

Permit Number: ARR00 B163

DMR Review Form

Are All Parameters Okay?

Yes

No

Parameters exceeding the benchmark values:

Pollutant	Reported Value	Benchmark Value	Outfall #

 7/10/09
Engineer Signature / Date

7/10/09
Date information was entered into database

7/10/09
Date letter was completed

NAME Arked Machine Products INC.

ADDRESS 1101 Chevrolet DR. Arkadelphia AR. 71923

LOCATION _____

ADEQ STORM WATER DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER		DISCHARGE NUMBER	
AR008163		001	
MONITORING PERIOD			
FROM	YR	MO	DAY
07	07	01	08
	TO	YR	MO
	08	06	30

THIS FORM IS BE USED ONLY BY PRIMARY METAL INDUSTRIES FOR MONITORING UNDER PART II.B.2 OF PERMIT AR000000.

NOTICE 14334
 JUL 06 2009
 BY [Signature] PAGE 1 OF 2

ADEQ Storm Water DMR Form II.B.2 (03-04) Previous editions may not be used. E:\NPDES Storm Water\Permit Forms\Industrial\DMR Forms\DMR11B02.doc

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
pH	SAMPLE MEASUREMENT				6.26			S.U.		1/yr	Grab
	PERMIT REQUIREMENT				REPORT						
Oil and Grease (O&G)	SAMPLE MEASUREMENT				3.4			mg/L		1/yr	Grab
	PERMIT REQUIREMENT				REPORT						
Biochemical Oxygen Demand (5-Day)	SAMPLE MEASUREMENT				6.8			mg/L		1/yr	Grab
	PERMIT REQUIREMENT				REPORT						
Chemical Oxygen Demand (COD)	SAMPLE MEASUREMENT				35.0			mg/L		1/yr	Grab
	PERMIT REQUIREMENT				REPORT						
Total Suspended Solids (TSS)	SAMPLE MEASUREMENT				8.0			mg/L		1/yr	Grab
	PERMIT REQUIREMENT				REPORT						
Copper (Total)	SAMPLE MEASUREMENT				.0098			mg/L		1/yr	Grab
	PERMIT REQUIREMENT				REPORT						

NAME/TITLE PRINCIPAL EXECUTIVE
Chad Morehead
Supervisor

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY KNOWLEDGE OF THE INDIVIDUALS NAMED IN THE SUBMITTAL FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTAL IS TRUE AND CORRECT. I AM NOT PROVIDING COMPLETE AND FAIR INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 16 U.S.C. § 1001 AND 21 U.S.C. § 1315. (Penalties under these laws may include fines up to \$10,000 and/or imprisonment of between 6 months and 3 years.)

SIGNATURE PRINCIPAL EXECUTIVE/AUTHORIZED
Chad Morehead

TELEPHONE NUMBER 870 246-3053
 DATE 09/06/30
 YEAR/MONTH/DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

ADEQ STORM WATER DISCHARGE MONITORING REPORT (DMR)

NOTICE

NAME Arko Machine Products, Inc.
 ADDRESS 1161 Chevrolet DR.
Arkadele Ph. A AR. 71923

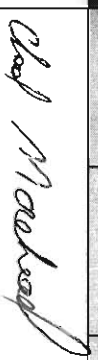
PERMIT NUMBER ARR 008163 DISCHARGE NUMBER 001

THIS FORM TO BE USED ONLY BY PRIMARY METAL INDUSTRIES FOR MONITORING UNDER PART II.B.2 OF PERMIT ARR0000008

MONITORING PERIOD
 FROM YR 07 MO 07 DAY 01 TO YR 08 MO 06 DAY 30

JUL 06 2009

FACILITY _____
 LOCATION _____

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNITS	By <input checked="" type="checkbox"/> NO. <input type="checkbox"/> EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM					
Phosphorous (Total)	SAMPLE MEASUREMENT					1.0	1.0	mg/L			1/yr	Grab
	PERMIT REQUIREMENT					REPORT	REPORT					
Cadmium (Total)	SAMPLE MEASUREMENT					<001	<601	mg/L			1/yr	Grab
	PERMIT REQUIREMENT					REPORT	REPORT					
Arsenic (Total)	SAMPLE MEASUREMENT					0066	0006	mg/L			1/yr	Grab
	PERMIT REQUIREMENT					REPORT	REPORT					
Lead (Total)	SAMPLE MEASUREMENT					0012	0012	mg/L			1/yr	Grab
	PERMIT REQUIREMENT					REPORT	REPORT					
*	SAMPLE MEASUREMENT							mg/L			1/yr	Grab
	PERMIT REQUIREMENT					REPORT	REPORT					
NAME/TITLE PRINCIPAL EXECUTIVE		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 13 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)						SIGNATURE PRINCIPAL EXECUTIVE/AUTHORIZED		TELEPHONE NUMBER	DATE	
CHAD MOREHEAD										870-246-8057	09/06/30	
SUPERVISOR												

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 * and any pollutant limited in an effluent guideline to which the facility is subject.

NAME Arko Machine Products, Inc

ADDRESS 1101 Chevrolet Dr. Arkadelphia AR. 71923

LOCATION _____

ADEQ STORM WATER DISCHARGE MONITORING REPORT (DMR)

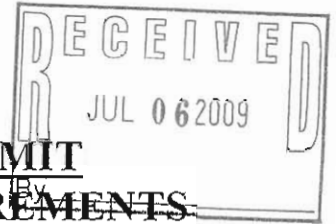
PERMIT NUMBER	ARR00B163	DISCHARGE NUMBER	001
MONITORING PERIOD			
FROM	07 07 01	TO	08 06 30

NOTICE

BLANK FORM TO BE USED ONLY BY PRIMARY METAL INDUSTRIES FOR MONITORING UNDER PART II.B.2 OF PERMIT AR00000005

JUL 06 2009

PARAMETER	QUANTITY OR LOADING	QUALITY OR CONCENTRATION			UNITS	BY NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	MINIMUM				
SAMPLE MEASUREMENT								
PERMIT REQUIREMENT								
SAMPLE MEASUREMENT								
PERMIT REQUIREMENT								
SAMPLE MEASUREMENT								
PERMIT REQUIREMENT								
SAMPLE MEASUREMENT								
PERMIT REQUIREMENT								
SAMPLE MEASUREMENT								
PERMIT REQUIREMENT								
NAME/TITLE PRINCIPAL EXECUTIVE <u>CHAD MOREHEAD</u> <u>Supervisor</u>								
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 21 U.S.C. § 1191. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)								
TYPED OR PRINTED COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)				SIGNATURE PRINCIPAL EXECUTIVE/AUTHORIZED <u>Chad Morehead</u>		TELEPHONE NUMBER <u>870-244-8057</u>		DATE <u>09/06/30</u>



STORM WATER GENERAL PERMIT
ADDITIONAL MONITORING REQUIREMENTS

The following monitoring requirements shall be in addition to those on the Discharge Monitoring Report (DMR):

FACILITY NAME: Arkco Machine Products, INC.

PERMIT TRACKING NUMBER: ARR00B163

OUTFALL NUMBER: .001

DATE OF STORM EVENT SAMPLED: 5-6-09

DURATION OF EVENT: 6 hours

ESTIMATE OF RAINFALL EVENT: 2.87 inches

TIME SINCE LAST MEASURABLE EVENT (i.e., >0.1 in.): < 1 days

ESTIMATE OF TOTAL VOLUME DISCHARGED: 5.56 Acre Inches gallons

By signature below, I certify that I have read and understand the conditions of the certification on the DMR form and described in further detail in Part III.B.9 of the general storm water permit. Furthermore, I believe that the information submitted in these additional monitoring requirements meets all conditions of such certification.

Chad Morehead
Printed Name of Official

Chad Morehead
Signature

6-30-09
Date



SORRELLS RESEARCH LABORATORY AND FIELD SERVICES



CHEMISTS
ECOLOGISTS
CONSULTANTS
PLANNERS

8100 National Drive
Little Rock, Arkansas 72209

Phone 501-562-8139
Fax 501-562-7025
Toll Free 1-800-331-8139

LABORATORY ANALYSIS

Date of Report: June 9, 2009
Date Received : May 8, 2009

For: ARKCO MACHINE PRODUCTS, INC.
P.O. BOX 96
1101 CHEVROLET DRIVE
ARKADELPHIA, AR 71923-
Job: STORMWATER ANALYSIS
Sample From: STORMWATER OUTFALL 001

ANALYTE	RESULT	UNITS	METHOD
Biochemical oxygen demand	6.800	mg/Liter	5210 B
Chemical oxygen demand	35.000	mg/Liter	5220 B
Total suspended solids	8.000	mg/Liter	2540D
Oil and grease - Gravimetric	3.400	mg/Liter	1664
Phosphorus, total	1.000	mg/Liter	4500 E
Chromium, Cr	.011200	ug/Liter	200.8
Cadmium, Cd	< .001000	ug/Liter	200.8
Copper, Cu	.009800	ug/Liter	200.8
Arsenic, As	.000620	ug/Liter	200.8
Lead, Pb	.001230	ug/Liter	200.8
Metals, Digestion for	= 1.000	ea sample	3030 D

STANDARD METHODS, 20TH ED.; EPA METHODS, 3RD ED.

Collected by:

CHAD MOREHEAD on 05/06/09 at 16:30

Analysis by :

SEE ATTACHED QUALITY ASSURANCE PAGE.

Sample preservation and Laboratory Analysis conducted according to EPA 40 CFR Part 136. Test/Analyst/Time/Coeff./Var./ QA plan filed with ADPC&E. Includes 10 % replication and 10 % recovery studies by random selection. Instruments maintained and calibrated and records kept. See Attached.

Copies to:

MR. MATTHEW OWENS
PLANT MANAGER
P.O. BOX 96
1101 CHEVROLET DRIVE
ARKADELPHIA, AR 71923-

Laboratory Number: 10542.0001 TKR Reviewed By: K. E. Sorrells, M.S. [TKR]



CHEMISTS
 ECOLOGISTS
 CONSULTANTS
 PLANNERS



SORRELLS RESEARCH LABORATORY AND FIELD SERVICES

8100 National Drive
 Little Rock, Arkansas 72209

WEF



Phone 501-562-8139
 Fax 501-562-7025
 Toll Free 1-800-331-8139

QUALITY ASSURANCE

May 8, 2009

The following QA represents SRA's Quality Assurance values for this report.

ANALYTE	ANALYST	BEG. DATE	BEG. TIME	FIN. DATE	FIN. TIME	S.D. %	SPK. REC.	#IN BAT
Biochemical oxygen demand	AP	05/08/09	1630	05/13/09	1510	3.00	100.0	3
Chemical oxygen demand	AP	05/11/09	900	05/11/09	1430	2.80	94.0	10
ICP-MS METALS	CS/AP	05/19/09	1315	05/19/09	1629	0.00	103.9	20
Oil and grease - Gravimet	MH	05/11/09	925	05/14/09	930	1.30	96.2	19
Phosphorus, total	AP	05/13/09	900	05/13/09	1500	0.80	103.0	11
Total suspended solids	AP	05/15/09	1100	05/15/09	1630	0.73	93.0	49

Field PH/TEMP/D.O. Sampler or Courier/ at time of sampling or pick up
 Sample preservation and laboratory analysis conducted according to EPA
 40 CFR Part 136 TEST/ANALYST/TIME/COEF. VAR.* QA PLAN filed with
 ADPC&E. Include replication.

KES = K. E. Sorrells
 JBS = James B. Sorrells
 CAS = Cecil A. Sorrells
 MKM = Mark Kyle McKenzie

KESII = K. E. Sorrells, II
 TJS = Todd J. Sanders
 JHD = J. Henry Dodson

Laboratory Number: 10542.0001 TKR

