

Allen
2632

VAN BUREN MUNICIPAL UTILITIES

PROVIDING WATER, SEWER AND SOLID WASTE SERVICES

2806 BRYAN ROAD
PO DRAWER 1269

GARY SMITH, MANAGER

(479) 474-5067
FAX (479) 471-8969

October 12, 2006

OCT 24 2006

Mr. Allen K. Gilliam
Pretreatment Coordinator NPDES Branch
Arkansas Department of Environmental Quality
P.O. Box 8913
Little Rock, Arkansas 72219-8913

AFB
no action
necessary
logged into PCS

Re: Permit #AR0021482 & #AR0040967: Annual Pretreatment Report

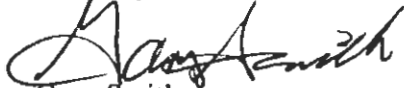
Dear Mr. Gilliam:

Please find our Annual Pretreatment Program Report. The report contains the following:

- (1) Industrial Users
- (2) Compliance Monitoring Program Summary (summary of 2005 – 2006 Activities)
- (3) Summary of Non-compliant IU's & Enforcement Actions
- (4) Violation Incidents
- (5) Summary (PPS)
- (6) Analyses for North and South Treatment Plants (Tables II & III)

If you have any questions feel free to contact our office.

Sincerely,


Gary Smith
Director

Cc: ~~Lorraine Steward, ADEQ~~ (send copy to Dennis Benson)
Kim Redo, VBMU Environmental Coordinator
North & South Plant files

NPDES PERMIT FILE
NPDES # AR0040967/21482
AFIN # 17-00062/17-00062
Permit PN
Correspondence
Technical Backup
Date Scanned
11/3/06

PRETREATMENT PROGRAM REPORT
FOR THE CITY OF VAN BUREN, ARKANSAS
NPDES PERMIT #AR0021482 & #AR0040967

October 2006

Prepared by:
Kim Redo
Environmental Coordinator

Van Buren Municipal Utilities
P.O. Drawer 1269
Van Buren, Arkansas 72956

ANNUAL PRETREATMENT PROGRAM REPORT

NPDES Permit #AR0021482

Existing Permitted Industries Eight (8)

1. A.E. Staley Manufacturing Company, Inc.
2. Arkansas Lamp Mfg.
3. FabTech, Inc.
4. River City Coatings
5. Simmons Foods, Inc.
6. Simmons Poultry Farms, Inc.
7. Tyson Foods, Inc.
8. Van Buren Pipe Co., Inc.

NPDES Permit #AR0040967

Existing Permitted Industries: One (1)

1. Arkansas Valley Truck Wash of America, Inc.

NPDES Permits #AR0021482 & AR0040967

New Industries Permitted: None (0)

Permits Modified: (0) Zero

Permits Reissued: (2) Two
Arkansas Lamp Mfg.
Simmons Poultry Farms

Permits Pending: None (0)

Administrative Orders Issued: Zero (0)

Permits Revoked: Zero (0)

Permits Cancelled: None (0)

Permitted Commercial and/or Industrial User Information

NPDES Permit #AR0021482

Name: A.E. Staley Mfg. Co., Inc.
SIC #: 2046
IU Category: Non-Categorical
Permit Expiration Date: 5/31/07
Priority Pollutants: None
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Non-Compliant

Name: Arkansas Lamp Mfg.
SIC #: 1721
IU Category: Categorical
Permit Expiration Date: 10/08/08
Priority Pollutants: Oil & Grease, Cd, Cr, Cu, Pb, Ni, Ag, Zn, Cyanide (total)
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Compliant

Name: FabTech, Inc.
SIC#: 3400
IU Category: Categorical
Permit Expiration Date: 2/28/07
Priority Pollutants: Oil & Grease, Cd, Cr, Cu, Pb, Ni, Ag, Zn, Cyanide (total)
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Compliant

Name: River City Coatings, Inc.
SIC #: 1721
IU Category: Categorical
Permit Expiration Date: 9/18/07
Priority Pollutants: Oil & Grease, Cd, Cr, Cu, Pb, Ni, Ag, Zn, Cyanide (total)
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Compliant

Name: Simmons Foods, Inc.
SIC #: 2015
IU Category: Non-Categorical
Permit Expiration Date: 4/15/08
Priority Pollutants: Oil & Grease
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Non-compliant

Name: Simmons Poultry Farms, Inc.
SIC #: 2017
IU Category: Non-Categorical
Permit Expiration Date: 11/30/08
Priority Pollutants: Oil & Grease
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Non-Compliant

Name: Tyson Foods, Inc.
SIC #: 2017
IU Category: Non-Categorical
Permit Expiration Date: 11/30/06
Priority Pollutants: Oil & Grease
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Compliant

Name: Van Buren Pipe Company
SIC #: 3084
IU Category: Non-Categorical
Permit Expiration Date: 7/11/08
Priority Pollutants: Oil & Grease
Conventional Pollutants: flow, pH, temperature, BOD₅, TSS
Status: Non-Compliant

Permitted Commercial and/or Industrial User Information
NPDES Permit #AR0040967

Existing Permits Commercial and/or Industrial: One (1)

(1) Arkansas Valley Truck Wash of America

New Industries Permitted: None (0)

Permits Reissued and/or Modified: None (0)

Administrative Orders Issued: None (0)

Name: Arkansas Valley Truck Wash of America

SIC #: 7542

IU Category: Non-Categorical

Permit Expiration Date: 12/31/06

Priority Pollutants: Oil & Grease, Zn

Conventional Pollutants: flow, pH, temperature, BOD₅, TSS

Status: Non-Compliant

Compliance Monitoring Program Summary

Permit #AR 0021482

A.E. Staley Mfg. Co. Excursions: ✓ 11-BOD; 11X TSS. Currently compliant.

Simmons Foods (2101 Twin Circle Drive) ✓ 5X BOD₅ excursions. Currently compliant.

Simmons Poultry Farms (Main Street plant) ✓ 2X BOD₅ excursions. Currently in compliance.

Van Buren Pipe Company Excursions: 1-TSS ✓ (last week of September 2006).
Currently compliant.

Permit #AR0040967

Arkansas Valley Truck Wash –
Two Oil & grease excursion; ✓
pH excursions. Currently compliant.

Summary of Non-Compliant I.U.'s and Enforcement Actions

Civil Penalties were issued against the following industries:
 (Civil Penalties are issued for exceeding permitted limits)

A.E. Staley Mfg.	\$4172.00
Simmons Foods	1604.00
Simmons Poultry Farms	<u>\$ 168.00</u>
 Total Civil Penalties	 <u>\$5944.00</u>

<u>Industry</u>	<u>Reason for Penalties</u>	<u>Incidence</u>	<u>#NOV's Sent</u>
A.E. Staley	BOD ₅ Excursion TSS Excursions	11X 11X	6
Simmons Foods	BOD ₅ Excursions	5X	4
Simmons Poultry Farms	BOD ₅ Excursions	2X	2

Other NOV's issued:

Van Buren Pipe Company	1-TSS excursion	1X	1
Arkansas Valley Truck Wash:			
	pH excursions	1X	1
	Oil & Grease	2X	1

Surcharges were issued against the following industries:

<u>Industry:</u>	<u>Cause(s)</u>	<u>Cost</u>
Arkansas Valley Truck Wash		\$ 99.07
A.E. Staley Mfg.	BOD, TSS	\$14,625.27
Simmons Foods	BOD	\$ 6,497.13
Simmons Poultry Farms	BOD	\$ 3,491.38
Tyson's	BOD	<u>\$ 546.95</u>
 Total Surcharge Penalties		 \$25,259.80
 Total Notices of Violation sent (Oct. 05 to Sept. 06)		 Fifteen (15)
 Total Penalties Assessed (Oct. 05 to Sept. 06)		 \$31,203.80

2005- 2006

Industrial Penalties

Surcharges

	A. E. Staley	Simmons Foods	Sim. Poultry Farms	Tyson's	AVTWA
Oct. 2005	\$2,588.16		\$1,213.66		
Nov. 2005	\$69.17	\$550.97	\$1,996.31		
Dec. 2005	\$113.52	\$292.26	\$56.89		
Jan. 2006	\$1,952.83	\$20.35			99.07
Feb. 2006	\$2,835.11	\$2,734.14			
Mar. 2006	\$2,846.00	\$460.59			
Apr. 2006	\$2,033.75				
May. 2006	\$986.37				
June. 2006					
July.2006	\$588.73	\$1,946.03	\$224.52		
Aug. 2006	\$600.75	\$254.14		\$546.95	
Sept.2006	\$10.88	\$238.65			
totals	\$14,625.27	\$6,497.13	\$3,491.38	\$546.95	\$99.07

Surcharge Total	\$25,259.80
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Civil Penalties

	A. E. Staley	Simmons Foods	Sim. Poultry Farms	Civil Pen. Total
Oct. 2005	\$804.00			
Nov. 2005			\$154.00	
Dec. 2005	\$264.00			
Jan. 2006	\$346.00	\$874.00		
Feb. 2006	\$326.00	\$398.00		
Mar. 2006	\$810.00			
Apr. 2006	\$1,198.00			
May. 2006	\$424.00			
June. 2006				
July.2006				\$14.00
Aug. 2006				
Sept.2006				
totals	\$4,172.00	\$1,604.00	\$168.00	

Civil Pen. Total	\$5,944.00
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Total Penalties Paid **\$18,797.27** **\$8,101.13** **\$3,659.38** **\$546.95** **\$99.07**

Grand total	\$31,203.80
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2005-2006 Annual Averages --- South Plant

Month	Effluent Flow	CBOD ₅ (mg/L)	CBOD ₅ (lbs/day)	TSS(mg/L)	TSS(lbs/day)	Fecal Coliform(cfu)	PH ₂ S(max)	NH ₃ -N (mg)	NH ₃ -N(lbs)	Cl ₂ Residual (max)	Max. Flow
Oct. 05	1.605	9	117	28	376	216.98/7.43	0.42	5.75	1.54	1.605	
Nov. 05	1.773	12	183	20	304	317.00/7.21	2.97	46.95	1.45	2.217	
Dec. 05	1.793	19	306	57	900	117.16/7.76	20	312	2.06	1.998	
Jan. 06	2.009	16	254	41	636	117.50/7.92	22	307	2.18	4.286	
Feb. 06	1.968	17	265	34	551	117.64/7.90	22	355	1.21	3.855	
Mar. 06	2.668	16	323	42	846	417.58/7.94	21	451	1.55	5.797	
Apr. 06	2.471	10	206	25	480	117.33/7.76	20	381	1.15	7.841	
May. 06	2.583	12	333	20	457	417.07/7.46	9.7	223	0.71	5.503	
June. 06	2.058	10	173	23	401	1916.59/7.59	11	210	1.57	3.68	
July. 06	1.945	13	229	43	790	466.92/7.35	4.45	77.04	0.98	3.508	
Aug. 06	1.989	21	365	42	714	1016.81/7.16	0.86	15.77	0.51	2.823	
Sept. 06	2.162	13	220	36	620	2116.89/7.44	3.03	59.57	2.06	3.894	
Averages	2.085	14	248	34	590	8	11.45	204			

Month	Influent Flow	CBOD ₅ (mg/L)	CBOD ₅ (lbs/day)	TSS(mg/L)	TSS(lbs/day)	PH ₂ S(max)	Max. Flow	NH ₃ -N (mg)	NH ₃ -N(lbs)
Oct. 05	2.28	188	3697	237	4747	7.03/7.53	3.217	18	346
Nov. 05	2.307	231	4590	243	4858	7.01/7.39	2.743	16	299
Dec. 05	2.424	308	6288	303	6206	7.03/7.48	3.615	16	270
Jan. 06	2.519	232	4302	230	4267	7.00/7.44	5.051	18	354
Feb. 06	2.515	244	5221	255	5114	7.00/7.49	3.070	18	389
Mar. 06	3.225	172	4312	320	7421	7.03/7.30	5.345	14	350
Apr. 06	2.471	163	2994	285	5211	7.00/8.05	7.841	17	316
May. 06	2.583	165	3386	238	4700	6.83/7.86	5.503	14	233
June. 06	2.058	273	4868	291	5199	6.67/7.45	3.68	17	299
July. 06	1.945	243	4327	217	3960	6.90/7.64	3.508	25	424
Aug. 06	1.989	249	4393	161	2885	6.73/7.23	2.823	17	311
Sept. 06	2.162	218	3670	175	3089	6.63/7.29	3.894	18	334
Averages	2.373	224	4337	246	4830			17	327

2005-2006 Annual Averages --- North Plant

Effluent											
Month	Flow	CBOD(mg/L)	CBOD(lbs/day)	TSS(mg/L)	TSS(lbs/day)	Fecal Coli.		pH(min/max)	NH3-N (mg)	NH3-N(lbs)	Max. Flow
						(Col./100mls)	(Col./100mls)				
Oct. 05	0.656	2	9	4	19	6	6.25/6.98	0.27	1.39	1.047	
Nov. 05	0.618	1	6	3	16	3	6.33/6.64	0.34	1.18	0.948	
Dec. 05	0.575	1	6	6	26	12	6.31/7.37	0.17	0.79	0.810	
Jan. 06	0.587	3	12	4	18	17	6.40/6.69	0.13	0.60	1.057	
Feb. 06	0.608	3	17	2	8	9	6.28/6.84	0.14	0.75	0.767	
Mar. 06	0.921	3	19	3	23	14	6.42/7.04	0.19	1.35	1.588	
Apr. 06	1.115	2	17	3	24	9	6.26/6.65	0.40	2.74	2.189	
May. 06	1.276	2	21	4	41	16	6.31/6.63	0.24	2.50	2.262	
June. 06	0.662	2	11	3	20	9	6.31/6.63	0.17	1.00	1.170	
July. 06	0.583	2	10	4	21	68	6.30/6.60	0.21	1.09	1.063	
Aug. 06	0.610	3	14	3	14	30	6.40/6.71	0.23	1.15	0.865	
Sept. 06	0.751	2	12	1	8	16	6.32/6.76	0.38	1.35	1.242	
Averages	0.747	2	13	3	20	17	6.25/7.37	0.24	1.32		

Influent											
Month	Flow	CBOD(mg/L)	CBOD(lbs/day)	TSS(mg/L)	TSS(lbs/day)	pH(min/max)		Max. Flow			
						(min)	(max)				
Oct. 05	0.656	209	1070	373	1912			1.047			
Nov. 05	0.618	233	1144	395	1943			0.948			
Dec. 05	0.575	227	1010	319	1415			0.810			
Jan. 06	0.587	190	1174	220	1360			1.057			
Feb. 06	0.608	324	2387	252	1244			0.767			
Mar. 06	0.921	217	1359	201	1250			1.588			
Apr. 06	1.115	171	1287	146	1108			2.189			
May. 06	1.276	184	1775	151	1731			2.262			
June. 06	0.662	169	1055	155	911			1.170			
July. 06	0.583	265	1253	120	558			1.063			
Aug. 06	0.610	205	984	170	818			0.865			
Sept. 06	0.751	208	1147	176	964			1.242			
Averages	0.747	217	1304	223	1268						

INDUSTRIAL FLOW

South Plant

Month	Ave. Daily Flow-Influent	A.E. Staley	Ark. Lamp	Fab Tech	River City	Simmons Foods	Sim.Poultry	Tyson's	VB Pipe	AR Val. TWA	Ave. Inf. Daily Flow
Oct. 05	2.280	0.040	0.000077	0.000217	0.002667	0.113762	0.233488	0.223827	0.001106	0.015152	0.656
Nov. 05	2.307	0.035	0.000027	0.000198	0.002903	0.129683	0.220004	0.294132	0.000565	0.014947	0.618
Dec. 05	2.424	0.040	0.000024	0.000318	0.001375	0.134657	0.215391	0.252050	0.001136	0.015469	0.575
Jan. 06	2.519	0.034	0.000024	0.000248	0.001714	0.140861	0.230058	0.213548	0.002114	0.015600	0.587
Feb. 06	2.515	0.037	0.000027	0.000132	0.001545	0.147479	0.212235	0.267825	0.002552	0.014851	0.608
Mar. 06	3.225	0.042	0.000023	0.000115	0.001400	0.137499	0.191117	0.227646	0.002796	0.009573	0.921
Apr. 06	2.471	0.044	0.000019	0.000170	0.117200	0.160150	0.18182	0.221716	0.002663	0.006594	1.115
May. 06	2.583	0.047	0.000027	0.000232	0.157600	0.167657	0.16921	0.23775	0.002301	0.006768	1.276
June. 06	2.058	0.048	0.000080	0.000229	0.134600	0.199759	0.181219	0.217332	0.002055	0.007966	0.662
July. 06	1.945	0.052	0.000070	0.000302	0.119400	0.184866	0.183286	0.246088	0.002611	0.007507	0.583
Aug. 06	1.989	0.047	0.000022	0.000398	0.150000	0.198440	0.193987	0.219688	0.002015	0.008355	0.610
Sept. 06	2.162	0.049	0.000023	0.000233	0.001484	0.204451	0.18255	0.238327	0.003457	0.009985	0.751
Ave. Flow	2.373	0.043	0.000037	0.000233	0.057657	0.159939	0.199530	0.238327	0.002114	0.011064	0.747

North Plant

Ttl. Ave. Daily Inf. Flo	2.373	North Plant	
Ttl. Ave. IU Daily Flo	0.700754	Ttl. Ave. Daily Inf. Flow	0.747
IU Flow % of Headwo	29.53	Ttl. Ave. IU Daily Flow	0.011064
		IU Flow % of Headworks	1.48

PRETREATMENT PROGRAM STATUS REPORT
 UPDATED SIGNIFICANT USERS LIST
ATTACHMENT A

INDUSTRIAL USER	SIC CODE	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	BMR	COMPLIANCE STATUS				EFFLUENT LIMITS
			Y/N	Last Action					REPORTS				
									90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING		
E. Staley Mfg.	2046	Noncategorical	Y	6/01/04	no	1	6	yes	n/a	n/a	C	NC	
Arkansas Lamp Mfg.	1721	Categorical	Y	10/10/05	no	1	2	yes	n/a	C	C	C	
LabTech	3400	Categorical	Y	3/01/04	no	1	2	yes	n/a	C	C	C	
Ever City Coatings	1721 ₂	Categorical	Y	9/19/04	no	1	2	yes	n/a	C	C	C	
Commons Foods	2015	Noncategorical	Y	4/16/05	no	1	8	yes	n/a	n/a	C	NC	
Commons Poultry Farms	2017	Noncategorical	Y	12/01/06	no	1	4	yes	n/a	n/a	C	NC	
Lyson Foods	2017	Noncategorical	Y	12/1/03	no	1	2	yes	n/a	n/a	C	C	
an Buren Pipe Co.	3084	Noncategorical	Y	7/12/05	no	1	2	yes	n/a	yes	C	NC	
Arkansas Valley Truck Wash of America	7542	Noncategorical	01/01/2003		no	1	6	yes	n/a	n/a	C	NC	

PRETREATMENT PERFORMANCE SUMMARY (PPS)
ATTACHMENT C

NOTE: ALL QUESTIONS REFER TO THE INDUSTRIAL PRETREATMENT PROGRAM AS APPROVED BY THE EPA. THE PERMITTEE SHOULD NOT ANSWER THE QUESTIONS BASED ON CHANGES MADE TO THE APPROVED PROGRAM WITHOUT DEPARTMENT AUTHORIZATION.

I. General Information

Control Authority Name Van Buren Municipal Utilities

Address 409 Main Street, P.O. Drawer 1269

City Van Buren State/Zip Arkansas 72956

Contact Person Gary Smith Director
(Position)

Contact Telephone (479) 474-5067
(Area Code)

NPDES Permit Nos. AR0021482 & AR0040967

Reporting Period October 1, 2005 September 30, 2006
(Beginning Month and Year) (Ending Month and Year)

Total Number of Categorical IUs 3

Total Number of Significant Noncategorical IUs 6

II. Significant Industrial User Compliance

SIGNIFICANT INDUSTRIAL USERS

		<u>Categorical</u>	<u>Noncategorical</u>
1)	No. of SIUs submitting BMRs/Total No. Required.....	<u>3/3</u>	<u>N/A*</u>
2)	No. of SIUs submitting 90-day Compliance Reports/No. Required.....	<u>0/0</u>	<u>N/A*</u>
3)	No. of SIUs submitting Semi-annual Reports/ Total No. Required.....	<u>3/3</u>	<u>/</u>
4)	No. of SIUs meeting Compliance Schedule/ Total No. Required to Meet Schedule.....	<u>0/0</u>	<u>0/0</u>
5)	No. of SIUs in Significant Noncompliance/ Total No. of SIUs.....	<u>0/3</u>	<u>0/6</u>
6)	Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....		<u>0/9</u>

II. Compliance Monitoring Program

1) No. of Control Documents Issued/Total No.
Required..... 3/3 6/6

2)	No. of Nonsampling Inspections Conducted.....	3/3	6/6
3)	No. of Sampling Visits Conducted.....	6/3	29/6

-2-

4)	No. of Facilities Inspected (nonsampling).....	3/3	6/6
5)	No. of Facilities Sampled.....	3	6

III. Enforcement Actions

SIGNIFICANT INDUSTRIAL USERS

	<u>Categorical</u>	<u>Noncategorical</u>
1) No. of Compliance Schedules Issued/No. of Schedules Required.....	0/0	0/0
2) No. of Notices of Violations Issued to SIUs.....	0	14
3) No. of Administrative Orders Issued to SIUs.....	0	0
4) No. of Civil Suits Filed.....	0	0
5) No. of Criminal Suits Filed.....	0	0
6) No. of Significant Violators (newspaper publication attached).....	0	0
7) Amount of Penalties Collected (total dollars/ IUs assessed).....	\$0	\$31,203.80
8) Other Actions (sewer bans, etc.).....	0	0

The following certification must be signed in order for this form to be considered complete:

I certify that the information contained herein is complete and accurate to the best of my knowledge.


Authorized Representative

10-12-06
Date

MONITORING RESULTS (1) FOR THE ANNUAL PRETREATMENT REPORT

REPORTING YEAR: October 1, 2005 - TO September 30, 2006

TREATMENT PLANT : North Plant (Lee Creek) NPDES PERMIT #AR0040967

AVERAGE POTW FLOW: 0.777 MGD % IU FLOW: 1.48 %

METALS, CYANIDE and PHENOLS	Maximum Allowable Headworks Level (4)	Influent (2) Dates Sampled				WQ level/limit (3)	Effluent (2) Dates Sampled			
		5/18/06					5/18/06			
Antimony (Total)		ND				ND				
Arsenic (Total)		ND				ND				
Beryllium (Total)		ND				ND				
Cadmium (Total)		ND				ND				
Chromium (Total)		ND				ND				
Copper (Total)		0.00								
Lead (Total)		ND				ND				
Mercury (Total)		ND				ND				
Molybdenum (Total)		—				—				
Nickel (Total)		ND				ND				
Selenium (Total)		ND				ND				
Silver (Total)		ND				ND				
Thallium (Total)		ND				ND				
Zinc (Total)										
Cyanide (Total)		ND				ND				
Phenols ^{mg/L} (Total) #1		0.035				ND				
(5) #2		0.043				ND				
#3		0.047				ND				
#4		0.065				ND				

- (1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant. Analytical MQLs should be used so that the data can also be used for Local Limits assessment and NPDES application purpose.
- (2) Indicate reported unit of measurement.
- (3) This value was calculated during development of TBLL and based on State Water Quality Standards and implementation procedures.
- (4) This can be reported in ppm (mg/l), ppb or lb/day
- (5) Record the name of any pollutants [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.

MONITORING RESULTS (1) FOR THE ANNUAL PRETREATMENT REPORT

REPORTING YEAR: October 1, 2005 TO September 30, 2006

TREATMENT PLANT : South (main)

NPDES PERMIT #AR00-21482

AVERAGE POTW FLOW: 2.373 MGD % IU FLOW: 29.53 %

METALS, CYANIDE and PHENOLS	Mass Maximum Allowable Headworks Level (4) lb/day	Influent (2) Mass Dates Sampled				WQ level/limit (3)	Effluent (2) Mass Dates Sampled			
		10/26/05	2/8/06	5/9/06	8/22/06		10/26/05	2/8/06	5/9/06	8/22/06
Antimony (Total)		ND	ND	ND	ND		ND	ND	ND	ND
Arsenic (Total)	0.42	ND	ND	ND	ND		ND	ND	ND	ND
Beryllium (Total)		ND	ND	ND	ND		ND	ND	ND	ND
Cadmium (Total)	0.42	ND	ND	ND	ND		ND	ND	ND	ND
Chromium (Total)	15	ND	ND	ND	ND		ND	ND	ND	ND
Copper (Total)	14.1	0.023	0.044	0.015	0.026		0.075	0.138	ND	0.159
Lead (Total)	0.32	ND	ND	ND	ND		ND	ND	ND	ND
Mercury (Total)	0.11	ND	ND	ND	ND		ND	ND	ND	ND
Molybdenum (Total)			0.254					0.134		
Nickel (Total)	5.23	ND	ND	ND	ND		ND	ND	ND	ND
Selenium (Total)	0.45	ND	0.0049	ND	ND		ND	ND	ND	ND
Silver (Total)	102	ND	0.212	ND	0.199		ND	ND	ND	ND
Thallium (Total)		ND	ND	ND	ND		ND	ND	ND	ND
Zinc (Total)	4.5	2.041	2.544	6.593	1.624		0.537	0.842	1.937	0.945
Cyanide ^{mg/L} (Total)	ND	ND	ND	ND	ND		ND	ND	ND	ND
Phenols ^{mg/L} (Total)		0.043	0.041	0.009	0.080		ND	0.00	ND	ND
(5)										

- (1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant. Analytical MQLs should be used so that the data can also be used for Local Limits assessment and NPDES application purpose.
- (2) Indicate reported unit of measurement.
- (3) This value was calculated during development of TBLL and based on State Water Quality Standards and implementation procedures.
- (4) This can be reported in ppm (mg/l), ppb or lb/day
- (5) Record the name of any pollutants [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

INF

ANALYTICAL RESULTS

AIC No. 103601-1

Sample Identification: SPI 1 9/25/06

Note: Elevated reporting limits for chlorinated pesticides are due to interference.

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 1.9	1.9	ug/l	B4194	
Acenaphthylene		< 3.5	3.5	ug/l	B4194	
Anthracene		< 1.9	1.9	ug/l	B4194	
Benzidine		< 44	44	ug/l	B4194	
Benzo(a)anthracene		< 7.8	7.8	ug/l	B4194	
Benzo(a)pyrene		< 2.5	2.5	ug/l	B4194	
Benzo(g,h,i)perylene		< 4.1	4.1	ug/l	B4194	
Benzo(k)fluoranthene		< 2.5	2.5	ug/l	B4194	
3,4-Benzofluoranthene		< 4.8	4.8	ug/l	B4194	
Bis(2-chloroethoxy)methane		< 5.3	5.3	ug/l	B4194	
Bis(2-chloroethyl)ether		< 5.7	5.7	ug/l	B4194	
Bis(2-chloroisopropyl)ether		< 5.7	5.7	ug/l	B4194	
Bis(2-ethylhexyl)phthalate		4.8	2.5	ug/l	B4194	
4-Bromophenyl phenyl ether		< 1.9	1.9	ug/l	B4194	
Butylbenzyl phthalate		< 2.5	2.5	ug/l	B4194	
2-Chloronaphthalene		< 1.9	1.9	ug/l	B4194	
2-Chlorophenol		< 3.3	3.3	ug/l	B4194	
4-Chlorophenyl phenyl ether		< 4.2	4.2	ug/l	B4194	
Chrysene		< 2.5	2.5	ug/l	B4194	
Di-n-butyl phthalate		< 2.5	2.5	ug/l	B4194	
Di-n-octyl phthalate		< 2.5	2.5	ug/l	B4194	
Dibenzo(a,h)anthracene		< 2.5	2.5	ug/l	B4194	
1,2-Dichlorobenzene		< 1.9	1.9	ug/l	B4194	
1,3-Dichlorobenzene		< 1.9	1.9	ug/l	B4194	
1,4-Dichlorobenzene		< 4.4	4.4	ug/l	B4194	
3,3'-Dichlorobenzidine		< 17	17	ug/l	B4194	
2,4-Dichlorophenol		< 2.7	2.7	ug/l	B4194	
Diethyl phthalate		2.4	1.9	ug/l	B4194	
Dimethyl phthalate		< 1.6	1.6	ug/l	B4194	
2,4-Dimethylphenol		< 2.7	2.7	ug/l	B4194	
4,6-Dinitro-o-cresol		< 24	24	ug/l	B4194	
2,4-Dinitrophenol		< 42	42	ug/l	B4194	
2,4-Dinitrotoluene		< 5.7	5.7	ug/l	B4194	
2,6-Dinitrotoluene		< 1.9	1.9	ug/l	B4194	
1,2-Diphenylhydrazine		< 11	11	ug/l	B4194	
Fluoranthene		< 2.2	2.2	ug/l	B4194	
Fluorene		< 1.9	1.9	ug/l	B4194	
Hexachlorobenzene		< 1.9	1.9	ug/l	B4194	
Hexachlorobutadiene		< 0.9	0.9	ug/l	B4194	
Hexachlorocyclopentadiene		< 5	5	ug/l	B4194	
Hexachloroethane		< 1.6	1.6	ug/l	B4194	
Indeno(1,2,3-cd)pyrene		< 3.7	3.7	ug/l	B4194	
Isophorone		< 2.2	2.2	ug/l	B4194	
n-Nitrosodi-n-propylamine		< 0.84	0.84	ug/l	B4194	
n-Nitrosodimethylamine		< 0.96	0.96	ug/l	B4194	
n-Nitrosodiphenylamine		< 1.9	1.9	ug/l	B4194	R
Naphthalene		< 1.6	1.6	ug/l	B4194	

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

ANALYTICAL RESULTS

AIC No. 103601-1 (Continued)

Sample Identification: SPI 1 9/25/06

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Nitrobenzene		< 1.9	1.9	ug/l	B4194	
2-Nitrophenol		< 3.6	3.6	ug/l	B4194	
4-Nitrophenol		< 2.4	2.4	ug/l	B4194	
p-Chloro-m-cresol		< 3	3	ug/l	B4194	
Pentachlorophenol		< 3.6	3.6	ug/l	B4194	
Phenanthrene		< 5.4	5.4	ug/l	B4194	
Phenol		< 1.5	1.5	ug/l	B4194	
Pyrene		< 1.9	1.9	ug/l	B4194	
1,2,4-Trichlorobenzene		< 1.9	1.9	ug/l	B4194	
2,4,6-Trichlorophenol		< 2.7	2.7	ug/l	B4194	
Surrogate Recovery						
2-Fluorobiphenyl		62.7	-	%	B4194	
2-Fluorophenol		45.9	-	%	B4194	
Nitrobenzene-D5		66.9	-	%	B4194	
Phenol-D5		32.9	-	%	B4194	
Terphenyl-D14		67.5	-	%	B4194	
2,4,6-Tribromophenol		64.5	-	%	B4194	
Volatile Organic Compounds By EPA 624						
Acrolein		< 50	50	ug/l	V5934	
Acrylonitrile		< 50	50	ug/l	V5934	
Benzene		< 4.4	4.4	ug/l	V5934	
Bromoform		< 4.7	4.7	ug/l	V5934	
Carbon tetrachloride		< 2.8	2.8	ug/l	V5934	
Chlorobenzene		< 6	6	ug/l	V5934	
Chlorodibromomethane		< 3.1	3.1	ug/l	V5934	
Chloroethane		< 8.7	8.7	ug/l	V5934	
2-Chloroethylvinyl ether		< 5.1	5.1	ug/l	V5934	
Chloroform		2.0	1.6	ug/l	V5934	
Dichlorobromomethane		< 2.2	2.2	ug/l	V5934	
1,1-Dichloroethane		< 4.7	4.7	ug/l	V5934	
1,2-Dichloroethane		< 2.8	2.8	ug/l	V5934	
1,1-Dichloroethylene		< 2.8	2.8	ug/l	V5934	
trans-1,2-Dichloroethylene		< 1.6	1.6	ug/l	V5934	
1,2-Dichloropropane		< 6	6	ug/l	V5934	
cis-1,3-Dichloropropylene		< 5	5	ug/l	V5934	
trans-1,3-Dichloropropylene		< 1.3	1.3	ug/l	V5934	
Ethylbenzene		< 7.2	7.2	ug/l	V5934	
Methyl bromide(Bromomethane)		< 8.9	8.9	ug/l	V5934	
Methyl chloride(Chloromethane)		< 7.8	7.8	ug/l	V5934	
Methylene chloride		< 10	10	ug/l	V5934	
1,1,2,2-Tetrachloroethane		< 6.9	6.9	ug/l	V5934	
Tetrachloroethylene		< 4.1	4.1	ug/l	V5934	
Toluene		< 6	6	ug/l	V5934	
1,1,1-Trichloroethane		< 3.8	3.8	ug/l	V5934	
1,1,2-Trichloroethane		< 5	5	ug/l	V5934	
Trichloroethylene		< 1.9	1.9	ug/l	V5934	
Vinyl chloride		< 6.4	6.4	ug/l	V5934	
Surrogate Recovery						
Bromofluorobenzene		91.0	-	%	V5934	

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

ANALYTICAL RESULTS

AIC No. 103601-1 (Continued)

Sample Identification: SPI 1 9/25/06

Analyte	Method	Result	RL	Units	Batch	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)						
Surrogate Recovery						
Dibromofluoromethane		102	-	%	V5934	
Toluene-D8		98.1	-	%	V5934	
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.04	0.04	ug/l	G6017	D
alpha-BHC		< 0.03	0.03	ug/l	G6017	D
alpha-Endosulfan		< 0.14	0.14	ug/l	G6017	D
beta-BHC		< 0.06	0.06	ug/l	G6017	D
beta-Endosulfan		< 0.04	0.04	ug/l	G6017	D
Chlordane		< 0.14	0.14	ug/l	G6017	D
4,4'-DDD		< 0.11	0.11	ug/l	G6017	D
4,4'-DDE		< 0.04	0.04	ug/l	G6017	D
4,4'-DDT		< 0.12	0.12	ug/l	G6017	D
delta-BHC		< 0.09	0.09	ug/l	G6017	D
Dieldrin		< 0.02	0.02	ug/l	G6017	D
Endosulfan sulfate		< 0.66	0.66	ug/l	G6017	D
Endrin		< 0.06	0.06	ug/l	G6017	D
Endrin aldehyde		< 0.23	0.23	ug/l	G6017	D
gamma-BHC (Lindane)		< 0.04	0.04	ug/l	G6017	D
Heptachlor		< 0.03	0.03	ug/l	G6017	D
Heptachlor epoxide		< 0.83	0.83	ug/l	G6017	D
PCB 1016		< 0.7	0.7	ug/l	G6017	D
PCB 1221		< 2	2	ug/l	G6017	D
PCB 1232		< 0.5	0.5	ug/l	G6017	D
PCB 1242		< 0.6	0.6	ug/l	G6017	D
PCB 1248		< 0.7	0.7	ug/l	G6017	D
PCB 1254		< 2	2	ug/l	G6017	D
PCB 1260		< 0.6	0.6	ug/l	G6017	D
Toxaphene		< 2.4	2.4	ug/l	G6017	D
Surrogate Recovery						
Decachlorobiphenyl			-		G6017	D
Tetrachloro-m-xylene			-		G6017	D

AIC No. 103601-2

Sample Identification: SPI 2 9/25/06 10:40

Note: Elevated reporting limits for chlorinated pesticides are due to interference.

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 9.5	9.5	ug/l	B4194	D
Acenaphthylene		< 18	18	ug/l	B4194	D
Anthracene		< 9.5	9.5	ug/l	B4194	D
Benzdine		< 220	220	ug/l	B4194	D
Benzo(a)anthracene		< 39	39	ug/l	B4194	D
Benzo(a)pyrene		< 13	13	ug/l	B4194	D
Benzo(g,h,i)perylene		< 21	21	ug/l	B4194	D
Benzo(k)fluoranthene		< 13	13	ug/l	B4194	D
3,4-Benzofluoranthene		< 24	24	ug/l	B4194	D

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

ANALYTICAL RESULTS

AIC No. 103601-2 (Continued)

Sample Identification: SPI 2 9/25/06 10:40

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Bis(2-chloroethoxy)methane		< 27	27	ug/l	B4194	D
Bis(2-chloroethyl)ether		< 29	29	ug/l	B4194	D
Bis(2-chloroisopropyl)ether		< 29	29	ug/l	B4194	D
Bis(2-ethylhexyl)phthalate		17	13	ug/l	B4194	D
4-Bromophenyl phenyl ether		< 9.5	9.5	ug/l	B4194	D
Butylbenzyl phthalate		< 13	13	ug/l	B4194	D
2-Chloronaphthalene		< 9.5	9.5	ug/l	B4194	D
2-Chlorophenol		< 17	17	ug/l	B4194	D
4-Chlorophenyl phenyl ether		< 21	21	ug/l	B4194	D
Chrysene		< 13	13	ug/l	B4194	D
Di-n-butyl phthalate		< 13	13	ug/l	B4194	D
Di-n-octyl phthalate		< 13	13	ug/l	B4194	D
Dibenzo(a,h)anthracene		< 13	13	ug/l	B4194	D
1,2-Dichlorobenzene		< 9.5	9.5	ug/l	B4194	D
1,3-Dichlorobenzene		< 9.5	9.5	ug/l	B4194	D
1,4-Dichlorobenzene		< 22	22	ug/l	B4194	D
3,3'-Dichlorobenzidine		< 83	83	ug/l	B4194	D
2,4-Dichlorophenol		< 14	14	ug/l	B4194	D
Diethyl phthalate		< 9.5	9.5	ug/l	B4194	D
Dimethyl phthalate		< 8	8	ug/l	B4194	D
2,4-Dimethylphenol		< 14	14	ug/l	B4194	D
4,6-Dinitro-o-cresol		< 120	120	ug/l	B4194	D
2,4-Dinitrophenol		< 210	210	ug/l	B4194	D
2,4-Dinitrotoluene		< 29	29	ug/l	B4194	D
2,6-Dinitrotoluene		< 9.5	9.5	ug/l	B4194	D
1,2-Diphenylhydrazine		< 55	55	ug/l	B4194	D
Fluoranthene		< 11	11	ug/l	B4194	D
Fluorene		< 9.5	9.5	ug/l	B4194	D
Hexachlorobenzene		< 9.5	9.5	ug/l	B4194	D
Hexachlorobutadiene		< 4.5	4.5	ug/l	B4194	D
Hexachlorocyclopentadiene		< 25	25	ug/l	B4194	D
Hexachloroethane		< 8	8	ug/l	B4194	D
Indeno(1,2,3-cd)pyrene		< 19	19	ug/l	B4194	D
Isophorone		< 11	11	ug/l	B4194	D
n-Nitrosodi-n-propylamine		< 4.2	4.2	ug/l	B4194	D
n-Nitrosodimethylamine		< 4.8	4.8	ug/l	B4194	D
n-Nitrosodiphenylamine		< 9.5	9.5	ug/l	B4194	DR
Naphthalene		< 8	8	ug/l	B4194	D
Nitrobenzene		< 9.5	9.5	ug/l	B4194	D
2-Nitrophenol		< 18	18	ug/l	B4194	D
4-Nitrophenol		< 12	12	ug/l	B4194	D
p-Chloro-m-cresol		< 15	15	ug/l	B4194	D
Pentachlorophenol		< 18	18	ug/l	B4194	D
Phenanthrene		< 27	27	ug/l	B4194	D
Phenol		< 7.5	7.5	ug/l	B4194	D
Pyrene		< 9.5	9.5	ug/l	B4194	D
1,2,4-Trichlorobenzene		< 9.5	9.5	ug/l	B4194	D
2,4,6-Trichlorophenol		< 14	14	ug/l	B4194	D

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

ANALYTICAL RESULTS

AIC No. 103601-2 (Continued)

Sample Identification: SPI 2 9/25/06 10:40

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Surrogate Recovery						
2-Fluorobiphenyl			-		B4194	D
2-Fluorophenol			-		B4194	D
Nitrobenzene-D5			-		B4194	D
Phenol-D5			-		B4194	D
Terphenyl-D14			-		B4194	D
2,4,6-Tribromophenol			-		B4194	D
Volatile Organic Compounds By EPA 624						
Acrolein		< 50	50	ug/l	V5934	
Acrylonitrile		< 50	50	ug/l	V5934	
Benzene		< 4.4	4.4	ug/l	V5934	
Bromoform		< 4.7	4.7	ug/l	V5934	
Carbon tetrachloride		< 2.8	2.8	ug/l	V5934	
Chlorobenzene		< 6	6	ug/l	V5934	
Chlorodibromomethane		< 3.1	3.1	ug/l	V5934	
Chloroethane		< 8.7	8.7	ug/l	V5934	
2-Chloroethylvinyl ether		< 5.1	5.1	ug/l	V5934	
Chloroform		2.8	1.6	ug/l	V5934	
Dichlorobromomethane		< 2.2	2.2	ug/l	V5934	
1,1-Dichloroethane		< 4.7	4.7	ug/l	V5934	
1,2-Dichloroethane		< 2.8	2.8	ug/l	V5934	
1,1-Dichloroethylene		< 2.8	2.8	ug/l	V5934	
trans-1,2-Dichloroethylene		< 1.6	1.6	ug/l	V5934	
1,2-Dichloropropane		< 6	6	ug/l	V5934	
cis-1,3-Dichloropropylene		< 5	5	ug/l	V5934	
trans-1,3-Dichloropropylene		< 1.3	1.3	ug/l	V5934	
Ethylbenzene		< 7.2	7.2	ug/l	V5934	
Methyl bromide(Bromomethane)		< 8.9	8.9	ug/l	V5934	
Methyl chloride(Chloromethane)		< 7.8	7.8	ug/l	V5934	
Methylene chloride		< 10	10	ug/l	V5934	
1,1,2,2-Tetrachloroethane		< 6.9	6.9	ug/l	V5934	
Tetrachloroethylene		< 4.1	4.1	ug/l	V5934	
Toluene		< 6	6	ug/l	V5934	
1,1,1-Trichloroethane		< 3.8	3.8	ug/l	V5934	
1,1,2-Trichloroethane		< 5	5	ug/l	V5934	
Trichloroethylene		< 1.9	1.9	ug/l	V5934	
Vinyl chloride		< 6.4	6.4	ug/l	V5934	
Surrogate Recovery						
Bromofluorobenzene		93.3	-	%	V5934	
Dibromofluoromethane		101	-	%	V5934	
Toluene-D8		98.5	-	%	V5934	
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.04	0.04	ug/l	G6017	D
alpha-BHC		< 0.03	0.03	ug/l	G6017	D
alpha-Endosulfan		< 0.14	0.14	ug/l	G6017	D
beta-BHC		< 0.06	0.06	ug/l	G6017	D
beta-Endosulfan		< 0.04	0.04	ug/l	G6017	D
Chlordane		< 0.14	0.14	ug/l	G6017	D

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

ANALYTICAL RESULTS

AIC No. 103601-2 (Continued)

Sample Identification: SPI 2 9/25/06 10:40

Analyte	Method	Result	RL	Units	Batch	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)						
4,4'-DDD		< 0.11	0.11	ug/l	G6017	D
4,4'-DDE		< 0.04	0.04	ug/l	G6017	D
4,4'-DDT		< 0.12	0.12	ug/l	G6017	D
delta-BHC		< 0.09	0.09	ug/l	G6017	D
Dieldrin		< 0.02	0.02	ug/l	G6017	D
Endosulfan sulfate		< 0.66	0.66	ug/l	G6017	D
Endrin		< 0.06	0.06	ug/l	G6017	D
Endrin aldehyde		< 0.23	0.23	ug/l	G6017	D
gamma-BHC (Lindane)		< 0.04	0.04	ug/l	G6017	D
Heptachlor		< 0.03	0.03	ug/l	G6017	D
Heptachlor epoxide		< 0.83	0.83	ug/l	G6017	D
PCB 1016		< 0.7	0.7	ug/l	G6017	D
PCB 1221		< 2	2	ug/l	G6017	D
PCB 1232		< 0.5	0.5	ug/l	G6017	D
PCB 1242		< 0.6	0.6	ug/l	G6017	D
PCB 1248		< 0.7	0.7	ug/l	G6017	D
PCB 1254		< 2	2	ug/l	G6017	D
PCB 1260		< 0.6	0.6	ug/l	G6017	D
Toxaphene		< 2.4	2.4	ug/l	G6017	D
Surrogate Recovery						
Decachlorobiphenyl		-	-		G6017	D
Tetrachloro-m-xylene		-	-		G6017	D

AIC No. 103601-3

Sample Identification: SPI 3 9/25/06 2:20PM

Note: Elevated reporting limits for chlorinated pesticides are due to interference.

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 9.5	9.5	ug/l	B4194	D
Acenaphthylene		< 18	18	ug/l	B4194	D
Anthracene		< 9.5	9.5	ug/l	B4194	D
Benzidine		< 220	220	ug/l	B4194	D
Benzo(a)anthracene		< 39	39	ug/l	B4194	D
Benzo(a)pyrene		< 13	13	ug/l	B4194	D
Benzo(g,h,i)perylene		< 21	21	ug/l	B4194	D
Benzo(k)fluoranthene		< 13	13	ug/l	B4194	D
3,4-Benzofluoranthene		< 24	24	ug/l	B4194	D
Bis(2-chloroethoxy)methane		< 27	27	ug/l	B4194	D
Bis(2-chloroethyl)ether		< 29	29	ug/l	B4194	D
Bis(2-chloroisopropyl)ether		< 29	29	ug/l	B4194	D
Bis(2-ethylhexyl)phthalate		20	13	ug/l	B4194	D
4-Bromophenyl phenyl ether		< 9.5	9.5	ug/l	B4194	D
Butylbenzyl phthalate		< 13	13	ug/l	B4194	D
2-Chloronaphthalene		< 9.5	9.5	ug/l	B4194	D
2-Chlorophenol		< 17	17	ug/l	B4194	D
4-Chlorophenyl phenyl ether		< 21	21	ug/l	B4194	D
Chrysene		< 13	13	ug/l	B4194	D

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ANALYTICAL RESULTS

AIC No. 103601-3 (Continued)

Sample Identification: SPI 3 9/25/06 2:20PM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Di-n-butyl phthalate		< 13	13	ug/l	B4194	D
Di-n-octyl phthalate		< 13	13	ug/l	B4194	D
Dibenzo(a,h)anthracene		< 13	13	ug/l	B4194	D
1,2-Dichlorobenzene		< 9.5	9.5	ug/l	B4194	D
1,3-Dichlorobenzene		< 9.5	9.5	ug/l	B4194	D
1,4-Dichlorobenzene		< 22	22	ug/l	B4194	D
3,3'-Dichlorobenzidine		< 83	83	ug/l	B4194	D
2,4-Dichlorophenol		< 14	14	ug/l	B4194	D
Diethyl phthalate		< 9.5	9.5	ug/l	B4194	D
Dimethyl phthalate		< 8	8	ug/l	B4194	D
2,4-Dimethylphenol		< 14	14	ug/l	B4194	D
4,6-Dinitro-o-cresol		< 120	120	ug/l	B4194	D
2,4-Dinitrophenol		< 210	210	ug/l	B4194	D
2,4-Dinitrotoluene		< 29	29	ug/l	B4194	D
2,6-Dinitrotoluene		< 9.5	9.5	ug/l	B4194	D
1,2-Diphenylhydrazine		< 55	55	ug/l	B4194	D
Fluoranthene		< 11	11	ug/l	B4194	D
Fluorene		< 9.5	9.5	ug/l	B4194	D
Hexachlorobenzene		< 9.5	9.5	ug/l	B4194	D
Hexachlorobutadiene		< 4.5	4.5	ug/l	B4194	D
Hexachlorocyclopentadiene		< 25	25	ug/l	B4194	D
Hexachloroethane		< 8	8	ug/l	B4194	D
Indeno(1,2,3-cd)pyrene		< 19	19	ug/l	B4194	D
Isophorone		< 11	11	ug/l	B4194	D
n-Nitrosodi-n-propylamine		< 4.2	4.2	ug/l	B4194	D
n-Nitrosodimethylamine		< 4.8	4.8	ug/l	B4194	D
n-Nitrosodiphenylamine		< 9.5	9.5	ug/l	B4194	DR
Naphthalene		< 8	8	ug/l	B4194	D
Nitrobenzene		< 9.5	9.5	ug/l	B4194	D
2-Nitrophenol		< 18	18	ug/l	B4194	D
4-Nitrophenol		< 12	12	ug/l	B4194	D
p-Chloro-m-cresol		< 15	15	ug/l	B4194	D
Pentachlorophenol		< 18	18	ug/l	B4194	D
Phenanthrene		< 27	27	ug/l	B4194	D
Phenol		< 7.5	7.5	ug/l	B4194	D
Pyrene		< 9.5	9.5	ug/l	B4194	D
1,2,4-Trichlorobenzene		< 9.5	9.5	ug/l	B4194	D
2,4,6-Trichlorophenol		< 14	14	ug/l	B4194	D
Surrogate Recovery						
2-Fluorobiphenyl			-		B4194	D
2-Fluorophenol			-		B4194	D
Nitrobenzene-D5			-		B4194	D
Phenol-D5			-		B4194	D
Terphenyl-D14			-		B4194	D
2,4,6-Tribromophenol			-		B4194	D
Volatile Organic Compounds By EPA 624						
Acrolein		< 50	50	ug/l	V5934	
Acrylonitrile		< 50	50	ug/l	V5934	

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ANALYTICAL RESULTS

AIC No. 103601-3 (Continued)

Sample Identification: SPI 3 9/25/06 2:20PM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)						
Benzene		< 4.4	4.4	ug/l	V5934	
Bromoform		< 4.7	4.7	ug/l	V5934	
Carbon tetrachloride		< 2.8	2.8	ug/l	V5934	
Chlorobenzene		< 6	6	ug/l	V5934	
Chlorodibromomethane		< 3.1	3.1	ug/l	V5934	
Chloroethane		< 8.7	8.7	ug/l	V5934	
2-Chloroethylvinyl ether		< 5.1	5.1	ug/l	V5934	
Chloroform		5.5	1.6	ug/l	V5934	
Dichlorobromomethane		< 2.2	2.2	ug/l	V5934	
1,1-Dichloroethane		< 4.7	4.7	ug/l	V5934	
1,2-Dichloroethane		< 2.8	2.8	ug/l	V5934	
1,1-Dichloroethylene		< 2.8	2.8	ug/l	V5934	
trans-1,2-Dichloroethylene		< 1.6	1.6	ug/l	V5934	
1,2-Dichloropropane		< 6	6	ug/l	V5934	
cis-1,3-Dichloropropylene		< 5	5	ug/l	V5934	
trans-1,3-Dichloropropylene		< 1.3	1.3	ug/l	V5934	
Ethylbenzene		< 7.2	7.2	ug/l	V5934	
Methyl bromide(Bromomethane)		< 8.9	8.9	ug/l	V5934	
Methyl chloride(Chloromethane)		< 7.8	7.8	ug/l	V5934	
Methylene chloride		< 10	10	ug/l	V5934	
1,1,2,2-Tetrachloroethane		< 6.9	8.9	ug/l	V5934	
Tetrachloroethylene		< 4.1	4.1	ug/l	V5934	
Toluene		< 6	6	ug/l	V5934	
1,1,1-Trichloroethane		< 3.8	3.8	ug/l	V5934	
1,1,2-Trichloroethane		< 5	5	ug/l	V5934	
Trichloroethylene		< 1.9	1.9	ug/l	V5934	
Vinyl chloride		< 6.4	6.4	ug/l	V5934	
Surrogate Recovery						
Bromofluorobenzene		92.1	-	%	V5934	
Dibromofluoromethane		101	-	%	V5934	
Toluene-D8		97.3	-	%	V5934	
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.04	0.04	ug/l	G6017	D
alpha-BHC		< 0.03	0.03	ug/l	G6017	D
alpha-Endosulfan		< 0.14	0.14	ug/l	G6017	D
beta-BHC		< 0.06	0.06	ug/l	G6017	D
beta-Endosulfan		< 0.04	0.04	ug/l	G6017	D
Chlordane		< 0.14	0.14	ug/l	G6017	D
4,4'-DDD		< 0.11	0.11	ug/l	G6017	D
4,4'-DDE		< 0.04	0.04	ug/l	G6017	D
4,4'-DDT		< 0.12	0.12	ug/l	G6017	D
delta-BHC		< 0.09	0.09	ug/l	G6017	D
Dieldrin		< 0.02	0.02	ug/l	G6017	D
Endosulfan sulfate		< 0.66	0.66	ug/l	G6017	D
Endrin		< 0.06	0.06	ug/l	G6017	D
Endrin aldehyde		< 0.23	0.23	ug/l	G6017	D
gamma-BHC (Lindane)		< 0.04	0.04	ug/l	G6017	D
Heptachlor		< 0.03	0.03	ug/l	G6017	D



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ANALYTICAL RESULTS

AIC No. 103601-3 (Continued)

Sample Identification: SPI 3 9/25/06 2:20PM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)						
Heptachlor epoxide		< 0.83	0.83	ug/l	G6017	D
PCB 1016		< 0.7	0.7	ug/l	G6017	D
PCB 1221		< 2	2	ug/l	G6017	D
PCB 1232		< 0.5	0.5	ug/l	G6017	D
PCB 1242		< 0.6	0.6	ug/l	G6017	D
PCB 1248		< 0.7	0.7	ug/l	G6017	D
PCB 1254		< 2	2	ug/l	G6017	D
PCB 1260		< 0.6	0.6	ug/l	G6017	D
Toxaphene		< 2.4	2.4	ug/l	G6017	D
Surrogate Recovery						
Decachlorobiphenyl			-		G6017	D
Tetrachloro-m-xylene			-		G6017	D



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SAMPLE PREPARATION REPORT

AIC No. 103601-1

Analyte	Date/Time Prepared By		Date/Time Analyzed By		Dilution	Batch	Qualifier
Base/Neutral and Acid Compounds	27SEP06 1154	226	28SEP06 1339	167		B4194	R
Volatile Organic Compounds			26SEP06 1827	257		V5934	
Organochlorine Pesticides and PCBs	28SEP06 1213	226	29SEP06 0138	194	10	G6017	D

AIC No. 103601-2

Analyte	Date/Time Prepared By		Date/Time Analyzed By		Dilution	Batch	Qualifier
Base/Neutral and Acid Compounds	27SEP06 1154	226	27SEP06 2107	167	5	B4194	DR
Volatile Organic Compounds			26SEP06 1904	257		V5934	
Organochlorine Pesticides and PCBs	28SEP06 1213	226	29SEP06 0214	194	10	G6017	D

AIC No. 103601-3

Analyte	Date/Time Prepared By		Date/Time Analyzed By		Dilution	Batch	Qualifier
Base/Neutral and Acid Compounds	27SEP06 1154	226	27SEP06 2200	167	5	B4194	DR
Volatile Organic Compounds			26SEP06 1941	257		V5934	
Organochlorine Pesticides and PCBs	28SEP06 1213	226	29SEP06 0249	194	10	G6017	D



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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds							
Acenaphthene	50 ug/l	82.6/78.4	47-145	5.24	67.1	B4194	
Acenaphthylene	50 ug/l	87.2/81.4	33-145	6.81	98.1	B4194	
Anthracene	50 ug/l	90.6/85.9	27-133	5.35	78.1	B4194	
Benzo(a)anthracene	50 ug/l	92.0/86.6	33-143	6.04	67.3	B4194	
Benzo(a)pyrene	50 ug/l	94.9/91.6	17-163	3.58	95.2	B4194	
Benzo(g,h,i)perylene	50 ug/l	79.7/73.1	D-219	8.69	144	B4194	
Benzo(k)fluoranthene	50 ug/l	96.8/90.4	11-162	6.83	78.6	B4194	
3,4-Benzofluoranthene	50 ug/l	101/92.7	24-159	8.29	94.7	B4194	
Bis(2-chloroethoxy)methane	50 ug/l	87.4/85.1	33-184	2.64	84.2	B4194	
Bis(2-chloroethyl)ether	50 ug/l	84.4/83.4	12-158	1.19	134	B4194	
Bis(2-chloroisopropyl)ether	50 ug/l	83.1/83.2	36-166	0.0962	113	B4194	
Bis(2-ethylhexyl)phthalate	50 ug/l	87.8/89.1	8-158	1.47	100	B4194	
4-Bromophenyl phenyl ether	50 ug/l	89.7/81.9	53-127	9.02	56.1	B4194	
Butylbenzyl phthalate	50 ug/l	105/105	D-152	0.553	87.1	B4194	
2-Chloronaphthalene	50 ug/l	82.4/76.4	60-118	7.66	31.7	B4194	
2-Chlorophenol	50 ug/l	82.5/82.9	23-134	0.484	70	B4194	
4-Chlorophenyl phenyl ether	50 ug/l	86.2/83.2	25-158	3.57	81.5	B4194	
Chrysene	50 ug/l	84.6/79.1	17-168	6.69	118	B4194	
Di-n-butyl phthalate	50 ug/l	103/104	1-118	1.35	40.7	B4194	
Di-n-octyl phthalate	50 ug/l	89.9/100	4-146	11.1	76.6	B4194	
Dibenzo(a,h)anthracene	50 ug/l	90.3/82.8	D-227	8.66	171	B4194	
1,2-Dichlorobenzene	50 ug/l	75.9/73.9	32-129	2.64	75.4	B4194	
1,3-Dichlorobenzene	50 ug/l	72.7/71.9	D-172	1.16	102	B4194	
1,4-Dichlorobenzene	50 ug/l	73.2/72.0	20-124	1.57	78.3	B4194	
2,4-Dichlorophenol	50 ug/l	84.5/83.9	39-135	0.736	64.4	B4194	
Diethyl phthalate	50 ug/l	89.4/88.3	D-114	1.24	64.7	B4194	
Dimethyl phthalate	50 ug/l	88.6/85.2	D-112	3.89	56.6	B4194	
2,4-Dimethylphenol	50 ug/l	82.3/79.5	32-119	3.41	63.7	B4194	
4,6-Dinitro-o-cresol	50 ug/l	80.2/81.5	D-181	1.58	227	B4194	
2,4-Dinitrophenol	50 ug/l	53.2/62.8	D-191	16.6	122	B4194	
2,4-Dinitrotoluene	50 ug/l	83.5/85.7	39-139	2.70	53.2	B4194	
2,6-Dinitrotoluene	50 ug/l	93.8/91.9	50-158	2.05	72.2	B4194	
1,2-Diphenylhydrazine	50 ug/l	92.4/83.6	D-150	10.0	50	B4194	
Fluoranthene	50 ug/l	88.2/90.2	26-137	2.33	80	B4194	
Fluorene	50 ug/l	86.2/83.3	59-121	3.40	50.5	B4194	
Hexachlorobenzene	50 ug/l	87.7/81.6	D-152	7.23	60.8	B4194	
Hexachlorobutadiene	50 ug/l	76.8/70.6	24-116	8.30	64.2	B4194	
Hexachlorocyclopentadiene	50 ug/l	82.4/71.6	D-150	14.0	50	B4194	
Hexachloroethane	50 ug/l	74.8/72.8	40-113	2.68	59.8	B4194	
Indeno(1,2,3-cd)pyrene	50 ug/l	87.5/85.1	D-171	2.85	109	B4194	
Isophorone	50 ug/l	88.7/87.6	21-196	1.23	154	B4194	
n-Nitrosodi-n-propylamine	50 ug/l	90.3/94.4	D-230	4.53	135	B4194	
n-Nitrosodimethylamine	50 ug/l	65.4/60.8	D-150	7.38	50	B4194	
n-Nitrosodiphenylamine	50 ug/l	88.1/80.8	D-150	8.62	50	B4194	
Naphthalene	50 ug/l	79.3/75.9	21-133	4.38	73.4	B4194	
Nitrobenzene	50 ug/l	84.1/79.5	35-180	5.60	95.9	B4194	
2-Nitrophenol	50 ug/l	91.2/88.3	29-182	3.19	85.9	B4194	

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds (Continued)							
4-Nitrophenol	50 ug/l	45.4/53.0	D-132	15.5	115	B4194	
p-Chloro-m-cresol	50 ug/l	89.1/94.2	22-147	5.56	90.8	B4194	
Pentachlorophenol	50 ug/l	73.3/72.9	14-176	0.547	119	B4194	
Phenanthrene	50 ug/l	84.7/79.7	54-120	6.10	50.3	B4194	
Phenol	50 ug/l	49.9/51.0	5-112	2.26	55.1	B4194	
Pyrene	50 ug/l	91.0/83.7	52-115	8.42	61.5	B4194	
1,2,4-Trichlorobenzene	50 ug/l	78.6/74.3	44-142	5.68	68.6	B4194	
2,4,6-Trichlorophenol	50 ug/l	88.7/83.3	37-144	6.25	77.3	B4194	
Surrogate Recovery							
2-Fluorobiphenyl	100 ug/l	82.4/77.2	60-106	-		B4194	
2-Fluorophenol	100 ug/l	64.6/64.0	43-83	-		B4194	
Nitrobenzene-D5	50 ug/l	87.5/84.3	0-106	-		B4194	
Phenol-D5	100 ug/l	44.9/46.3	31.4-67	-		B4194	
Terphenyl-D14	55 ug/l	91.7/86.6	66.8-120	-		B4194	
2,4,6-Tribromophenol	100 ug/l	93.7/87.0	64.4-110	-		B4194	
Volatile Organic Compounds							
Acrylonitrile	200 ug/l	100	51.4-133	-		V5934	
Benzene	20 ug/l	90.1	37-151	-		V5934	
Bromoform	20 ug/l	72.9	45-169	-		V5934	
Carbon tetrachloride	20 ug/l	92.2	70-140	-		V5934	
Chlorobenzene	20 ug/l	87.2	77.7-121	-		V5934	
Chlorodibromomethane	20 ug/l	81.5	53-149	-		V5934	
Chloroethane	20 ug/l	99.8	57.5-137	-		V5934	
Chloroform	20 ug/l	91.2	51-138	-		V5934	
Dichlorobromomethane	20 ug/l	86.6	70.5-120	-		V5934	
1,1-Dichloroethane	20 ug/l	93.6	69.6-125	-		V5934	
1,2-Dichloroethane	20 ug/l	88.4	74.1-155	-		V5934	
1,1-Dichloroethylene	20 ug/l	97.0	62.9-134	-		V5934	
trans-1,2-Dichloroethylene	20 ug/l	90.2	75.5-119	-		V5934	
1,2-Dichloropropane	20 ug/l	85.7	70-125	-		V5934	
cis-1,3-Dichloropropylene	20 ug/l	79.8	58.4-121	-		V5934	
trans-1,3-Dichloropropylene	20 ug/l	76.0	67-126	-		V5934	
Ethylbenzene	20 ug/l	83.3	76.8-122	-		V5934	
Methyl bromide(Bromomethane)	20 ug/l	91.4	44-136	-		V5934	
Methyl chloride(Chloromethane)	20 ug/l	101	53.8-140	-		V5934	
Methylene chloride	20 ug/l	86.4	76-139	-		V5934	
1,1,2,2-Tetrachloroethane	20 ug/l	88.0	46-157	-		V5934	
Tetrachloroethylene	20 ug/l	83.8	64-148	-		V5934	
Toluene	20 ug/l	85.1	75.5-124	-		V5934	
1,1,1-Trichloroethane	20 ug/l	91.7	52-162	-		V5934	
1,1,2-Trichloroethane	20 ug/l	84.6	52-150	-		V5934	
Trichloroethylene	20 ug/l	84.8	71.7-126	-		V5934	
Vinyl chloride	20 ug/l	104	67.1-135	-		V5934	
Surrogate Recovery							
Bromofluorobenzene	50 ug/l	97.0	87.7-109	-		V5934	
Dibromofluoromethane	50 ug/l	100	91-108	-		V5934	
Toluene-D8	50 ug/l	98.8	89.8-110	-		V5934	



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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Organochlorine Pesticides and PCBs							
Aldrin	0.5 ug/l	70.7/68.5	59.2-105	3.07	19.8	G6017	
alpha-BHC	0.5 ug/l	94.9/89.2	36.9-131	6.20	23.6	G6017	
alpha-Endosulfan	0.5 ug/l	93.3/90.1	54-140	3.47	21.5	G6017	
beta-BHC	0.5 ug/l	95.5/92.1	16-146	3.63	32.5	G6017	
beta-Endosulfan	0.5 ug/l	104/100	D-200	3.67	53	G6017	
4,4'-DDD	0.5 ug/l	94.7/92.1	29.5-140	2.81	27.5	G6017	
4,4'-DDE	0.5 ug/l	85.4/88.0	27.5-143	2.98	28.9	G6017	
4,4'-DDT	0.5 ug/l	95.5/93.2	23.6-162	2.46	34.6	G6017	
delta-BHC	0.5 ug/l	97.0/93.2	31.5-131	4.01	24.8	G6017	
Dieldrin	0.5 ug/l	102/97.7	54.1-128	4.59	24.8	G6017	
Endosulfan sulfate	0.5 ug/l	95.0/91.8	34.9-142	3.62	27	G6017	
Erdrin	0.5 ug/l	96.9/93.0	35.6-142	4.10	26.8	G6017	
Erdrin aldehyde	0.5 ug/l	73.0/69.1	57.2-112	5.55	43.2	G6017	
gamma-BHC (Lindane)	0.5 ug/l	93.6/89.0	37.7-126	5.11	22.1	G6017	
Heptachlor	0.5 ug/l	80.1/77.1	63.8-109	3.79	22.9	G6017	
Heptachlor epoxide	0.5 ug/l	92.0/88.4	35.2-143	4.04	27	G6017	
Surrogate Recovery							
Decachlorobiphenyl	1 ug/l	85.1/81.0	54.5-109	-		G6017	
Tetrachloro-m-xylene	1 ug/l	65.0/62.8	50.6-96.8	-		G6017	

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Volatile Organic Compounds							
Acrylonitrile	200 ug/l	102	56.7-129	-		V5934	
Benzene	20 ug/l	105	79.9-125	-		V5934	
Bromoform	20 ug/l	93.0	60.1-128	-		V5934	
Carbon tetrachloride	20 ug/l	108	71.3-127	-		V5934	
Chlorobenzene	20 ug/l	102	85.2-114	-		V5934	
Chlorodibromomethane	20 ug/l	98.6	71-123	-		V5934	
Chloroethane	20 ug/l	114	53.3-149	-		V5934	
Chloroform	20 ug/l	105	74-128	-		V5934	
Dichlorobromomethane	20 ug/l	102	74.2-122	-		V5934	
1,1-Dichloroethane	20 ug/l	106	79.2-129	-		V5934	
1,2-Dichloroethane	20 ug/l	103	78.9-130	-		V5934	
1,1-Dichloroethylene	20 ug/l	110	76-125	-		V5934	
trans-1,2-Dichloroethylene	20 ug/l	104	79.4-126	-		V5934	
1,2-Dichloropropane	20 ug/l	99.4	74.3-122	-		V5934	
cis-1,3-Dichloropropylene	20 ug/l	92.5	62.6-118	-		V5934	
trans-1,3-Dichloropropylene	20 ug/l	92.6	60.6-121	-		V5934	
Ethylbenzene	20 ug/l	99.0	79-122	-		V5934	
Methyl bromide(Bromomethane)	20 ug/l	87.3	45.5-135	-		V5934	
Methyl chloride(Chloromethane)	20 ug/l	110	52.9-150	-		V5934	
Methylene chloride	20 ug/l	97.4	74.6-128	-		V5934	
1,1,2,2-Tetrachloroethane	20 ug/l	111	71.7-130	-		V5934	
Tetrachloroethylene	20 ug/l	101	74.5-125	-		V5934	
Toluene	20 ug/l	101	77.7-125	-		V5934	
1,1,1-Trichloroethane	20 ug/l	104	72.1-124	-		V5934	
1,1,2-Trichloroethane	20 ug/l	103	77.7-119	-		V5934	
Trichloroethylene	20 ug/l	100	81.2-120	-		V5934	
Vinyl chloride	20 ug/l	114	56.2-149	-		V5934	
Surrogate Recovery							
Bromofluorobenzene	50 ug/l	96.7	86.3-111	-		V5934	
Dibromofluoromethane	50 ug/l	101	85.8-110	-		V5934	
Toluene-D8	50 ug/l	98.8	88.2-108	-		V5934	

Van Buren Municipal Utilities
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LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	QC Sample	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 1.9	ug/l	1.9	B4194-1	
Acenaphthylene		< 3.5	ug/l	3.5	B4194-1	
Anthracene		< 1.9	ug/l	1.9	B4194-1	
Benzidine		< 44	ug/l	44	B4194-1	
Benzo(a)anthracene		< 7.8	ug/l	7.8	B4194-1	
Benzo(a)pyrene		< 2.5	ug/l	2.5	B4194-1	
Benzo(g,h,i)perylene		< 4.1	ug/l	4.1	B4194-1	
Benzo(k)fluoranthene		< 2.5	ug/l	2.5	B4194-1	
3,4-Benzofluoranthene		< 4.8	ug/l	4.8	B4194-1	
Bis(2-chloroethoxy)methane		< 5.3	ug/l	5.3	B4194-1	
Bis(2-chloroethyl)ether		< 5.7	ug/l	5.7	B4194-1	
Bis(2-chloroisopropyl)ether		< 5.7	ug/l	5.7	B4194-1	
Bis(2-ethylhexyl)phthalate		< 2.5	ug/l	2.5	B4194-1	
4-Bromophenyl phenyl ether		< 1.9	ug/l	1.9	B4194-1	
Butylbenzyl phthalate		< 2.5	ug/l	2.5	B4194-1	
2-Chloronaphthalene		< 1.9	ug/l	1.9	B4194-1	
2-Chlorophenol		< 3.3	ug/l	3.3	B4194-1	
4-Chlorophenyl phenyl ether		< 4.2	ug/l	4.2	B4194-1	
Chrysene		< 2.5	ug/l	2.5	B4194-1	
Di-n-butyl phthalate		< 2.5	ug/l	2.5	B4194-1	
Di-n-octyl phthalate		< 2.5	ug/l	2.5	B4194-1	
Dibenzo(a,h)anthracene		< 2.5	ug/l	2.5	B4194-1	
1,2-Dichlorobenzene		< 1.9	ug/l	1.9	B4194-1	
1,3-Dichlorobenzene		< 1.9	ug/l	1.9	B4194-1	
1,4-Dichlorobenzene		< 4.4	ug/l	4.4	B4194-1	
3,3'-Dichlorobenzidine		< 16.5	ug/l	17	B4194-1	
2,4-Dichlorophenol		< 2.7	ug/l	2.7	B4194-1	
Diethyl phthalate		< 1.9	ug/l	1.9	B4194-1	
Dimethyl phthalate		< 1.6	ug/l	1.6	B4194-1	
2,4-Dimethylphenol		< 2.7	ug/l	2.7	B4194-1	
4,6-Dinitro-o-cresol		< 24	ug/l	24	B4194-1	
2,4-Dinitrophenol		< 42	ug/l	42	B4194-1	
2,4-Dinitrotoluene		< 5.7	ug/l	5.7	B4194-1	
2,6-Dinitrotoluene		< 1.9	ug/l	1.9	B4194-1	
1,2-Diphenylhydrazine		< 11	ug/l	11	B4194-1	
Fluoranthene		< 2.2	ug/l	2.2	B4194-1	
Fluorene		< 1.9	ug/l	1.9	B4194-1	
Hexachlorobenzene		< 1.9	ug/l	1.9	B4194-1	
Hexachlorobutadiene		< 0.9	ug/l	0.9	B4194-1	
Hexachlorocyclopentadiene		< 0.78	ug/l	0.78	B4194-1	
Hexachloroethane		< 1.6	ug/l	1.6	B4194-1	
Indeno(1,2,3-cd)pyrene		< 3.7	ug/l	3.7	B4194-1	
Isophorone		< 2.2	ug/l	2.2	B4194-1	
n-Nitrosodi-n-propylamine		< 0.84	ug/l	0.84	B4194-1	
n-Nitrosodimethylamine		< 0.96	ug/l	0.96	B4194-1	
n-Nitrosodiphenylamine		< 1.9	ug/l	1.9	B4194-1	R
Naphthalene		< 1.6	ug/l	1.6	B4194-1	
Nitrobenzene		< 1.9	ug/l	1.9	B4194-1	
2-Nitrophenol		< 3.6	ug/l	3.6	B4194-1	

Van Buren Municipal Utilities
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LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	QC Sample	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
4-Nitrophenol		< 2.4	ug/l	2.4	B4194-1	
p-Chloro-m-cresol		< 3	ug/l	3	B4194-1	
Pentachlorophenol		< 3.6	ug/l	3.6	B4194-1	
Phenanthrene		< 5.4	ug/l	5.4	B4194-1	
Phenol		< 1.5	ug/l	1.5	B4194-1	
Pyrene		< 1.9	ug/l	1.9	B4194-1	
1,2,4-Trichlorobenzene		< 1.9	ug/l	1.9	B4194-1	
2,4,6-Trichlorophenol		< 2.7	ug/l	2.7	B4194-1	
Surrogate Recovery						
2-Fluorobiphenyl		77.3	%	-	B4194-1	
2-Fluorophenol		68.0	%	-	B4194-1	
Nitrobenzene-D5		89.3	%	-	B4194-1	
Phenol-D5		48.3	%	-	B4194-1	
Terphenyl-D14		94.1	%	-	B4194-1	
2,4,6-Tribromophenol		88.3	%	-	B4194-1	
Volatile Organic Compounds By EPA 624						
Acrolein		< 50	ug/l	50	V5934-1	
Acrylonitrile		< 50	ug/l	50	V5934-1	
Benzene		< 4.4	ug/l	4.4	V5934-1	
Bromoform		< 4.7	ug/l	4.7	V5934-1	
Carbon tetrachloride		< 2.8	ug/l	2.8	V5934-1	
Chlorobenzene		< 6	ug/l	6	V5934-1	
Chlorodibromomethane		< 3.1	ug/l	3.1	V5934-1	
Chloroethane		< 8.7	ug/l	8.7	V5934-1	
2-Chloroethylvinyl ether		< 5.1	ug/l	5.1	V5934-1	
Chloroform		< 1.6	ug/l	1.6	V5934-1	
Dichlorobromomethane		< 2.2	ug/l	2.2	V5934-1	
1,1-Dichloroethane		< 4.7	ug/l	4.7	V5934-1	
1,2-Dichloroethane		< 2.8	ug/l	2.8	V5934-1	
1,1-Dichloroethylene		< 2.8	ug/l	2.8	V5934-1	
trans-1,2-Dichloroethylene		< 1.6	ug/l	1.6	V5934-1	
1,2-Dichloropropane		< 6	ug/l	6	V5934-1	
cis-1,3-Dichloropropylene		< 5	ug/l	5	V5934-1	
trans-1,3-Dichloropropylene		< 1.3	ug/l	1.3	V5934-1	
Ethylbenzene		< 7.2	ug/l	7.2	V5934-1	
Methyl bromide(Bromomethane)		< 8.9	ug/l	8.9	V5934-1	
Methyl chloride(Chloromethane)		< 7.8	ug/l	7.8	V5934-1	
Methylene chloride		< 10	ug/l	10	V5934-1	
1,1,2,2-Tetrachloroethane		< 6.9	ug/l	6.9	V5934-1	
Tetrachloroethylene		< 4.1	ug/l	4.1	V5934-1	
Toluene		< 6	ug/l	6	V5934-1	
1,1,1-Trichloroethane		< 3.8	ug/l	3.8	V5934-1	
1,1,2-Trichloroethane		< 5	ug/l	5	V5934-1	
Trichloroethylene		< 1.9	ug/l	1.9	V5934-1	
Vinyl chloride		< 6.4	ug/l	6.4	V5934-1	
Surrogate Recovery						
Bromofluorobenzene		89.0	%	-	V5934-1	
Dibromofluoromethane		103	%	-	V5934-1	
Toluene-D8		97.1	%	-	V5934-1	

Van Buren Municipal Utilities
2806 Bryan Road
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LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	QC Sample	Qualifier
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.004	ug/l	0.004	G6017-1	
alpha-BHC		< 0.003	ug/l	0.003	G6017-1	
alpha-Endosulfan		< 0.014	ug/l	0.014	G6017-1	
beta-BHC		< 0.006	ug/l	0.006	G6017-1	
beta-Endosulfan		< 0.004	ug/l	0.004	G6017-1	
Chlordane		< 0.014	ug/l	0.014	G6017-1	
4,4'-DDD		< 0.011	ug/l	0.011	G6017-1	
4,4'-DDE		< 0.004	ug/l	0.004	G6017-1	
4,4'-DDT		< 0.012	ug/l	0.012	G6017-1	
delta-BHC		< 0.009	ug/l	0.009	G6017-1	
Dieldrin		< 0.002	ug/l	0.002	G6017-1	
Endosulfan sulfate		< 0.066	ug/l	0.066	G6017-1	
Endrin		< 0.006	ug/l	0.006	G6017-1	
Endrin aldehyde		< 0.023	ug/l	0.023	G6017-1	
gamma-BHC (Lindane)		< 0.004	ug/l	0.004	G6017-1	
Heptachlor		< 0.003	ug/l	0.003	G6017-1	
Heptachlor epoxide		< 0.083	ug/l	0.083	G6017-1	
PCB 1016		< 0.07	ug/l	0.07	G6017-1	
PCB 1221		< 0.2	ug/l	0.2	G6017-1	
PCB 1232		< 0.05	ug/l	0.05	G6017-1	
PCB 1242		< 0.06	ug/l	0.06	G6017-1	
PCB 1248		< 0.07	ug/l	0.07	G6017-1	
PCB 1254		< 0.2	ug/l	0.2	G6017-1	
PCB 1260		< 0.06	ug/l	0.06	G6017-1	
Toxaphene		< 0.24	ug/l	0.24	G6017-1	
Surrogate Recovery						
Decachlorobiphenyl		82.5	%	-	G6017-1	
Tetrachloro-m-xylene		58.1	%	-	G6017-1	



Van Buren Municipal Utilities
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QUALITY CONTROL PREPARATION REPORT

LABORATORY CONTROL SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Base/Neutral and Acid Compounds	27SEP06 1155 226	27SEP06 1455 167		B4194-2	
Base/Neutral and Acid Compounds	27SEP06 1155 226	27SEP06 1548 167		B4194-3	
Volatile Organic Compounds		26SEP06 1411 257		V5934-2	
Organochlorine Pesticides and PCBs	28SEP06 1446 226	28SEP06 2055 194		G6017-2	
Organochlorine Pesticides and PCBs	28SEP06 1446 226	28SEP06 2130 194		G6017-3	

MATRIX SPIKE SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Volatile Organic Compounds		27SEP06 0946 257		V5934-4	

LABORATORY BLANKS

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Base/Neutral and Acid Compounds	27SEP06 1155 226	27SEP06 1402 167		B4194-1	R
Volatile Organic Compounds		26SEP08 1158 257		V5934-1	
Organochlorine Pesticides and PCBs	28SEP06 1446 226	28SEP06 2019 194		G6017-1	



LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE 1 OF 1

Client: Van Buren Municipal Utilities		AIC CONTROL NO: 03601	
Project: Smooth Plant Table II		AIC PROPOSAL NO:	
Manager: Kim Redo		Carrier: UPS	
Sampled By: KR		Received Temperature C: 16	
AIC No. SPI1		2H (S.d.) Residuals Temp (C): 7.17 24.7	
Date/Time Collected: 9/25/06		7.00 23.5	
AIC No. SPI2		7.12 25.4	
Date/Time Collected: 9/25/06			
AIC No. SPI3			
Date/Time Collected: 9/25/06			
AIC No. SPI4			
Date/Time Collected: 9/25/06			
Container Type: Plastic		Field pH calibration on @ Buffer:	
Preservative: (30ml HCl)		T = Sodium Thiosulfate Z = Zinc acetate	
G = Glass NO = none S = Sulfuric acid pH2		H = HCl to pH2 B = NaOH to pH12	
V = VOA vials N = Nitric acid pH2		Date/Time Received: 9/25/06	
P = Plastic		By: Kim Redo	
S = Sulfuric acid pH2		Date/Time Relinquished: 9/25/06	
Relinquished By: Kim Redo		Received In Lab By: Kim Redo	
Date/Time Relinquished: 9/25/06		Date/Time Received: 9/24/06	
Date/Time Received: 9/24/06		0900	
Comments:			
Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN ___ DAYS			
Expedited results requested by:			
Who should AIC contact with questions: Kim Redo			
Phone: 479-471-0941 Fax: 479-471-8969			
Report Attention to:			
Report Address to: Kimredo@aol.com			

① ② ③

FORM 0060

WS 5981 8/02

5/01



Van Buren Municipal Utilities
ATTN: Ms. Kim Redo
2806 Bryan Road
Van Buren, AR 72956

EAF

Dear Ms. Kim Redo:

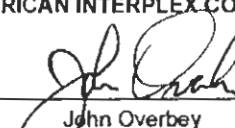
Project Description: Three (3) water sample(s) received on September 26, 2006
South Plant Table II

This report is the analytical results and supporting information for the samples submitted to American Interplex Corporation (AIC) on September 26, 2006. The following results are applicable only to the samples 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): Copy of Chain of Custody

PDF cc: Van Buren Municipal Utilities
ATTN: Ms. Kim Redo
kimredo@aol.com



Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

CASE NARRATIVE

SAMPLE RECEIPT

Received Temperature: 1°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

Elevated reporting limits for semi-volatiles for AIC Control No. 103600-1 is due to insufficient sample.

QUALIFIERS

Qualifiers	Definition
D	Result is from a secondary dilution factor
R	n-Nitrosodiphenylamine cannot be separated from diphenylamine

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).

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

EFF

ANALYTICAL RESULTS

AIC No. 103600-1

Sample Identification: SPE 1 9/25/06

Note: Elevated reporting limits for chlorinated pesticides are due to interference.

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 3.8	3.8	ug/l	B4194	D
Acenaphthylene		< 7	7	ug/l	B4194	D
Anthracene		< 3.8	3.8	ug/l	B4194	D
Benzidine		< 88	88	ug/l	B4194	D
Benzo(a)anthracene		< 16	16	ug/l	B4194	D
Benzo(a)pyrene		< 5	5	ug/l	B4194	D
Benzo(g,h,i)perylene		< 8.2	8.2	ug/l	B4194	D
Benzo(k)fluoranthene		< 5	5	ug/l	B4194	D
3,4-Benzofluoranthene		< 9.6	9.6	ug/l	B4194	D
Bis(2-chloroethoxy)methane		< 11	11	ug/l	B4194	D
Bis(2-chloroethyl)ether		< 12	12	ug/l	B4194	D
Bis(2-chloroisopropyl)ether		< 12	12	ug/l	B4194	D
Bis(2-ethylhexyl)phthalate		< 5	5	ug/l	B4194	D
4-Bromophenyl phenyl ether		< 3.8	3.8	ug/l	B4194	D
Butylbenzyl phthalate		< 5	5	ug/l	B4194	D
2-Chloronaphthalene		< 3.8	3.8	ug/l	B4194	D
2-Chlorophenol		< 6.6	6.6	ug/l	B4194	D
4-Chlorophenyl phenyl ether		< 8.4	8.4	ug/l	B4194	D
Chrysene		< 5	5	ug/l	B4194	D
Di-n-butyl phthalate		< 5	5	ug/l	B4194	D
Di-n-octyl phthalate		< 5	5	ug/l	B4194	D
Dibenzo(a,h)anthracene		< 5	5	ug/l	B4194	D
1,2-Dichlorobenzene		< 3.8	3.8	ug/l	B4194	D
1,3-Dichlorobenzene		< 3.8	3.8	ug/l	B4194	D
1,4-Dichlorobenzene		< 8.8	8.8	ug/l	B4194	D
3,3'-Dichlorobenzidine		< 33	33	ug/l	B4194	D
2,4-Dichlorophenol		< 5.4	5.4	ug/l	B4194	D
Diethyl phthalate		< 3.8	3.8	ug/l	B4194	D
Dimethyl phthalate		< 3.2	3.2	ug/l	B4194	D
2,4-Dimethylphenol		< 5.4	5.4	ug/l	B4194	D
4,6-Dinitro-o-cresol		< 48	48	ug/l	B4194	D
2,4-Dinitrophenol		< 84	84	ug/l	B4194	D
2,4-Dinitrotoluene		< 12	12	ug/l	B4194	D
2,6-Dinitrotoluene		< 3.8	3.8	ug/l	B4194	D
1,2-Diphenylhydrazine		< 22	22	ug/l	B4194	D
Fluoranthene		< 4.4	4.4	ug/l	B4194	D
Fluorene		< 3.8	3.8	ug/l	B4194	D
Hexachlorobenzene		< 3.8	3.8	ug/l	B4194	D
Hexachlorobutadiene		< 1.8	1.8	ug/l	B4194	D
Hexachlorocyclopentadiene		< 10	10	ug/l	B4194	D
Hexachloroethane		< 3.2	3.2	ug/l	B4194	D
Indeno(1,2,3-cd)pyrene		< 7.4	7.4	ug/l	B4194	D
Isophorone		< 4.4	4.4	ug/l	B4194	D
n-Nitrosodi-n-propylamine		< 1.7	1.7	ug/l	B4194	D
n-Nitrosodimethylamine		< ?	2	ug/l	B4194	D
n-Nitrosodiphenylamine		< 3.8	3.8	ug/l	B4194	DR
Naphthalene		< 3.2	3.2	ug/l	B4194	D

Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

ANALYTICAL RESULTS

AIC No. 103600-1 (Continued)

Sample Identification: SPE 1 9/25/06

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Nitrobenzene		< 3.8	3.8	ug/l	B4194	D
2-Nitrophenol		< 7.2	7.2	ug/l	B4194	D
4-Nitrophenol		< 4.8	4.8	ug/l	B4194	D
p-Chloro-m-cresol		< 6	6	ug/l	B4194	D
Pentachlorophenol		< 7.2	7.2	ug/l	B4194	D
Phenanthrene		< 11	11	ug/l	B4194	D
Phenol		< 3	3	ug/l	B4194	D
Pyrene		< 3.8	3.8	ug/l	B4194	D
1,2,4-Trichlorobenzene		< 3.8	3.8	ug/l	B4194	D
2,4,6-Trichlorophenol		< 5.4	5.4	ug/l	B4194	D
Surrogate Recovery						
2-Fluorobiphenyl		-	-		B4194	D
2-Fluorophenol		-	-		B4194	D
Nitrobenzene-D5		-	-		B4194	D
Phenol-D5		-	-		B4194	D
Terphenyl-D14		-	-		B4194	D
2,4,6-Tribromophenol		-	-		B4194	D
Volatile Organic Compounds By EPA 624						
Acrolein		< 50	50	ug/l	V5934	
Acrylonitrile		< 50	50	ug/l	V5934	
Benzene		< 4.4	4.4	ug/l	V5934	
Bromoform		< 4.7	4.7	ug/l	V5934	
Carbon tetrachloride		< 2.8	2.8	ug/l	V5934	
Chlorobenzene		< 6	6	ug/l	V5934	
Chlorodibromomethane		< 3.1	3.1	ug/l	V5934	
Chloroethane		< 8.7	8.7	ug/l	V5934	
2-Chloroethylvinyl ether		< 5.1	5.1	ug/l	V5934	
Chloroform		3.1	1.6	ug/l	V5934	
Dichlorobromomethane		< 2.2	2.2	ug/l	V5934	
1,1-Dichloroethane		< 4.7	4.7	ug/l	V5934	
1,2-Dichloroethane		< 2.8	2.8	ug/l	V5934	
1,1-Dichloroethylene		< 2.8	2.8	ug/l	V5934	
trans-1,2-Dichloroethylene		< 1.6	1.6	ug/l	V5934	
1,2-Dichloropropane		< 6	6	ug/l	V5934	
cis-1,3-Dichloropropylene		< 5	5	ug/l	V5934	
trans-1,3-Dichloropropylene		< 1.3	1.3	ug/l	V5934	
Ethylbenzene		< 7.2	7.2	ug/l	V5934	
Methyl bromide(Bromomethane)		< 8.9	8.9	ug/l	V5934	
Methyl chloride(Chloromethane)		< 7.8	7.8	ug/l	V5934	
Methylene chloride		< 10	10	ug/l	V5934	
1,1 2,2-Tetrachloroethane		< 6.9	6.9	ug/l	V5934	
Tetrachloroethylene		< 4.1	4.1	ug/l	V5934	
Toluene		< 6	6	ug/l	V5934	
1,1,1-Trichloroethane		< 3.8	3.8	ug/l	V5934	
1,1,2-Trichloroethane		< 5	5	ug/l	V5934	
Trichloroethylene		< 1.9	1.9	ug/l	V5934	
Vinyl chloride		< 6.4	6.4	ug/l	V5934	
Surrogate Recovery						
Bromofluorobenzene		88.1	-	%	V5934	

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ANALYTICAL RESULTS

AIC No. 103600-1 (Continued)
Sample Identification: SPE 1 9/25/06

Analyte	Method	Result	RL	Units	Batch	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)						
Surrogate Recovery						
Dibromofluoromethane		103	-	%	V5934	
Toluene-D8		98.1	-	%	V5934	
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.04	0.04	ug/l	G6017	D
alpha-BHC		< 0.03	0.03	ug/l	G6017	D
alpha-Endosulfan		< 0.14	0.14	ug/l	G6017	D
beta-BHC		< 0.06	0.06	ug/l	G6017	D
beta-Endosulfan		< 0.04	0.04	ug/l	G6017	D
Chlordane		< 0.14	0.14	ug/l	G6017	D
4,4'-DDD		< 0.11	0.11	ug/l	G6017	D
4,4'-DDE		< 0.04	0.04	ug/l	G6017	D
4,4'-DDT		< 0.12	0.12	ug/l	G6017	D
delta-BHC		< 0.09	0.09	ug/l	G6017	D
Dieldrin		< 0.02	0.02	ug/l	G6017	D
Endosulfan sulfate		< 0.66	0.66	ug/l	G6017	D
Endrin		< 0.06	0.06	ug/l	G6017	D
Endrin aldehyde		< 0.23	0.23	ug/l	G6017	D
gamma-BHC (Lindane)		< 0.04	0.04	ug/l	G6017	D
Heptachlor		< 0.03	0.03	ug/l	G6017	D
Heptachlor epoxide		< 0.83	0.83	ug/l	G6017	D
PCB 1016		< 0.7	0.7	ug/l	G6017	D
PCB 1221		< 2	2	ug/l	G6017	D
PCB 1232		< 0.5	0.5	ug/l	G6017	D
PCB 1242		< 0.6	0.6	ug/l	G6017	D
PCB 1248		< 0.7	0.7	ug/l	G6017	D
PCB 1254		< 2	2	ug/l	G6017	D
PCB 1260		< 0.6	0.6	ug/l	G6017	D
Toxaphene		< 2.4	2.4	ug/l	G6017	D
Surrogate Recovery						
Decachlorobiphenyl			-		G6017	D
Tetrachloro-m-xylene			-		G6017	D

AIC No. 103600-2
Sample Identification: SPE 2 9/25/06 10:50AM
Note: Elevated reporting limits for chlorinated pesticides are due to interference.

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 1.9	1.9	ug/l	B4194	
Acenaphthylene		< 3.5	3.5	ug/l	B4194	
Anthracene		< 1.9	1.9	ug/l	B4194	
Benzidine		< 44	44	ug/l	B4194	
Benzo(a)anthracene		< 7.8	7.8	ug/l	B4194	
Benzo(a)pyrene		< 2.5	2.5	ug/l	B4194	
Benzo(g,h,i)perylene		< 4.1	4.1	ug/l	B4194	
Benzo(k)fluoranthene		< 2.5	2.5	ug/l	B4194	
3,4-Benzofluoranthene		< 4.8	4.8	ug/l	B4194	

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ANALYTICAL RESULTS

AIC No. 103600-2 (Continued)

Sample Identification: SPE 2 9/25/06 10:50AM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Bis(2-chloroethoxy)methane		< 5.3	5.3	ug/l	B4194	
Bis(2-chloroethyl)ether		< 5.7	5.7	ug/l	B4194	
Bis(2-chloroisopropyl)ether		< 5.7	5.7	ug/l	B4194	
Bis(2-ethylhexyl)phthalate		3.7	2.5	ug/l	B4194	
4-Bromophenyl phenyl ether		< 1.9	1.9	ug/l	B4194	
Butylbenzyl phthalate		< 2.5	2.5	ug/l	B4194	
2-Chloronaphthalene		< 1.9	1.9	ug/l	B4194	
2-Chlorophenol		< 3.3	3.3	ug/l	B4194	
4-Chlorophenyl phenyl ether		< 4.2	4.2	ug/l	B4194	
Chrysene		< 2.5	2.5	ug/l	B4194	
Di-n-butyl phthalate		< 2.5	2.5	ug/l	B4194	
Di-n-octyl phthalate		< 2.5	2.5	ug/l	B4194	
Dibenzo(a,h)anthracene		< 2.5	2.5	ug/l	B4194	
1,2-Dichlorobenzene		< 1.9	1.9	ug/l	B4194	
1,3-Dichlorobenzene		< 1.9	1.9	ug/l	B4194	
1,4-Dichlorobenzene		< 4.4	4.4	ug/l	B4194	
3,3'-Dichlorobenzidine		< 17	17	ug/l	B4194	
2,4-Dichlorophenol		< 2.7	2.7	ug/l	B4194	
Diethyl phthalate		< 1.9	1.9	ug/l	B4194	
Dimethyl phthalate		< 1.6	1.6	ug/l	B4194	
2,4-Dimethylphenol		< 2.7	2.7	ug/l	B4194	
4,6-Dinitro-o-cresol		< 24	24	ug/l	B4194	
2,4-Dinitrophenol		< 42	42	ug/l	B4194	
2,4-Dinitrotoluene		< 5.7	5.7	ug/l	B4194	
2,6-Dinitrotoluene		< 1.9	1.9	ug/l	B4194	
1,2-Diphenylhydrazine		< 11	11	ug/l	B4194	
Fluoranthene		< 2.2	2.2	ug/l	B4194	
Fluorene		< 1.9	1.9	ug/l	B4194	
Hexachlorobenzene		< 1.9	1.9	ug/l	B4194	
Hexachlorobutadiene		< 0.9	0.9	ug/l	B4194	
Hexachlorocyclopentadiene		< 5	5	ug/l	B4194	
Hexachloroethane		< 1.6	1.6	ug/l	B4194	
Indeno(1,2,3-cd)pyrene		< 3.7	3.7	ug/l	B4194	
Isophorone		< 2.2	2.2	ug/l	B4194	
n-Nitrosodi-n-propylamine		< 0.84	0.84	ug/l	B4194	
n-Nitrosodimethylamine		< 0.96	0.96	ug/l	B4194	
n-Nitrosodiphenylamine		< 1.9	1.9	ug/l	B4194	R
Naphthalene		< 1.6	1.6	ug/l	B4194	
Nitrobenzene		< 1.9	1.9	ug/l	B4194	
2-Nitrophenol		< 3.6	3.6	ug/l	B4194	
4-Nitrophenol		< 2.4	2.4	ug/l	B4194	
p-Chloro-m-cresol		< 3	3	ug/l	B4194	
Pentachlorophenol		< 3.6	3.6	ug/l	B4194	
Phenanthrene		< 5.4	5.4	ug/l	B4194	
Phenol		< 1.5	1.5	ug/l	B4194	
Pyrene		< 1.9	1.9	ug/l	B4194	
1,2,4-Trichlorobenzene		< 1.9	1.9	ug/l	B4194	
2,4,6-Trichlorophenol		< 2.7	2.7	ug/l	B4194	



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ANALYTICAL RESULTS

AIC No. 103600-2 (Continued)
Sample Identification: SPE 2 9/25/06 10:50AM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Surrogate Recovery						
2-Fluorobiphenyl		60.9	-	%	B4194	
2-Fluorophenol		49.8	-	%	B4194	
Nitrobenzene-D5		65.6	-	%	B4194	
Phenol-D5		37.3	-	%	B4194	
Terphenyl-D14		63.3	-	%	B4194	
2,4,6-Tribromophenol		59.8	-	%	B4194	
Volatile Organic Compounds By EPA 624						
Acrolein		< 50	50	ug/l	V5934	
Acrylonitrile		< 50	50	ug/l	V5934	
Benzene		< 4.4	4.4	ug/l	V5934	
Bromoform		< 4.7	4.7	ug/l	V5934	
Carbon tetrachloride		< 2.8	2.8	ug/l	V5934	
Chlorobenzene		< 6	6	ug/l	V5934	
Chlorodibromomethane		< 3.1	3.1	ug/l	V5934	
Chloroethane		< 8.7	8.7	ug/l	V5934	
2-Chloroethylvinyl ether		< 5.1	5.1	ug/l	V5934	
Chloroform		3.1	1.6	ug/l	V5934	
Dichlorobromomethane		< 2.2	2.2	ug/l	V5934	
1,1-Dichloroethane		< 4.7	4.7	ug/l	V5934	
1,2-Dichloroethane		< 2.8	2.8	ug/l	V5934	
1,1-Dichloroethylene		< 2.8	2.8	ug/l	V5934	
trans-1,2-Dichloroethylene		< 1.6	1.6	ug/l	V5934	
1,2-Dichloropropane		< 6	6	ug/l	V5934	
cis-1,3-Dichloropropylene		< 5	5	ug/l	V5934	
trans-1,3-Dichloropropylene		< 1.3	1.3	ug/l	V5934	
Ethylbenzene		< 7.2	7.2	ug/l	V5934	
Methyl bromide(Bromomethane)		< 8.9	8.9	ug/l	V5934	
Methyl chloride(Chloromethane)		< 7.8	7.8	ug/l	V5934	
Methylene chloride		< 10	10	ug/l	V5934	
1,1,2,2-Tetrachloroethane		< 6.9	6.9	ug/l	V5934	
Tetrachloroethylene		< 4.1	4.1	ug/l	V5934	
Toluene		< 6	6	ug/l	V5934	
1,1,1-Trichloroethane		< 3.8	3.8	ug/l	V5934	
1,1,2-Trichloroethane		< 5	5	ug/l	V5934	
Trichloroethylene		< 1.9	1.9	ug/l	V5934	
Vinyl chloride		< 6.4	6.4	ug/l	V5934	
Surrogate Recovery						
Bromofluorobenzene		89.0	-	%	V5934	
Dibromofluoromethane		102	-	%	V5934	
Toluene-DB		97.3	-	%	V5934	
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.04	0.04	ug/l	G6017	D
alpha-BHC		< 0.03	0.03	ug/l	G6017	D
alpha-Endosulfan		< 0.14	0.14	ug/l	G6017	D
beta-BHC		< 0.06	0.06	ug/l	G6017	D
beta-Endosulfan		< 0.04	0.04	ug/l	G6017	D
Chlordane		< 0.14	0.14	ug/l	G6017	D



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ANALYTICAL RESULTS

AIC No. 103600-2 (Continued)

Sample Identification: SPE 2 9/25/06 10:50AM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)						
4,4'-DDD		< 0.11	0.11	ug/l	G6017	D
4,4'-DDE		< 0.04	0.04	ug/l	G6017	D
4,4'-DDT		< 0.12	0.12	ug/l	G6017	D
delta-BHC		< 0.09	0.09	ug/l	G6017	D
Dieldrin		< 0.02	0.02	ug/l	G6017	D
Endosulfan sulfate		< 0.66	0.66	ug/l	G6017	D
Endrin		< 0.06	0.06	ug/l	G6017	D
Endrin aldehyde		< 0.23	0.23	ug/l	G6017	D
gamma-BHC (Lindane)		< 0.04	0.04	ug/l	G6017	D
Heptachlor		< 0.03	0.03	ug/l	G6017	D
Heptachlor epoxide		< 0.83	0.83	ug/l	G6017	D
PCB 1016		< 0.7	0.7	ug/l	G6017	D
PCB 1221		< 2	2	ug/l	G6017	D
PCB 1232		< 0.5	0.5	ug/l	G6017	D
PCB 1242		< 0.6	0.6	ug/l	G6017	D
PCB 1248		< 0.7	0.7	ug/l	G6017	D
PCB 1254		< 2	2	ug/l	G6017	D
PCB 1260		< 0.6	0.6	ug/l	G6017	D
Toxaphene		< 2.4	2.4	ug/l	G6017	D
Surrogate Recovery						
Decachlorobiphenyl			-		G6017	D
Tetrachloro-m-xylene			-		G6017	D

AIC No. 103600-3

Sample Identification: SPE 3 9/25/06 2:30PM

Note: Elevated reporting limits for chlorinated pesticides are due to interference.

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 1.9	1.9	ug/l	B4194	
Acenaphthylene		< 3.5	3.5	ug/l	B4194	
Anthracene		< 1.9	1.9	ug/l	B4194	
Benzidine		< 44	44	ug/l	B4194	
Benzo(a)anthracene		< 7.8	7.8	ug/l	B4194	
Benzo(a)pyrene		< 2.5	2.5	ug/l	B4194	
Benzo(g,h,i)perylene		< 4.1	4.1	ug/l	B4194	
Benzo(k)fluoranthene		< 2.5	2.5	ug/l	B4194	
3,4-Benzofluoranthene		< 4.8	4.8	ug/l	B4194	
Bis(2-chloroethoxy)methane		< 5.3	5.3	ug/l	B4194	
Bis(2-chloroethyl)ether		< 5.7	5.7	ug/l	B4194	
Bis(2-chloroisopropyl)ether		< 5.7	5.7	ug/l	B4194	
Bis(2-ethylhexyl)phthalate		4.0	2.5	ug/l	B4194	
4-Bromophenyl phenyl ether		< 1.9	1.9	ug/l	B4194	
Butylbenzyl phthalate		< 2.5	2.5	ug/l	B4194	
7-Chloronaphthalene		< 1.9	1.9	ug/l	B4194	
2-Chlorophenol		< 3.3	3.3	ug/l	B4194	
4-Chlorophenyl phenyl ether		< 4.2	4.2	ug/l	B4194	
Chrysene			2.5	ug/l	B4194	



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ANALYTICAL RESULTS

AIC No. 103600-3 (Continued)

Sample Identification: SPE 3 9/25/06 2:30PM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)						
Di-n-butyl phthalate		< 2.5	2.5	ug/l	B4194	
Di-n-octyl phthalate		< 2.5	2.5	ug/l	B4194	
Dibenzo(a,h)anthracene		< 2.5	2.5	ug/l	B4194	
1,2-Dichlorobenzene		< 1.9	1.9	ug/l	B4194	
1,3-Dichlorobenzene		< 1.9	1.9	ug/l	B4194	
1,4-Dichlorobenzene		< 4.4	4.4	ug/l	B4194	
3,3'-Dichlorobenzidine		< 17	17	ug/l	B4194	
2,4-Dichlorophenol		< 2.7	2.7	ug/l	B4194	
Diethyl phthalate		< 1.9	1.9	ug/l	B4194	
Dimethyl phthalate		< 1.6	1.6	ug/l	B4194	
2,4-Dimethylphenol		< 2.7	2.7	ug/l	B4194	
4,6-Dinitro-o-cresol		< 24	24	ug/l	B4194	
2,4-Dinitrophenol		< 42	42	ug/l	B4194	
2,4-Dinitrotoluene		< 5.7	5.7	ug/l	B4194	
2,6-Dinitrotoluene		< 1.9	1.9	ug/l	B4194	
1,2-Diphenylhydrazine		< 11	11	ug/l	B4194	
Fluoranthene		< 2.2	2.2	ug/l	B4194	
Fluorene		< 1.9	1.9	ug/l	B4194	
Hexachlorobenzene		< 1.9	1.9	ug/l	B4194	
Hexachlorobutadiene		< 0.9	0.9	ug/l	B4194	
Hexachlorocyclopentadiene		< 5	5	ug/l	B4194	
Hexachloroethane		< 1.6	1.6	ug/l	B4194	
Indeno(1,2,3-cd)pyrene		< 3.7	3.7	ug/l	B4194	
Isophorone		< 2.2	2.2	ug/l	B4194	
n-Nitrosodi-n-propylamine		< 0.84	0.84	ug/l	B4194	
n-Nitrosodimethylamine		< 0.96	0.96	ug/l	B4194	
n-Nitrosodiphenylamine		< 1.9	1.9	ug/l	B4194	R
Naphthalene		< 1.6	1.6	ug/l	B4194	
Nitrobenzene		< 1.9	1.9	ug/l	B4194	
2-Nitrophenol		< 3.6	3.6	ug/l	B4194	
4-Nitrophenol		< 2.4	2.4	ug/l	B4194	
p-Chloro-m-cresol		< 3	3	ug/l	B4194	
Pentachlorophenol		< 3.6	3.6	ug/l	B4194	
Phenanthrene		< 5.4	5.4	ug/l	B4194	
Phenol		< 1.5	1.5	ug/l	B4194	
Pyrene		< 1.9	1.9	ug/l	B4194	
1,2,4-Trichlorobenzene		< 1.9	1.9	ug/l	B4194	
2,4,6-Trichlorophenol		< 2.7	2.7	ug/l	B4194	
Surrogate Recovery						
2-Fluorobiphenyl		72.1	-	%	B4194	
2-Fluorophenol		53.6	-	%	B4194	
Nitrobenzene-D5		77.2	-	%	B4194	
Phenol-D5		39.0	-	%	B4194	
Terphenyl-D14		86.2	-	%	B4194	
2,4,6-Tribromophenol		79.0	-	%	B4194	
Volatile Organic Compounds By EPA 624						
Acrolein		< 50	50	ug/l	V5934	
Acrylonitrile		< 50	50	ug/l	V5934	

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ANALYTICAL RESULTS

AIC No. 103600-3 (Continued)

Sample Identification: SPE 3 9/25/06 2:30PM

Analyte	Method	Result	RL	Units	Batch	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)						
Benzene		< 4.4	4.4	ug/l	V5934	
Bromoform		< 4.7	4.7	ug/l	V5934	
Carbon tetrachloride		< 2.8	2.8	ug/l	V5934	
Chlorobenzene		< 6	6	ug/l	V5934	
Chlorodibromomethane		< 3.1	3.1	ug/l	V5934	
Chloroethane		< 8.7	8.7	ug/l	V5934	
2-Chloroethylvinyl ether		< 5.1	5.1	ug/l	V5934	
Chloroform		1.6	1.6	ug/l	V5934	
Dichlorobromomethane		< 2.2	2.2	ug/l	V5934	
1,1-Dichloroethane		< 4.7	4.7	ug/l	V5934	
1,2-Dichloroethane		< 2.8	2.8	ug/l	V5934	
1,1-Dichloroethylene		< 2.8	2.8	ug/l	V5934	
trans-1,2-Dichloroethylene		< 1.6	1.6	ug/l	V5934	
1,2-Dichloropropane		< 6	6	ug/l	V5934	
cis-1,3-Dichloropropylene		< 5	5	ug/l	V5934	
trans-1,3-Dichloropropylene		< 1.3	1.3	ug/l	V5934	
Ethylbenzene		< 7.2	7.2	ug/l	V5934	
Methyl bromide(Bromomethane)		< 8.9	8.9	ug/l	V5934	
Methyl chloride(Chloromethane)		< 7.8	7.8	ug/l	V5934	
Methylene chloride		< 10	10	ug/l	V5934	
1,1,2,2-Tetrachloroethane		< 6.9	6.9	ug/l	V5934	
Tetrachloroethylene		< 4.1	4.1	ug/l	V5934	
Toluene		< 6	6	ug/l	V5934	
1,1,1-Trichloroethane		< 3.8	3.8	ug/l	V5934	
1,1,2-Trichloroethane		< 5	5	ug/l	V5934	
Trichloroethylene		< 1.9	1.9	ug/l	V5934	
Vinyl chloride		< 6.4	6.4	ug/l	V5934	
Surrogate Recovery						
Bromofluorobenzene		89.6	-	%	V5934	
Dibromofluoromethane		102	-	%	V5934	
Toluene-D8		99.2	-	%	V5934	
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.04	0.04	ug/l	G6017	D
alpha-BHC		< 0.03	0.03	ug/l	G6017	D
alpha-Endosulfan		< 0.14	0.14	ug/l	G6017	D
beta-BHC		< 0.06	0.06	ug/l	G6017	D
beta-Endosulfan		< 0.04	0.04	ug/l	G6017	D
Chlordane		< 0.14	0.14	ug/l	G6017	D
4,4'-DDD		< 0.11	0.11	ug/l	G6017	D
4,4'-DDE		< 0.04	0.04	ug/l	G6017	D
4,4'-DDT		< 0.12	0.12	ug/l	G6017	D
delta-BHC		< 0.09	0.09	ug/l	G6017	D
Dieldrin		< 0.02	0.02	ug/l	G6017	D
Endosulfan sulfate		< 0.66	0.66	ug/l	G6017	D
Endrin		< 0.06	0.06	ug/l	G6017	D
Endrin aldehyde		< 0.23	0.23	ug/l	G6017	D
gamma-BHC (Lindane)		< 0.04	0.04	ug/l	G6017	D
Heptachlor		< 0.03	0.03	ug/l	G6017	D



Van Buren Municipal Utilities
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ANALYTICAL RESULTS

AIC No. 103600-3 (Continued)

Sample Identification: SPE 3 9/25/06 2:30PM

Analyte	Method	Result	RL	Units	Batch	Qualifier
<u>Organochlorine Pesticides and PCBs By EPA 608 (Continued)</u>						
Heptachlor epoxide		< 0.83	0.83	ug/l	G6017	D
PCB 1016		< 0.7	0.7	ug/l	G6017	D
PCB 1221		< 2	2	ug/l	G6017	D
PCB 1232		< 0.5	0.5	ug/l	G6017	D
PCB 1242		< 0.6	0.6	ug/l	G6017	D
PCB 1248		< 0.7	0.7	ug/l	G6017	D
PCB 1254		< 2	2	ug/l	G6017	D
PCB 1260		< 0.6	0.6	ug/l	G6017	D
Toxaphene		< 2.4	2.4	ug/l	G6017	D
<u>Surrogate Recovery</u>						
Decachlorobiphenyl			-		G6017	D
Tetrachloro-m-xylene			-		G6017	D



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SAMPLE PREPARATION REPORT

AIC No. 103600-1

Analyte	Date/Time Prepared By		Date/Time Analyzed By		Dilution	Batch	Qualifier
Base/Neutral and Acid Compounds	27SEP06	1154 226	27SEP06	1642 167	2	B4194	DR
Volatile Organic Compounds			26SEP06	1637 257		V5934	
Organochlorine Pesticides and PCBs	28SEP06	1213 226	28SEP06	2352 194	10	G6017	D

AIC No. 103600-2

Analyte	Date/Time Prepared By		Date/Time Analyzed By		Dilution	Batch	Qualifier
Base/Neutral and Acid Compounds	27SEP06	1154 226	27SEP06	1828 167		B4194	R
Volatile Organic Compounds			26SEP06	1714 257		V5934	
Organochlorine Pesticides and PCBs	28SEP06	1213 226	29SEP06	0028 194	10	G6017	D

AIC No. 103600-3

Analyte	Date/Time Prepared By		Date/Time Analyzed By		Dilution	Batch	Qualifier
Base/Neutral and Acid Compounds	27SEP06	1154 226	27SEP06	1921 167		B4194	R
Volatile Organic Compounds			26SEP06	1750 257		V5934	
Organochlorine Pesticides and PCBs	28SEP06	1213 226	29SEP06	0103 194	10	G6017	D

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SAMPLE DUPLICATE RESULTS

AIC No. 103600-1

Analyte	Method	Sample Result	Duplicate Result	Units	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625								
Acenaphthene		< 3.8	< 3.8	ug/l	0.00	67.1	B4194	D
Acenaphthylene		< 7	< 7	ug/l	0.00	98.1	B4194	D
Anthracene		< 3.8	< 3.8	ug/l	0.00	78.1	B4194	D
Benzidine		< 88	< 88	ug/l	0.00	200	B4194	D
Benzo(a)anthracene		< 16	< 16	ug/l	0.00	67.3	B4194	D
Benzo(a)pyrene		< 5	< 5	ug/l	0.00	95.2	B4194	D
Benzo(g,h,i)perylene		< 8.2	< 8.2	ug/l	0.00	144	B4194	D
Benzo(k)fluoranthene		< 5	< 5	ug/l	0.00	78.6	B4194	D
3,4-Benzofluoranthene		< 9.6	< 9.6	ug/l	0.00	94.7	B4194	D
Bis(2-chloroethoxy)methane		< 11	< 11	ug/l	0.00	84.2	B4194	D
Bis(2-chloroethyl)ether		< 12	< 12	ug/l	0.00	134	B4194	D
Bis(2-chloroisopropyl)ether		< 12	< 12	ug/l	0.00	113	B4194	D
Bis(2-ethylhexyl)phthalate		< 5	< 5	ug/l	0.00	100	B4194	D
4-Bromophenyl phenyl ether		< 3.8	< 3.8	ug/l	0.00	56.1	B4194	D
Butylbenzyl phthalate		< 5	< 5	ug/l	0.00	87.1	B4194	D
2-Chloronaphthalene		< 3.8	< 3.8	ug/l	0.00	31.7	B4194	D
2-Chlorophenol		< 6.6	< 6.6	ug/l	0.00	70	B4194	D
4-Chlorophenyl phenyl ether		< 8.4	< 8.4	ug/l	0.00	81.5	B4194	D
Chrysene		< 5	< 5	ug/l	0.00	118	B4194	D
Di-n-butyl phthalate		< 5	< 5	ug/l	0.00	40.7	B4194	D
Di-n-octyl phthalate		< 5	< 5	ug/l	0.00	76.6	B4194	D
Dibenzo(a,h)anthracene		< 5	< 5	ug/l	0.00	171	B4194	D
1,2-Dichlorobenzene		< 3.8	< 3.8	ug/l	0.00	75.4	B4194	D
1,3-Dichlorobenzene		< 3.8	< 3.8	ug/l	0.00	102	B4194	D
1,4-Dichlorobenzene		< 8.8	< 8.8	ug/l	0.00	78.3	B4194	D
3,3'-Dichlorobenzidine		< 33	< 33	ug/l	0.00	174	B4194	D
2,4-Dichlorophenol		< 5.4	< 5.4	ug/l	0.00	64.4	B4194	D
Diethyl phthalate		< 3.8	< 3.8	ug/l	0.00	64.7	B4194	D
Dimethyl phthalate		< 3.2	< 3.2	ug/l	0.00	56.6	B4194	D
2,4-Dimethylphenol		< 5.4	< 5.4	ug/l	0.00	63.7	B4194	D
4,6-Dinitro-o-cresol		< 48	< 48	ug/l	0.00	227	B4194	D
2,4-Dinitrophenol		< 84	< 84	ug/l	0.00	122	B4194	D
2,4-Dinitrotoluene		< 12	< 12	ug/l	0.00	53.2	B4194	D
2,6-Dinitrotoluene		< 3.8	< 3.8	ug/l	0.00	72.2	B4194	D
1,2-Diphenylhydrazine		< 22	< 22	ug/l	0.00	50	B4194	D
Fluoranthene		< 4.4	< 4.4	ug/l	0.00	80	B4194	D
Fluorene		< 3.8	< 3.8	ug/l	0.00	50.5	B4194	D
Hexachlorobenzene		< 3.8	< 3.8	ug/l	0.00	60.8	B4194	D
Hexachlorobutadiene		< 1.8	< 1.8	ug/l	0.00	64.2	B4194	D
Hexachlorocyclopentadiene		< 10	< 10	ug/l	0.00	50	B4194	D
Hexachloroethane		< 3.2	< 3.2	ug/l	0.00	59.8	B4194	D
Indeno(1,2,3-cd)pyrene		< 7.4	< 7.4	ug/l	0.00	109	B4194	D
Isophorone		< 4.4	< 4.4	ug/l	0.00	154	B4194	D
n-Nitrosodi-n-propylamine		< 1.7	< 1.7	ug/l	0.00	135	B4194	D
n-Nitrosodimethylamine		< 2	< 2	ug/l	0.00	50	B4194	D
n-Nitrosodiphenylamine		< 3.8	< 3.8	ug/l	0.00	50	B4194	DR
Naphthalene		< 3.2	< 3.2	ug/l	0.00	73.4	B4194	D
Nitrobenzene		< 3.8	< 3.8	ug/l	0.00	95.9	B4194	D
2-Nitrophenol		< 7.2	< 7.2	ug/l	0.00	85.9	B4194	D



Van Buren Municipal Utilities
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SAMPLE DUPLICATE RESULTS

AIC No. 103600-1 (Continued)

Analyte	Method	Sample Result	Duplicate Result	Units	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)								
4-Nitrophenol		< 4.8	< 4.8	ug/l	0.00	115	B4194	D
p-Chloro-m-cresol		< 6	< 6	ug/l	0.00	90.8	B4194	D
Pentachlorophenol		< 7.2	< 7.2	ug/l	0.00	119	B4194	D
Phenanthrene		< 11	< 11	ug/l	0.00	50.3	B4194	D
Phenol		< 3	< 3	ug/l	0.00	55.1	B4194	D
Pyrene		< 3.8	< 3.8	ug/l	0.00	61.5	B4194	D
1,2,4-Trichlorobenzene		< 3.8	< 3.8	ug/l	0.00	68.6	B4194	D
2,4,6-Trichlorophenol		< 5.4	< 5.4	ug/l	0.00	77.3	B4194	D
Surrogate Recovery								
2-Fluorobiphenyl			diluted out				B4194	D
2-Fluorophenol			diluted out				B4194	D
Nitrobenzene-D5			diluted out				B4194	D
Phenol-D5			diluted out				B4194	D
Terphenyl-D14			diluted out				B4194	D
2,4,6-Tribromophenol			diluted out				B4194	D



Van Buren Municipal Utilities
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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds							
Acenaphthene	50 ug/l	82.6/78.4	47-145	5.24	67.1	B4194	
Acenaphthylene	50 ug/l	87.2/81.4	33-145	6.81	98.1	B4194	
Anthracene	50 ug/l	90.8/85.9	27-133	5.35	78.1	B4194	
Benzo(a)anthracene	50 ug/l	92.0/86.6	33-143	6.04	67.3	B4194	
Benzo(a)pyrene	50 ug/l	94.9/91.6	17-163	3.58	95.2	B4194	
Benzo(g,h,i)perylene	50 ug/l	79.7/73.1	D-219	8.69	144	B4194	
Benzo(k)fluoranthene	50 ug/l	96.8/90.4	11-162	6.83	78.6	B4194	
3,4-Benzofluoranthene	50 ug/l	101/92.7	24-159	8.29	94.7	B4194	
Bis(2-chloroethoxy)methane	50 ug/l	87.4/85.1	33-184	2.64	84.2	B4194	
Bis(2-chloroethyl)ether	50 ug/l	84.4/83.4	12-158	1.19	134	B4194	
Bis(2-chloroisopropyl)ether	50 ug/l	83.1/83.2	36-166	0.0962	113	B4194	
Bis(2-ethylhexyl)phthalate	50 ug/l	87.8/89.1	8-158	1.47	100	B4194	
4-Bromophenyl phenyl ether	50 ug/l	89.7/81.9	53-127	9.02	56.1	B4194	
Butylbenzyl phthalate	50 ug/l	105/105	D-152	0.553	87.1	B4194	
2-Chloronaphthalene	50 ug/l	82.4/76.4	60-118	7.66	31.7	B4194	
2-Chlorophenol	50 ug/l	82.5/82.9	23-134	0.484	70	B4194	
4-Chlorophenyl phenyl ether	50 ug/l	86.2/83.2	25-158	3.57	81.5	B4194	
Chrysene	50 ug/l	84.6/79.1	17-168	6.69	118	B4194	
Di-n-butyl phthalate	50 ug/l	103/104	1-118	1.35	40.7	B4194	
Di-n-octyl phthalate	50 ug/l	89.9/100	4-146	11.1	76.6	B4194	
Dibenzo(a,h)anthracene	50 ug/l	90.3/82.8	D-227	8.66	171	B4194	
1,2-Dichlorobenzene	50 ug/l	75.9/73.9	32-129	2.64	75.4	B4194	
1,3-Dichlorobenzene	50 ug/l	72.7/71.9	D-172	1.16	102	B4194	
1,4-Dichlorobenzene	50 ug/l	73.2/72.0	20-124	1.57	78.3	B4194	
2,4-Dichlorophenol	50 ug/l	84.5/83.9	39-135	0.736	64.4	B4194	
Diethyl phthalate	50 ug/l	89.4/88.3	D-114	1.24	64.7	B4194	
Dimethyl phthalate	50 ug/l	88.6/85.2	D-112	3.89	56.6	B4194	
2,4-Dimethylphenol	50 ug/l	82.3/79.5	32-119	3.41	63.7	B4194	
4,6-Dinitro-o-cresol	50 ug/l	80.2/81.5	D-181	1.58	227	B4194	
2,4-Dinitrophenol	50 ug/l	53.2/62.8	D-191	16.6	122	B4194	
2,4-Dinitrotoluene	50 ug/l	83.5/85.7	39-139	2.70	53.2	B4194	
2,6-Dinitrotoluene	50 ug/l	93.8/91.9	50-158	2.05	72.2	B4194	
1,2-Diphenylhydrazine	50 ug/l	92.4/83.6	D-150	10.0	50	B4194	
Fluoranthene	50 ug/l	88.2/90.2	26-137	2.33	80	B4194	
Fluorene	50 ug/l	86.2/83.3	59-121	3.40	50.5	B4194	
Hexachlorobenzene	50 ug/l	87.7/81.6	D-152	7.23	60.8	B4194	
Hexachlorobutadiene	50 ug/l	76.8/70.6	24-116	8.30	64.2	B4194	
Hexachlorocyclopentadiene	50 ug/l	82.4/71.6	D-150	14.0	50	B4194	
Hexachloroethane	50 ug/l	74.8/72.8	40-113	2.68	59.8	B4194	
Indeno(1,2,3-cd)pyrene	50 ug/l	87.5/85.1	D-171	2.85	109	B4194	
Isophorone	50 ug/l	88.7/87.6	21-196	1.23	154	B4194	
n-Nitrosodi-n-propylamine	50 ug/l	90.3/94.4	D-230	4.53	135	B4194	
n-Nitrosodimethylamine	50 ug/l	65.4/60.8	D-150	7.38	50	B4194	
n-Nitrosodiphenylamine	50 ug/l	88.1/80.8	D-150	8.62	50	B4194	
Naphthalene	50 ug/l	79.3/75.9	21-133	4.38	73.4	B4194	
Nitrobenzene	50 ug/l	84.3/83.0	35-140	5.60	95.9	B4194	
2-Nitrophenol	50 ug/l	91.2/88.3	29-182	3.19	85.9	B4194	

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Base/Neutral and Acid Compounds (Continued)							
4-Nitrophenol	50 ug/l	45.4/53.0	D-132	15.5	115	B4194	
p-Chloro-m-cresol	50 ug/l	89.1/94.2	22-147	5.56	90.8	B4194	
Pentachlorophenol	50 ug/l	73.3/72.9	14-176	0.547	119	B4194	
Phenanthrene	50 ug/l	84.7/79.7	54-120	6.10	50.3	B4194	
Phenol	50 ug/l	49.9/51.0	5-112	2.26	55.1	B4194	
Pyrene	50 ug/l	91.0/83.7	52-115	8.42	61.5	B4194	
1,2,4-Trichlorobenzene	50 ug/l	78.6/74.3	44-142	5.68	68.6	B4194	
2,4,6-Trichlorophenol	50 ug/l	88.7/83.3	37-144	6.25	77.3	B4194	
Surrogate Recovery							
2-Fluorobiphenyl	100 ug/l	82.4/77.2	60-106	-		B4194	
2-Fluorophenol	100 ug/l	64.6/64.0	43-83	-		B4194	
Nitrobenzene-D5	50 ug/l	87.5/84.3	0-106	-		B4194	
Phenol-D5	100 ug/l	44.9/46.3	31.4-67	-		B4194	
Terphenyl-D14	55 ug/l	91.7/86.6	66.8-120	-		B4194	
2,4,6-Tribromophenol	100 ug/l	93.7/87.0	64.4-110	-		B4194	
Volatile Organic Compounds							
Acrylonitrile	200 ug/l	100	51.4-133	-		V5934	
Benzene	20 ug/l	90.1	37-151	-		V5934	
Bromoform	20 ug/l	72.9	45-169	-		V5934	
Carbon tetrachloride	20 ug/l	92.2	70-140	-		V5934	
Chlorobenzene	20 ug/l	87.2	77.7-121	-		V5934	
Chlorodibromomethane	20 ug/l	81.5	53-149	-		V5934	
Chloroethane	20 ug/l	99.8	57.5-137	-		V5934	
Chloroform	20 ug/l	91.2	51-138	-		V5934	
Dichlorobromomethane	20 ug/l	86.6	70.5-120	-		V5934	
1,1-Dichloroethane	20 ug/l	93.6	69.6-125	-		V5934	
1,2-Dichloroethane	20 ug/l	88.4	74.1-155	-		V5934	
1,1-Dichloroethylene	20 ug/l	97.0	62.9-134	-		V5934	
trans-1,2-Dichloroethylene	20 ug/l	90.2	75.5-119	-		V5934	
1,2-Dichloropropane	20 ug/l	85.7	70-125	-		V5934	
cis-1,3-Dichloropropylene	20 ug/l	79.8	58.4-121	-		V5934	
trans-1,3-Dichloropropylene	20 ug/l	76.0	67-126	-		V5934	
Ethylbenzene	20 ug/l	83.3	76.8-122	-		V5934	
Methyl bromide(Bromomethane)	20 ug/l	91.4	44-136	-		V5934	
Methyl chloride(Chloromethane)	20 ug/l	101	53.8-140	-		V5934	
Methylene chloride	20 ug/l	86.4	76-139	-		V5934	
1,1,2,2-Tetrachloroethane	20 ug/l	88.0	46-157	-		V5934	
Tetrachloroethylene	20 ug/l	83.8	64-148	-		V5934	
Toluene	20 ug/l	85.1	75.5-124	-		V5934	
1,1,1-Trichloroethane	20 ug/l	91.7	52-162	-		V5934	
1,1,2-Trichloroethane	20 ug/l	84.6	52-150	-		V5934	
Trichloroethylene	20 ug/l	84.8	71.7-126	-		V5934	
Vinyl chloride	20 ug/l	104	67.1-135	-		V5934	
Surrogate Recovery							
Bromofluorobenzene	50 ug/l	97.0	87.7-109	-		V5934	
Dibromofluoromethane	50 ug/l	100	91-108	-		V5934	
Toluene-D8	50 ug/l	98.8	89.6-110	-		V5934	



Van Buren Municipal Utilities
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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Organochlorine Pesticides and PCBs							
Aldrin	0.5 ug/l	70.7/68.5	59.2-105	3.07	19.8	G6017	
alpha-BHC	0.5 ug/l	94.9/89.2	36.9-131	6.20	23.6	G6017	
alpha-Endosulfan	0.5 ug/l	93.3/90.1	54-140	3.47	21.5	G6017	
beta-BHC	0.5 ug/l	95.5/92.1	16-146	3.63	32.5	G6017	
beta-Endosulfan	0.5 ug/l	104/100	D-200	3.67	53	G6017	
4,4'-DDD	0.5 ug/l	94.7/92.1	29.5-140	2.81	27.5	G6017	
4,4'-DDE	0.5 ug/l	85.4/88.0	27.5-143	2.98	28.9	G6017	
4,4'-DDT	0.5 ug/l	95.5/93.2	23.6-162	2.46	34.6	G6017	
delta-BHC	0.5 ug/l	97.0/93.2	31.5-131	4.01	24.8	G6017	
Dieldrin	0.5 ug/l	102/97.7	54.1-126	4.59	24.8	G6017	
Endosulfan sulfate	0.5 ug/l	95.0/91.6	34.9-142	3.62	27	G6017	
Endrin	0.5 ug/l	96.9/93.0	35.6-142	4.10	26.6	G6017	
Endrin aldehyde	0.5 ug/l	73.0/69.1	57.2-112	5.55	43.2	G6017	
gamma-BHC (Lindane)	0.5 ug/l	93.6/89.0	37.7-126	5.11	22.1	G6017	
Heptachlor	0.5 ug/l	80.1/77.1	63.8-109	3.79	22.9	G6017	
Heptachlor epoxide	0.5 ug/l	92.0/88.4	35.2-143	4.04	27	G6017	
Surrogate Recovery							
Decachlorobiphenyl	1 ug/l	85.1/81.0	54.5-109	-		G6017	
Tetrachloro-m-xylene	1 ug/l	65.0/62.8	50.6-96.8	-		G6017	



Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Amount	% Recovery	% Recovery Limits	RPD	RPD Limit	Batch	Qualifier
Volatile Organic Compounds							
Acrylonitrile	200 ug/l	102	56.7-129	-		V5934	
Benzene	20 ug/l	105	79.9-125	-		V5934	
Bromoform	20 ug/l	93.0	60.1-128	-		V5934	
Carbon tetrachloride	20 ug/l	108	71.3-127	-		V5934	
Chlorobenzene	20 ug/l	102	85.2-114	-		V5934	
Chlorodibromomethane	20 ug/l	98.6	71-123	-		V5934	
Chloroethane	20 ug/l	114	53.3-149	-		V5934	
Chloroform	20 ug/l	105	74-128	-		V5934	
Dichlorobromomethane	20 ug/l	102	74.2-122	-		V5934	
1,1-Dichloroethane	20 ug/l	106	79.2-129	-		V5934	
1,2-Dichloroethane	20 ug/l	103	78.9-130	-		V5934	
1,1-Dichloroethylene	20 ug/l	110	76-125	-		V5934	
trans-1,2-Dichloroethylene	20 ug/l	104	79.4-126	-		V5934	
1,2-Dichloropropane	20 ug/l	99.4	74.3-122	-		V5934	
cis-1,3-Dichloropropylene	20 ug/l	92.5	62.6-118	-		V5934	
trans-1,3-Dichloropropylene	20 ug/l	92.6	60.6-121	-		V5934	
Ethylbenzene	20 ug/l	99.0	79-122	-		V5934	
Methyl bromide(Bromomethane)	20 ug/l	87.3	45.5-135	-		V5934	
Methyl chloride(Chloromethane)	20 ug/l	110	52.9-150	-		V5934	
Methylene chloride	20 ug/l	97.4	74.6-128	-		V5934	
1,1,2,2-Tetrachloroethane	20 ug/l	111	71.7-130	-		V5934	
Tetrachloroethylene	20 ug/l	101	74.5-125	-		V5934	
Toluene	20 ug/l	101	77.7-125	-		V5934	
1,1,1-Trichloroethane	20 ug/l	104	72.1-124	-		V5934	
1,1,2-Trichloroethane	20 ug/l	103	77.7-119	-		V5934	
Trichloroethylene	20 ug/l	100	81.2-120	-		V5934	
Vinyl chloride	20 ug/l	114	56.2-149	-		V5934	
Surrogate Recovery							
Bromofluorobenzene	50 ug/l	96.7	86.3-111	-		V5934	
Dibromofluoromethane	50 ug/l	101	85.8-110	-		V5934	
Toluene-D8	50 ug/l	98.8	88.2-108	-		V5934	



Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	QC Sample	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
Acenaphthene		< 1.9	ug/l	1.9	B4194-1	
Acenaphthylene		< 3.5	ug/l	3.5	B4194-1	
Anthracene		< 1.9	ug/l	1.9	B4194-1	
Benzidine		< 44	ug/l	44	B4194-1	
Benzo(a)anthracene		< 7.8	ug/l	7.8	B4194-1	
Benzo(a)pyrene		< 2.5	ug/l	2.5	B4194-1	
Benzo(g,h,i)perylene		< 4.1	ug/l	4.1	B4194-1	
Benzo(k)fluoranthene		< 2.5	ug/l	2.5	B4194-1	
3,4-Benzofluoranthene		< 4.8	ug/l	4.8	B4194-1	
Bis(2-chloroethoxy)methane		< 5.3	ug/l	5.3	B4194-1	
Bis(2-chloroethyl)ether		< 5.7	ug/l	5.7	B4194-1	
Bis(2-chloroisopropyl)ether		< 5.7	ug/l	5.7	B4194-1	
Bis(2-ethylhexyl)phthalate		< 2.5	ug/l	2.5	B4194-1	
4-Bromophenyl phenyl ether		< 1.9	ug/l	1.9	B4194-1	
Butylbenzyl phthalate		< 2.5	ug/l	2.5	B4194-1	
2-Chloronaphthalene		< 1.9	ug/l	1.9	B4194-1	
2-Chlorophenol		< 3.3	ug/l	3.3	B4194-1	
4-Chlorophenyl phenyl ether		< 4.2	ug/l	4.2	B4194-1	
Chrysene		< 2.5	ug/l	2.5	B4194-1	
Di-n-butyl phthalate		< 2.5	ug/l	2.5	B4194-1	
Di-n-octyl phthalate		< 2.5	ug/l	2.5	B4194-1	
Dibenzo(a,h)anthracene		< 2.5	ug/l	2.5	B4194-1	
1,2-Dichlorobenzene		< 1.9	ug/l	1.9	B4194-1	
1,3-Dichlorobenzene		< 1.9	ug/l	1.9	B4194-1	
1,4-Dichlorobenzene		< 4.4	ug/l	4.4	B4194-1	
3,3'-Dichlorobenzidine		< 16.5	ug/l	17	B4194-1	
2,4-Dichlorophenol		< 2.7	ug/l	2.7	B4194-1	
Diethyl phthalate		< 1.9	ug/l	1.9	B4194-1	
Dimethyl phthalate		< 1.6	ug/l	1.6	B4194-1	
2,4-Dimethylphenol		< 2.7	ug/l	2.7	B4194-1	
4,6-Dinitro-o-cresol		< 24	ug/l	24	B4194-1	
2,4-Dinitrophenol		< 42	ug/l	42	B4194-1	
2,4-Dinitrotoluene		< 5.7	ug/l	5.7	B4194-1	
2,6-Dinitrotoluene		< 1.9	ug/l	1.9	B4194-1	
1,2-Diphenylhydrazine		< 11	ug/l	11	B4194-1	
Fluoranthene		< 2.2	ug/l	2.2	B4194-1	
Fluorene		< 1.9	ug/l	1.9	B4194-1	
Hexachlorobenzene		< 1.9	ug/l	1.9	B4194-1	
Hexachlorobutadiene		< 0.9	ug/l	0.9	B4194-1	
Hexachlorocyclopentadiene		< 0.78	ug/l	0.78	B4194-1	
Hexachloroethane		< 1.6	ug/l	1.6	B4194-1	
Indeno(1,2,3-cd)pyrene		< 3.7	ug/l	3.7	B4194-1	
Isophorone		< 2.2	ug/l	2.2	B4194-1	
n-Nitrosodi-n-propylamine		< 0.84	ug/l	0.84	B4194-1	
n-Nitrosodimethylamine		< 0.96	ug/l	0.96	B4194-1	
n-Nitrosodiphenylamine		< 1.9	ug/l	1.9	B4194-1	R
Naphthalene		< 1.6	ug/l	1.6	B4194-1	
Nitrobenzene		< 1.9	ug/l	1.9	B4194-1	
2-Nitrophenol		< 3.6	ug/l	3.6	B4194-1	



Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	QC Sample	Qualifier
Base/Neutral and Acid Compounds By EPA 625						
4-Nitrophenol		< 2.4	ug/l	2.4	B4194-1	
p-Chloro-m-cresol		< 3	ug/l	3	B4194-1	
Pentachlorophenol		< 3.6	ug/l	3.6	B4194-1	
Phenanthrene		< 5.4	ug/l	5.4	B4194-1	
Phenol		< 1.5	ug/l	1.5	B4194-1	
Pyrene		< 1.9	ug/l	1.9	B4194-1	
1,2,4-Trichlorobenzene		< 1.9	ug/l	1.9	B4194-1	
2,4,6-Trichlorophenol		< 2.7	ug/l	2.7	B4194-1	
Surrogate Recovery						
2-Fluorobiphenyl		77.3	%	-	B4194-1	
2-Fluorophenol		68.0	%	-	B4194-1	
Nitrobenzene-D5		89.3	%	-	B4194-1	
Phenol-D5		48.3	%	-	B4194-1	
Terphenyl-D14		94.1	%	-	B4194-1	
2,4,6-Tribromophenol		88.3	%	-	B4194-1	
Volatile Organic Compounds By EPA 824						
Acrolein		< 50	ug/l	50	V5934-1	
Acrylonitrile		< 50	ug/l	50	V5934-1	
Benzene		< 4.4	ug/l	4.4	V5934-1	
Bromoform		< 4.7	ug/l	4.7	V5934-1	
Carbon tetrachloride		< 2.8	ug/l	2.8	V5934-1	
Chlorobenzene		< 6	ug/l	6	V5934-1	
Chlorodibromomethane		< 3.1	ug/l	3.1	V5934-1	
Chloroethane		< 8.7	ug/l	8.7	V5934-1	
2-Chloroethylvinyl ether		< 5.1	ug/l	5.1	V5934-1	
Chloroform		< 1.6	ug/l	1.6	V5934-1	
Dichlorobromomethane		< 2.2	ug/l	2.2	V5934-1	
1,1-Dichloroethane		< 4.7	ug/l	4.7	V5934-1	
1,2-Dichloroethane		< 2.8	ug/l	2.8	V5934-1	
1,1-Dichloroethylene		< 2.8	ug/l	2.8	V5934-1	
trans-1,2-Dichloroethylene		< 1.6	ug/l	1.6	V5934-1	
1,2-Dichloropropane		< 6	ug/l	6	V5934-1	
cis-1,3-Dichloropropylene		< 5	ug/l	5	V5934-1	
trans-1,3-Dichloropropylene		< 1.3	ug/l	1.3	V5934-1	
Ethylbenzene		< 7.2	ug/l	7.2	V5934-1	
Methyl bromide(Bromomethane)		< 8.9	ug/l	8.9	V5934-1	
Methyl chloride(Chloromethane)		< 7.8	ug/l	7.8	V5934-1	
Methylene chloride		< 10	ug/l	10	V5934-1	
1,1,2,2-Tetrachloroethane		< 6.9	ug/l	6.9	V5934-1	
Tetrachloroethylene		< 4.1	ug/l	4.1	V5934-1	
Toluene		< 6	ug/l	6	V5934-1	
1,1,1-Trichloroethane		< 3.8	ug/l	3.8	V5934-1	
1,1,2-Trichloroethane		< 5	ug/l	5	V5934-1	
Trichloroethylene		< 1.9	ug/l	1.9	V5934-1	
Vinyl chloride		< 6.4	ug/l	6.4	V5934-1	
Surrogate Recovery						
Bromofluorobenzene		89.0	%	-	V5934-1	
Dibromofluoromethane		100	%	-	V5934-1	
Toluene-D8		97.1	%	-	V5934-1	



Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

LABORATORY BLANK RESULTS

Analyte	Method	Result	Units	RL	QC Sample	Qualifier
Organochlorine Pesticides and PCBs By EPA 608						
Aldrin		< 0.004	ug/l	0.004	G6017-1	
alpha-BHC		< 0.003	ug/l	0.003	G6017-1	
alpha-Endosulfan		< 0.014	ug/l	0.014	G6017-1	
beta-BHC		< 0.006	ug/l	0.006	G6017-1	
beta-Endosulfan		< 0.004	ug/l	0.004	G6017-1	
Chlordane		< 0.014	ug/l	0.014	G6017-1	
4,4'-DDD		< 0.011	ug/l	0.011	G6017-1	
4,4'-DDE		< 0.004	ug/l	0.004	G6017-1	
4,4'-DDT		< 0.012	ug/l	0.012	G6017-1	
delta-BHC		< 0.009	ug/l	0.009	G6017-1	
Dieldrin		< 0.002	ug/l	0.002	G6017-1	
Endosulfan sulfate		< 0.066	ug/l	0.066	G6017-1	
Endrin		< 0.006	ug/l	0.006	G6017-1	
Endrin aldehyde		< 0.023	ug/l	0.023	G6017-1	
gamma-BHC (Lindane)		< 0.004	ug/l	0.004	G6017-1	
Heptachlor		< 0.003	ug/l	0.003	G6017-1	
Heptachlor epoxide		< 0.083	ug/l	0.083	G6017-1	
PCB 1016		< 0.07	ug/l	0.07	G6017-1	
PCB 1221		< 0.2	ug/l	0.2	G6017-1	
PCB 1232		< 0.05	ug/l	0.05	G6017-1	
PCB 1242		< 0.06	ug/l	0.06	G6017-1	
PCB 1248		< 0.07	ug/l	0.07	G6017-1	
PCB 1254		< 0.2	ug/l	0.2	G6017-1	
PCB 1260		< 0.06	ug/l	0.06	G6017-1	
Toxaphene		< 0.24	ug/l	0.24	G6017-1	
Surrogate Recovery						
Decachlorobiphenyl		82.5	%	-	G6017-1	
Tetrachloro-m-xylene		58.1	%	-	G6017-1	



Van Buren Municipal Utilities
2806 Bryan Road
Van Buren, AR 72956

QUALITY CONTROL PREPARATION REPORT

DUPLICATE SAMPLES

<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>
Base/Neutral and Acid Compounds	27SEP06 1155 226	27SEP06 1735 167	2	B4194-4	DR

LABORATORY CONTROL SAMPLES

<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>
Base/Neutral and Acid Compounds	27SEP06 1155 226	27SEP06 1455 167		B4194-2	
Base/Neutral and Acid Compounds	27SEP06 1155 226	27SEP06 1548 167		B4194-3	
Volatile Organic Compounds		26SEP06 1411 257		V5934-2	
Organochlorine Pesticides and PCBs	28SEP06 1446 226	28SEP06 2055 194		G6017-2	
Organochlorine Pesticides and PCBs	28SEP06 1446 226	28SEP06 2130 194		G6017-3	

MATRIX SPIKE SAMPLES

<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>
Volatile Organic Compounds		27SEP06 0946 257		V5934-4	

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>
Base/Neutral and Acid Compounds	27SEP06 1155 226	27SEP06 1402 167		B4194-1	R
Volatile Organic Compounds		26SEP06 1158 257		V5934-1	
Organochlorine Pesticides and PCBs	28SEP06 1446 226	28SEP06 2019 194		G6017-1	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE 1 OF 1

Client: <u>Van Buren Municipal Water</u>		AIC CONTROL NO: <u>103600</u>	
Project Reference: <u>South Plant Table II</u>		AIC PROPOSAL NO:	
Project Manager: <u>Kim Reed</u>		Carrier: <u>URS</u>	
Sampled By: <u>KRJ JT</u>		Received Temperature C: <u>17.2</u>	
AIC No. <u>SPE1</u>		pH (Sample Temp): <u>7.44</u>	
Date/Time Collected: <u>9/25/06</u>		pH (Sample Temp): <u>7.37</u>	
AIC No. <u>SPE2</u>		pH (Sample Temp): <u>7.46</u>	
Date/Time Collected: <u>9/25/06</u>			
AIC No. <u>SPE3</u>			
Date/Time Collected: <u>9/25/06</u>			
AIC No. <u>SPE4</u>			
Date/Time Collected: <u>9/25/06</u>			
Container Type: <u>30ml Vials</u>		Field pH calibration: <u>on @</u>	
Preservative: <u>None</u>		Buffer: <u>---</u>	
G = Glass NO = none S = Sulfuric acid		T = Sodium Thiosulfate Z = Zinc acetate	
P = Plastic S = Sulfuric acid		H = HCl to pH2 B = NaOH to pH12	
NO = none S = Sulfuric acid		V = VOA vials N = Nitric acid pH2	
Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN <u>---</u> DAYS		Relinquished Date/Time: <u>9/25/06</u>	
Expedited results requested by: <u>Kim Reed</u>		By: <u>[Signature]</u>	
Who should AIC contact with questions: <u>Kim Reed</u>		Relinquished Date/Time: <u>9/26/06</u>	
Phone: <u>479-471-0941</u> Fax: <u>479-471-9969</u>		By: <u>[Signature]</u>	
Report Attention to: <u>Kim Reed@aol.com</u>		Received in Lab Date/Time: <u>9/26/06</u>	
Report Address to: <u>Kim Reed@aol.com</u>		Comments:	
PO No.	NO OF BOTTLES	ANALYSES REQUESTED	Received
SAMPLE MATRIX			By:
WATER	3	VOA 624	
SOIL	3	Post 608	
COMPOST	3	BNR 625	
GRA B	3		
GRA C	3		

FORM 0060

WS 5981 8/02

5/01

CODE SHEET

Annual Report

		<u>CODE</u>
Auditor's Name	<u>Gillian</u>	
Permit Number	<u>AR0021482</u>	
Period Report Covers End Date	<u>9/30/06</u>	PSED
Start Date	<u>10/1/05</u>	PSSD

PPETS WENDB DATA ELEMENTS

Significant IUs in Significant Noncompliance with Pretreatment Compliance Schedule	<u>0</u>	SSNC
NOV's and A.O.'s Issued Against Significant IUs	<u>14</u>	FENF
Civil and/or Criminal Judicial Actions Against Significant IUs	<u>0</u>	JUDI
Significant IUs with Significant Violations published in Newspaper	<u>0</u>	SVPU
IUs from which penalties have been collected	<u>5</u>	IUPN

COMMENTS:
