McKesson Corporation
One Post Street, 34th Floor
San Francisco, CA 94104
608.848.4134 Tel

Jean A. Mescher
Director, Environmental Services

McKESSON
Empowering Healthcare

Via Electronic and Certified Mail

March 13, 2013

Mr. Stephen Tzhone, Superfund Remedial Project Manager
Superfund AR/LA Enforcement Section (6SF-RA)
U.S. Environmental Protection Agency
1445 Ross Avenue
Dallas, Texas 75202

Subject: Monthly Progress Report – February 2013
Arkwood, Inc. Site, Omaha, Arkansas

Dear Mr. Tzhone:

Pursuant to Section IX (B) of the corrected Consent Decree in this matter, the following letter report is Millbrook Distribution Services' (MMI) monthly progress report.

I. CURRENT ACTIVITIES
The following is a general description of Work (as defined in the Consent Decree) activities commenced or completed during this reporting period:

During Febuary, we operated the main treatment system, collected operational samples and conducted Site maintenance activities. In addition to collecting samples for laboratory analysis of pentachlorophenol, field samples were collected to measure pH, temperature and dissolved oxygen. At the request of the ADEQ, the effluent sample collection location is documented each month. Water samples were collected on February 24, 2013. The analytical data was forwarded electronically to Mr. Ruben Moya and Mr. Mark Moix of the ADEQ at an earlier date and is also attached to this report. A summary of the data is attached for reference. Samples at the spring mouth and weir will continue to be collected once per month.

II. PROJECT DATA
Attached.

III. PROJECTED ACTIVITIES

March: MMI plans to continue ongoing operations and Site maintenance activities. An Annual Report documenting site activities during 2012 will be submitted.
April: MMI plans to continue ongoing operations and Site maintenance activities.
May: MMI plans to continue ongoing operations and Site maintenance activities

9412117

IV. PROBLEMS ENCOUNTERED OR ANTICIPATED
None.

I certify that the information contained in or accompanying this submission is true, accurate, and complete to the best of my knowledge, information and belief, and that I, as project coordinator, have made reasonable inquiry into its veracity.

If you have any questions regarding this monthly progress report, please do not hesitate to contact me at (608) 848-4134.

Sincerely,

Jean A. Mescher, Project Coordinator
Director, Environmental Services

Enclosure

Copy:

- Mark Moix, ADEQ*
- EPA Assistant Regional Counsel (6C-WA)* (w/o enclosure)
- Chief, Superfund Enforcement Branch (6H-E)* (w/o enclosure)

*** CERTIFIED MAIL**

Arkwood, Inc. Site: Ozone Injection Pilot Study

Date	Variables		Spring	PCP	
	Water Inj	O3 Inj	Flow	Mouth	Weir
12/8/05			5		
12/9/05	35		5		
12/14/05	35	1lb/10 g	21	28	
12/15/05	35	1lb/10 g	30/27	29.3	
12/20/05	36	1lb/10 g	27	7.39	<5.10
12/26/05	36	1lb/10 g	27	11.4	11.1
1/2/06	36	1lb/10 g	21	42.4	35.1
1/9/06	36	1lb/10 g	20	32.4	33
1/16/06	36	1lb/10 g	27.5	32.3	<5.00
1/23/06	36	1lb/10 g	34/32	15.9	<5.00
1/30/06	36	1lb/10 g	41	34.3	<5.00
2/6/06	36	1lb/10 g	38	<5.10	<5.00
2/13/06	36	1lb/10 g	34	23.9	<5.00
2/20/06	36	1lb/10 g	21	5.53	4.19J
2/27/06	36	1lb/10 g	26	19.9	<5.00
3/6/06	34	1-2lb/10 g	16	25.1	<5.00
3/13/06	33	1-2lb/10 g	57	107	<5.00
3/20/06	32	1-2lb/10 g	48	26.2	<5.00
3/27/06	32	1-2lb/10 g	27	4.09J	<5.00
4/3/06	34	2-3lb/10 g	24	11.3	<5.00
4/10/06	33	2-3lb/10 g	16.4	39.3	<5.00
4/17/06	34	2-3lb/10 g	22	7.94	7.82
4/24/06	35	2-3lb/10 g	16	7.0	<5.00
4/27/06	33	2-3lb/10 g	50	11.3	NA
4/29/06	33	2-3lb/10 g	193	28.2	NA
5/1/06	33	2-3lb/10 g	94	23.4	7.16
5/8/06	33	2-3lb/10 g	59	52.3	23.3
5/15/06	34	2-3lb/10 g	21.7	14.9	<5.00
5/22/06	34	2-3lb/10 g	16	<5.00	<5.00
5/30/06	34	2-3lb/10 g	16.7	5.64	<5.00
6/7/06	0	0	3	253	<5.00
6/12/06	0	0	2.19	LE	LE
6/19/06	34	0	16.7	52.1	14.3
6/26/06	34	0	16.7	74.7	<5.00
7/5/06	35	0	21.7	9.8	<5.00
7/17/06	34	0	16.7	21.9	4.01J
8/7/06	34	0	16.7	23.6	18
8/14/06	34	0	16.7	<5.00	5.22
9/5-6/06	34	0	23	6.57	<5.10
9/18/06	34	0	24	6.29	<5.00
10/2/06	34	0	24	16.8	<5.00
10/16/06	34	2-3lb/10 g	41	39.6	2.22J
10/16/06	34	5-6lb/10g	81	92.3	19.4
10/18/06	34	5-6lb/10g	27	118	<5.00
11/7/06	35	2-4lb/10g	41	52.7	4.70J
11/20/06	35	2-4lb/10g	24	57.4	<5.00
11/30/06	35	5-6lb/10g	636	<50.0	<5.00
12/4/06	35	5-6lb/10g	59	<54.3	<5.00
12/6/06	35	5-6lb/10g	37	<52.6	<5.00
12/18/06	35	2-3lb/10 g	21	24.1	<5.00
1/8/07	35	2-3lb/10 g	21	16.7	<5.00
1/22/07	35	2-3lb/10 g	79	34.6	<5.00
2/5/07	35	2-3lb/10 g	27	25.9	<5.00

2/19/07	35	2-3lb/10 g	47	19.6	<5.00
3/5/07	35	2-3lb/10 g	27	<5.00	<5.00
3/19/07	35	2-3lb/10 g	25	NA	NA
4/9/07	35	2-3lb/10 g	23	<5.00	<5.00
4/23/07	35	2-3lb/10 g	30	7.27	<5.00
5/7/07	35	2-3lb/10 g	21	2.90J	<5.00
5/21/07	35	2-3lb/10 g	20	4.36J	<5.00
6/4/07	35	2-3lb/10 g	20	<5.00	<5.00
6/18/07	35	0	21	9.62	<5.00
7/9/07	35	0	20	15.0	<5.00
7/23/07	35	0	18	8.65	<5.00
8/6/07	0	0	1	191	9.19
9/10/07	35	0	23	217	26.4
9/24/07	35	0	18	16.2	19.4
10/10/07	35	2-3lb/10 g	18	5.63	1.15J
10/22/07	35	2-4lb/10g	18	1190	53.7
11/5/07	35	2-4lb/10g	18	209	7.93
11/19/07	35	2-4lb/10g	18	19.8	24.1
12/3/07	35	2-4lb/10g	18	20.1	<5.00
12/17/07	36	2-4lb/10g	32	87.4	1.20J
1/7/08	36	2-4lb/10g	23	<5.00	<5.00
1/21/08	36	2-4lb/10g	23	58	<5.00
2/4/08	36	2-4lb/10g	24	52	<5.00
2/18/08	35	2-4lb/10g	83	57	15
3/3/08	35	5-6lb/10g	580	<5.00	<5.00
3/17/08	35	5-6lb/10g	44	11	<5.00
4/7/08	35	5-6lb/10g	78	10	<5.00
4/12/08	35	5-6lb/10g	240	6.5	NA
4/13/08	35	5-6lb/10g	100	6.8	NA
4/14/08	35	5-6lb/10g	78	8.2	NA
5/10/08	36	5-6lb/10g	68	75	<5.00
5/27/08	0	0	18	189	<5.00
6/9/08	35	2-4lb/10g	30	77	<5.00
6/23/08	35	2-4lb/10g	580	5.6	<5.00
7/7/08	35	2-4lb/10g	80	194	189
7/10/08	35	5-6lb/10g	140	254	20
7/21/08	35	5-6lb/10g	42	477	<5.00
8/4/08	35	2-4lb/10g	22	108	14
8/18/08	35	2-4lb/10g	36	31	<5.00
9/1/08	35	2-4lb/10g	25	32	<5.00
9/22/08	35	2-4lb/10g	40	22	<5.00
10/6/08	35	2-4lb/10g	21	20	<5.00
10/20/08	33	2-4lb/10g	21	13	<5.00
11/3/08	35	2-4lb/10g	24	<5.00	<5.00
11/17/08	35	2-4lb/10g	30	28	<5.00
12/1/08	35	2-4lb/10g	24	12	<5.00
12/22/08	33	2-4lb/10g	24	<5.00	<5.00
1/5/09	35	2-4lb/10g	32	7.3	<5.00
1/26/09	32	2-4lb/10g	27	<5.00	<5.00
2/9/09	33	2-4lb/10g	90	<5.00	<5.00
2/23/09	33	2-4lb/10g	31	6	<5.00
3/9/09	34	2-4lb/10g	30	5.7	<5.00
3/23/09	33	2-4lb/10g	30	<5.00	<5.00
4/6/09	32	2-4lb/10g	38	5.8	<5.00
4/20/09	32	2-4lb/10g	243	8.5	<5.00
5/4/09	33	2-4lb/10g	343	8.2	8.7
5/18/09	33	2-4lb/10g	51	6.2	<5.00

6/8/09	35	2-4lb/10g	38	<5.00	<5.00
6/29/08	33	2-4lb/10g	25	9.1	<5.00
7/20/09	32	2-4lb/10g	47	39	<5.00
8/10/09	32	2-4lb/10g	23.7	31	<5.00
9/13/09	32	0	22	8	<5.00
10/12/09	32	0	104	21	<5.00
11/9/09	32	0	45	<50	<5.00
12/7/09	32	0	28	8.2	<5.00
1/10/10	32	0	42	13	<5.00
2/15/10	32	0	87	11.1	<5.00
3/15/10	32	0	35	<5.00	<5.00
4/15/10	32	0	40	9.62	<5.00
5/17/10	32	0	180	11	<5.00
6/13/10	32	0	43	15	<5.00
7/8/10	32	0	33	66	<2
8/19/10	0-20	0	17	16.3	<5.00
9/21/10	34	0	33	28.2	<5.00
10/18/10	37	0	20	14.9	<10.00
11/20/10	37	0	21	4.89	<4.00
12/16/10	37	0	24	6.15	<5.00
1/18/11	37	0	23	3.39	2.86
2/9/11	37	0	27	10.4	<10.0
3/17/11	37	0	49	14.2	<5.00
4/19/11	37	0	58	12.5	<5.00
5/2/11	0	0	310	11	NA
5/3/11	0	0	271	8.92	NA
5/4/11	0	0	156	10.8	NA
5/4/11	0	0	123	15.8	NA
5/5/11	0	0	83	18	NA
5/9/11	0	0	34	43.8	<5.00
6/9/11	0	0	7	52.4	<5.00
7/18/11	0	0	0.5	18.6	<5.00
8/15/11	0	0	1	38.9	<5.00
9/13/11	0	0	0.1	<5.00	<5.00
10/18/11	0	0	24	52.4	<5.00
11/16/11	37	0	30	30.6	<5.00
12/19/11	37	0	60	11.5	<5.00
1/19/12	37	0	32	<5.00	<5.00
2/14/12	37	0	41	6.68	<5.00
3/29/12	37	0	51	7.95	<5.00
4/18/12	37	0	23	20	<5.00
5/23/12	37	0	18	10.9	<5.00
6/11/12	37	0	17	7.13	<5.15
7/30/12	37	0	15	5.68	<5.00
8/24/12	37	0	14	<5.00	<5.00
9/24/12	0	0	0.4	73.2	<5.00
10/15/12	0	0	4.48	26.7	<5.00
11/19/12	0	0	0.73	28.8	<5.00
12/28/12	0	0	1.22	25	<1.00
1/16/13	0	0	3.72	40.5	2.12
2/24/13	0	0	4.1	45.3	<1.00

Weir			
pH	Temp	DO	Distance
7.46	17.57	341.90	12
7.07	16.08	216.40	15
7.85	15.40	209.10	12
7.91	12.46	247.60	12
6.41	13.08	241.10	12
6.71	14.26	256.30	12

NOTES: Flow rates in gallons per minute (gpm)
O3 injection rates in pounds per 10 gallons
PCP concentrations in parts per billion (ppb)
NA - not analyzed
LE - Lab Error - samples not usable

Arkansas Analytical Inc.

11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

01 March 2013

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling

SDG Number: 1302284

Enclosed are the results of analyses for samples received by the laboratory on 26-Feb-13 10:35. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✔
Containers Correct	✔
COC/Labels Agree	✔
Preservation Confirmed	✔
Received On Ice	✔
Temperature on Receipt	2.0°C

Sincerely,

Norma James

Norma James
President

This document is intended only for the use of the person(s) to whom it is expressly addressed. This document may contain information that is confidential and legally privileged. If you are not the intended recipient, you are notified that any disclosure, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please destroy.

01 March 2013

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 26-Feb-13 10:35

Arkansas Analytical Inc.

ANALYTICAL RESULTS

Lab Number: **1302284-01**
Sample Name: **Mouth**
Date/Time Collected: **2/24/13 12:05**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Pentachlorophenol	ug/L	**45.3**		2/26/13 15:52	A302315	8270D
2,4,6-Tribromophenol [surr]	%	101		2/26/13 15:52	A302315	8270D
2-Fluorophenol [surr]	%	52.1		2/26/13 15:52	A302315	8270D
Phenol-d5 [surr]	%	40.4		2/26/13 15:52	A302315	8270D

ANALYTICAL RESULTS

Lab Number: **1302284-02**
Sample Name: **Weir**
Date/Time Collected: **2/24/13 12:35**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Pentachlorophenol	ug/L	< 1.00		2/26/13 16:14	A302315	8270D
2,4,6-Tribromophenol [surr]	%	81.8		2/26/13 16:14	A302315	8270D
2-Fluorophenol [surr]	%	47.4		2/26/13 16:14	A302315	8270D
Phenol-d5 [surr]	%	35.6		2/26/13 16:14	A302315	8270D

This report must be reproduced in its entirety.

01 March 2013

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 26-Feb-13 10:35

Arkansas Analytical Inc.

QUALITY CONTROL RESULTS

Semivolatiles - Quality Control
Analyzed: 26-Feb-13 13:27 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A302315 - 3510C Modified										
Blank (A302315-BLK1)				Prepared & Analyzed: 26-Feb-13						
Pentachlorophenol	0.140	5.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	*33.3*		"	*40.0*		*83.3*	*19.3-113*			
Surrogate: 2-Fluorophenol	*22.3*		"	*40.0*		*55.8*	*13-75.4*			
Surrogate: Phenol-d5	*18.3*		"	*40.0*		*45.7*	*13.1-75.2*			
LCS (A302315-BS1)				Prepared & Analyzed: 26-Feb-13						
Pentachlorophenol	39.0	5.00	ug/L	40.0		97.5	48.5-124			
Surrogate: 2,4,6-Tribromophenol	*36.5*		"	*40.0*		*91.2*	*19.3-113*			
Surrogate: 2-Fluorophenol	*21.4*		"	*40.0*		*53.4*	*13-75.4*			
Surrogate: Phenol-d5	*18.7*		"	*40.0*		*46.8*	*13.1-75.2*			
LCS Dup (A302315-BSD1)				Prepared & Analyzed: 26-Feb-13						
Pentachlorophenol	42.6	5.00	ug/L	40.0		106	48.5-124	8.84	25	
Surrogate: 2,4,6-Tribromophenol	*37.1*		"	*40.0*		*92.6*	*19.3-113*			
Surrogate: 2-Fluorophenol	*23.2*		"	*40.0*		*58.0*	*13-75.4*			
Surrogate: Phenol-d5	*19.2*		"	*40.0*		*48.1*	*13.1-75.2*			
Matrix Spike (A302315-MS1)		**Source: 1302252-01**		Prepared & Analyzed: 26-Feb-13						
Pentachlorophenol	185	25.0	ug/L	200	0.00	92.7	29.2-146			
Surrogate: 2,4,6-Tribromophenol	*162*		"	*200*		*81.0*	*19.3-113*			
Surrogate: 2-Fluorophenol	*81.4*		"	*200*		*40.7*	*13-75.4*			
Surrogate: Phenol-d5	*78.0*		"	*200*		*39.0*	*13.1-75.2*			

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: Norma James

Norma James
President

This report must be reproduced in its entirety.

Arkansas Analytical Inc.
11701 Interstate 30, Bldg. 1, Ste. 115
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION	Project Description	Turnaround Time	Preservation Codes:	
Oxford Environmental & Safety, Inc.	Arkwood Monthly Sampling	24 Hour	1. Cool, 4 Degrees Centigrade	4. Thiosulfate for Dechlorination
14348 Nieman Rd.		48 Hour	2. Sulfuric Acid (H_2SO_4), pH < 2	5. Hydrochloric Acid(HCl)
Overland Park KS 66221	Reporting Information	72 Hour	3. Nitric Acid (HNO_3), pH < 2	6. Sodium Hydroxide (NaOH), pH > 12
	Telephone: 913-706-3422	Routine (5 Day)	TEST PARAMETERS	Bottle Type Code
Attn: Jim Fleer	Email: jfleer@oxfordeands.com	Preservative Code: 1		G = Glass; P = Plastic
		Bottle Type: GA		V = Septum; A = Amber

Sampler(s) Signature: [signature]

Sampler(s) Printed: James E. Fleer

Field Number	SAMPLE COLLECTION Date/s	Time/s	Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION	Pentachlorophenol (8270D)	Arkansas Analytical Work Order Number: 1302284
	2/24/2013	12:05	X		1	Water	Mouth	X	01
	2/24/2013	12:35	X		1	Water	Weir	X	02

1. Relinquished by: (Signature)	Date/Time	2. Received by: (Signature)
[signature]	2/25/2013 13:15	UPS
3. Relinquished by: (Signature)	**Date/Time**	**4. Received by lab: (Signature)**
UPS	2/26/13, 1035	Sydney James

SAMPLE CONDITION UPON RECEIPT IN LAB		
1. CUSTODY SEALS:	✓ Yes	___ No
2. CONTAINERS CORRECT:	___ Yes	___ No
3. COC/LABELS AGREE:	___ Yes	___ No
4. PRESERVATION CONFIRMED:	___ Yes	___ No
5. RECEIVED ON ICE:	___ Yes	___ No
6. TEMPERATURE ON RECEIPT:	2°C	
FOR COMPLETION BY LAB ONLY		

REMARKS / SAMPLE COMMENTS

MS/MSD Collected from: Weir

Flow: 9.1gpm	Temp	14.26	14.52
O_3 Power = 15%	pH	6.71	6.67
O_3 Conc: 17.0	DO%	256.3	45.3
O_3 Residual: 0.32ppm		Weir	Mouth

Revision 1
12/1/10