0002C319138 (1-3) A319
0002C319170 (1-3)

CHAIN - OF - CUSTODY

GENERAL SERVICES ADMINISTRATION

FACILITY SUPPORT BRANCH (6PMF-M)
1500 East Bannister Rd, Kansas City Mo 64131-3088

note: Please mail report and invoice to - **Attention: Kevin Santee CIH**, at the above address. Turnaround needed: **By TUESDAY 2/22/00 (spoke to Richard)**

Sampled by & Date: 2/17/00 *Project:* Hardesty Complex

	Sample ID	Sample & Location	Analysis
1	21600-1	Fly ash from stack - just inside door (bldg3)	TCLP Lead
2	21600-2	Fly ash from stack - center of stack floor (bldg 3)	TCLP Lead
3	21600-3	Fly ash from stack - scraping from stack wall (bldg 3)	TCLP lead

Comments: **Please fax me initial results (816) 926-1779 & follow up with final report in mail later. THANKS**

Relinquished by: Kevin Santee Date: 2/18/00

Accepted by: [illegible] Date: 2-21-00 9:50am

Relinquished by: _____ Date: _____

48h..

Analyse for
TCLP RCRA
per Kevin Santee
2-25-00
RB

Phone: (816) 823-2219 Fax: (816)926-1779

0002C319138 (1-3) A319

CHAIN - OF - CUSTODY

GENERAL SERVICES ADMINISTRATION

FACILITY SUPPORT BRANCH (6PMF-M)
1500 East Bannister Rd, Kansas City Mo 64131-3088

note: Please mail report and invoice to - **Attention: Kevin Santee CIH,** at the above address. Turnaround needed: **By TUESDAY 2/22/00 (spoke to Richard)**

Sampled by & Date: 2/17/00 *Project:* Hardesty Complex

	Sample ID	Sample & Location	Analysis
1	21600-1	Fly ash from stack - just inside door (bldg3)	TCLP Lead
2	21600-2	Fly ash from stack - center of stack floor (bldg 3)	TCLP Lead
3	21600-3	Fly ash from stack - scraping from stack wall (bldg 3)	TCLP lead

Comments: **Please fax me initial results (816) 926-1779 & follow up with final report in mail later. THANKS**

Relinquished by: Kevin Santee Date: 2/18/00

Accepted by: Jayne Day Date: 2-21-00 9:50am

Relinquished by: _____ Date: _____

Phone: (816) 823-2219 Fax: (816)926-1779

Environmental Chemistry Analysis Report

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
3		Fly Ash	TCLP Arsenic*	EPA 1311/6010	NP	2/28/00	0.5	BMDL	mg/L
			TCLP Barium*	EPA 1311/6010	NP	2/28/00	0.2	BMDL	mg/L
			TCLP Cadmium*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L
			TCLP Chromium*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L
			TCLP Lead*	EPA 1311/6010	NP	2/28/00	0.3	BMDL	mg/L
			TCLP Mercury	EPA 1311/245.1	PJM	2/28/00	0.0002	BMDL	mg/L
			TCLP Selenium*	EPA 1311/6010	NP	2/28/00	0.5	BMDL	mg/L
			TCLP Silver*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L

Quality Control Data

Parameter	Duplicate % Difference	Matrix Spike % Recovery	Lab Control Std. % Recovery
Arsenic	-	-	97
Barium	-	-	103
Cadmium	-	-	99
Chromium	-	-	98
Lead	-	-	98
Mercury	1	103	103
Selenium	-	-	99
Silver	-	-	89

Reviewed & Approved: Ray Powers Title: Chemist

QUANTEM® LABORATORIES
2033 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 0002C319170
Date Received: 2/21/00
Received by: J. Day

Client: General Services Administration
Contact: Kevin Santee
Acct. No.: A319

Sampling Date: 2/17/2000
ODEQ Lab ID: 7202

Project: Hardesty Complex
Location: Stack Bldg. 3

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
1	21600-1	Fly Ash	TCLP Arsenic*	EPA 1311/6010	NP	2/28/00	0.5	BMDL	mg/L
			TCLP Barium*	EPA 1311/6010	NP	2/28/00	0.2	BMDL	mg/L
			TCLP Cadmium*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L
			TCLP Chromium*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L
			TCLP Lead*	EPA 1311/6010	NP	2/28/00	0.3	0.90	mg/L
			TCLP Mercury	EPA 1311/245.1	PJM	2/28/00	0.0002	BMDL	mg/L
			TCLP Selenium*	EPA 1311/6010	NP	2/28/00	0.5	BMDL	mg/L
			TCLP Silver*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L
2		Fly Ash	TCLP Arsenic*	EPA 1311/6010	NP	2/28/00	0.5	BMDL	mg/L
			TCLP Barium*	EPA 1311/6010	NP	2/28/00	0.2	BMDL	mg/L
			TCLP Cadmium*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L
			TCLP Chromium*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L
			TCLP Lead*	EPA 1311/6010	NP	2/28/00	0.3	BMDL	mg/L
			TCLP Mercury	EPA 1311/245.1	PJM	2/28/00	0.0002	BMDL	mg/L
			TCLP Selenium*	EPA 1311/6010	NP	2/28/00	0.5	BMDL	mg/L
			TCLP Silver*	EPA 1311/6010	NP	2/28/00	0.1	BMDL	mg/L

*Analysis performed by ODEQ Laboratory Number 7211 with Detection Limits = to their Practical Quantitation Limits

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission.

Environmental Chemistry QC Report

QuanTEM Set ID: 0002C319138
Date Received: 2/21/2000
Received by: J. Day

Date of Report: 2/22/2000
ODEQ Lab No. 7202
AIHA Lab ID: 101352
KDHE: E-10315

Analyst	Parameter	Method	Date Completed	Time Completed	LCS Recovery (%)	Recovery Limits	Blank	Units	Duplicate % RPD	Matrix Spike Recovery (%)	MSD Recovery (%)	Matrix Spike RPD
PJ M	TCLP Lead	EPA 1311/ 7420	2/22/2000	00:00	100	-	BMDL	mg/L	0	99	-	1

Authorized Signature: Ray Powers

QUANTEM® LABORATORIES
2033 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 0002CA319138
Date Received: 02/21/00
Received By: Jayne Day
Date Sampled: 02/17/00
Time Sampled: 0:00
Extraction Date:
Date of Report: 2/22/00

ODEQ Lab No. 7202
AIHA ID: 101352
KDHE ID: E-10315

Client: General Services Administration
1500 E. Bannister Rd.
Kansas City, MO 64131

Contact: Kevin Santee
Acct. No.: A319

Project: Hardesty Complex
Location:
Project No.:

QuanTEM ID	Client ID	Matrix	Parameter	Results	Practical Quantitation Limits	Method Detection Limit	Units	Date/Time Analyzed	Analyst	Method
001	21600-1	Fly ash	TCLP Lead	1.01		0.1	mg/l	02/22/00 0:00	P. Marshala	EPA 1311/7420
002	21600-2	Fly ash	TCLP Lead	0.181		0.1	mg/l	02/22/00 0:00	P. Marshala	EPA 1311/7420
003	21600-3	Fly ash	TCLP Lead	0.397		0.1	mg/l	02/22/00 0:00	P. Marshala	EPA 1311/7420

BMDL = Below Method Detection Limits
BPQL = Below Practical Quantitation Limits

Authorized Signature: Ray Powers

Tuesday, February 22, 2000

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission.