



July 9, 2008  
 Control No. 120838  
 Page 1 of 19

B & M Painting Co., Inc.  
 ATTN: Mr. Derek McCasland  
 347 Van Buren  
 Camden, AR 71701

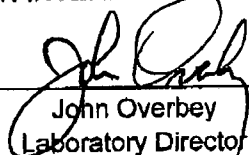
Dear Mr. Derek McCasland:

Project Description: One (1) water sample(s) received on July 2, 2008  
 Rinse Water  
 P.O. No. BM063008

This report is the analytical results and supporting information for the sample submitted to American Interplex Corporation (AIC) on July 2, 2008. The following results are applicable only to the sample identified by the control number referenced above. Accurate assessment of the data requires access to the entire document. Each section of the report has been reviewed and approved by the appropriate laboratory director or a qualified designee.

Data has been validated using standard quality control measures performed on at least 10% of the samples analyzed. Quality Assurance, instrumentation, maintenance and calibration were performed in accordance with guidelines established by the cited methodology.

**AMERICAN INTERPLEX CORPORATION**

By  \_\_\_\_\_  
 John Overbey  
 Laboratory Director

Enclosure(s): Chain of Custody



July 9, 2008  
Control No. 120838  
Page 2 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

### CASE NARRATIVE

#### SAMPLE RECEIPT

Received Temperature: 2°C

Receipt Verification:	Complete Chain of Custody	N
	Sample ID on Sample Labels	Y
	Date and Time on Sample Labels	Y
	Proper Sample Containers	Y
	Within Holding Times	Y
	Adequate Sample Volume	Y
	Sample Integrity	Y
	Proper Temperature	Y
	Proper Preservative	Y

#### COMMENTS

Aldrin and Heptachlor Epoxide failed to meet quality control acceptance criteria due to matrix interferences.

#### QUALIFIERS

Qualifiers	Definition
Q	Analyte is not within quality control limits
R	n-Nitrosodiphenylamine cannot be separated from diphenylamine
X	Spiking level is invalid due to the high concentration of analyte in the spiked sample

#### References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).

"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.

"Standard Methods for the Examination of Water and Wastewaters", 20th edition, 1998.

"American Society for Testing and Materials" (ASTM).

"Association of Analytical Chemists" (AOAC).

"Self-Davis and Moore" (2000).



July 9, 2008  
Control No. 120838  
Page 3 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

ANALYTICAL RESULTS

AIC No. 120838-1

Sample Identification: B&M Painting 6/30/2008 1:00pm

Analyte	Method	Result	RL	Units	Batch	Qualifier
Total Cyanide	SM4500-CN C,E	< 0.01	0.01	mg/l	W25659	
Chromium	EPA 200.7	2.3	0.007	mg/l	S23398	
Antimony	EPA 200.8	< 0.03	0.03	mg/l	S23398	
Arsenic	EPA 200.8	< 0.001	0.001	mg/l	S23398	
Beryllium	EPA 200.8	< 0.0003	0.0003	mg/l	S23398	
Cadmium	EPA 200.8	< 0.004	0.004	mg/l	S23398	
Copper	EPA 200.8	0.36	0.006	mg/l	S23398	
Lead	EPA 200.8	< 0.001	0.001	mg/l	S23398	
Nickel	EPA 200.8	< 0.01	0.01	mg/l	S23398	
Selenium	EPA 200.8	< 0.002	0.002	mg/l	S23398	
Silver	EPA 200.8	< 0.007	0.007	mg/l	S23398	
Thallium	EPA 200.8	< 0.04	0.04	mg/l	S23398	
Zinc	EPA 200.8	0.22	0.002	mg/l	S23398	
Mercury	EPA 245.2	< 0.0002	0.0002	mg/l	S23404	
Oil and Grease	EPA 1664A	< 5	5	mg/l	B5176	
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 1.9	1.9	ug/l	B5179	
Acenaphthylene		< 3.5	3.5	ug/l	B5179	
Anthracene		< 1.9	1.9	ug/l	B5179	
Benzidine		< 44	44	ug/l	B5179	
Benzo(a)anthracene		< 5	5	ug/l	B5179	
Benzo(a)pyrene		< 2.5	2.5	ug/l	B5179	
Benzo(g,h,i)perylene		< 4.1	4.1	ug/l	B5179	
Benzo(k)fluoranthene		< 2.5	2.5	ug/l	B5179	
3,4-Benzofluoranthene		< 4.8	4.8	ug/l	B5179	
Bis(2-chloroethoxy)methane		< 5.3	5.3	ug/l	B5179	
Bis(2-chloroethyl)ether		< 5.7	5.7	ug/l	B5179	
Bis(2-chloroisopropyl)ether		< 5.7	5.7	ug/l	B5179	
Bis(2-ethylhexyl)phthalate		< 2.5	2.5	ug/l	B5179	
4-Bromophenyl phenyl ether		< 1.9	1.9	ug/l	B5179	
Butylbenzyl phthalate		< 2.5	2.5	ug/l	B5179	
2-Chloronaphthalene		< 1.9	1.9	ug/l	B5179	
2-Chlorophenol		< 3.3	3.3	ug/l	B5179	
4-Chlorophenyl phenyl ether		< 4.2	4.2	ug/l	B5179	
Chrysene		< 2.5	2.5	ug/l	B5179	
Di-n-butyl phthalate		< 2.5	2.5	ug/l	B5179	
Di-n-octyl phthalate		< 2.5	2.5	ug/l	B5179	
Dibenzo(a,h)anthracene		< 2.5	2.5	ug/l	B5179	
1,2-Dichlorobenzene		< 1.9	1.9	ug/l	B5179	
1,3-Dichlorobenzene		< 1.9	1.9	ug/l	B5179	
1,4-Dichlorobenzene		< 4.4	4.4	ug/l	B5179	
3,3'-Dichlorobenzidine		< 5	5	ug/l	B5179	
2,4-Dichlorophenol		< 2.7	2.7	ug/l	B5179	
Diethyl phthalate		< 1.9	1.9	ug/l	B5179	
Dimethyl phthalate		< 1.6	1.6	ug/l	B5179	
2,4-Dimethylphenol		< 2.7	2.7	ug/l	B5179	
4,6-Dinitro-o-cresol		< 24	24	ug/l	B5179	
2,4-Dinitrophenol		< 42	42	ug/l	B5179	
2,4-Dinitrotoluene		< 5.7	5.7	ug/l	B5179	



B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

July 9, 2008  
Control No. 120838  
Page 4 of 19

### ANALYTICAL RESULTS

AIC No. 120838-1 (Continued)

Sample Identification: B&M Painting 6/30/2008 1:00pm

Analyte	Method	Result	RL	Units	Batch	Qualifier
<b>Base/Neutral and Acid Compounds By EPA 625 (Continued)</b>						
2,6-Dinitrotoluene		< 1.9	1.9	ug/l	B5179	
1,2-Diphenylhydrazine		< 11	11	ug/l	B5179	
Fluoranthene		< 2.2	2.2	ug/l	B5179	
Fluorene		< 1.9	1.9	ug/l	B5179	
Hexachlorobenzene		< 1.9	1.9	ug/l	B5179	
Hexachlorobutadiene		< 0.9	0.9	ug/l	B5179	
Hexachlorocyclopentadiene		< 5	5	ug/l	B5179	
Hexachloroethane		< 1.6	1.6	ug/l	B5179	
Indeno(1,2,3-cd)pyrene		< 3.7	3.7	ug/l	B5179	
Isophorone		< 2.2	2.2	ug/l	B5179	
n-Nitrosodi-n-propylamine		< 0.84	0.84	ug/l	B5179	
n-Nitrosodimethylamine		< 0.96	0.96	ug/l	B5179	
n-Nitrosodiphenylamine		< 1.9	1.9	ug/l	B5179	R
Naphthalene		< 1.6	1.6	ug/l	B5179	
Nitrobenzene		< 1.9	1.9	ug/l	B5179	
2-Nitrophenol		< 3.6	3.6	ug/l	B5179	
4-Nitrophenol		< 2.4	2.4	ug/l	B5179	
p-Chloro-m-cresol		< 3	3	ug/l	B5179	
Pentachlorophenol		< 3.6	3.6	ug/l	B5179	
Phenanthrene		< 5.4	5.4	ug/l	B5179	
Phenol		< 1.5	1.5	ug/l	B5179	
Pyrene		< 1.9	1.9	ug/l	B5179	
2,3,7,8-TCDD		< 1	1	ug/l	B5179	
1,2,4-Trichlorobenzene		< 1.9	1.9	ug/l	B5179	
2,4,6-Trichlorophenol		< 2.7	2.7	ug/l	B5179	
<b>Surrogate Recovery</b>						
2-Fluorobiphenyl		76.3	-	%	B5179	
2-Fluorophenol		66.3	-	%	B5179	
Nitrobenzene-D5		79.9	-	%	B5179	
Phenol-D5		57.9	-	%	B5179	
Terphenyl-D14		96.1	-	%	B5179	
2,4,6-Tribromophenol		73.7	-	%	B5179	
<b>Volatile Organic Compounds By EPA 624</b>						
Acrolein		< 50	50	ug/l	V6699	
Acrylonitrile		< 20	20	ug/l	V6699	
Benzene		< 4.4	4.4	ug/l	V6699	
Bromoform		< 4.7	4.7	ug/l	V6699	
Carbon tetrachloride		< 2	2	ug/l	V6699	
Chlorobenzene		< 6	6	ug/l	V6699	
Chlorodibromomethane		< 3.1	3.1	ug/l	V6699	
Chloroethane		< 8.7	8.7	ug/l	V6699	
2-Chloroethylvinyl ether		< 5.1	5.1	ug/l	V6699	
Chloroform		8.8	1.6	ug/l	V6699	
1,2-Dichlorobenzene		< 5	5	ug/l	V6699	
1,3-Dichlorobenzene		< 5	5	ug/l	V6699	
1,4-Dichlorobenzene		< 5	5	ug/l	V6699	
Dichlorobromomethane		< 2.2	2.2	ug/l	V6699	
1,1-Dichloroethane		< 4.7	4.7	ug/l	V6699	



B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

July 9, 2008  
Control No. 120838  
Page 5 of 19

ANALYTICAL RESULTS

AIC No. 120838-1 (Continued)

Sample Identification: B&M Painting 6/30/2008 1:00pm

Analyte	Method	Result	RL	Units	Batch	Qualifier
<b>Volatile Organic Compounds By EPA 624 (Continued)</b>						
1,2-Dichloroethane		< 2.8	2.8	ug/l	V6699	
1,1-Dichloroethylene		< 2.8	2.8	ug/l	V6699	
trans-1,2-Dichloroethylene		< 1.6	1.6	ug/l	V6699	
1,2-Dichloropropane		< 6	6	ug/l	V6699	
cis-1,3-Dichloropropylene		< 5	5	ug/l	V6699	
trans-1,3-Dichloropropylene		< 1.3	1.3	ug/l	V6699	
Ethylbenzene		< 7.2	7.2	ug/l	V6699	
Methyl bromide(Bromomethane)		< 8.9	8.9	ug/l	V6699	
Methyl chloride(Chloromethane)		< 7.8	7.8	ug/l	V6699	
Methylene chloride		< 10	10	ug/l	V6699	
1,1,2,2-Tetrachloroethane		< 6.9	6.9	ug/l	V6699	
Tetrachloroethylene		< 4.1	4.1	ug/l	V6699	
Toluene		< 6	6	ug/l	V6699	
1,1,1-Trichloroethane		< 3.8	3.8	ug/l	V6699	
1,1,2-Trichloroethane		< 5	5	ug/l	V6699	
Trichloroethylene		< 1.9	1.9	ug/l	V6699	
Vinyl chloride		< 6.4	6.4	ug/l	V6699	
<b>Surrogate Recovery</b>						
Bromofluorobenzene		96.9	-	%	V6699	
Dibromofluoromethane		99.7	-	%	V6699	
Toluene-D8		97.8	-	%	V6699	
<b>Organochlorine Pesticides and PCBs By EPA 608</b>						
Aldrin		< 0.004	0.004	ug/l	G6996	
alpha-BHC		< 0.003	0.003	ug/l	G6996	
alpha-Endosulfan		< 0.014	0.014	ug/l	G6996	
beta-BHC		< 0.006	0.006	ug/l	G6996	
beta-Endosulfan		< 0.004	0.004	ug/l	G6996	
Chlordane		< 0.014	0.014	ug/l	G6996	
4,4'-DDD		< 0.011	0.011	ug/l	G6996	
4,4'-DDE		< 0.004	0.004	ug/l	G6996	
4,4'-DDT		< 0.012	0.012	ug/l	G6996	
delta-BHC		< 0.009	0.009	ug/l	G6996	
Dieldrin		< 0.002	0.002	ug/l	G6996	
Endosulfan sulfate		< 0.066	0.066	ug/l	G6996	
Endrin		< 0.006	0.006	ug/l	G6996	
Endrin aldehyde		< 0.023	0.023	ug/l	G6996	
gamma-BHC (Lindane)		< 0.004	0.004	ug/l	G6996	
Heptachlor		< 0.003	0.003	ug/l	G6996	
Heptachlor epoxide		0.15	0.083	ug/l	G6996	
PCB 1016		< 0.07	0.07	ug/l	G6996	
PCB 1221		< 0.2	0.2	ug/l	G6996	
PCB 1232		< 0.05	0.05	ug/l	G6996	
PCB 1242		< 0.06	0.06	ug/l	G6996	
PCB 1248		< 0.07	0.07	ug/l	G6996	
PCB 1254		< 0.2	0.2	ug/l	G6996	
PCB 1260		< 0.06	0.06	ug/l	G6996	
Toxaphene		< 0.24	0.24	ug/l	G6996	
<b>Surrogate Recovery</b>						
Decachlorobiphenyl		70.9	-	%	G6996	



July 9, 2008  
 Control No. 120838  
 Page 6 of 19

B & M Painting Co., Inc.  
 347 Van Buren  
 Camden, AR 71701

ANALYTICAL RESULTS

AIC No. 120838-1 (Continued)

Sample Identification: B&M Painting 6/30/2008 1:00pm

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Batch</u>	<u>Qualifier</u>
Organochlorine Pesticides and PCBs By EPA 608 (Continued) Tetrachloro-m-xylene		83.3	-	%	G6996	



July 9, 2008  
Control No. 120838  
Page 7 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

SAMPLE PREPARATION REPORT

AIC No. 120838-1

Analyte	Date/Time Prepared By		Date/Time Analyzed By		Dilution	Batch	Qualifier
Total Cyanide	03JUL08 0838	283	03JUL08 1231	258		W25659	
Metals	02JUL08 1605	282	07JUL08 1125	270		S23398	
Metals	02JUL08 1605	282	02JUL08 2002	270		S23398	
Mercury	03JUL08 1014	282	08JUL08 1158	257		S23404	
Oil and Grease	-		02JUL08 1120	100		B5176	
Base/Neutral and Acid Compounds	03JUL08 1055	271	04JUL08 0233	194		B5179	R
Volatile Organic Compounds			04JUL08 1942	167		V6699	
Organochlorine Pesticides and PCBs	02JUL08 1440	271	03JUL08 1329	117		G6996	



B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

July 9, 2008  
Control No. 120838  
Page 8 of 19

SAMPLE DUPLICATE RESULTS

AIC No. 120838-1	Method	Sample Result	Duplicate Result	Units	RPD	RPD Limit	Batch	Qualifier
Volatile Organic Compounds By EPA 624								
Acrolein		< 50	< 50	ug/l	0.00	33.2	V6699	
Acrylonitrile		< 20	< 20	ug/l	0.00	41.6	V6699	
Benzene		< 4.4	< 4.4	ug/l	0.00	46.1	V6699	
Bromoform		< 4.7	< 4.7	ug/l	0.00	43.1	V6699	
Carbon tetrachloride		< 2	< 2	ug/l	0.00	20	V6699	
Chlorobenzene		< 6	< 6	ug/l	0.00	37.6	V6699	
Chlorodibromomethane		< 3.1	< 3.1	ug/l	0.00	50.8	V6699	
Chloroethane		< 8.7	< 8.7	ug/l	0.00	42	V6699	
2-Chloroethylvinyl ether		< 5.1	< 5.1	ug/l	0.00	20	V6699	
Chloroform		8.8	7.7	ug/l	12.8	66	V6699	
1,2-Dichlorobenzene		< 5	< 5	ug/l	0.00	20	V6699	
1,3-Dichlorobenzene		< 5	< 5	ug/l	0.00	20	V6699	
1,4-Dichlorobenzene		< 5	< 5	ug/l	0.00	20	V6699	
Dichlorobromomethane		< 2.2	< 2.2	ug/l	0.00	62.9	V6699	
1,1-Dichloroethane		< 4.7	< 4.7	ug/l	0.00	43.1	V6699	
1,2-Dichloroethane		< 2.8	< 2.8	ug/l	0.00	20	V6699	
1,1-Dichloroethylene		< 2.8	< 2.8	ug/l	0.00	54.2	V6699	
trans-1,2-Dichloroethylene		< 1.6	< 1.6	ug/l	0.00	59.8	V6699	
1,2-Dichloropropane		< 6	< 6	ug/l	0.00	38.2	V6699	
cis-1,3-Dichloropropylene		< 5	< 5	ug/l	0.00	20	V6699	
trans-1,3-Dichloropropylene		< 1.3	< 1.3	ug/l	0.00	20	V6699	
Ethylbenzene		< 7.2	< 7.2	ug/l	0.00	48	V6699	
Methyl bromide(Bromomethane)		< 8.9	< 8.9	ug/l	0.00	37	V6699	
Methyl chloride(Chloromethane)		< 7.8	< 7.8	ug/l	0.00	47	V6699	
Methylene chloride		< 10	< 10	ug/l	0.00	40.1	V6699	
1,1,2,2-Tetrachloroethane		< 6.9	< 6.9	ug/l	0.00	45.8	V6699	
Tetrachloroethylene		< 4.1	< 4.1	ug/l	0.00	47	V6699	
Toluene		< 6	< 6	ug/l	0.00	41.2	V6699	
1,1,1-Trichloroethane		< 3.8	< 3.8	ug/l	0.00	41.7	V6699	
1,1,2-Trichloroethane		< 5	< 5	ug/l	0.00	22.6	V6699	
Trichloroethylene		< 1.9	< 1.9	ug/l	0.00	57	V6699	
Vinyl chloride		< 6.4	< 6.4	ug/l	0.00	19.3	V6699	
Surrogate Recovery								
Bromofluorobenzene			97.7	%			V6699	
Dibromofluoromethane			98.0	%			V6699	
Toluene-D8			97.7	%			V6699	





July 9, 2008  
Control No. 120838  
Page 9 of 19

B & M Painting Co., Inc.  
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**LABORATORY CONTROL SAMPLE RESULTS**

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Cyanide	0.1 mg/l	99.8/97.7	85-115	0.100	20	W25659	
Chromium	0.05 mg/l	98.8/97.5	85-115	1.31	20	S23398	
Antimony	0.05 mg/l	103/102	85-115	1.03	20	S23398	
Arsenic	0.05 mg/l	97.8/97.6	85-115	0.118	20	S23398	
Beryllium	0.05 mg/l	102/105	85-115	3.38	20	S23398	
Cadmium	0.05 mg/l	100/99.5	85-115	0.939	20	S23398	
Copper	0.05 mg/l	98.5/97.8	85-115	0.752	20	S23398	
Lead	0.05 mg/l	102/101	85-115	0.828	20	S23398	
Nickel	0.05 mg/l	101/98.1	85-115	2.71	20	S23398	
Selenium	0.05 mg/l	98.5/99.7	85-115	1.19	20	S23398	
Silver	0.02 mg/l	95.6/95.1	85-115	0.594	20	S23398	
Thallium	0.05 mg/l	103/102	85-115	1.58	20	S23398	
Zinc	0.05 mg/l	103/101	85-115	2.09	20	S23398	
Mercury	0.0025 mg/l	111/90.4	85-115	18.8	20	S23404	
Mercury	0.0025 mg/l	109	85-115	8.07	20	S23404	
Mercury	0.0025 mg/l	98.0	85-115	-		S23404	
Oil and Grease	40 mg/l	95.2/98.0	78-114	2.85	20	B5176	
<b>Base/Neutral and Acid Compounds</b>							
Acenaphthene	20 ug/l	91.1/93.5	63.4-107	2.60	15.8	B5179	
Acenaphthylene	20 ug/l	88.6/90.6	70.4-107	2.18	44	B5179	
Anthracene	20 ug/l	92.3/92.4	68.3-104	0.108	13.8	B5179	
Benzo(a)anthracene	20 ug/l	94.3/99.0	33-143	4.91	25	B5179	
Benzo(a)pyrene	20 ug/l	95.8/97.8	17-163	2.17	25	B5179	
Benzo(g,h,i)perylene	20 ug/l	83.0/83.0	69-119	0.0602	22.6	B5179	
Benzo(k)fluoranthene	20 ug/l	106/117	57.3-126	10.1	30	B5179	
3,4-Benzofluoranthene	20 ug/l	94.8/105	70.1-106	10.6	17.5	B5179	
Bis(2-chloroethoxy)methane	20 ug/l	95.2/101	59.8-106	5.41	14.8	B5179	
Bis(2-chloroethyl)ether	20 ug/l	91.8/96.1	50.4-103	4.58	16	B5179	
Bis(2-chloroisopropyl)ether	20 ug/l	89.1/93.9	59.6-108	5.25	15.8	B5179	
Bis(2-ethylhexyl)phthalate	20 ug/l	106/113	45.8-130	6.61	16.2	B5179	
4-Bromophenyl phenyl ether	20 ug/l	94.4/99.6	42.3-109	5.31	18.8	B5179	
Butylbenzyl phthalate	20 ug/l	112/122	59-124	8.16	17	B5179	
2-Chloronaphthalene	20 ug/l	87.4/90.2	65.7-95.9	3.04	19.7	B5179	
2-Chlorophenol	20 ug/l	91.7/95.8	60.9-105	4.43	15.9	B5179	
4-Chlorophenyl phenyl ether	20 ug/l	91.6/93.4	58.4-102	1.89	14.6	B5179	
Chrysene	20 ug/l	94.4/99.3	73.4-106	5.06	30	B5179	
Di-n-butyl phthalate	20 ug/l	103/106	66.3-125	2.73	14.2	B5179	
Di-n-octyl phthalate	20 ug/l	125/142	51-145	12.9	26.4	B5179	
Dibenzo(a,h)anthracene	20 ug/l	91.4/93.9	59.9-117	2.70	36.6	B5179	
1,2-Dichlorobenzene	20 ug/l	74.2/72.5	50-94.2	2.39	37	B5179	
1,3-Dichlorobenzene	20 ug/l	69.9/66.4	41.7-101	5.14	18.5	B5179	
1,4-Dichlorobenzene	20 ug/l	71.8/69.5	46.9-103	3.19	25.3	B5179	
2,4-Dichlorophenol	20 ug/l	96.8/100	61.4-113	3.50	17.2	B5179	
Diethyl phthalate	20 ug/l	95.6/98.2	58.9-114	2.68	32	B5179	
Dimethyl phthalate	20 ug/l	96.1/100	60.3-104	4.18	28	B5179	
2,4-Dimethylphenol	20 ug/l	57.7/52.5	8.9-125	9.44	29.5	B5179	
4,6-Dinitro-o-cresol	20 ug/l	95.8/99.3	72.8-122	3.59	21.8	B5179	
2,4-Dinitrophenol	20 ug/l	82.6/79.8	49-107	3.51	61	B5179	



B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

July 9, 2008  
Control No. 120838  
Page 10 of 19

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds (Continued)							
2,4-Dinitrotoluene	20 ug/l	92.6/94.1	70.1-107	1.55	24.1	B5179	
2,6-Dinitrotoluene	20 ug/l	94.2/98.6	73.8-105	4.46	19.7	B5179	
1,2-Diphenylhydrazine	20 ug/l	91.0/95.6	71.3-110	4.93	20.3	B5179	
Fluoranthene	20 ug/l	95.4/96.7	60.8-118	1.30	40	B5179	
Fluorene	20 ug/l	99.5/103	68.8-116	3.41	25	B5179	
Hexachlorobenzene	20 ug/l	95.2/99.6	68-106	4.62	18.5	B5179	
Hexachlorobutadiene	20 ug/l	73.2/63.4	43.4-94.6	14.4	22.8	B5179	
Hexachlorocyclopentadiene	20 ug/l	83.4/98.6	42.2-99.8	16.8	31.5	B5179	
Hexachloroethane	20 ug/l	71.4/64.4	42.3-101	10.4	25.5	B5179	
Indeno(1,2,3-cd)pyrene	20 ug/l	107/109	36.1-138	1.66	29.2	B5179	
Isophorone	20 ug/l	85.8/90.0	61.9-108	4.78	13.8	B5179	
n-Nitrosodi-n-propylamine	20 ug/l	93.2/98.0	61.4-116	5.02	68	B5179	
n-Nitrosodimethylamine	20 ug/l	61.0/62.6	44.1-87.8	2.59	23.7	B5179	
n-Nitrosodiphenylamine	20 ug/l	91.3/80.3	58.6-113	12.8	20	B5179	
Naphthalene	20 ug/l	86.9/89.1	62.7-104	2.50	30	B5179	
Nitrobenzene	20 ug/l	93.1/97.5	62.1-102	4.62	16.9	B5179	
2-Nitrophenol	20 ug/l	93.3/97.2	71.7-98.5	4.15	85.9	B5179	
4-Nitrophenol	20 ug/l	81.6/79.1	45.3-100	3.11	57	B5179	
p-Chloro-m-cresol	20 ug/l	96.5/99.7	62-115	3.26	45	B5179	
Pentachlorophenol	20 ug/l	99.0/103	68.6-125	3.72	30	B5179	
Phenanthrene	20 ug/l	97.0/100	64.9-110	3.40	17	B5179	
Phenol	20 ug/l	70.5/74.2	34.6-94.6	5.05	28	B5179	
Pyrene	20 ug/l	112/122	63.9-133	8.93	22.8	B5179	
1,2,4-Trichlorobenzene	20 ug/l	77.6/75.4	53.9-102	2.87	34	B5179	
2,4,6-Trichlorophenol	20 ug/l	95.8/100	69.9-107	4.39	77.3	B5179	
Surrogate Recovery							
2-Fluorobiphenyl	50 ug/l	84.2/90.8	61-104	-	-	B5179	
2-Fluorophenol	50 ug/l	73.9/79.7	43.3-86	-	-	B5179	
Nitrobenzene-D5	50 ug/l	87.2/94.4	62.9-106	-	-	B5179	
Phenol-D5	50 ug/l	68.5/74.3	28.9-96.1	-	-	B5179	
Terphenyl-D14	50 ug/l	105/119	63.5-119	-	-	B5179	
2,4,6-Tribromophenol	50 ug/l	94.4/99.3	62-117	-	-	B5179	
Volatile Organic Compounds							
Acrylonitrile	200 ug/l	82.9/86.2	53.8-136	3.95	22.9	V6699	
Benzene	20 ug/l	90.4/96.9	71-124	6.94	15.9	V6699	
Bromoform	20 ug/l	100/100	56.1-131	0.150	26.7	V6699	
Carbon tetrachloride	20 ug/l	99.2/102	63-132	2.78	20.8	V6699	
Chlorobenzene	20 ug/l	101/101	75.5-122	0.00	16.7	V6699	
Chlorodibromomethane	20 ug/l	99.4/98.6	67.4-124	0.707	18.4	V6699	
Chloroethane	20 ug/l	101/101	68.4-133	0.446	24.9	V6699	
Chloroform	20 ug/l	97.8/98.4	71.4-123	0.561	48.7	V6699	
Dichlorobromomethane	20 ug/l	98.2/97.3	69.5-123	0.921	19.2	V6699	
1,1-Dichloroethane	20 ug/l	96.7/95.5	70.9-126	1.25	20.5	V6699	
1,2-Dichloroethane	20 ug/l	97.8/98.2	74.6-126	0.459	20.4	V6699	
1,1-Dichloroethylene	20 ug/l	100/101	74.7-130	0.249	18.3	V6699	
trans-1,2-Dichloroethylene	20 ug/l	99.8/99.7	73.8-127	0.150	20	V6699	
1,2-Dichloropropane	20 ug/l	94.2/94.0	71.9-121	0.159	16.6	V6699	



July 9, 2008  
Control No. 120838  
Page 11 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
<b>Volatile Organic Compounds (Continued)</b>							
cis-1,3-Dichloropropylene	17.57 ug/l	112/111	51.7-116	1.28	19.9	V6699	
trans-1,3-Dichloropropylene	20 ug/l	100/99.0	54.8-129	1.40	20.7	V6699	
Ethylbenzene	20 ug/l	102/101	74-123	0.936	17.3	V6699	
Methyl bromide(Bromomethane)	20 ug/l	115/110	61.4-137	4.74	24.8	V6699	
Methyl chloride(Chloromethane)	20 ug/l	97.8/97.2	49-142	0.667	28	V6699	
Methylene chloride	20 ug/l	103/102	71.7-128	1.27	19.8	V6699	
1,1,2,2-Tetrachloroethane	20 ug/l	103/102	69.7-126	0.926	27.5	V6699	
Tetrachloroethylene	20 ug/l	104/103	67.7-134	0.962	16.6	V6699	
Toluene	20 ug/l	101/99.5	73.8-124	1.35	17.2	V6699	
1,1,1-Trichloroethane	20 ug/l	99.1/99.0	65.9-126	0.151	16.8	V6699	
1,1,2-Trichloroethane	20 ug/l	99.8/100	73.7-125	0.550	20.5	V6699	
Trichloroethylene	20 ug/l	100/99.2	73.6-125	0.903	16.1	V6699	
Vinyl chloride	20 ug/l	96.6/96.2	58.6-133	0.467	23.3	V6699	
<b>Surrogate Recovery</b>							
Bromofluorobenzene	50 ug/l	100/101	90.4-109	-	-	V6699	
Dibromofluoromethane	50 ug/l	100/101	88.6-110	-	-	V6699	
Toluene-D8	50 ug/l	100/99.8	90.9-109	-	-	V6699	
<b>Organochlorine Pesticides and PCBs</b>							
Aldrin	0.1 ug/l	69.7/74.0	36.5-112	6.00	19.8	G6996	
alpha-BHC	0.1 ug/l	77.0/81.6	67.6-127	5.80	23.6	G6996	
alpha-Endosulfan	0.1 ug/l	82.1/93.4	63.7-132	12.8	19	G6996	
beta-BHC	0.1 ug/l	87.1/97.5	73.6-121	11.3	32.5	G6996	
beta-Endosulfan	0.1 ug/l	86.6/107	68.1-125	20.9	53	G6996	
4,4'-DDD	0.1 ug/l	91.1/109	67.8-122	17.6	27.5	G6996	
4,4'-DDE	0.1 ug/l	84.2/97.2	62.9-126	14.4	28.9	G6996	
4,4'-DDT	0.1 ug/l	99.0/111	62.2-126	11.7	34.6	G6996	
delta-BHC	0.1 ug/l	88.8/101	63.9-141	13.2	24.8	G6996	
Dieldrin	0.1 ug/l	90.3/103	70.1-129	13.5	18	G6996	
Endosulfan sulfate	0.1 ug/l	95.2/112	67.2-126	16.2	27	G6996	
Endrin	0.1 ug/l	81.8/76.9	62.6-117	6.21	26.6	G6996	
Endrin aldehyde	0.1 ug/l	83.4/96.3	27.9-117	14.3	53.7	G6996	
gamma-BHC (Lindane)	0.1 ug/l	82.0/88.4	64.9-123	7.51	22.1	G6996	
Heptachlor	0.1 ug/l	77.4/83.7	49.8-132	7.75	26	G6996	
Heptachlor epoxide	0.1 ug/l	79.7/89.9	67.6-125	12.0	27	G6996	
<b>Surrogate Recovery</b>							
Decachlorobiphenyl	0.1 ug/l	88.8/95.9	47.4-119	-	-	G6996	
Tetrachloro-m-xylene	0.1 ug/l	69.8/66.2	46.1-120	-	-	G6996	



July 9, 2008  
Control No. 120838  
Page 12 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

**MATRIX SPIKE SAMPLE RESULTS**

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Cyanide	0.1 mg/l	98.8/94.6	75-125	4.34	20	W25659	
Chromium	0.05 mg/l	-		-	20	S23398	X
Antimony	0.05 mg/l	102/102	75-125	0.389	20	S23398	
Arsenic	0.05 mg/l	98.6/97.6	75-125	1.10	20	S23398	
Beryllium	0.05 mg/l	112/115	75-125	2.79	20	S23398	
Cadmium	0.05 mg/l	98.5/99.0	75-125	0.479	20	S23398	X
Copper	0.05 mg/l	- / -	75-125	4.48	20	S23398	
Lead	0.05 mg/l	101/101	75-125	0.436	20	S23398	
Nickel	0.05 mg/l	97.8/96.0	75-125	1.79	20	S23398	
Selenium	0.05 mg/l	100/98.3	75-125	2.12	20	S23398	
Silver	0.02 mg/l	93.5/92.7	75-125	0.856	20	S23398	
Thallium	0.05 mg/l	103/102	75-125	0.839	20	S23398	
Zinc	0.05 mg/l	- / -	75-125	3.65	20	S23398	X
Mercury	0.0025 mg/l	102/89.2	70-130	13.4	20	S23404	
Oil and Grease	40 mg/l	104	78-114	-	20	B5176	
<b>Base/Neutral and Acid Compounds</b>							
Acenaphthene	20 ug/l	82.4	50-108	-	15.8	B5179	
Acenaphthylene	20 ug/l	78.5	50.3-108	-	44	B5179	
Anthracene	20 ug/l	79.2	53.8-111	-	13.8	B5179	
Benzo(a)anthracene	20 ug/l	82.5	54.9-115	-	25	B5179	
Benzo(a)pyrene	20 ug/l	82.0	53.4-112	-	25	B5179	
Benzo(g,h,i)perylene	20 ug/l	82.6	50.9-121	-	22.6	B5179	
Benzo(k)fluoranthene	20 ug/l	88.2	53-117	-	30	B5179	
3,4-Benzofluoranthene	20 ug/l	91.5	56.4-120	-	17.5	B5179	
Bis(2-chloroethoxy)methane	20 ug/l	82.5	55.1-108	-	14.8	B5179	
Bis(2-chloroethyl)ether	20 ug/l	83.7	50.8-105	-	16	B5179	
Bis(2-chloroisopropyl)ether	20 ug/l	77.8	51.6-108	-	15.8	B5179	
Bis(2-ethylhexyl)phthalate	20 ug/l	98.0	56.1-120	-	16.2	B5179	
4-Bromophenyl phenyl ether	20 ug/l	82.8	52.7-122	-	18.8	B5179	
Butylbenzyl phthalate	20 ug/l	98.9	58.1-119	-	17	B5179	
2-Chloronaphthalene	20 ug/l	82.1	55-103	-	19.7	B5179	
2-Chlorophenol	20 ug/l	79.2	51.6-105	-	15.9	B5179	
4-Chlorophenyl phenyl ether	20 ug/l	83.4	59.1-105	-	14.6	B5179	
Chrysene	20 ug/l	83.4	74.6-92.6	-	30	B5179	
Di-n-butyl phthalate	20 ug/l	91.1	60.6-117	-	14.2	B5179	
Di-n-octyl phthalate	20 ug/l	107	52-136	-	26.4	B5179	
Dibenzo(a,h)anthracene	20 ug/l	91.0	53.5-118	-	36.6	B5179	
1,2-Dichlorobenzene	20 ug/l	71.8	41.7-100	-	37	B5179	
1,3-Dichlorobenzene	20 ug/l	69.2	40.7-95	-	18.5	B5179	
1,4-Dichlorobenzene	20 ug/l	70.8	42.3-96	-	25.3	B5179	
2,4-Dichlorophenol	20 ug/l	86.6	63.8-113	-	17.2	B5179	
Diethyl phthalate	20 ug/l	81.8	58.3-110	-	32	B5179	
Dimethyl phthalate	20 ug/l	84.1	56.2-108	-	28	B5179	
2,4-Dimethylphenol	20 ug/l	42.4	14.3-124	-	29.5	B5179	
4,6-Dinitro-o-cresol	20 ug/l	83.2	54.4-113	-	21.8	B5179	
2,4-Dinitrophenol	20 ug/l	81.0	38.6-110	-	61	B5179	
2,4-Dinitrotoluene	20 ug/l	78.0	54.2-109	-	24.1	B5179	
2,6-Dinitrotoluene	20 ug/l	82.2	57-108	-	19.7	B5179	



B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

July 9, 2008  
Control No. 120838  
Page 13 of 19

MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds (Continued)							
1,2-Diphenylhydrazine	20 ug/l	80.0	53.7-113	-	20.3	B5179	
Fluoranthene	20 ug/l	78.2	60.5-123	-	40	B5179	
Fluorene	20 ug/l	86.2	73-109	-	25	B5179	
Hexachlorobenzene	20 ug/l	83.2	57-111	-	18.5	B5179	
Hexachlorobutadiene	20 ug/l	75.0	40.9-100	-	22.8	B5179	
Hexachlorocyclopentadiene	20 ug/l	89.6	34.4-115	-	31.5	B5179	
Hexachloroethane	20 ug/l	72.9	41.1-100	-	25.5	B5179	
Indeno(1,2,3-cd)pyrene	20 ug/l	104	52.5-121	-	29.2	B5179	
Isophorone	20 ug/l	74.8	51.1-107	-	13.8	B5179	
n-Nitrosodi-n-propylamine	20 ug/l	80.0	60.6-116	-	68	B5179	
n-Nitrosodimethylamine	20 ug/l	54.6	33.3-89	-	23.7	B5179	
n-Nitrosodiphenylamine	20 ug/l	65.5	31.7-122	-	20	B5179	
Naphthalene	20 ug/l	80.0	49.8-104	-	30	B5179	
Nitrobenzene	20 ug/l	80.4	49-114	-	16.9	B5179	
2-Nitrophenol	20 ug/l	78.7	65.8-111	-	85.9	B5179	
4-Nitrophenol	20 ug/l	66.6	45.3-100	-	57	B5179	
p-Chloro-m-cresol	20 ug/l	84.0	59.1-108	-	45	B5179	
Pentachlorophenol	20 ug/l	94.3	43.9-115	-	30	B5179	
Phenanthrene	20 ug/l	84.8	58-107	-	17	B5179	
Phenol	20 ug/l	62.6	25.3-69	-	28	B5179	
Pyrene	20 ug/l	113	48.8-115	-	22.8	B5179	
1,2,4-Trichlorobenzene	20 ug/l	75.0	46.7-99	-	34	B5179	
2,4,6-Trichlorophenol	20 ug/l	85.4	55-112	-	77.3	B5179	
Surrogate Recovery							
2-Fluorobiphenyl	50 ug/l	75.5	52.5-108	-		B5179	
2-Fluorophenol	50 ug/l	66.3	31.4-81	-		B5179	
Nitrobenzene-D5	50 ug/l	76.5	57.2-100	-		B5179	
Phenol-D5	50 ug/l	63.2	22.7-87	-		B5179	
Terphenyl-D14	50 ug/l	107	33.1-145	-		B5179	
2,4,6-Tribromophenol	50 ug/l	82.0	45.6-113	-		B5179	
Organochlorine Pesticides and PCBs							
Aldrin	0.1 ug/l	12.1	36.1-122	-	19.8	G6996	Q
alpha-BHC	0.1 ug/l	88.1	63.5-112	-	23.6	G6996	
alpha-Endosulfan	0.1 ug/l	84.8	59.1-118	-	19	G6996	
beta-BHC	0.1 ug/l	82.7	61-115	-	32.5	G6996	
beta-Endosulfan	0.1 ug/l	83.5	45.3-134	-	53	G6996	
4,4'-DDD	0.1 ug/l	97.3	47.6-122	-	27.5	G6996	
4,4'-DDE	0.1 ug/l	92.0	45.7-121	-	28.9	G6996	
4,4'-DDT	0.1 ug/l	82.6	48.9-141	-	34.6	G6996	
delta-BHC	0.1 ug/l	82.9	60.9-115	-	24.8	G6996	
Dieldrin	0.1 ug/l	90.6	75.3-111	-	18	G6996	
Endosulfan sulfate	0.1 ug/l	107	59.7-120	-	27	G6996	
Endrin	0.1 ug/l	102	59.2-119	-	26.6	G6996	
Endrin aldehyde	0.1 ug/l	75.7	49.9-115	-	53.7	G6996	
gamma-BHC (Lindane)	0.1 ug/l	83.5	72.3-125	-	22.1	G6996	
Heptachlor	0.1 ug/l	81.3	62-124	-	26	G6996	
Heptachlor epoxide	0.1 ug/l	34.6	56.6-119	-	27	G6996	Q



July 9, 2008  
Control No. 120838  
Page 14 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Organochlorine Pesticides and PCBs (Continued)							
Surrogate Recovery							
Decachlorobiphenyl	0.1 ug/l	99.6	23.6-136	-		G6996	
Tetrachloro-m-xylene	0.1 ug/l	94.1	52.9-112	-		G6996	



July 9, 2008  
Control No. 120838  
Page 15 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	PQL	QC Sample	Qual
Cyanide	SM4500-CN C,E	< 0.01	mg/l	0.01	0.01	W25659-1	
Chromium	EPA 200.7	< 0.007	mg/l	0.007	0.007	S23398-1	
Antimony	EPA 200.8	< 0.03	mg/l	0.03	0.03	S23398-1	
Arsenic	EPA 200.8	< 0.0005	mg/l	0.0005	0.0005	S23398-1	
Beryllium	EPA 200.8	< 0.0003	mg/l	0.0003	0.0003	S23398-1	
Cadmium	EPA 200.8	< 0.004	mg/l	0.004	0.004	S23398-1	
Copper	EPA 200.8	< 0.006	mg/l	0.006	0.006	S23398-1	
Lead	EPA 200.8	< 0.0005	mg/l	0.0005	0.0005	S23398-1	
Nickel	EPA 200.8	< 0.01	mg/l	0.01	0.01	S23398-1	
Selenium	EPA 200.8	< 0.002	mg/l	0.002	0.002	S23398-1	
Silver	EPA 200.8	< 0.007	mg/l	0.007	0.007	S23398-1	
Thallium	EPA 200.8	< 0.04	mg/l	0.04	0.04	S23398-1	
Zinc	EPA 200.8	< 0.002	mg/l	0.002	0.002	S23398-1	
Mercury	EPA 245.2	< 0.0002	mg/l	0.0002	0.0002	S23404-1	
Oil and Grease	EPA 1664A	< 2	mg/l	2	2	B5176-1	
<b>Base/Neutral and Acid Compounds By EPA 625</b>							
Acenaphthene		< 1.9	ug/l	1.9	5	B5179-1	
Acenaphthylene		< 3.5	ug/l	3.5	5	B5179-1	
Anthracene		< 1.9	ug/l	1.9	5	B5179-1	
Benzidine		< 44	ug/l	44	50	B5179-1	
Benzo(a)anthracene		< 5	ug/l	5	5	B5179-1	
Benzo(a)pyrene		< 2.5	ug/l	2.5	5	B5179-1	
Benzo(g,h,i)perylene		< 4.1	ug/l	4.1	5	B5179-1	
Benzo(k)fluoranthene		< 2.5	ug/l	2.5	5	B5179-1	
3,4-Benzofluoranthene		< 4.8	ug/l	4.8	5	B5179-1	
Bis(2-chloroethoxy)methane		< 5.3	ug/l	5.3	5	B5179-1	
Bis(2-chloroethyl)ether		< 5.7	ug/l	5.7	5	B5179-1	
Bis(2-chloroisopropyl)ether		< 5.7	ug/l	5.7	5	B5179-1	
Bis(2-ethylhexyl)phthalate		< 2.5	ug/l	2.5	5	B5179-1	
4-Bromophenyl phenyl ether		< 1.9	ug/l	1.9	5	B5179-1	
Butylbenzyl phthalate		< 2.5	ug/l	2.5	5	B5179-1	
2-Chloronaphthalene		< 1.9	ug/l	1.9	5	B5179-1	
2-Chlorophenol		< 3.3	ug/l	3.3	5	B5179-1	
4-Chlorophenyl phenyl ether		< 4.2	ug/l	4.2	5	B5179-1	
Chrysene		< 2.5	ug/l	2.5	5	B5179-1	
Di-n-butyl phthalate		< 2.5	ug/l	2.5	5	B5179-1	
Di-n-octyl phthalate		< 2.5	ug/l	2.5	5	B5179-1	
Dibenzo(a,h)anthracene		< 2.5	ug/l	2.5	5	B5179-1	
1,2-Dichlorobenzene		< 1.9	ug/l	1.9	5	B5179-1	
1,3-Dichlorobenzene		< 1.9	ug/l	1.9	5	B5179-1	
1,4-Dichlorobenzene		< 4.4	ug/l	4.4	5	B5179-1	
3,3'-Dichlorobenzidine		< 5	ug/l	5	20	B5179-1	
2,4-Dichlorophenol		< 2.7	ug/l	2.7	5	B5179-1	
Diethyl phthalate		< 1.9	ug/l	1.9	5	B5179-1	
Dimethyl phthalate		< 1.6	ug/l	1.6	5	B5179-1	
2,4-Dimethylphenol		< 2.7	ug/l	2.7	5	B5179-1	
4,6-Dinitro-o-cresol		< 24	ug/l	24	5	B5179-1	
2,4-Dinitrophenol		< 42	ug/l	42	5	B5179-1	
2,4-Dinitrotoluene		< 5.7	ug/l	5.7	5	B5179-1	
2,6-Dinitrotoluene		< 1.9	ug/l	1.9	5	B5179-1	



July 9, 2008  
Control No. 120838  
Page 16 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	PQL	QC Sample	Qual
<b>Base/Neutral and Acid Compounds By EPA 625</b>							
1,2-Diphenylhydrazine		< 11	ug/l	11	5	B5179-1	
Fluoranthene		< 2.2	ug/l	2.2	5	B5179-1	
Fluorene		< 1.9	ug/l	1.9	5	B5179-1	
Hexachlorobenzene		< 1.9	ug/l	1.9	5	B5179-1	
Hexachlorobutadiene		< 0.9	ug/l	0.9	5	B5179-1	
Hexachlorocyclopentadiene		< 0.78	ug/l	0.78	5	B5179-1	
Hexachloroethane		< 1.6	ug/l	1.6	5	B5179-1	
Indeno(1,2,3-cd)pyrene		< 3.7	ug/l	3.7	5	B5179-1	
Isophorone		< 2.2	ug/l	2.2	5	B5179-1	
n-Nitrosodi-n-propylamine		< 0.84	ug/l	0.84	5	B5179-1	
n-Nitrosodimethylamine		< 0.96	ug/l	0.96	5	B5179-1	
n-Nitrosodiphenylamine		< 1.9	ug/l	1.9	5	B5179-1	R
Naphthalene		< 1.6	ug/l	1.6	5	B5179-1	
Nitrobenzene		< 1.9	ug/l	1.9	5	B5179-1	
2-Nitrophenol		< 3.6	ug/l	3.6	5	B5179-1	
4-Nitrophenol		< 2.4	ug/l	2.4	5	B5179-1	
p-Chloro-m-cresol		< 3	ug/l	3	5	B5179-1	
Pentachlorophenol		< 3.6	ug/l	3.6	5	B5179-1	
Phenanthrene		< 5.4	ug/l	5.4	5	B5179-1	
Phenol		< 1.5	ug/l	1.5	5	B5179-1	
Pyrene		< 1.9	ug/l	1.9	5	B5179-1	
2,3,7,8-TCDD		< 1	ug/l	1	5	B5179-1	
1,2,4-Trichlorobenzene		< 1.9	ug/l	1.9	5	B5179-1	
2,4,6-Trichlorophenol		< 2.7	ug/l	2.7	5	B5179-1	
<b>Surrogate Recovery</b>							
2-Fluorobiphenyl		74.0	%	-	-	B5179-1	
2-Fluorophenol		63.1	%	-	-	B5179-1	
Nitrobenzene-D5		77.5	%	-	-	B5179-1	
Phenol-D5		58.9	%	-	-	B5179-1	
Terphenyl-D14		83.1	%	-	-	B5179-1	
2,4,6-Tribromophenol		70.9	%	-	-	B5179-1	
<b>Volatile Organic Compounds By EPA 624</b>							
Acrolein		< 50	ug/l	50	50	V6699-1	
Acrylonitrile		< 20	ug/l	20	25	V6699-1	
Benzene		< 4.4	ug/l	4.4	5	V6699-1	
Bromoform		< 4.7	ug/l	4.7	5	V6699-1	
Carbon tetrachloride		< 2.8	ug/l	2.8	5	V6699-1	
Chlorobenzene		< 6	ug/l	6	6	V6699-1	
Chlorodibromomethane		< 3.1	ug/l	3.1	5	V6699-1	
Chloroethane		< 8.7	ug/l	8.7	8.7	V6699-1	
2-Chloroethylvinyl ether		< 5.1	ug/l	5.1	5.1	V6699-1	
Chloroform		< 1.6	ug/l	1.6	5	V6699-1	
1,2-Dichlorobenzene		< 5	ug/l	5	5	V6699-1	
1,3-Dichlorobenzene		< 5	ug/l	5	5	V6699-1	
1,4-Dichlorobenzene		< 5	ug/l	5	5	V6699-1	
Dichlorobromomethane		< 2.2	ug/l	2.2	5	V6699-1	
1,1-Dichloroethane		< 4.7	ug/l	4.7	5	V6699-1	
1,2-Dichloroethane		< 2.8	ug/l	2.8	5	V6699-1	
1,1-Dichloroethylene		< 2.8	ug/l	2.8	5	V6699-1	





B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

July 9, 2008  
Control No. 120838  
Page 17 of 19

LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	PQL	QC Sample	Qual
<b>Volatile Organic Compounds By EPA 624</b>							
trans-1,2-Dichloroethylene		< 1.6	ug/l	1.6	5	V6699-1	
1,2-Dichloropropane		< 6	ug/l	6	6	V6699-1	
cis-1,3-Dichloropropylene		< 5	ug/l	5	5	V6699-1	
trans-1,3-Dichloropropylene		< 1.3	ug/l	1.3	5	V6699-1	
Ethylbenzene		< 7.2	ug/l	7.2	7.2	V6699-1	
Methyl bromide(Bromomethane)		< 8.9	ug/l	8.9	8.9	V6699-1	
Methyl chloride(Chloromethane)		< 7.8	ug/l	7.8	7.8	V6699-1	
Methylene chloride		< 10	ug/l	10	10	V6699-1	
1,1,2,2-Tetrachloroethane		< 6.9	ug/l	6.9	6.9	V6699-1	
Tetrachloroethylene		< 4.1	ug/l	4.1	5	V6699-1	
Toluene		< 6	ug/l	6	6	V6699-1	
1,1,1-Trichloroethane		< 3.8	ug/l	3.8	5	V6699-1	
1,1,2-Trichloroethane		< 5	ug/l	5	5	V6699-1	
Trichloroethylene		< 1.9	ug/l	1.9	5	V6699-1	
Vinyl chloride		< 6.4	ug/l	6.4	6.4	V6699-1	
<b>Surrogate Recovery</b>							
Bromofluorobenzene		97.0	%	-	-	V6699-1	
Dibromofluoromethane		99.9	%	-	-	V6699-1	
Toluene-D8		97.7	%	-	-	V6699-1	
<b>Organochlorine Pesticides and PCBs By EPA 608</b>							
Aldrin		< 0.004	ug/l	0.004	0.02	G6996-1	
alpha-BHC		< 0.003	ug/l	0.003	0.02	G6996-1	
alpha-Endosulfan		< 0.014	ug/l	0.014	0.02	G6996-1	
beta-BHC		< 0.006	ug/l	0.006	0.02	G6996-1	
beta-Endosulfan		< 0.004	ug/l	0.004	0.02	G6996-1	
Chlordane		< 0.014	ug/l	0.014	0.02	G6996-1	
4,4'-DDD		< 0.011	ug/l	0.011	0.02	G6996-1	
4,4'-DDE		< 0.004	ug/l	0.004	0.02	G6996-1	
4,4'-DDT		< 0.012	ug/l	0.012	0.02	G6996-1	
delta-BHC		< 0.009	ug/l	0.009	0.02	G6996-1	
Dieldrin		< 0.002	ug/l	0.002	0.02	G6996-1	
Endosulfan sulfate		< 0.066	ug/l	0.066	0.066	G6996-1	
Endrin		< 0.006	ug/l	0.006	0.02	G6996-1	
Endrin aldehyde		< 0.023	ug/l	0.023	0.023	G6996-1	
gamma-BHC (Lindane)		< 0.004	ug/l	0.004	0.02	G6996-1	
Heptachlor		< 0.003	ug/l	0.003	0.02	G6996-1	
Heptachlor epoxide		< 0.083	ug/l	0.083	0.083	G6996-1	
PCB 1016		< 0.07	ug/l	0.07	0.07	G6996-1	
PCB 1221		< 0.2	ug/l	0.2	0.2	G6996-1	
PCB 1232		< 0.05	ug/l	0.05	0.05	G6996-1	
PCB 1242		< 0.06	ug/l	0.06	0.06	G6996-1	
PCB 1248		< 0.07	ug/l	0.07	0.07	G6996-1	
PCB 1254		< 0.2	ug/l	0.2	0.2	G6996-1	
PCB 1260		< 0.06	ug/l	0.06	0.06	G6996-1	
Toxaphene		< 0.24	ug/l	0.24	0.24	G6996-1	
<b>Surrogate Recovery</b>							
Decachlorobiphenyl		80.4	%	-	-	G6996-1	
Tetrachloro-m-xylene		82.4	%	-	-	G6996-1	



July 9, 2008  
Control No. 120838  
Page 18 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

QUALITY CONTROL PREPARATION REPORT

DUPLICATE SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Volatile Organic Compounds		04JUL08 2018	167	V6699-4	

LABORATORY CONTROL SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Cyanide	03JUL08 0841 283	03JUL08 1220 258		W25659-2	
Cyanide	03JUL08 0841 283	03JUL08 1222 258		W25659-3	
Metals	02JUL08 1606 282	02JUL08 1942 270		S23398-2	
Metals	02JUL08 1606 282	02JUL08 1947 270		S23398-3	
Mercury	03JUL08 1015 282	07JUL08 1846 257		S23404-2	
Mercury	03JUL08 1015 282	08JUL08 1444 SEEL		S23404-2	
Mercury	03JUL08 1015 282	07JUL08 1852 257		S23404-3	
Mercury	03JUL08 1015 282	08JUL08 1449 SEEL		S23404-3	
Oil and Grease	-	02JUL08 0948 100		B5176-2	
Oil and Grease	-	02JUL08 0948 100		B5176-3	
Base/Neutral and Acid Compounds	03JUL08 1056 271	04JUL08 0018 194		B5179-2	
Base/Neutral and Acid Compounds	03JUL08 1056 271	04JUL08 0103 194		B5179-3	
Volatile Organic Compounds		04JUL08 1754 167		V6699-2	
Volatile Organic Compounds		04JUL08 1830 167		V6699-3	
Organochlorine Pesticides and PCBs	02JUL08 1440 271	03JUL08 1230 117		G6996-2	
Organochlorine Pesticides and PCBs	02JUL08 1440 271	03JUL08 1245 117		G6996-3	

MATRIX SPIKE SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Cyanide	03JUL08 0841 283	03JUL08 1225 258		W25659-4	
Cyanide	03JUL08 0841 283	03JUL08 1227 258		W25659-5	
Metals	02JUL08 1606 282	02JUL08 1952 270		S23398-4	X
Metals	02JUL08 1606 282	02JUL08 1957 270		S23398-5	X
Mercury	03JUL08 1015 282	08JUL08 1454 SEEL		S23404-4	
Mercury	03JUL08 1015 282	08JUL08 1500 SEEL		S23404-5	
Oil and Grease	-	02JUL08 0948 100		B5176-4	
Base/Neutral and Acid Compounds	03JUL08 1056 271	04JUL08 0148 194		B5179-4	
Organochlorine Pesticides and PCBs	02JUL08 1440 271	03JUL08 1314 117		G6996-4	Q

LABORATORY BLANKS

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Cyanide	03JUL08 0841 283	03JUL08 1218 258		W25659-1	
Metals	02JUL08 1606 282	02JUL08 1937 270		S23398-1	
Mercury	03JUL08 1015 282	07JUL08 1841 257		S23404-1	
Oil and Grease	-	02JUL08 0948 100		B5176-1	
Base/Neutral and Acid Compounds	03JUL08 1056 271	03JUL08 2333 194		B5179-1	R
Volatile Organic Compounds		04JUL08 1906 167		V6699-1	



July 9, 2008  
Control No. 120838  
Page 19 of 19

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

QUALITY CONTROL PREPARATION REPORT

LABORATORY BLANKS

<u>Analyte</u>	<u>Date/Time Prepared By</u>	<u>Date/Time Analyzed By</u>	<u>Dilution</u>	<u>QC Sample</u>	<u>Qualifier</u>
Organochlorine Pesticides and PCBs	02JUL08 1440 271	03JUL08 1216 117		G6996-1	

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: <u>B&amp;M Painting</u>			PO No. <u>Bn063008</u>		NO OF BOTTLES	ANALYSES REQUESTED										AIC CONTROL NO: <u>120838</u>	
Project Reference: <u>Rinse Water</u>			SAMPLE MATRIX			WATER	SOIL	Volatiles	PEST	BNA	Cyanide	O:1+Grease	13 Metals	AIC PROPOSAL NO:			
Project Manager: <u>Derek McLasland</u>			G R A B	C O M P	Carrier: <u>UPS</u>												
Sampled By: <u>D. McLasland</u>					Date/Time Collected: <u>6/30/08 1:00 PM</u>		Received Temperature C: <u>20</u>										
AIC No.	Sample Identification	Date/Time Collected													Remarks		
	<u>B&amp;M Painting</u>	<u>6/30/08</u>			<input checked="" type="checkbox"/>		<u>12</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>1</u>				
Container Type			Preservative		Field pH calibration on _____ @ _____		Buffer:										
G = Glass P = Plastic V = VOA vials H = HCl to pH2 T = Sodium Thiosulfate			NO = none S = Sulfuric acid pH2 N = Nitric acid pH2 B = NaOH to pH12 Z = Zinc acetate														
Turnaround Time Requested: (Please circle) <u>EXPEDITED</u> <u>2</u> DAYS					Relinquished By: <u>Derek McLasland</u> <u>4/30/08 1:45 PM</u>			Date/Time			Received By:			Date/Time			
Expedited results requested by: <u>D. McLasland</u>					Relinquished By:			Date/Time			Received in Lab By: <u>Jennifer Rainey</u>			Date/Time: <u>7/2/08 9:45</u>			
Who should AIC contact with questions: <u>D. McLasland</u>					Comments:												
Phone: <u>(870) 836-3388</u> Fax: <u>(870) 836-3399</u>																	
Report Attention to: <u>Derek McLasland</u>																	
Report Address to: <u>347 Van Buren Camden, AR 71701</u>																	



April 24, 2008  
 Control No. 118803  
 Page 1 of 6

B & M Painting Co., Inc.  
 ATTN: Mr. Derek McCasland  
 347 Van Buren  
 Camden, AR 71701

Dear Mr. Derek McCasland:

Project Description: One (1) water sample(s) received on April 22, 2008  
 Waste Water  
 P.O. No. BM0421-B

This report is the analytical results and supporting information for the sample submitted to American Interplex Corporation (AIC) on April 22, 2008. The following results are applicable only to the sample identified by the control number referenced above. Accurate assessment of the data requires access to the entire document. Each section of the report has been reviewed and approved by the appropriate laboratory director or a qualified designee.

Data has been validated using standard quality control measures performed on at least 10% of the samples analyzed. Quality Assurance, instrumentation, maintenance and calibration were performed in accordance with guidelines established by the cited methodology.

**AMERICAN INTERPLEX CORPORATION**

By \_\_\_\_\_

*John Overbey*  
 John Overbey  
 Laboratory Director

Enclosure(s): Chain of Custody

*APPROVED TO DUMP  
 D. R. Ruckelshaus*



April 24, 2008  
Control No. 118803  
Page 2 of 6

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

CASE NARRATIVE

SAMPLE RECEIPT

Received Temperature: 2°C

Receipt Verification:	Complete Chain of Custody	Y
	Sample ID on Sample Labels	Y
	Date and Time on Sample Labels	Y
	Proper Sample Containers	Y
	Within Holding Times	Y
	Adequate Sample Volume	Y
	Sample Integrity	Y
	Proper Temperature	Y
	Proper Preservative	Y

COMMENTS

There were no qualifiers for this data and all samples met quality control criteria.

References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).

"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.

"Standard Methods for the Examination of Water and Wastewaters", 20th edition, 1998.

"American Society for Testing and Materials" (ASTM).

"Association of Analytical Chemists" (AOAC).

"Self-Davis and Moore" (2000).



April 24, 2008  
Control No. 118803  
Page 3 of 6

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

ANALYTICAL RESULTS

AIC No. 118803-1

Sample Identification: B&M Painting 4/21/08 12pm

Analyte	Method	Result	RL	Units	Batch	Qualifier
Total Cyanide	SM4500-CN C,E	0.022	0.01	mg/l	W24863	
Chromium	EPA 200.7	2.5	0.007	mg/l	S22884	
Copper	EPA 200.7	0.24	0.006	mg/l	S22884	
Zinc	EPA 200.7	0.69	0.002	mg/l	S22884	
Oil and Grease	EPA 1664A	< 5	5	mg/l	B5056	



April 24, 2008  
Control No. 118803  
Page 4 of 6

B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

SAMPLE PREPARATION REPORT

AIC No. 118803-1

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	Batch	Qualifier
Total Cyanide	23APR08 1031 258	23APR08 1724 258		W24863	
Metals	22APR08 1048 270	22APR08 1723 263		S22884	
Oil and Grease	-	22APR08 1150 100		B5056	





B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

April 24, 2008  
Control No. 118803  
Page 5 of 6

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Cyanide	0.1 mg/l	90.2/94.9	85-115	5.08	20	W24863	
Chromium	0.5 mg/l	102/100	85-115	1.91	20	S22884	
Copper	0.5 mg/l	99.6/98.3	85-115	1.31	20	S22884	
Zinc	0.5 mg/l	109/107	85-115	1.49	20	S22884	
Oil and Grease	40 mg/l	97.8/96.8	78-114	1.03	20	B5056	

MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Cyanide	0.1 mg/l	86.8/88.8	75-125	2.28	20	W24863	
Chromium	0.5 mg/l	75.0/77.4	75-125	3.45	20	S22884	
Copper	0.5 mg/l	90.4/95.3	75-125	5.15	20	S22884	
Zinc	0.5 mg/l	75.7/75.0	75-125	1.32	20	S22884	

LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	PQL	QC Sample	Qual
Cyanide	SM4500-CN C,E	< 0.01	mg/l	0.01	0.01	W24863-1	
Chromium	EPA 200.7	< 0.007	mg/l	0.007	0.007	S22884-1	
Copper	EPA 200.7	< 0.006	mg/l	0.006	0.006	S22884-1	
Zinc	EPA 200.7	< 0.002	mg/l	0.002	0.002	S22884-1	
Oil and Grease	EPA 1664A	< 5	mg/l	5	5	B5056-1	



B & M Painting Co., Inc.  
347 Van Buren  
Camden, AR 71701

April 24, 2008  
Control No. 118803  
Page 6 of 6

QUALITY CONTROL PREPARATION REPORT

LABORATORY CONTROL SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Cyanide	23APR08 1032 258	23APR08 1715 258		W24863-2	
Cyanide	23APR08 1032 258	23APR08 1717 258		W24863-3	
Metals	22APR08 1048 270	22APR08 1631 263		S22884-2	
Metals	22APR08 1048 270	22APR08 1634 263		S22884-3	
Oil and Grease	-	22APR08 1049 100		B5056-2	
Oil and Grease	-	22APR08 1049 100		B5056-3	

MATRIX SPIKE SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Cyanide	23APR08 1032 258	23APR08 1720 258		W24863-4	
Cyanide	23APR08 1032 258	23APR08 1722 258		W24863-5	
Metals	22APR08 1048 270	22APR08 1637 263		S22884-4	
Metals	22APR08 1048 270	22APR08 1640 263		S22884-5	

LABORATORY BLANKS

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Cyanide	23APR08 1032 258	23APR08 1713 258		W24863-1	
Metals	22APR08 1048 270	22APR08 1614 263		S22884-1	
Oil and Grease	-	22APR08 1049 100		B5056-1	



SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Brian McCasland  
347 Van Buren  
Camden, AR 71701

B. FACILITY & LOCATION ADDRESS

BOM Painting  
347 Van Buren  
Camden, AR 71701

C. FACILITY CONTACT: Derek McCasland TELEPHONE NUMBER: (870) 836-3388 e-mail: derek\_mccasland@helma1.com

(2) REPORTING PERIOD—FISCAL YEAR From Jun 1. to May 31 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

6/08 & 12/08

B. PERIOD COVERED BY THIS REPORT

FROM: Feb, 2008 TO: June, 2008

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)\*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Cr Anodizing  
Chemical Conversion Coating  
Penetrant Testing  
Painting

\*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

B. CHANGES:

SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

N/A

C. Number of Regular Employees at this Facility

40

D. [Reserved]

**(4) FLOW MEASUREMENT**

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Anc)	260 gal	300 gal	DI Rinse water
Regulated (Cyanide)			
§403.6(e) Unregulated*			
§403.6(e) Dilute			
Cooling Water			
Sanitary	200 gal	200 gal	
Total Flow to POTW	460 gal	500 gal	*****

\*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

**(5) MEASUREMENT OF POLLUTANTS**

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other \_\_\_\_\_
- None

B. COMMENTS ON TREATMENT SYSTEM

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	
Max Measured	<.004	2.30	.36	<.001	<.01	<.007	.22	<.01	
Ave Measured	<.004	1.12	.50	<.001	<.01	<.007	.45	<.01	

Sample Location City discharge point

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected Twice Yearly

40CFR136 Preservation and Analytical Methods Use:  Yes  No

**(6) CERTIFICATION**

A. [Reserved]

[Reserved]

B. CHECK ONE:  §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED  §433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

Derek R. McClasland  
(Typed Name)

Brian McClasland  
(Corporate Officer or authorized representative)

Date of Signature 6-30-08

**CORPORATE ACKNOWLEDGEMENT (Optional)**

STATE OF ARKANSAS )  
COUNTY OF Ouachita )

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ of \_\_\_\_\_, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

Notary Public in and for \_\_\_\_\_  
County, Arkansas

My commission expires \_\_\_\_\_

**(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]**

§6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.—The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

*Batch treatment of Cr Anodize rinse water.  
(Cr<sup>16</sup> Reduction)*

**(8) GENERAL COMMENTS**

*[Faint handwritten text in the General Comments section]*

**(9) SIGNATORY REQUIREMENTS [40CFR403.12(i)]**

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Tracy Payne  
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

*[Signature]*  
SIGNATURE

General Manager  
OFFICIAL TITLE

7-8-08  
DATE SIGNED

FINAL BASELINE MONITORING REPORT

FOR A

40CFR433 CATEGORICAL INDUSTRY

90 Day Compliance Report per §403.12(d)

Instructions: In accordance with 40CFR403.12(b) & (d) Industrial Users subject to categorical Pretreatment Standards are required to submit to ADEQ a report which contains the information in paragraphs (b)(1)-(7). Use of this form is not an EPA requirement. The User is responsible for submitting a complete and accurate report. Nonetheless, the User may complete this form in as much detail as possible. Include additional information on attached sheets as necessary where space is limited.

Return to: Water Div/NPDES Pretreatment

(1) User Identifying Information [§403.12(b)(1)]:

A. Legal Name: Thomas Brian McLasland

Mailing Address: 347 Van Buren

Camden, AR Zip: 71701

B. Facility Name: B+M Military & Aerospace Coatings, Inc.

Location: (B+M Painting) 347 Van Buren

Camden, AR Zip: 71701

C. Name of Owners: Lori Payne

D. Name of Operators: Derek McLasland

E. Facility Contact (Provide the name, title & phone number of a designated person to contact if additional information is necessary): Derek McLasland (Lab Tech), (870) 836-3388

F. Number of Employees 40 G. Number of Shifts 1

H. Number of Months per Calendar Year which Plant normally operates 12

I. Publicly Owned Treatment Works (POTW) (Provide the name of the sewerage authority, municipality, etc. that receives the wastewater discharges from this facility--If this facility is not connected to a sewerage system describe where wastewater is discharged) Camden Water Utilities

J. Provide the date the facility began regulated discharge to the POTW (sewerage authority, municipality, etc.) June, 2000

Date facility installed/commence construction of 40CFR433 Core operation(s) June, 2000



(2) User's Permits [§403.12(b)(2)]:

Describe all environmental control permits held by or for the facility

Describe Title of the Permit	Permit No.	Issuing Office	Exp. Date
<u>Industrial User Permit</u>	<u>CWU-001-2000</u>	<u>Camden Water Utilities</u>	<u>8/08</u>

(3) Description of User Operations [§403.12(b)(3)]:

A. List Raw Material/Basis Metals Used:

Chemical processing / Paint shop. B&M does not manufacture anything.

B. List Toxic Organics (TTO) & alloy metals and their source (Name of Chemical/Basis Metal):

List of TTOs has been provided. See analysis from American Interplex.

C. Describe Manufacturing or Service Activities Conducted and the Final Products:

We provide anodizing & chemical conversion coatings, as well as primers & topcoats for machined parts which are used by the military & aerospace industry.

D. Summarize each Point Source Category (This form is for only the Metal Finishing Category):

Anodizing  
Source Category

Cr Anodizing on Al.

Coating  
Source Category

Chemical Conversion Coating on Al.

Source Category

<b>STREAMS<sup>2</sup></b> <small>Dilute wastestreams include non-contact cooling water, sanitary waste, etc.</small>	<b>Average Flow Rate</b> <small>(gpd)</small>	<b>Max. Flow Rate</b> <small>(gpd)</small>	<b>Type Discharge<sup>3</sup></b>
<b>Regulated Streams</b>			
<i>Co Anodize Rinse</i>	<i>100</i>	<i>200</i>	<i>Treated Batch</i>
	<i>460</i>	<i>500</i>	<i>Continuous</i>
<b>Unregulated Streams</b>			
<b>Dilute Streams</b>			
Non-Contact Cooling Water			
Sanitary Wastewater	<i>200</i>	<i>200</i>	<i>5 days/wk</i>

<sup>2</sup> Regulated processes have wastestreams regulated by federal standards.  
Unregulated processes have wastestreams (which are not regulated by federal standards) with federally regulated parameters.  
Nonregulated processes have unregulated and/or dilute wastestreams.

<sup>3</sup> Show type; for example--Continuous, Batch (Monthly, Semi-annually, etc), Intermittent (5 days/week, 25 days/30-day period, etc.)

3.D (Con'd) Summarize each Core process [Electroplating, Electroless Plating, Anodizing, Coating (chromating, phosphating & coloring), Chemical Etching & Milling or Printed Circuit Board Manufacture]:

Process Description	Pretreatment Standard Category	Subpart	SIC Code	Date Process was Installed
	40CFR433	A		
Anodizing				6/00
Chemical Conversion Coat				6/00

\*Process Description must be exactly as shown in the applicable 40CFR SubPart; for example, 40CFR433 SubPart A lists "Electroplating", "Electroless Plating", "Anodizing", "Coating", "Chemical Etching and Milling" and "Printed Circuit Board Manufacture".

E. Provide on a separate sheet(s):

- (i) A schematic drawing/chart of manufactured parts flow through each regulated process that generates wastewater--optional for users with only concentration-based standards.
- (ii) A schematic drawing showing all wastewater flows (regulated and unregulated), location of any treatment system, and sampling locations and flows for each individual wastestream. Show points of discharge to the POTW from regulated processes (blank schematic enclosed).

(4) User Flow Measurement [§403.12(b)(4)]:

A. Total Plant Flow in Gallons per Day (gpd):

Average 460 Maximum 500

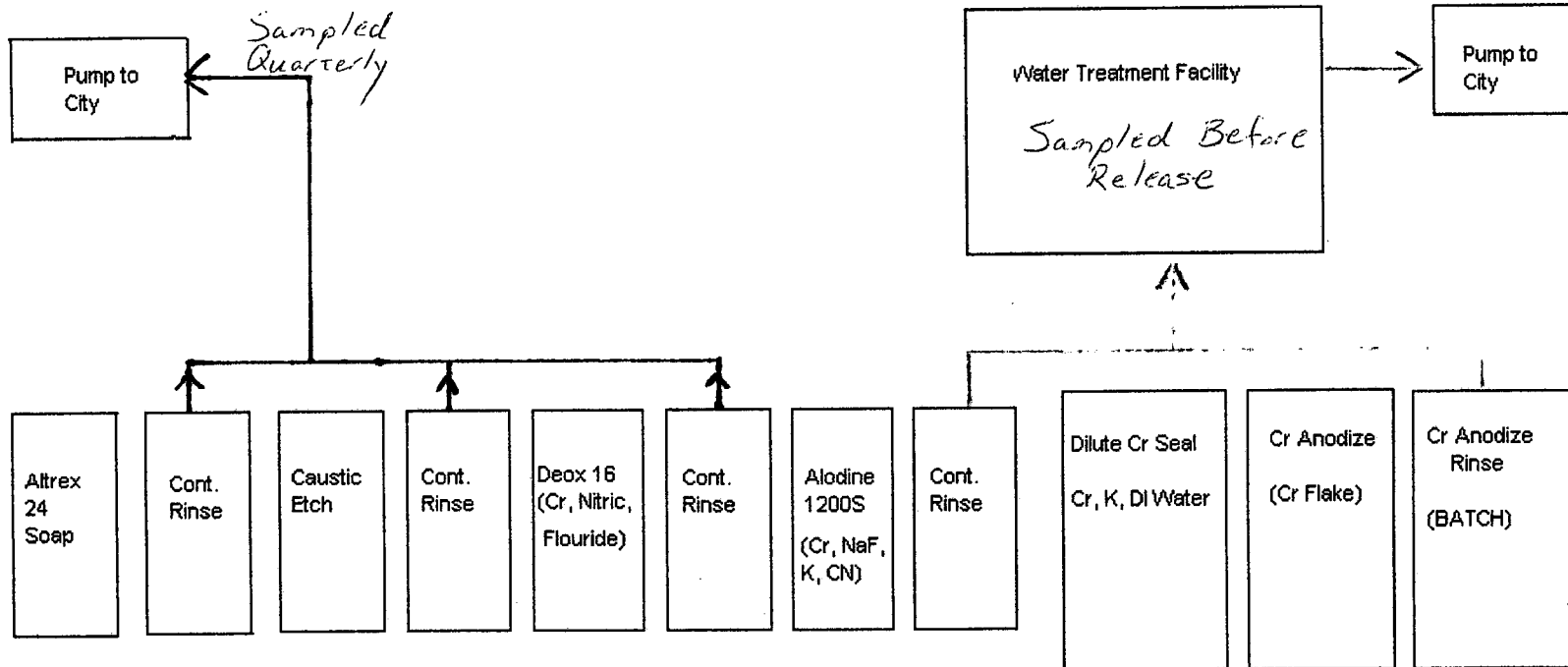
B. Individual Process Flows in Gallons per Day<sup>1</sup> (gpd)

500

<sup>1</sup>Referring to 40CFR403.6(e)(1) average flows must be for a 30-day period. Batch discharges which are less frequent than monthly should be normalized to a 365-day period.

Ref: 40CFR433, Section 3(E)

### B&M Painting Water Flow



(5) Measurement of Pollutants in User's Discharge to POTW [§§403.6(a) & 403.12(5)]:

A. (i) Cite Evidence Why Subpart A (40CFR433) is applicable to each Core process<sup>4</sup>:

Anodizing  
Core Process

We utilize a Cr Anodize process. Rinse water following anodizing is contained in batch & treated.

Coating  
Core Process

Chemical Conversion Coat, using Alodine 1200S, which contains small amounts of Cr as well.

Core Process

(ii) Provide on a separate sheet a description of all wastewater treatment utilized (show treatment system location in relation to process flows and sampling points on schematic drawing required in Section 3.E above).

B. Analysis of Regulated Flows: The industrial user must perform sampling and analysis of the effluent from all regulated processes which discharge into the POTW (after treatment, if applicable). Provide the analytical data for the regulated processes in the appropriate space below.

CONCENTRATIONS (mg/l)									
Basis	Pollutant								
	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO
Maximum	<.004	2.30	.36	<.001	<.01	<.007	.22	<.01	
Average	<.004	1.12	.50	<.001	<.01	<.007	.45	<.01	

C. Analysis of Total Plant Flow (Mark each blank "N/A" if not appropriate/applicable)  
In accordance with 40CFR403.6(e) an industrial user may sample and analyze the total plant flow and calculate an alternate concentration limit using the combined wastestream formula if regulated process flows are mixed with other flows prior to treatment and/or sampling. Record the analytical results for all regulated pollutants below. Record the calculated concentration limits as well as the actual measured concentrations.

<sup>4</sup> §403.6(a)(2)(ii)–Optional for Existing Sources and for New Sources which have requested certification.

**CONCENTRATIONS (mg/l)**

Basis <sup>5</sup> AMAC --- Actual Measured Average Concentration from Lab results	Pollutant								
	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO
MAC	<.004								
AAC	<.004								
AMMC	<.004								
AMAC	<.004	2.3	.36	<.001	<.01	<.007	.22	<.01	

<sup>5</sup> MAC --- Maximum Alternate Concentration as determined by ADEQ  
AAC --- Average Alternate Concentration as determined by ADEQ  
AMMC --- Actual Measured Maximum Concentration from Lab results

D. User Sample Location: Noted on schematic, Sec. 3(e)

Sample Type (Composite samples are required except where not feasible or where grab samples are specifically required-- refer to 40CFR403.12(b)(5)(iii): \_\_\_\_\_

Number of Samples Taken: 3 Frequency (Daily, Weekly, etc) Once per quarter (Rinse Water)

Analytical Methods Used (Must be in accordance with 40CFR136--for example: EPA 608, 625, etc.) Noted on American Interplex Analysis (BM063008), pg. 2 (provided with this BMR)

(6) Certifications [§§403.12(b)(5)(viii) & 403.12(b)(6)]:

**40 CFR 403.12(b)(6) Compliance Certification**

A. Are applicable categorical pretreatment standards being met on a consistent basis? YES  NO

B. If no, do you require:

(i) Additional operation and maintenance (O&M) to achieve compliance? YES \_\_\_ NO \_\_\_

(ii) New or additional pretreatment facilities to achieve compliance? YES \_\_\_ NO \_\_\_

**40 CFR 403.12(b)(5)(viii) Representative Certification**

I certify, to the best of my knowledge, that the sampling and analysis as shown in Section 5 above is representative of the User's normal work cycles and the expected Discharges to the POTW.

In accordance with 40CFR403.12(b)(5)(viii) & (6) a qualified professional must complete and sign these certifications in the space below.

Name & Title Derek McLasland (Chem Analyst)  
Qualified Professional (Please Type or Print)

Derek McLasland  
Signature

Date 5-9-08

(7) A. If additional O&M or new or additional pretreatment will be required to meet categorical pretreatment standards on a consistent basis, provide an explanation in an attachment. In accordance with §403.12(b)(7) as of February 15, 1986 all 40CFR433 Metal Finishers were required to be in compliance. New sources must not commence discharge until compliance is possible.

B. Signatory Requirement [40 CFR 403.12(I)]

**40 CFR 403.12(I)(3) Authorization to Sign Environmental Reports**

I hereby authorize persons filling the position title of Chemical Analyst, responsible for the overall operation of the B&M (Lab) facility in Camden, Arkansas, to sign all regular reports required by National Pretreatment Standards--pursuant to ADEQ rules and/or Clean Water Act (CWA) regulations. This written authorization is provided in accordance with 40 CFR 403.12(I) and comparable state regulations.

Brian McCasland (Vice President)  
Corporate official name & title here

Brian McCasland  
Signature

7-9-08  
Date

**40 CFR 403.6(a)(2)(ii) Certification**

I certify under penalty of law that I have personally examined and am familiar with the information in this Baseline Monitoring Report and all attachments, and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the 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.

Tracy Payne  
Name of Authorized Representative (Please Type or Print)

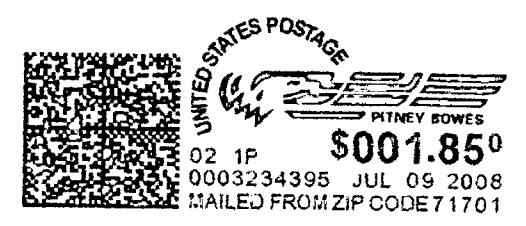
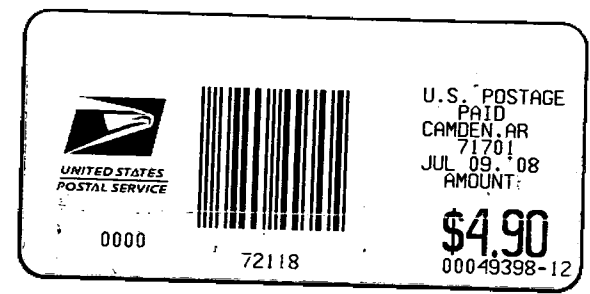
General Manager  
Official Title (Please Type or Print)

Tracy Payne  
Signature

7-9-08  
Date



B&M Painting  
347 Van Buren  
Camden, AR 71701



ADEQ (Water Div)  
Attn: Rufus Torrence  
5301 Northshore Dr.  
N. Little Rock, AR 72118

