November 11, 1999

Terracon
13910 West 96th Terrace
Lenexa, Kansas 66215
(913) 492-7777 Fax: (913) 492-7443

Berkebile Nelson Immenschuh and McDowell Architects Inc.
One Kansas City Place
1200 Main Street, Suite 1515
Kansas City, MO 64105

Attn: Dale R. Duncan

RE: GSA IDC – Contract GS06P98GY0018
Work Order 7mod PSO1
Phase II Environmental Audit for the Hardesty Complex
BNIM Project Number 99042
Terracon Project No. 50997097

Dear Mr. Duncan:

Terracon has completed limited environmental site assessment services for the above-referenced site. Per the above referenced contract and work order, Terracon collected and arranged for analysis of samples from the following areas at the Hardesty Federal Complex at 607 Hardesty, in Kansas City, Missouri. The laboratory reports are attached.

SCOPE OF WORK (as provided by Berkebile Nelson Immenschuh and McDowell Architects Inc. [BNIM] and developed by GSA)

- Basin of the film processing room on the first floor of building #11. Terracon collected a single grab surface sample (GR-11) and had it analyzed for corrosivity and silver. The sample was not corrosive and silver was not detected above the reporting limit of 1.002 mg/kg.

- Oil pump area in the basement of building #3. Terracon collected a single grab surface sample (GR-3) off of the floor and had it analyzed for polychlorinated biphenyls (PCBs). PCBs were not detected above the reporting limit of 0.1998 mg/kg.

- Ash clean-out room beneath the stack in the basement of building #3. Terracon collected a single grab sample of the ash (GR-3 Basement) and had it analyzed for TCLP metals. Results of the analysis identified lead in the extract at a concentration of 7.0 mg/l. All of the other TCLP metals analyzed were below the reporting limits. The regulatory limit for TCLP lead is 5.0 mg/l. Therefore, because the regulatory limit was exceeded, the material analyzed is a characteristic hazardous waste by definition.

Terracon appreciates the opportunity to provide environmental assessment services to BNIM. If you have any questions or if we may be of further service, please give us a call at (913) 492-7777.

Sincerely,
TERRACON

John R. Rockhold, P.G., CGWP
Senior Project Manager

Joseph M. Marsh, P.E.
Associate Principal

Attachment

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

TERRACON 7857

13910 WEST 96 TERRACE
LENEXA, KS 66215

Project: 50997097
Project Name: HARDESTY FEDERAL COMPLEX
Sampler: TOM WEINHEIMER

Lab Number: 99-A16422Y
Sample ID: GR-3 BASEMENT
Sample Type: Solid Waste
Site ID:

Date Collected: 10/26/99
Time Collected: 15:15
Date Received: 10/28/99
Time Received: 9:00

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Time	Analyst	Method
Arsenic	< 0.100	mg/l	5.0	103	11/ 6/99	13:07	B.Robinson	6010B
Barium	< 1.00	mg/l	100	91	11/ 6/99	13:07	B.Robinson	6010B
Cadmium	< 0.100	mg/l	1.0	94	11/ 6/99	13:07	B.Robinson	6010B
Chromium	< 0.500	mg/l	5.0	91	11/ 6/99	13:07	B.Robinson	6010B
Lead	7.000	mg/l	5.0	112	11/ 6/99	13:07	B.Robinson	6010B
Mercury	< 0.0100	mg/l	0.20	91	11/ 3/99	7:28	B.McCord	7470A
Selenium	< 0.100	mg/l	1.0	104	11/ 6/99	13:07	B.Robinson	6010B
Silver	< 0.100	mg/l	5.0	89	11/ 6/99	13:07	B.Robinson	6010B
TCLP Extraction	Initiated				10/28/99	16:00	J. Wilson	1311

ND = Not detected at the report limit.

TCLP preparation follows method 1311, SW-846 Revision 3.

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Gail A Lage Report Date: 11/ 6/99

Theodore J. Duello, Ph.D., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Services
Eric Smith, Assistant Technical Director
Gail A Lage, Technical Services

Laboratory Certification Number: E10229

COPY 1

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 99-A164229
Sample ID: GR-8

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Gail A Lage Report Date: 11/ 6/99

Theodore J. Duello, Ph.D., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Services
Eric Smith, Assistant Technical Director
Gail A Lage, Technical Services

Laboratory Certification Number: E10229

COPY 1

PROJECT QUALITY CONTROL DATA

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch
Aroclor 1260	mg/kg	< 0.0200	0.1971	0.1667	118	17. - 145.	803
Silver	mg/kg	< 0.986	9.449	10.000	94	80 - 120	352

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Aroclor 1260	mg/kg	0.1971	0.1931	2.05	46.	803

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Aroclor 1016	mg/kg	0.1667	0.1742	104	60 - 140	803
Aroclor 1260	mg/kg	0.1667	0.1968	118	60 - 140	803
Silver	mg/kg	10.000	9.600	96	80 - 120	352

Blank Data

Analyte	Blank Value	Units	Q.C. Batch
Silver	< 1.000	mg/kg	352
Arsenic	< 0.100	mg/l	4101
Barium	< 1.00	mg/l	4101
Cadmium	< 0.100	mg/l	4101
Chromium	< 0.500	mg/l	4101
Lead	< 0.500	mg/l	4101
Mercury	< 0.0100	mg/l	986
Selenium	< 0.100	mg/l	4101
Silver	< 0.100	mg/l	4101
Aroclor 1016	< 0.0200	mg/kg	803
Aroclor 1221	< 0.0200	mg/kg	803
Aroclor 1232	< 0.0200	mg/kg	803
Aroclor 1242	< 0.0200	mg/kg	803
Aroclor 1248	< 0.0200	mg/kg	803
Aroclor 1254	< 0.0200	mg/kg	803
Aroclor 1260	< 0.0200	mg/kg	803

SPECIALIZED ASSAYS
ENVIRONMENTAL

7A-075570

REFERRING CLIENT
Account: 7857
TERRACON

15950 COLLEGE BLVD
LENEXA, KS 66219
Ph: 913-438-7717 Fax: 913-438-7718

2960 Foster Creighton Drive
Nashville, TN 37204
615-726-0177, 800-765-0980
FAX 615/726-3404

Specialized Assays: (800) 765-0980

LING CONTROL NUMBER (FOR LAB USE ONLY)

PROJECT # 50997097

P.O. #

MPLERS (Signature-Please Print) Tom Weinheimer

PROJECT NAME HARDESTY FEDERAL COMPLEX

FOR LAB USE ONLY ACC#	SAMPLE DESCRIPTION	DATE	TIME	COMP	GRAB	# OF CONT	ANALYSIS REQUESTED
	GR-3 Basement	10/26/99	15:15		X	2	TCLP metals
	GR-3	10/26/99	14:45		X	4	PCB
	GR-11	10/26/99	14:15		X	2	Corrosivity & Silver

inquished by: (Signature)	Date / Time	Received by: (Signature)	Received for Laboratory by:	Date / Time
Tom Weinheimer	10/27/99 1045			
inquished by: (Signature)	Date / Time	Received by: (Signature)	Remarks	
			Standard TAT	
inquished by: (Signature)	Date / Time	Received by: (Signature)		
inquished by: (Signature)	Date / Time	Received by: (Signature)	SAI Project #:	

For further assistance in completing the chain of custody form please refer to the instructions found on the opposite side