and sampling event is scheduled to be completed during the week of September 20, 2004. During this event, in addition to TPH and BTEX samples, samples will also be collected for analysis of major cations/anions and RCRA 8 metals, as required by the NMOCD permit for the facility.

If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Ross Kennemer at (505) 564-2281.

Sincerely,

Elizabeth D. McNally

Elizabeth McNally, PE

Attachments: Figure 1 Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2004/BMG/Landfarm Sampling/gcbmg081204.doc

FIGURE 1

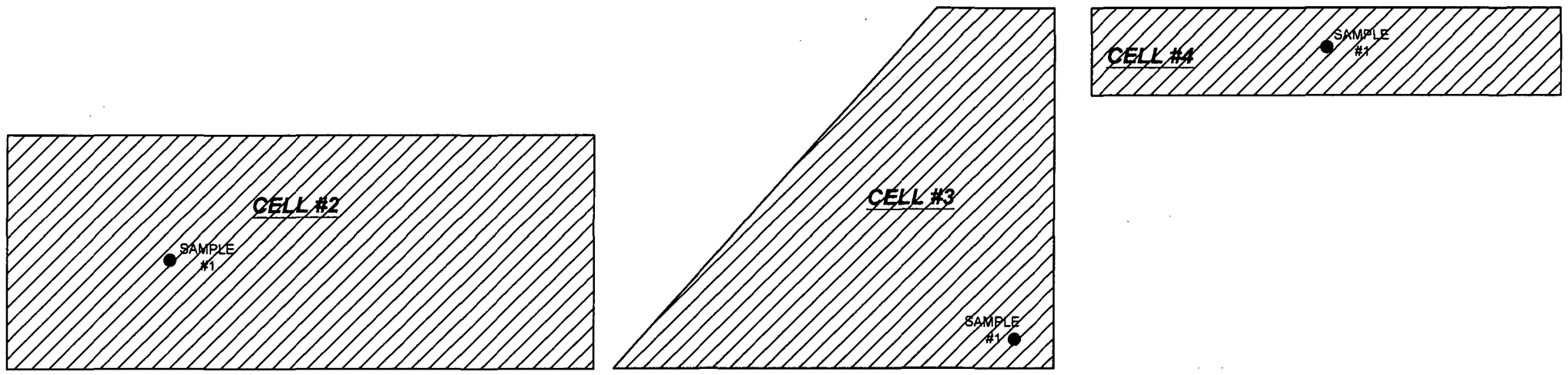
LANDFARM WITH TREATMENT ZONE MONITORING LOCATIONS JUNE, 2004

BMG
CENTRALIZED SURFACE WASTE
MANAGEMENT FACILITY
NW1/4, NW1/4, SEC. 20, T25N, R1E,
RIO ARRIBA, CO., NM

Drn. By:	MRK	Date:	08/11/04
Rev. By:		Date:	

file:bmg/landfarm/sp.dwg

AES
Animas Environmental Services, LLC



LEGEND

● SAMPLE COLLECTION POINT

NOTE: BTEX ANALYZED PER EPA METHOD 8021 AND TPH ANALYZED PER EPA METHOD 418.1. ALL RESULTS REPORTED AS MG/KG OR PPM.

N

SCALE
150 0 150
75
(1 INCH = 150 FEET)

SUMMARY OF QUARTERLY TREATMENT ZONE MONITORING JUNE, 2004

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL-BENZENE (MG/KG)	XYLENE (MG/KG)	TPH (MG/KG)
Cell #1	#1	N 36° 23.366' W 106° 52.028'	6/21/2004	2.3	<0.025	<0.025	<0.025	<0.050	<20
Cell #2	#1	N 36° 23.401' W 106° 51.992'	6/21/2004	2.58	<0.025	<0.025	<0.025	<0.050	<20
Cell #3	#1	N 36° 23.327' W 106° 51.856'	6/21/2004	2.2	<0.025	<0.025	<0.025	<0.050	<20
Cell #4	#1	N 36° 23.354' W 106° 51.777'	6/21/2004	2	<0.025	<0.025	<0.025	<0.050	<20

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
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Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number **406083**
July 06, 2004

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name BMG LANDFARM SAMPLING
Project Number 040605

Attention: ROSS KENNEMER

On 06/22/04 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

IENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 406083
ROJECT #	: 040605	DATE RECEIVED	: 06/22/04
ROJECT NAME	: BMG LANDFARM SAMPLING	REPORT DATE	: 07/06/04

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
6083 - 01	CELL #1 @ 28" BGS	NON-AQ	06/21/04
6083 - 02	CELL #2 @ 31" BGS	NON-AQ	06/21/04
06083 - 03	CELL #3 @ 26" BGS	NON-AQ	06/21/04
6083 - 04	CELL #4 @ 24" BGS	NON-AQ	06/21/04

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GENERAL CHEMISTRY RESULTS
EPA 418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 406083
PROJECT #	: 040605	DATE RECEIVED	: 06/22/04
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

SAMPLE I. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 28" BGS	NON-AQ	06/21/04	06/30/04	06/30/04	1
02	CELL #2 @ 31" BGS	NON-AQ	06/21/04	06/30/04	06/30/04	1
03	CELL #3 @ 26" BGS	NON-AQ	06/21/04	06/30/04	06/30/04	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 28" BGS	CELL #2 @ 31" BGS	CELL #3 @ 26" BGS
PETROLEUM HYDROCARBONS	20	MG/KG	< 20	< 20	< 20

CHEMIST NOTES:
NA

PINNACLE LABORATORIES

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GENERAL CHEMISTRY RESULTS
EPA 418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 406083
PROJECT #	: 040605	DATE RECEIVED	: 06/22/04
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 24" BGS	NON-AQ	06/21/04	06/30/04	06/30/04	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 24" BGS
PETROLEUM HYDROCARBONS	20	MG/KG	< 20

CHEMIST NOTES:
N/A

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GENERAL CHEMISTRY - REAGENT BLANK
EPA 418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 406083
PROJECT #	: 040605	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	REAGENT BLANK I.D.	SAMPLE RESULT	DATE ANALYZED	ANALYST
PETROLEUM HYDROCARBONS	063004	<20	06/30/04	BP

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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GENERAL CHEMISTRY - QUALITY CONTROL
LCS/LCSD

EST	: EPA 418.1		
S/LCSD #	: 063004	PINNACLE I.D.	: 406083
ENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE EXTRACTED	: 06/30/04
ROJECT #	: 040605	DATE ANALYZED	: 06/30/04
OJECT NAME	: BMG LANDFARM SAMPLING	SAMPLE MATRIX	: NON-AQ
		UNITS	: MG/KG

RAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
TROLEUM HYDROCARBONS	<20	254	254	100	244	96	4	(75 - 125)	20

EMIST NOTES:

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{D (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

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GENERAL CHEMISTRY - QUALITY CONTROL
MS/MSD

TEST	: EPA 418.1		
MSMSD #	: 406083-04	PINNACLE I.D.	: 406083
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE EXTRACTED	: 06/30/04
PROJECT #	: 040605	DATE ANALYZED	: 06/30/04
PROJECT NAME	: BMG LANDFARM SAMPLING	SAMPLE MATRIX	: NON-AQ
		UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
PETROLEUM HYDROCARBONS	<20	254	192	76	235	93	20	(75 - 125)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
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GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B MODIFIED - METHANOL PRESERVATION
IENT : ANIMAS ENVIRONMENTAL SERVICES PINNACLE I.D. : 406083
ROJECT # : 040605 ANALYST : BP
PROJECT NAME : BMG LANDFARM SAMPLING

MPLE D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #1 @ 28" BGS	NON-AQ	06/21/04	N/A	06/25/04	1
	CELL #2 @ 31" BGS	NON-AQ	06/21/04	N/A	06/25/04	1
03	CELL #3 @ 26" BGS	NON-AQ	06/21/04	N/A	06/25/04	1

RAMETER	DET. LIMIT	UNITS	CELL #1 @ 28" BGS	CELL #2 @ 31" BGS	CELL #3 @ 26" BGS
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
OLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
THYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050	< 0.050	< 0.050
URROGATE:					
BROMOFLUOROBENZENE (%)			99	95	99
URROGATE LIMITS	(80 - 120)				
DRY WEIGHT (%)			80	93	82

HEMIST NOTES:
A

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Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B MODIFIED - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES PINNACLE I.D. : 406083
PROJECT # : 040605 ANALYST : BP
PROJECT NAME : BMG LANDFARM SAMPLING

SAMPLE #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 24" BGS	NON-AQ	06/21/04	N/A	06/25/04	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 24" BGS
BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050
SURROGATE:			
BROMOFLUOROBENZENE (%)			98
SURROGATE LIMITS	(80 - 120)		
DRY WEIGHT (%)			93

CHEMIST NOTES:
N/A

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GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021B MODIFIED	PINNACLE I.D.	: 406083
BLANK I. D.	: 062504	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/25/04
PROJECT #	: 040605	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.050

SURROGATE:
BROMOFLUOROBENZENE (%) 99
SURROGATE LIMITS:
CHEMIST NOTES:
NA

PINNACLE LABORATORIES

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GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B MODIFIED	PINNACLE I.D.	: 406083
ATCH #	: 062504	DATE EXRACTED	: N/A
LIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/25/04
ROJECT #	: 040605	SAMPLE MATRIX	: FP
ROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
ENZENE	<0.025	1.00	1.02	102	1.01	101	1	(80 - 120)	20
OLUENE	<0.025	1.00	1.02	102	1.00	100	2	(80 - 120)	20
THYLBENZENE	<0.025	1.00	1.06	106	1.05	105	1	(80 - 120)	20
OTAL XYLENES	<0.050	3.00	3.09	103	3.06	102	1	(80 - 120)	20

CHEMIST NOTES:
NA

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B MODIFIED	PINNACLE I.D.	: 406083
S/MSD #	: 406083-03	DATE EXRACTED	: N/A
LIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 06/25/04
ROJECT #	: 040605	SAMPLE MATRIX	: FP
ROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
ENZENE	<0.025	1.00	1.22	122	1.20	120	2	(80 - 120)	20
OLUENE	<0.025	1.00	1.04	104	1.05	105	1	(80 - 120)	20
THYLBENZENE	<0.025	1.00	1.06	106	1.08	108	2	(80 - 120)	20
OTAL XYLENES	<0.050	3.00	3.13	104	3.18	106	2	(80 - 120)	20

CHEMIST NOTES:
A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 6-22-04 PAGE: 1 OF 1

PLI Accession #: 4102083

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animas Environmental

ADDRESS: 624 E. Comanche
Farmington NM 87401

PHONE: 564-2281

FAX: 324-2022

BILL TO: AES

COMPANY:

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:	NUMBER OF CONTAINERS
Cell #1 @ 28" BGS	6-21-04	1055	Soil	-01	X				X																				3
Cell #2 @ 31" BGS	6-21-04	1128	Soil	-02	X				X																				3
Cell #3 @ 26" BGS	6-21-04	1157	Soil	-03	X				X																				3
Cell #4 @ 24" BGS	6-21-04	1216	Soil	-04	X				X																				3

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.: 040605

PROJ. NAME: BMG Land Farm sampling

P.O. NO.:

SHIPPED VIA: Bus

SAMPLE RECEIPT

NO. CONTAINERS: 12

CUSTODY SEALS: Y/N/NA

RECEIVED INTACT: Y

BLUE ICE/ICE: Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☒ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS:

BTEX Only on 8021

RELINQUISHED BY: 1.

Signature: Ross Kennemer Time: 0711

Printed Name: Ross Kennemer Date: 6-22-04

Company:

See Reverse side (Force Majeure)

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 1730

Printed Name: Date: 6/22/04

Pinnacle Laboratories Inc

AES
Animas Environmental Services, LLC
624 E. Comanche • Farmington, NM 87401
TEL 505-564-2281 • FAX 505-324-2022

November 30, 2004

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of September, 2004, Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On September 30, 2004, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the four treatment cells. Sample collection depth for each treatment cell ranged from 2.5 feet to 3 feet below surface grade. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed at the time the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 418.1 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were fieid-preserved with methanol at the time of collection with materials and equipment supplied by the laboratory. Additionally, as required annually, one sample was also collected from each location for analysis of major cations and anions. These analyses included: 1) pH per EPA Method 9045C; 2) CO_2 and Forms of Alkalinity per EPA Method 4500D; 3) alkalinity as $CaCO_3$ per EPA Method 2320B; 4) specific conductance per EPA Method 9050A; 5) chloride per EPA Method 9251; 6) sulfate as SO_4 per EPA Method 3.75.4-EXT; 7) fluoride per EPA Method 340.2-EXT; and 8) metals per EPA Method 6010B.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, it is apparent that treatment cells #1, #2, and #3 are being tilled on a frequent basis. Soils within these cells were very loose, and no weeds or other vegetation, which would indicate infrequent tilling, were observed. No hydrocarbon stained soils were observed on the surface of any of the cells, and no hydrocarbon odors were noted during sample collection. Treatment cell #4 continues to appear to be not in use, and grasses and small herbaceous plants were observed across the entire cell.

Laboratory analytical results for all samples collected were below the method detection limits for hydrocarbons, except for the sample collected from Cell #2, which had a TPH concentration of 92 mg/kg. The sample location for each treatment cell, as well as the associated analytical results, are presented on Figure 1 and in Tables 1 and 2. Laboratory analytical reports have also attached.

The next monitoring and sampling event is scheduled to be completed during the week of December 6, 2004. If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Ross Kennemer at (505) 564-2281.

Sincerely,

Elizabeth D. McNally

Elizabeth McNally, PE

Attachments: Figure 1. Treatment Zone Monitoring Locations
Table 1 and 2. Laboratory Analytical Results
Pinnacle Laboratory Analytical Reports

Files/2004/BMG/Landfarm Sampling/gcbmg113004

Table 2.
Summary of Major Cations/Anions
Annual Treatment Zone Monitoring
September, 2004

LANDFARM I.D.	SAMPLE I.D.	SAMPLE DATE	SAMPLE DEPTH (ft)	pH	Bicarbonate (MG/KG)	Free CO_2 (MG/KG)	Carbonate (MG/KG)	Hydroxide (MG/KG)	Total CO_2 (MG/KG)	Alkalinity as $CaCO_3$ (MG/KG)	Specific Conductance (umhos/cm)	Chloride (MG/KG)	Sulfate as SO_4 (MG/KG)	Flouride (MG/KG)	Calcium (MG/KG)	Magnesium (MG/KG)	Sodium (MG/KG)
Cell #1	#1	9/30/2004	3.0	7.4	360	79	<20	<20	400	360	51	<47	170	11	5,700	3,300	<99
Cell #2	#1	9/30/2004	2.5	7.1	<20	<20	<20	<20	<20	<25	13	<49	<120	<4.9	6,200	3,100	<110
Cell #3	#1	9/30/2004	2.8	7.0	550	120	<20	<20	610	550	36	<45	<110	5	3,000	2,000	<88
Cell #4	#1	9/30/2004	2.5	6.9	33	130	<20	<20	160	33	6.1	<44	<110	<4.4	3,700	2,600	<97

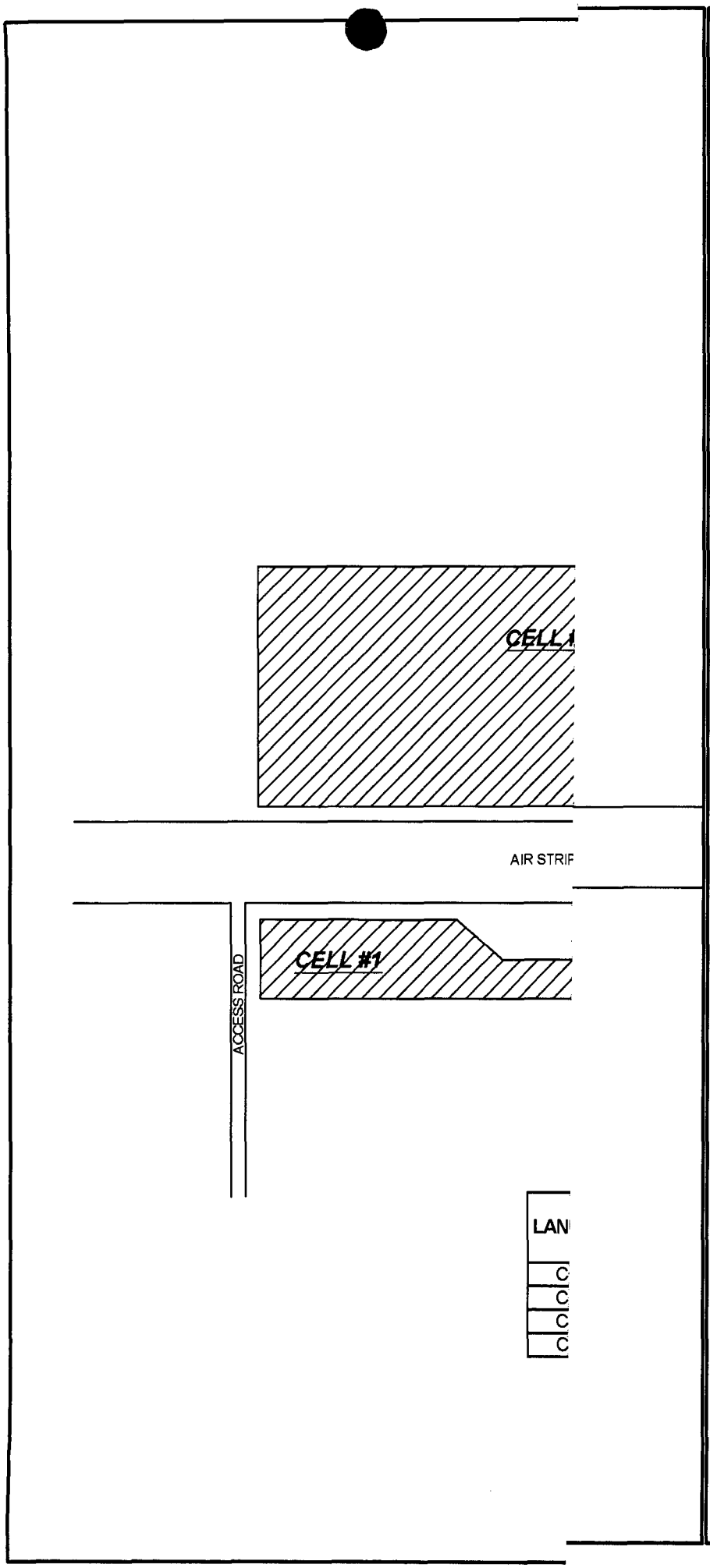

FIGURE 1

LANDFARM WITH TREATMENT ZONE MONITORING LOCATIONS SEPTEMBER, 2004

BMG
CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
NW1/4, NW1/4, SEC. 20, T25N, R1E,
RIO ARRIBA, CO., NM

Drn. By: MRK	Date: 11/22/04
Rev. By:	Date:

file:bmg/landfarm/sp.dwg

AES

Animas Environmental Services, LLC

LEGEND

● SAMPLE COLLECTION POINT

NOTE: BTEX ANALYZED PER EPA METHOD 8021 AND TPH ANALYZED PER EPA METHOD 418.1. ALL RESULTS REPORTED AS MG/KG OR PPM.

MAJOR CATIONS / ANIONS AND METALS ARE SUMMARIZED IN TABLE 2.

N

SCALE

150 0 150

75

(1 INCH = 150 FEET)

entered Pinnacle Labs 11-1-04 CR

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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PINNACLE
LABORATORIES

Pinnacle Lab ID number **410014**
October 26, 2004

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name BMG LANDFARM SAMPLING
Project Number 040605

Attention: ROSS KENNEMER

On 10/01/2004 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 418.1 and 8015 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Severn Trent Laboratories, Inc. Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE
LABORATORIES

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Phone (505) 344-3777
Fax (505) 344-4413

IENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 410014
ROJECT #	: 040605	DATE RECEIVED	: 10/01/2004
OJECT NAME	: BMG LANDFARM SAMPLING	REPORT DATE	: 10/26/2004

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
0014 - 01	Cell #1 Sample #1 @ 3' BGS	NON-AQ	09/30/2004
0014 - 02	Cell #2 Sample #1 @ 2.5' BGS	NON-AQ	09/30/2004
10014 - 03	Cell #3 Sample #1 @ 2.8' BGS	NON-AQ	09/30/2004
0014 - 04	Cell #4 Sample #1 @ 2.5' BGS	NON-AQ	09/30/2004

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 410014
PROJECT #	: 040605	DATE RECEIVED	: 10/01/2004
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

SAMPLE #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	Cell #1 Sample #1 @ 3' BGS	NON-AQ	09/30/2004	10/12/2004	10/12/2004	1
02	Cell #2 Sample #1 @ 2.5' BGS	NON-AQ	09/30/2004	10/12/2004	10/12/2004	1
03	Cell #3 Sample #1 @ 2.8' BGS	NON-AQ	09/30/2004	10/12/2004	10/12/2004	1

PARAMETER	DET. LIMIT	UNITS	Cell #1 Sample #1 @ 3' BGS	Cell #2 Sample #1 @ 2.5' BGS	Cell #3 Sample #1 @ 2.8' BGS
PETROLEUM HYDROCARBONS	**20**	**MG/KG**	< 20	**92**	< 20

CHEMIST NOTES:
N/A

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Phone (505) 344-3777
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PINNACLE LABORATORIES

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 410014
PROJECT #	: 040605	DATE RECEIVED	: 10/01/2004
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

SAMPLE #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
	Cell #4 Sample #1 @ 2.5' BGS	NON-AQ	09/30/2004	10/12/2004	10/12/2004	1

PARAMETER	DET. LIMIT	UNITS	Cell #4 Sample #1 @ 2.5' BGS
PETROLEUM HYDROCARBONS	20	MG/KG	< 20

CHEMIST NOTES:

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GENERAL CHEMISTRY - REAGENT BLANK
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 410014
PROJECT #	: 040605	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	REAGENT BLANK I.D.	SAMPLE RESULT	DATE ANALYZED	ANALYST
PETROLEUM HYDROCARBONS	101204	<20	10/12/04	BP

COMMENTS:

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PINNACLE LABORATORIES

GENERAL CHEMISTRY - QUALITY CONTROL
MS/MSD

EST	: 418.1		
MSD #	: 410014-01	PINNACLE I.D.	: 410014
ENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE EXTRACTED	: 10/12/2004
ROJECT #	: 040605	DATE ANALYZED	: 10/12/2004
ROJECT NAME	: BMG LANDFARM SAMPLING	SAMPLE MATRIX	: NON-AQ
		UNITS	: MG/KG

ARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
TROLEUM HYDROCARBONS	<10	254	221	87	211	83	5	(75 - 125)	20

HEMIST NOTES:

$$\text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

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GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES PINNACLE I.D. : 410014
PROJECT # : 040605 ANALYST : BP
PROJECT NAME : BMG LANDFARM SAMPLING

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	Cell #1 Sample #1 @ 3' BGS	NON-AQ	09/30/2004	NA	10/06/2004	1
02	Cell #2 Sample #1 @ 2.5' BGS	NON-AQ	09/30/2004	NA	10/06/2004	1
03	Cell #3 Sample #1 @ 2.8' BGS	NON-AQ	09/30/2004	NA	10/06/2004	1

PARAMETER	DET. LIMIT	UNITS	Cell #1 Sample #1 @ 3' BGS	Cell #2 Sample #1 @ 2.5' BGS	Cell #3 Sample #1 @ 2.8' BGS
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050	< 0.050	< 0.050
SURROGATE:					
BROMOFLUOROBENZENE (%)			99	97	106
SURROGATE LIMITS	(80 - 120)				
DRY WEIGHT (%)			83	85	88

CHEMIST NOTES:
N/A

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GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : 040605
PROJECT NAME : BMG LANDFARM SAMPLING

PINNACLE I.D. : 410014
ANALYST : BP

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	Cell #4 Sample #1 @ 2.5' BGS	NON-AQ	09/30/2004	NA	10/06/2004	1

PARAMETER	DET. LIMIT	UNITS	Cell #4 Sample #1 @ 2.5' BGS
BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050
SURROGATE:			
BROMOFLUOROBENZENE (%)			98
SURROGATE LIMITS	(80 - 120)		
DRY WEIGHT (%)			90

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

ST	: EPA 8021B	PINNACLE I.D.	: 410014
LANK I.D.	: 100504B	DATE EXTRACTED	: N/A
LENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 10/06/2004
OJECT #	: 040605	SAMPLE MATRIX	: NON-AQ
ROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

RAMETER	UNITS	
NZENE	MG/KG	<0.025
LUENE	MG/KG	<0.025
HYLBENZENE	MG/KG	<0.025
OTAL XYLENES	MG/KG	<0.050
URROGATE:		
ROMOFLUOROBENZENE (%)		101
RROGATE LIMITS	(80 - 120)	

HEMIST NOTES:

PINNACLE LABORATORIES

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GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 410014
TCH #	: 100504B	DATE EXTRACTED	: N/A
IENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 10/06/2004
ROJECT #	: 040605	SAMPLE MATRIX	: FP
ROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
ENZENE	<0.025	1.00	1.02	102	1.02	102	0	(80 - 120)	20
LUENE	<0.025	1.00	0.982	98	0.985	99	0	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	0.984	98	0.987	99	0	(80 - 120)	20
TAL XYLENES	<0.050	3.00	2.93	98	2.93	98	0	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

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GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 410014
MSD #	: 410014-04	DATE EXTRACTED	: N/A
ENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 10/06/2004
ROJECT #	: 040605	SAMPLE MATRIX	: FP
OJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
NZENE	<0.025	1.00	1.05	105	1.05	105	0	(80 - 120)	20
LUENE	<0.025	1.00	1.00	100	0.998	100	0	(80 - 120)	20
THYLBENZENE	<0.025	1.00	0.997	100	0.998	100	0	(80 - 120)	20
TAL XYLENES	<0.050	3.00	2.96	99	2.97	99	0	(80 - 120)	20

HEMIST NOTES:
A

$$\text{\% Recovery} = \frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Analytical Report

For: Ms. Jacinta Tenorio
Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107
CC:

Order Number: C410119
SDG Number:
Client Project ID:
Project: 410014-AES/BMG LANDFARM SAMPLING
Report Date: 10/20/2004
Sampled By: Client
Sample Received Date: 10/05/2004
Requisition Number:
Purchase Order:

Marty Edwards, Project Manager
medwards@stl-inc.com

SEVERN TRENT STL

STL Pensacola 3355 McLemore Drive - Pensacola FL 32514 Telephone:(850) 474-1001 Fax:(850) 478-2671

Sample Summary

Order: C410119
Date Received: 10/05/2004

Client: Pinnacle Laboratories
Project: 410014-AES/BMG LANDFARM SAMPLING

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
CELL #1 #1 @ 3'BGS/410014-01	C410119*1	Solid	09/30/2004 10:30
CELL #2 #1 @ 2.5' BGS/410014-02	C410119*2	Solid	09/30/2004 11:01
CELL #3 #1 @ 2.8' BGS/410014-03	C410119*3	Solid	09/30/2004 11:28
CELL #4 #1 @ 2.5' BGS/410014-04	C410119*4	Solid	09/30/2004 11:57

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10119-1	CELL #1 #1 @ 3'BGS/410014-01	Solid	10/05/04	09/30/04 10:30	
10119-2	CELL #2 #1 @ 2.5' BGS/410014-02	Solid	10/05/04	09/30/04 11:01	
10119-3	CELL #3 #1 @ 2.8' BGS/410014-03	Solid	10/05/04	09/30/04 11:28	
10119-4	CELL #4 #1 @ 2.5' BGS/410014-04	Solid	10/05/04	09/30/04 11:57	

Parameter	Units	Lab Sample IDs 10119-1	10119-2	10119-3	10119-4
pH (9045C)					
pH	units	7.4	7.1	7.0	6.9
Dilution Factor		1	1	1	1
Prep Date		10/05/04	10/05/04	10/05/04	10/05/04
Analysis Date		10/05/04	10/05/04	10/05/04	10/05/04
Batch ID		PHX171	PHX171	PHX171	PHX171
Prep Method		9045C	9045C	9045C	9045C
Analyst		GK	GK	GK	GK
CO2 and Forms of Alkalinity (4500D)					
Bicarbonate (2320/4500)	mg/kg dw	360	<20	550	33
Carbon Dioxide, Free	mg/kg dw	79	<20	120	130
Carbonate (2320/4500)	mg/kg dw	<20	<20	<20	<20
Hydroxide	mg/kg dw	<20	<20	<20	<20
Carbon Dioxide, Total	mg/kg dw	400	<20	610	160
Dilution Factor		20	20	20	20
Analysis Date		10/06/04	10/06/04	10/06/04	10/06/04
Batch ID		AES002	AES002	AES002	AES002
Analyst		ST	ST	ST	ST
Alkalinity (to pH 4.5) as CaCO3 (2320B)					
Alkalinity (to pH 4.5) as CaCO3	mg/kg dw	360	<25	550	33
Dilution Factor		20	20	20	20
Analysis Date		10/06/04	10/06/04	10/06/04	10/06/04
Batch ID		AES002	AES002	AES002	AES002
Analyst		ST	ST	ST	ST

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10119-1	CELL #1 #1 @ 3'BGS/410014-01	Solid	10/05/04	09/30/04 10:30	
10119-2	CELL #2 #1 @ 2.5' BGS/410014-02	Solid	10/05/04	09/30/04 11:01	
10119-3	CELL #3 #1 @ 2.8' BGS/410014-03	Solid	10/05/04	09/30/04 11:28	
10119-4	CELL #4 #1 @ 2.5' BGS/410014-04	Solid	10/05/04	09/30/04 11:57	

Parameter	Units	Lab Sample IDs 10119-1	10119-2	10119-3	10119-4
Specific Conductance (9050A)					
Specific Conductance	umhos/cm	51	13	36	6.1
Dilution Factor		1	1	1	1
Prep Date		10/16/04	10/16/04	10/16/04	10/16/04
Analysis Date		10/06/04	10/06/04	10/06/04	10/06/04
Batch ID		CDW021	CDW021	CDW021	CDW021
Prep Method		9050A	9050A	9050A	9050A
Analyst		ST	ST	ST	ST
Chloride (9251)					
Chloride	mg/kg dw	<47	<49	<45	<44
Dilution Factor		20	20	20	20
Prep Date		10/12/04	10/12/04	10/12/04	10/12/04
Analysis Date		10/12/04	10/12/04	10/12/04	10/12/04
Batch ID		CKS078	CKS078	CKS078	CKS078
Prep Method		SOP 885	SOP 885	SOP 885	SOP 885
Analyst		CR	CR	CR	CR
Sulfate as SO4 (375.4-EXT)					
Sulfate as SO4	mg/kg dw	170	<120	<110	<110
Dilution Factor		20	20	20	20
Prep Date		10/12/04	10/12/04	10/12/04	10/12/04
Analysis Date		10/12/04	10/12/04	10/12/04	10/12/04
Batch ID		SES068	SES068	SES068	SES068
Prep Method		SOP819	SOP819	SOP819	SOP819
Analyst		CR	CR	CR	CR

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10119-1	CELL #1 #1 @ 3'BGS/410014-01	Solid	10/05/04	09/30/04 10:30	
10119-2	CELL #2 #1 @ 2.5' BGS/410014-02	Solid	10/05/04	09/30/04 11:01	
10119-3	CELL #3 #1 @ 2.8' BGS/410014-03	Solid	10/05/04	09/30/04 11:28	
10119-4	CELL #4 #1 @ 2.5' BGS/410014-04	Solid	10/05/04	09/30/04 11:57	

		Lab Sample IDs			
Parameter	Units	10119-1	10119-2	10119-3	10119-4
Fluoride (340.2-EXT)					
Fluoride	mg/kg dw	11	<4.9	5.0	<4.4
Dilution Factor		20	20	20	20
Prep Date		10/09/04	10/09/04	10/09/04	10/09/04
Analysis Date		10/09/04	10/09/04	10/09/04	10/09/04
Batch ID		FLS011	FLS011	FLS011	FLS011
Prep Method		SOP 832	SOP 832	SOP 832	SOP 832
Analyst		ST	ST	ST	ST
Metals (6010B)					
Calcium	mg/kg dw	5700	6200	3000	3700
Magnesium	mg/kg dw	3300	3100	2000	2600
Potassium	mg/kg dw	2800	1500	1300	3300
Sodium	mg/kg dw	<99	<110	<88	<97
Dilution Factor		1	1	1	1
Prep Date		10/08/04	10/08/04	10/08/04	10/08/04
Analysis Date		10/09/04	10/09/04	10/09/04	10/09/04
Batch ID		PS190	PS190	PS190	PS190
Prep Method		3050B	3050B	3050B	3050B
Analyst		GSP	GSP	GSP	GSP
Quantitation Factor		98.86	106.4	88.47	96.62

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10119-5	Method Blank	Solid	10/05/04		
10119-6	Lab Control Standard % Recovery	Solid	10/05/04		
10119-7	LCS Accuracy Control Limit (%R)	Solid	10/05/04		
10119-8	Precision (%RPD) MS/MSD	Solid	10/05/04		
10119-9	MS Precision Advisory Limit (%RPD)	Solid	10/05/04		

Parameter	Units	Lab Sample IDs 10119-5	10119-6	10119-7	10119-8	10119-9
CO2 and Forms of Alkalinity (4500D)						
Bicarbonate (2320/4500)	mg/kg dw	N/A	N/A	N/A	N/A	N/A
Alkalinity (to pH 4.5) as CaCO3 (2320B)						
Alkalinity (to pH 4.5) as CaCO3	mg/kg dw	<20	100 %	90-110	1	20
Dilution Factor		20				
Analysis Date		10/06/04				
Batch ID		AES002	AES002		AES002	
Analyst		ST				
Specific Conductance (9050A)						
Specific Conductance	umhos/cm	<1.0	101 %	98-120	N/A	N/A
Dilution Factor		1				
Prep Date		10/16/04				
Analysis Date		10/06/04				
Batch ID		CDW021	CDW021			
Prep Method		9050A				
Analyst		ST				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10119-5	Method Blank	Solid	10/05/04		
10119-6	Lab Control Standard % Recovery	Solid	10/05/04		
10119-7	LCS Accuracy Control Limit (%R)	Solid	10/05/04		
10119-8	Precision (%RPD) MS/MSD	Solid	10/05/04		
10119-9	MS Precision Advisory Limit (%RPD)	Solid	10/05/04		

Parameter	Units	Lab Sample IDs 10119-5	10119-6	10119-7	10119-8	10119-9
Chloride (9251)						
Chloride	mg/kg dw	<40	95 %	90-110	0	20
Dilution Factor		20				
Prep Date		10/12/04				
Analysis Date		10/12/04				
Batch ID		CKS078	CKS078		CKS078	
Prep Method		SOP 885				
Analyst		CR				
Sulfate as SO4 (375.4-EXT)						
Sulfate as SO4	mg/kg dw	<100	99 %	90-110	0	20
Dilution Factor		20				
Prep Date		10/12/04				
Analysis Date		10/12/04				
Batch ID		SES068	SES068		SES068	
Prep Method		SOP819				
Analyst		CR				
Fluoride (340.2-EXT)						
Fluoride	mg/kg dw	<4.0	99 %	90-110	2	20
Dilution Factor		20				
Prep Date		10/09/04				
Analysis Date		10/09/04				
Batch ID		FLS011	FLS011		FLS011	
Prep Method		SOP 832				
Analyst		ST				

SEVERN TRENT STL

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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10119-5	Method Blank	Solid	10/05/04		
10119-6	Lab Control Standard % Recovery	Solid	10/05/04		
10119-7	LCS Accuracy Control Limit (%R)	Solid	10/05/04		
10119-8	Precision (%RPD) MS/MSD	Solid	10/05/04		
10119-9	MS Precision Advisory Limit (%RPD)	Solid	10/05/04		

		Lab Sample IDs				
Parameter	Units	10119-5	10119-6	10119-7	10119-8	10119-9
Metals (6010B)						
Calcium	mg/kg dw	<50	87 %	2680-4180	7 %	20
Magnesium	mg/kg dw	<50	89 %	1560-2520	3 %	20
Potassium	mg/kg dw	<100	86 %	1400-2540	2 %	20
Sodium	mg/kg dw	<100	91 %	221-579	4 %	20
Dilution Factor		1				
Prep Date		10/08/04				
Analysis Date		10/09/04				
Batch ID		PS190	PS190		PS190	
Prep Method		3050B				
Analyst		GSP				
Quantitation Factor		100.0				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
10119-10	Reporting Limit (RL)	Solid	10/05/04		

Parameter	Units	Lab Sample IDs 10119-10
CO2 and Forms of Alkalinity (4500D)		
Bicarbonate (2320/4500)	mg/kg dw	N/A
Alkalinity (to pH 4.5) as CaCO3 (2320B)		
Alkalinity (to pH 4.5) as CaCO3	mg/kg dw	20
Specific Conductance (9050A)		
Specific Conductance	umhos/cm	1.0
Chloride (9251)		
Chloride	mg/kg dw	40
Sulfate as SO4 (375.4-EXT)		
Sulfate as SO4	mg/kg dw	100
Fluoride (340.2-EXT)		
Fluoride	mg/kg dw	4.0
Metals (6010B)		
Calcium	mg/l	0.50
Magnesium	mg/l	0.50
Potassium	mg/l	1.0
Sodium	mg/l	1.0

Pinnacle Laboratories, Inc. — **Interlab Chain of Custody** — Date: 10/4/04 Page: 1 of 1

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107
(505) 344-3777 Fax (505) 344-4413

C410119

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
Cell #1 Sample #1 @ 3' BGS / 410014-01	9/30/04	1030	NAQ	
#2 #1 @ 2.5' BGS / 410014-02		1101		
#3 #1 @ 2.5' BGS / 410014-03		1128		
#4 #1 @ 2.5' BGS / 410014-04		1157		

SAMPLE ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)	Ca, Mg, K, Na	~~TDS~~ Cation/Anion Balance	Gen Chemistry: F, Cl, SO4, TDS	Alk/Bicarb/Carb, pH, EC		Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
Cell #1 Sample #1 @ 3' BGS / 410014-01						X	X	X	X														
#2 #1 @ 2.5' BGS / 410014-02						X	X	X	X														
#3 #1 @ 2.5' BGS / 410014-03						X	X	X	X														
#4 #1 @ 2.5' BGS / 410014-04						X	X	X	X														

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:	
PROJECT #:	410014	Total Number of Containers		PENSACOLA - STL-FL	X
PROJ. NAME:	AES	Chain of Custody Seals		ESL - OR	
QC LEVEL:	(STD.) IV	Received Intact?		ATEL - AZ	
QC REQUIRED:	(STANDARD) MS MSD BLANK	Received Good Cond./Cold		ATEL - MARION	
TAT:	(STANDARD) RUSH!!	LAB NUMBER:		ATEL - MELMORE	
				EHL	
DUE DATE:	10/15	COMMENTS:		GEL	
RUSH SURCHARGE:	—			U OF MIAMI	
CLIENT DISCOUNT:	—			WCAS	
SPECIAL CERTIFICATION REQUIRED:	YES (NO)			WOHL	

RELINQUISED BY: 1.	RELINQUISED BY: 2.
Signature: Francine Tenorio Time: 1700	Signature: Time:
Printed Name: Francine Tenorio Date: 10/4/04	Printed Name: Date:
Pinnacle Laboratories, Inc.	Company
RECEIVED BY: 1.	**RECEIVED BY: 2.**
Signature: Karen Hedana Time: 1000	Signature: Time:
Printed Name: Date: 10-5-04	Printed Name: Date:
Company STL	Company

STL Pensacola

PROJECT SAMPLE INSPECTION FORM

SEVERN TRENT STL

Lab Order #: C410119 Date Received: 10-5-04

1.	Was there a Chain of Custody?	(Yes)	No*	
2.	Was Chain of Custody properly filled out and relinquished?	(Yes)	No*	
3.	Were all samples properly labeled and identified?	(Yes)	No*	
4.	*Were samples received cold?* (Criteria: 0.1° - 6°C: STL-SOP 1055)	(Yes)	No*	N/A
5.	Did samples require splitting or compositing*?	Yes*	(No)	
6.	Were samples received in proper containers for analysis requested?	(Yes)	No*	
7.	Were all sample containers received intact?	(Yes)	No*	
8.	Were samples checked for preservative? *(Check pH of all H_2O requiring preservative (STL-PN SOP 917) except VOA vials that require zero headspace)**	Yes	No*	(N/A)
9.	Is there sufficient volume for analysis requested?	(Yes)	No*	N/A (Can)
10.	Were samples received within Holding Time? (REFER TO STL-SOP 1040)	(Yes)	No*	
11.	*Is Headspace (bubble) visible > ¼" diameter in VOA vial(s)?**	Yes*	No	(N/A)
12.	Were Trip Blanks Received?	Yes	No	(N/A)
13.	If yes, was analysis of Trip Blanks requested?	Yes	No	(N/A)
14.	Were MS/MSD-specific bottles provided?	Yes	No*	(N/A)
15.	If any issues, how was PM notified?	PSIF ☐	Verbal ☐	

Airbill Number(s): 12 878 168 01 4442 7169 Delivery By: (UPS) FedEx HD BUS DHL PE

(HD – Hand Delivery)

Cooler Number(s) & Temp(s) °C: Client 4-6°C (IR-1)

(IE. #340L, 4°C, IR-1 – COOLER NUMBER, TEMPERATURE, THERMOMETER NUMBER)

Comments (reference item numbers above and list sample IDs/Tests where appropriate):

cancel TDS and Cation/Anion Balance per Francine @ PINNACLE

NM 10/6/04

Inspected By: [illegible] Date: 10-5-04 Logged By: UK Date: 05-OCT-04

* Note all Out-of-Control and/or questionable events on Comment Section of this form. For holding times, the analytical department will flag immediate hold time samples (pH, Dissolved O2, Residual Cl) as out of hold time, therefore, these samples will not be documented on this PSIF.

* All volatile samples requested to be split or composited must be done in the Volatile Lab. Document: "Volatile sample values may be compromised due to sample splitting (compositing)"

* All pH results for North Carolina, and other requested projects are to be recorded on the pH log provided (STL-SOP 938).

* According to EPA, a bubble of ¼" or less is acceptable in 40 ml vials requiring volatile analysis. According to Florida DEP, excess headspace in liquid TCLP volatile containers shall be documented.

ANY PERSON MAKING OR ADDING COMMENTS TO ANY PART OF THIS PSIF MUST INITIAL AND DATE ALL CORRECTIONS, COMMENTS AND/OR INSTRUCTIONS.

SEVERN TRENT STL

Organic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
D	The result was obtained from a dilution.
E	The result exceeds the calibration range.
J	Estimated value because the analyte concentration is less than the reporting limit.
M	A matrix effect was present.
N	Presumptive evidence of a compound. The compound was identified qualitatively or as a Tentatively Identified Compound.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
P	Second-column or detector confirmation exceeded method criteria. Appropriate value is reported and data is flagged/qualified as instructed by method/regulation.
U or < or ND	The analyte was not detected.
*	The result is not within control limit(s).

Inorganic Data Qualifiers for Final Report

B	The analyte was detected in the method blank and in the client's sample.
E	The reported value is estimated because of the presence of interference.
J	Estimated value because the analyte concentration is less than the reporting limit.
N	The spiked sample recovery is not within control limits.
N/C	Not Calculable. Either the sample spiked was > 4X spike concentration, or the compound was diluted out, or the results of sample duplicate analysis were <RL.
U or < or ND	The analyte was not detected.
*	Duplicate analysis not within control limits
M	The duplicate injection precision was not met.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance and post spike recovery is greater than or equal to 40%, the sample is flagged with a "W" and no further action is required.
+	The Standard Additions Correlation Coefficient is <0.995.
L	The result is not within control limit(s).

It is permissible to submit an Out-of-Control Events/Corrective Action form and/or Case Narrative in lieu of using above qualifiers.

When the laboratory receives a sample that does not meet EPA requirements for sample collection, preservation or holding time, the laboratory is required to reject the samples. The client must be notified and asked whether the lab should proceed with analysis. Data from any samples that do not meet sample acceptance criteria (collection, preservation and holding time), must be flagged, or noted on a corrective action form or case narrative, or addressed on the Project Sample Inspection Form (PSIF) in an unambiguous manner clearly defining the nature and substance of the variation. NPDES samples from North Carolina that do not meet EPA requirements for sample collection, preservation or holding time are non-reportable for NPDES compliance monitoring.

Abbreviations

ND	Not Detected at or above the STL Pensacola reporting limit (RL)
NS	Not Submitted
NA	Not Applicable
MDL	STL Pensacola Method Detection Limit
RL	STL Pensacola Reporting Limit
NoMS	Not enough sample provided to prepare and/or analyze a method-required matrix spike (MS) and/or duplicate (MSD)
TIC	Tentatively Identified Compound

Florida Projects Inorganic/Organic

Refer to FL DEP 62-160; Table 4 Data Qualifier Codes. FL DEP Rule 62-160, Table 1 lists the Florida sites which require data qualifiers.

Arizona DEQ Projects

Any qualified data submitted to Arizona DEQ (ADEQ) after January 1, 2001 must be designated using the Arizona Data Qualifiers as developed by the Arizona ELAC technical subcommittee. Refer to the ADEQ qualifier list.

Severn Trent Laboratories Inc.
STL Pensacola • 3355 McLemore Dr • Pensacola, FL 32514
Tel 850 474 1001 Fax 850 484 5315 • *www.stl-inc.com*

SEVERN TRENT STL

STL PENSACOLA
Certifications, Memberships & Affiliations

Alabama *Department of Environmental Management, Laboratory ID No. 40150 (Drinking Water by Reciprocity with FL)*

Arizona *Department of Health Services, Lab ID No. AZ0589 (Hazardous Waste & Wastewater)*

Arkansas *Department of Pollution Control and Ecology, (88-0689) (Environmental)*

California *Department of Health Services,* ***ELAP*** *Laboratory ID No. 2510 (Hazardous Waste and Wastewater)*

Connecticut *Department of Health Services, Connecticut Lab Approval No. PH-0697 (D W, H W and Wastewater)*

Florida *DOH,* ***NELAP*** *Laboratory ID No. E81010 (Drinking Water, Hazardous Waste and Wastewater)*

Florida *DEP/DOH CompQAP # 980156*

Illinois *Environmental Laboratory Accreditation Program (ELAP),* ***NELAP*** *Laboratory ID No. 200041 (Wastewater and Hazardous Waste)*

Iowa *Department of Natural Resources, Laboratory ID No. 367 (Wastewater, UST, Solid Waste, & Contaminated Sites)*

Kansas *Department of Health & Environment,* ***NELAP*** *Laboratory ID No. E10253 (Wastewater and Hazardous Waste)*

Kentucky *NR&EPC, Laboratory ID No. 90043 (Drinking Water)*

Kentucky *Petroleum Storage Tank Env Assurance Fund, Laboratory ID No. 0053 (UST)*

Louisiana *DEQ, LELAP,* ***NELAP*** *Laboratory ID No. 02075, Agency Interest ID 30748 (Environmental)*

Maryland *DH&MH Laboratory ID No. 233 (Drinking Water by Reciprocity with Florida)*

Massachusetts *DEP, Laboratory ID No. M-FL094 (Wastewater)*

Michigan *Bureau of E&OccH, Laboratory ID No.9912 (Drinking Water by Reciprocity with Florida)*

New Hampshire *DES ELAP,* ***NELAP*** *Laboratory ID No. 250502 (Drinking Water & Wastewater)*

New Jersey *DEP&E,* ***NELAP*** *Laboratory ID No. FL006 (Wastewater and Hazardous Waster)*

North Carolina *DENR, Laboratory ID No. 314 (Hazardous Waste and Wastewater)*

North Dakota *DH&Consol Labs, Laboratory ID No. R-108 Wastewater and Hazardous Waste by Reciprocity with Arizona)*

Oklahoma *Department of Environmental Quality, Laboratory ID No. 9810 (Hazardous Waste and Wastewater)*

Pennsylvania *Department of Environmental Resources,* ***NELAP*** *Laboratory ID No. 68-467 (Drinking Water & Wastewater)*

South Carolina *DH&EC, Laboratory ID No. 96026 (Wastewater & Solids/Hazardous Waste by Reciprocity with FL)*

Tennessee *Department of Health & Environment, Laboratory ID No. 02907 (Drinking Water)*

Virginia *Department of General Services, Laboratory ID No. 00008 (Drinking Water by Reciprocity with FL)*

West Virginia *DOE, Office of Water Resources, Laboratory ID No. 136 (Haz Waste and Wastewater)*

EPA ICR *(Information Collection Rule) Approved Laboratory, Laboratory ID No. ICRFL031*

NFESC *(Naval Facilities Engineering Services Center)*

USACE *(United States Army Corps. of Engineers), MRD*

STL Pensacola also has a foreign soil permit to accept soils from locations other than the continental United States. Permit No. S-37599

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 10-1-04 PAGE: 1 OF 1

PLI Accession #: 410014

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animus Environmental

ADDRESS: 624 E. Comanche, Farmington, NM 87401

PHONE: 564-2281

FAX: 324-2022

BILL TO: AES

COMPANY:

ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject		(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:	Major Cations/Anions	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
Cell #1 Sample #1 @ 3' BGS	9-30-04	1030	Soil	01	X					X																X			X				7
Cell #2 Sample #1 @ 2.5' BGS	9-30-04	1101	Soil	02	X					X																X			X				7
Cell #3 Sample #1 @ 2.8' BGS	9-30-04	1128	Soil	03	X					X																X			X				7
Cell #4 Sample #1 @ 2.5' BGS	9-30-04	1157	Soil	04	X					X																X			X				7

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.: 040605

PROJ. NAME: BMG landfarm Sampling

P.O. NO.:

SHIPPED VIA: Bus

SAMPLE RECEIPT

NO. CONTAINERS	28
CUSTODY SEALS	Y / N / (NA)
RECEIVED INTACT	yes
(BLUE ICE)/ICE	28°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐1 WEEK (NORMAL) X
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐NM ☐SDWA ☐AZ ☐OTHER

METHANOL PRESERVATION ☐ METALS ☐TOTAL ☐DISSOLVED

COMMENTS:

Samples Collected at: Benon-Martin-Greer Centralized Surface Waste Management Facility.

RELINQUISHED BY: 1.
Signature: Ross Kennemer Time: 0709
Printed Name: Ross Kennemer Date: 10-1-04
Company:
See Reverse side (Force Majeure)

RELINQUISHED BY: 2.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: 1.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: (LAB) 2.
Signature: Francine Tarrio Time: 1735
Printed Name: Francine Tarrio Date: 10/1/04
Pinnacle Laboratories Inc.

AES
Animas Environmental Services, LLC
624 E. Comanche • Farmington, NM 87401
TEL 505-564-2281 • FAX 505-324-2022

January 7, 2005

Mike Dimond
Benson-Montin-Greer Drilling Corporation
4900 College Blvd
Farmington, New Mexico 87402

RE: Results of December, 2004, Treatment Zone Monitoring at BMG's Centralized Surface Waste Management Facility, Rio Arriba County, New Mexico

Dear Mr. Dimond:

On December 10, 2004, Animas Environmental Services, LLC (AES) completed the quarterly treatment zone monitoring and sampling of the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility, located near the Canada Ojitos Unit (COU) Gas Plant in Rio Arriba County, New Mexico.

Sampling Procedures

As required by the New Mexico Oil Conservation Division (NMOCD) permit for this facility, one random soil sample was collected from each of the four treatment cells. Samples were collected at 2 feet below surface grade from each treatment cell. A stainless steel hand auger, which was decontaminated between each sampling point to prevent cross-contamination, was used to collect the samples. Once collected, each sample container was labeled with the date, sample location, sample type and sampler's initials. The containers were placed in a chilled, insulated cooler at 4°C until delivered to the analytical laboratory, Pinnacle Laboratories, Albuquerque, New Mexico. A Chain of Custody was completed at the time the samples were delivered to the laboratory.

Laboratory Analytical Methods

Each soil sample was analyzed for total petroleum hydrocarbons (TPH) per EPA Method 418.1 and benzene, toluene, ethylbenzene and xylene (BTEX) per EPA Method 8021. Samples collected for BTEX analysis were field-preserved with methanol at the time of collection with materials supplied by the analyzing laboratory.

Treatment Zone Monitoring Results

Based on AES's observations of the treatment cells at the time of sample collection, it is apparent that Treatment Cells #1, #2, and #3 are being tilled on a frequent basis. Soils within these cells were very loose, and no weeds or other vegetation, which would indicate infrequent tilling, were observed. No hydrocarbon stained soils were observed on the surface of any of the cells, and no hydrocarbon odors were noted during sample

collection. As observed during previous sampling events, Treatment Cell #4 appears to not be in use.

Laboratory analysis results for all samples collected were below the method detection limit. The sample collection point for each treatment cell, as well as the associated analytical results, are presented on Figure 1. Laboratory analytical reports have also attached.

The next monitoring and sampling event is scheduled to be completed during the week of March 21, 2005.

If you have any questions regarding the sampling procedures or results, please do not hesitate to contact me or Elizabeth McNally at (505) 564-2281.

Sincerely,

Ross Kennemer
Project Manager

Attachments: Figure 1 Treatment Zone Monitoring Locations
Pinnacle Laboratory Analytical Reports

Files/2004/BMG/Landfarm Sampling/gcbmg010705.doc

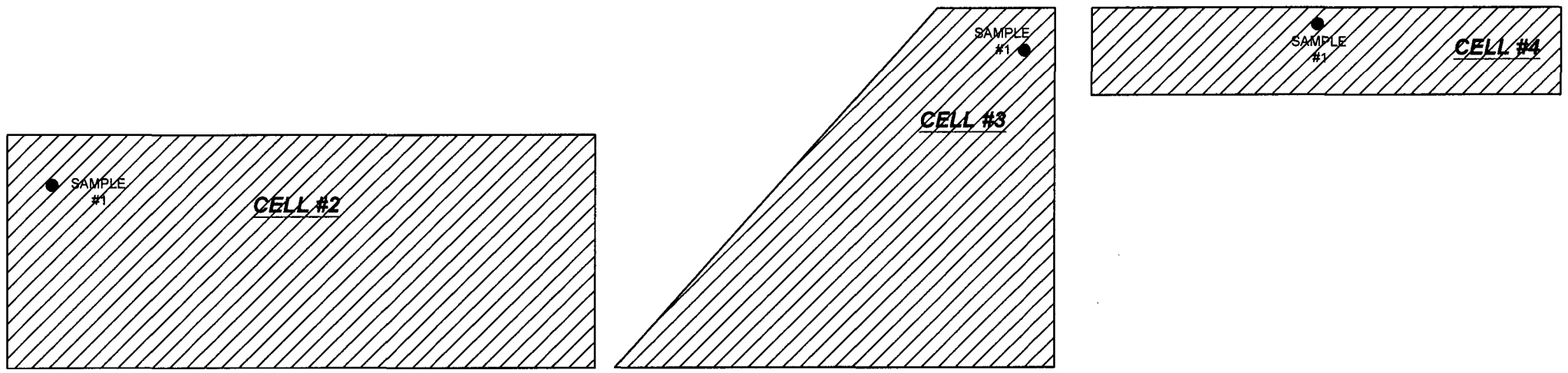

FIGURE 1

LANDFARM WITH TREATMENT ZONE MONITORING LOCATIONS DECEMBER, 2004

BMG
CENTRALIZED SURFACE WASTE
MANAGEMENT FACILITY
NW1/4, NW1/4, SEC. 20, T25N, R1E,
RIO ARRIBA, CO., NM

Drn. By:	MRK	Date:	01/07/05
Rev. By:		Date:	

file:bmg/landfarm/sp.dwg

AES
Animas Environmental Services, LLC

LEGEND

● SAMPLE COLLECTION POINT

NOTE: BTEX ANALYZED PER EPA METHOD 8021 AND TPH ANALYZED PER EPA METHOD 418.1. ALL RESULTS REPORTED AS MG/KG OR PPM.

SCALE

150 0 150
75
(1 INCH = 150 FEET)

N

TABLE 1.
SUMMARY OF QUARTERLY TREATMENT ZONE MONITORING
DECEMBER, 2004

LANDFARM I.D.	SAMPLE I.D.	SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (FT.)	BENZENE (MG/KG)	TOLUENE (MG/KG)	ETHYL BENZENE (MG/KG)	XYLENE (MG/KG)	TPH (MG/KG)
CELL #1	#1	N 36° 23.387' W 106° 52.070'	12/10/2004	2	<0.025	<0.025	<0.025	<0.050	<20
CELL #2	#1	N 36° 23.429' W 106° 52.023'	12/10/2004	2	<0.025	<0.025	<0.025	<0.050	<20
CELL #3	#1	N 36° 23.373' W 106° 51.823'	12/10/2004	2	<0.025	<0.025	<0.025	<0.050	<20
CELL #4	#1	N 36° 23.363' W 106° 51.784'	12/10/2004	2	<0.025	<0.025	<0.025	<0.050	<20

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number **412217**
December 23, 2004

ANIMAS ENVIRONMENTAL SERVICES
624 EAST COMMANCHE
FARMINGTON, NM 87401

Project Name BMG LANDFARM SAMPLING
Project Number (NONE)

Attention: ROSS KENNEMER

On 12/13/2004 Pinnacle Laboratories Inc., (ADHS License No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE ID	: 412217
PROJECT #	: (NONE)	DATE RECEIVED	: 12/13/2004
PROJECT NAME	: BMG LANDFARM SAMPLING	REPORT DATE	: 12/23/2004

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
412217 - 01	CELL #1 @ 2'	NON-AQ	12/10/2004
412217 - 02	CELL #2 @ 2'	NON-AQ	12/10/2004
412217 - 03	CELL #3 @ 2'	NON-AQ	12/10/2004
412217 - 04	CELL #4 @ 2'	NON-AQ	12/10/2004

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 412217
PROJECT #	: (NONE)	DATE RECEIVED	: 12/13/2004
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2'	NON-AQ	12/10/2004	12/19/2004	12/19/2004	1
02	CELL #2 @ 2'	NON-AQ	12/10/2004	12/19/2004	12/19/2004	1
03	CELL #3 @ 2'	NON-AQ	12/10/2004	12/19/2004	12/19/2004	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2'	CELL #2 @ 2'	CELL #3 @ 2'
PETROLEUM HYDROCARBONS	20	MG/KG	< 20	< 20	< 20
DRY WEIGHT (%)			91	86	85

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
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Fax (505) 344-4413

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 412217
PROJECT #	: (NONE)	DATE RECEIVED	: 12/13/2004
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 2'	NON-AQ	12/10/2004	12/19/2004	12/19/2004	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 2'
PETROLEUM HYDROCARBONS	20	MG/KG	< 20
DRY WEIGHT (%)			84

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
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Fax (505) 344-4413

GENERAL CHEMISTRY - REAGENT BLANK
418.1

CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	PINNACLE I.D.	: 412217
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	REAGENT BLANK I.D.	SAMPLE RESULT	DATE ANALYZED	ANALYST
PETROLEUM HYDROCARBONS	121904	<20	12/19/04	BP

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GENERAL CHEMISTRY - QUALITY CONTROL
LCS/LCSD

TEST	: 418.1		
LCS/LCSD #	: 121904	PINNACLE I.D.	: 412217
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE EXTRACTED	: 12/19/2004
PROJECT #	: (NONE)	DATE ANALYZED	: 12/19/2004
PROJECT NAME	: BMG LANDFARM SAMPLING	SAMPLE MATRIX	: NON-AQ
		UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
PETROLEUM HYDROCARBONS	<20	318	303	95	295	93	3	(75 - 125)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

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Fax (505) 344-4413

GENERAL CHEMISTRY - QUALITY CONTROL
MS/MSD

TEST	: 418.1	PINNACLE I.D.	: 412217
MSMSD #	: 412217-01	DATE EXTRACTED	: 12/19/2004
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 12/19/2004
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
PETROLEUM HYDROCARBONS	<20	318	290	91	281	88	3	(75 - 125)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG LANDFARM SAMPLING

PINNACLE I.D. : 412217
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	CELL #1 @ 2'	NON-AQ	12/10/2004	NA	12/16/2004	1
02	CELL #2 @ 2'	NON-AQ	12/10/2004	NA	12/16/2004	1
03	CELL #3 @ 2'	NON-AQ	12/10/2004	NA	12/16/2004	1

PARAMETER	DET. LIMIT	UNITS	CELL #1 @ 2'	CELL #2 @ 2'	CELL #3 @ 2'
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050	< 0.050	< 0.050
METHYL-t-BUTYL ETHER	0.13	MG/KG	< 0.13	< 0.13	< 0.13
SURROGATE:					
BROMOFLUOROBENZENE (%)			98	97	101
SURROGATE LIMITS	(80 - 120)				
DRY WEIGHT (%)			91	86	85

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B - METHANOL PRESERVATION
CLIENT : ANIMAS ENVIRONMENTAL SERVICES
PROJECT # : (NONE)
PROJECT NAME : BMG LANDFARM SAMPLING

PINNACLE I.D. : 412217
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	CELL #4 @ 2'	NON-AQ	12/10/2004	NA	12/16/2004	1

PARAMETER	DET. LIMIT	UNITS	CELL #4 @ 2'
BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050
METHYL-t-BUTYL ETHER	0.13	MG/KG	< 0.13
SURROGATE:			
BROMOFLUOROBENZENE (%)			99
SURROGATE LIMITS	(80 - 120)		
DRY WEIGHT (%)			84

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021B	PINNACLE I.D.	: 412217
BLANK I. D.	: 121504B	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 12/16/2004
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM SAMPLING	ANALYST	: BP

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.050
METHYL-t-BUTYL ETHER	MG/KG	<0.13
SURROGATE:		
BROMOFLUOROBENZENE (%)		97
SURROGATE LIMITS:		

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021B	PINNACLE I.D.	: 412217
BATCH #	: 121504B	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 12/16/2004
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.03	103	0.999	100	3	(80 - 120)	20
TOLUENE	<0.025	1.00	1.02	102	1.00	100	2	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.01	101	0.985	99	3	(80 - 120)	20
TOTAL XYLENES	<0.050	3.00	3.03	101	2.95	98	3	(80 - 120)	20
METHYL-t-BUTYL ETHER	<0.13	1.00	0.890	89	0.900	90	1	(70 - 133)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021B	PINNACLE I.D.	: 412217
MSMSD #	: 412217-04	DATE EXTRACTED	: N/A
CLIENT	: ANIMAS ENVIRONMENTAL SERVICES	DATE ANALYZED	: 12/16/2004
PROJECT #	: (NONE)	SAMPLE MATRIX	: FP
PROJECT NAME	: BMG LANDFARM SAMPLING	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	0.997	100	1.06	106	6	(80 - 120)	20
TOLUENE	<0.025	1.00	1.04	104	1.10	110	6	(80 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.02	102	1.09	109	7	(80 - 120)	20
TOTAL XYLENES	<0.050	3.00	3.06	102	3.26	109	6	(80 - 120)	20
METHYL-t-BUTYL ETHER	<0.13	1.00	0.967	97	1.05	105	8	(70 - 133)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 12-10-04 PAGE: 1 OF 1

ACCESSION #: [illegible]

SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Ross Kennemer

COMPANY: Animas Environmental
ADDRESS: 624 E. Comanche
Farmington, NM 87401
PHONE: 564-2281
FAX: 324-2022
BILL TO: AES
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject		(M8015) Gas/Purge & Trap	8021 (BTEX)/~~8015 (Gasoline) MTBE~~	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐		8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
Cell #1 @ 2'	12-10-04	1015	Soil	-01	X				X																								4
Cell #2 @ 2'	12-10-04	1032	Soil	-02	X				X																								4
Cell #3 @ 2'	12-10-04	1050	Soil	-03	X				X																								4
Cell #4 @ 2'	12-10-04	1121	Soil	-04	X				X																								4

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION

PROJ. NO.:
PROJ. NAME: BMG Landfarm Sampling
P.O. NO.:
SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS: 16
CUSTODY SEALS: Y/N/NA
RECEIVED INTACT: Y
BLUE ICE/ICE: 4.2°C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS.

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐1 WEEK (NORMAL) ☐
*NOT AVAILABLE ON ALL ANALYSES
CERTIFICATION REQUIRED ☐NM ☐SDWA ☐AZ ☐OTHER
METHANOL PRESERVATION ☐ METALS ☐TOTAL ☐DISSOLVED

COMMENTS:
Site Name:
BMG Centralized Surface Waste Management Facility

RELINQUISHED BY: 1.
Signature: Ross Kennemer Time: 0715
Printed Name: Ross Kennemer Date: 12-13-04
Company:
See Reverse side (Force Majeure)

RECEIVED BY: 1.
Signature: Time:
Printed Name: Date:
Company:

RELINQUISHED BY: 2.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: (LAB) 2.
Signature: [signature] Time: 1250
Printed Name: [illegible] Date: 12.13.04
Pinnacle Laboratories Inc.

PLEASE FILL THIS FORM IN COMPLETELY.

ATTACHMENT II

2004 Inspections of Evap. Pond Leak Detection System

BENSON-MONTIN-GREER DRILLING CORP.
NW/4 SECTION 20, T25N, R1E, NMPM, Rio Arriba County, NM
Permit NM-02-0004

Monthly Evaporation Impoundment Monitor Tube Fluid Levels.

For Calendar Year January 04 **to December** 04

Date	Monitor Reading Taken by:	Level (Inches)	Change in fluid level from prior Month (Inches)
Jan- 5/04	Ben L Gonzales	1"	—
Feb- 11/04	Ben L Gonzales	1"	—
Mar- 17/04	Ben L Gonzales	1"	—
Apr- 2/04	Ben L Gonzales	1"	—
May- 5/04	Ben L Gonzales	1"	—
Jun- 9/04	Ben L Gonzales	1"	—
Jul- 6/04	Ben L Gonzales	1"	—
Aug- 23/04	Pearl Trujillo	2"	1"
Sep- 3/04	Ben L Gonzales	1"	-1 Pumped out Fluid
Oct- 1/04	Pearl Trujillo	1"	—
Nov- 4/04	Pearl Trujillo	1"	—
Dec- 3/04	Pearl Trujillo	1"	—

ATTACHMENT III
2004 Evap. Pond Water Analysis

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

January 12, 2004

Mr. Steve Owen
Benson Montin Greer Drilling Corp.
4900 College Blvd.
Farmington, NM 87401

Phone (505) 325-8874
Fax (505) 327-9207

Client No.: 99074-005
Job No.: 907405

Dear Mr. Owen,

Enclosed are the analytical results for the sample collected from the location designated as "Llaves". One water sample was collected by Benson Montin Greer personnel on 1/09/04, and received by the Envirotech laboratory on 01/12/04 for BTEX per USEPA 8021 analysis.

The sample was documented on Envirotech Chain of Custody No. 11730 and assigned Laboratory No. 27510 (COU Evaporation Pit) for tracking purposes.

The sample was analyzed on 01/12/04 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

enc.

CMW/cmw

C:/files/labreports/benson.wpd

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	BMG	Project #:	99074-005
Sample ID:	COU Evaporation Pit	Date Reported:	01-12-04
Chain of Custody:	11730	Date Sampled:	01-09-04
Laboratory Number:	27510	Date Received:	01-12-04
Sample Matrix:	Water	Date Analyzed:	01-12-04
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**27.0**	**1**	**0.2**
Toluene	**25.7**	**1**	**0.2**
Ethylbenzene	**6.5**	**1**	**0.2**
p,m-Xylene	**19.1**	**1**	**0.2**
o-Xylene	**8.2**	**1**	**0.1**
Total BTEX	**86.5**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**96 %**
	1,4-difluorobenzene	**96 %**
	4-bromochlorobenzene	**96 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **Llaves.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS
QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	01-12-BTEX QA/QC	Date Reported:	01-12-04
Laboratory Number:	27510	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-12-04
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	4.2776E-002	4.2862E-002	**0.20%**	**ND**	**0.2**
Toluene	4.8966E-002	4.8975E-002	**0.02%**	**ND**	**0.2**
Ethylbenzene	7.4036E-002	7.4185E-002	**0.20%**	**ND**	**0.2**
p,m-Xylene	6.8275E-002	6.8288E-002	**0.02%**	**ND**	**0.2**
o-Xylene	5.5866E-002	5.6034E-002	**0.30%**	**ND**	**0.1**

Duplicate Conc. (ug/L)	Sample	Duplicate	%Diff.	Accept Limit
Benzene	**27.0**	**26.7**	**1.1%**	**0 - 30%**
Toluene	**25.7**	**25.6**	**0.4%**	**0 - 30%**
Ethylbenzene	**6.5**	**6.3**	**3.1%**	**0 - 30%**
p,m-Xylene	**19.1**	**18.7**	**2.1%**	**0 - 30%**
o-Xylene	**8.2**	**8.0**	**2.4%**	**0 - 30%**

Spike Conc. (ug/L)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Limits
Benzene	**27.0**	**50.0**	**76**	**98.8%**	**39 - 150**
Toluene	**25.7**	**50.0**	**75.1**	**99.2%**	**46 - 148**
Ethylbenzene	**6.5**	**50.0**	**56.4**	**99.8%**	**32 - 160**
p,m-Xylene	**19.1**	**100**	**118**	**98.8%**	**46 - 148**
o-Xylene	**8.2**	**50.0**	**58.1**	**99.8%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for sample 27510.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

11730

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BMG	? Lloves	
Sampler: BG.	Client No. 99074 - 005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021						Remarks
COU Evaporation P.t	1/9/04	-	27510	Water	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
x Chris Martin	x 1-12-04	x 9:45	Mitch M Walto	1/12/04	9:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Steve Owen

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Benson Montin Greer	Project #:	99074-005
Sample ID:	Llaves Evaporation Pond	Date Reported:	01-14-04
Laboratory Number:	27528	Date Sampled:	01-13-04
Chain of Custody No:	11736	Date Received:	01-14-04
Sample Matrix:	Water	Date Extracted:	01-14-04
Preservative:	Cool	Date Analyzed:	01-14-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Llaves.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-14-TPH QA/QC	Date Reported:	01-14-04
Laboratory Number:	27528	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-14-04
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-29-03	1.8591E-002	1.8572E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-29-03	1.5507E-002	1.5476E-002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/L)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/L)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for sample 27528.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

11736

Client / Project Name: Benson Montin Greer

Project Location: Llaves

Sampler: B G

Client No. 99074-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH						Remarks
Llaves Evaporation Pond	1/13/04	PM	27528	Water	7	✓						

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1-14-04	7:23	[signature]	1-14-04	07:23
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		