

APPENDIX E

Air Quality Monitoring & Health/Safety Environmental Monitoring Records

ENVIRONMENTAL MONITORING RECORD

SITE: Du Pont Groundwater PROJECT NO. 04-3404/2.1
AOCs 1 thru 3

DATE: 10-5-05

[illegible]

- (1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other
- (2) Unit for PID - ppm; CGI -%LEL ; FID - ppm; GM Detector - cpm
- (3) Corrective Actions taken must be documented, on reverse side of this form whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

Instrument Information			
PID	Mfr: <i>Mini RAE</i>	MDL/SN# <i>2000/5554</i>	Cal Due Date: <i>None Given</i>
CGI	Mfr:	MDL/SN#	Cal Due Date:
FID	Mfr: <i>Micro FID</i>	MDL/SN# <i>IS/61442</i>	Cal Due Date: <i>None Given</i>
Other:	Mfr:	MDL/SN#	Cal Due Date:

Action Levels:

PID: 0.5ppm

CGI: >10%LEL

FID: 0.5 ppm

MiniRam: 0.75 mg/cm²

L-3 (GM): cpm

Recorded By: Ken Marlon

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* Readings are for breathing zone unless otherwise noted



CABRERA SERVICES

ANALYSIS • SAMPLING • SERVICES

HEALTH AND SAFETY

ENVIRONMENTAL MONITORING RECORD

SITE: DUPONT

PROJECT NO. 04-3404.00 / TASK 2.1

DATE: 10/05/05 - 10/06/05

Time	Monitoring Location	Instrument (1)	Reading (2)	Corrective Action (3)
0910	BZ-MW-5	PID	3.3	N/A
0940	↓	↓	0.3	↓
1000	↓	↓	0.4	↓
1030	BZ-MW-5	PID	0.2	N/A
0830	BZ-MW-6/MW-7	PID	0.2	N/A
0900	↓	↓	0.3	↓
0930	BZ-MW-6/MW-7	↓	0.4	↓
1230	BZ-MW-11	↓	0.2	↓
1300	↓	↓	0.4	↓
1330	BZ-MW-11	PID	0.3	↓
1345	BZ-MW-11	PID	0.1	N/A

(1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other)

(2) Unit for PID - ppm; CGI - %LEL ; FID - ppm; GM Detector - cpm

(3) Corrective Actions taken must be documented, on reverse side of this form

whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

PID	Mfr: <u>MSA</u>	MDL/SN# <u>PASSPORT CABRERA 1127/1170</u>	Cal Due Date: <u>Annual due 5-18-05</u>
CGI	Mfr: <u>Biosystems</u>	MDL/SN# <u>PhDLife Cabera 1169 10623</u>	Cal Due Date: <u>Annual 9-27-04</u>
FID	Mfr:	MDL/SN#	Cal Due Date:
Other:	Mfr:	MDL/SN#	Cal Due Date:

Comments:

BZ = Breathing Zone
N/A = Not Applicable.

Recorded By: Anna-Lisa Marcum

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ENVIRONMENTAL MONITORING RECORD

SITE: DuPont Groundwater

PROJECT NO. 04-3404.00 Task 2.1

DATE: 10-7-05

[illegible]

- (1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other
- (2) Unit for PID - ppm; CGI -%LEL ; FID - ppm; GM Detector - cpm
- (3) Corrective Actions taken must be documented, on reverse side of this form whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

Instrument Information			
PID	Mfr: <i>MiniRAE</i>	MDL/SN# <i>2000/5554</i>	Cal Due Date: <i>None given</i>
CGI	Mfr:	MDL/SN#	Cal Due Date:
FID	Mfr: <i>microF20</i>	MDL/SN# <i>E15/01442</i>	Cal Due Date: <i>None given</i>
Other:	Mfr:	MDL/SN#	Cal Due Date:

Action Levels:

PID: 0.5ppm
CGI: >10%LEL
FID: 0.5 ppm

MiniRam: 0.75 mg/cm²
L-3 (GM): cpm

Recorded By: Ken Marion

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CABRERA SERVICES

ANALYTICAL • ENVIRONMENTAL • REMEDIATION

HEALTH AND SAFETY
ENVIRONMENTAL MONITORING RECORD

SITE: Du Pont Groundwater PROJECT NO. 04-3404.00 Task 2.1

DATE: 10-10-05

Time	Monitoring Location	Instrument (1)	Reading (2)	Corrective Action (3)
0830	MW-24A, AOC 2	PID	0 ppm	
0830	MW-24A, AOC 2	FID	0 ppm	
1045	MW-16, AOC 2	PID	0 ppm	
1045	MW-16, AOC 2	FID	0 ppm	0.3 ppm over weekend

(1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other)

(2) Unit for PID - ppm; CGI - %LEL ; FID - ppm; GM Detector - cpm

(3) Corrective Actions taken must be documented, on reverse side of this form
whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

PID	Mfr: <u>MiniRAE</u>	MDL/SN# <u>2000/5554</u>	Cal Due Date: <u>None given</u>
CGI	Mfr:	MDL/SN#	Cal Due Date:
FID	Mfr: <u>microFID</u>	MDL/SN# <u>I/S/01492</u>	Cal Due Date: <u>None given</u>
Other:	Mfr:	MDL/SN#	Cal Due Date:

Action Levels:

PID: 0.5ppm
CGI: >10%LEL
FID: 0.5 ppm

MiniRam: 0.75 mg/cm2
L-3 (GM): cpm

Recorded By: Ken Marion

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ENVIRONMENTAL MONITORING RECORD

SITE: MW-26A

PROJECT NO.

DATE: 10/11/05

[illegible]

- (1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other _____)
- (2) Unit for PID - ppm; CGI - %LEL ; FID - ppm; GM Detector - cpm
- (3) Corrective Actions taken must be documented, on reverse side of this form whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

Instrument Information			
PID	Mfr:	MDL/SN#	Cal Due Date:
CGI	Mfr:	MDL/SN#	Cal Due Date:
FID	Mfr:	MDL/SN#	Cal Due Date:
Other:	Mfr:	MDL/SN#	Cal Due Date:

Action Levels:

PID: 0.5ppm

CGI: >10%LEL

FID: 0.5 ppm

MiniRam: 0.75 mg/cm²

L-3 (GM): cpm

Recorded By:

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HEALTH AND SAFETY
ENVIRONMENTAL MONITORING RECORD

SITE: DUPONT PROJECT NO. 04-3401.00

DATE: 10/10/05

[illegible]

- (1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other
(2) Unit for PID - ppm; CGI -%LEL ; FID - ppm; GM Detector - cpm
(3) Corrective Actions taken must be documented, on reverse side of this form
whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

Instrument Information			
PID	Mfr: <i>MSA</i>	MDL/SN# <i>PASSPERT CARGRA 112/1170</i>	Cal Due Date: <i>Annual due 5-18-05</i>
CGI	Mfr: <i>Biosystems</i>	MDL/SN# <i>PhDLite Coburn 1169 10623</i>	Cal Due Date: <i>Annual 9-29-04</i>
FID	Mfr:	MDL/SN#	Cal Due Date:
Other:	Mfr:	MDL/SN#	Cal Due Date:

Comments:

Recorded By: Anna-Lisa Marcum

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CABRERA SERVICES

WATER • SOIL • ENVIRONMENTAL REMEDIATION

HEALTH AND SAFETY

ENVIRONMENTAL MONITORING RECORD

SITE: DuPont Groundwater PROJECT NO. 04-3404/2.1DATE: 10-12-05

Time	Monitoring Location	Instrument (1)	Reading (2)	Corrective Action (3)
0810	MW-02, AOC2	PID	0 ppm	0.1 ppm at wellhead
0810	MW-02, AOC2	FID	0 ppm	0.1 ppm at wellhead
0945	MW-19, AOC2	PID	0 ppm	
0945	MW-19, AOC2	FID	0 ppm	

(1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other)

(2) Unit for PID - ppm; CGI - %LEL ; FID - ppm; GM Detector - cpm

(3) Corrective Actions taken must be documented, on reverse side of this form

whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

PID	Mfr: <u>MiniRAM</u>	MDL/SN# <u>2000/5554</u>	Cal Due Date: <u>None Given</u>
CGI	Mfr:	MDL/SN#	Cal Due Date:
FID	Mfr: <u>MiniRAM</u>	MDL/SN# <u>IS/01442</u>	Cal Due Date: <u>None Given</u>
Other:	Mfr:	MDL/SN#	Cal Due Date:

Action Levels:

PID: 0.5ppm

CGI: >10%LEL

FID: 0.5 ppm

MiniRam: 0.75 mg/cm2

L-3 (GM): cpm

Recorded By: Ken MarionPage 1 of



CABRERA SERVICES

ANALYSIS • SERVICES • REMEDIATION

HEALTH AND SAFETY
ENVIRONMENTAL MONITORING RECORD

SITE: DUPONT PROJECT NO. _____

DATE: 10-12-05

Time	Monitoring Location	Instrument (1)	Reading (2)	Corrective Action (3)
08:50	MW-15	5877	6.18	

(1) Type of Monitoring Equipment Used (e.g., PID, CGI, FID, Other

(2) Unit for PID - ppm; CGI - %LEL ; FID - ppm; GM Detector - cpm

(3) Corrective Actions taken must be documented, on reverse side of this form

whenever readings at or above action levels are reached. Reference SSHP for action levels.

Instrument Information

PID	Mfr:	MDL/SN#	Cal Due Date:
CGI	Mfr:	MDL/SN#	Cal Due Date:
FID	Mfr:	MDL/SN#	Cal Due Date:
Other:	Mfr:	MDL/SN#	Cal Due Date:

Action Levels:

PID: 0.5ppm

MiniRam: 0.75 mg/cm²

CGI: >10%LEL

L-3 (GM): cpm

FID: 0.5 ppm

Recorded By: _____

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