

ARKANSAS Department of Environmental Quality  
PPS REQUIREMENTS

1. Name of facility:  
Ash Grove Cement Company
2. Name, address and telephone number of laboratory:  
Arkansas Analytical Inc.  
11701 E-30; Building 1; Suite 115  
Little Rock, AR 72209
3. Is the lab certified by the state of Arkansas? Yes  No
4. What are the certification dates?  
Issued date October 30, 2004 Expire date October 30, 2005
5. Is the laboratory certified for all the parameters?  
YES  No  (Explain)
- 

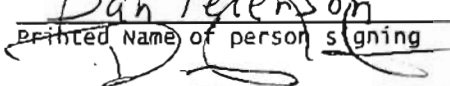
6. Date and time of samples collected:  
4-4-05; 0840, 0842 / 4-1-05, 1750

7. Date and time samples were received in the laboratory:  
4-4-05; 1202 / 4-5-05, 0906

8. Sample location (Outfall No.):  
Outfall 003

9. Samples collected by:  
Name Keith Byerly  
Title Environmental Engineer  
Telephone 1-870-542-6217

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

Dan Peterson Plant Manager  
Printed Name of person signing Title  
 3/28/06  
Signature Date signed

List all attachments to this form:  
Attachment 1



State of Arkansas  
 Department of Environmental Quality  
 Laboratory Certification Program  
 Arkansas Analytical, Inc.  
 Little Rock, AR



has earned certification by law in accordance with Code Annotated §8-2-201 et seq., the State Environmental Laboratory Certification Program Act for the following parameters:

Alkalinity	Orthophosphate	Antimony	Mercury	Tin
Ammonia	Perchlorate	Arsenic	Molybdenum	Titanium
BOD	pH	Barium	Nickel	TPHC
Bromide	Phenol	Beryllium	Potassium	
CBOD	Sulfate	Boron	Selenium	
Chloride	Sulfide	Cadmium	Silver	
Chlorine	Surfactants	Calcium	Sodium	
COD	TDS	Chromium	Strontium	
Conductivity	TKN	Cobalt	Acute T	
Cyanide	TOC	Copper	Chronic	
Fluoride	Total Phosphorus	Hex. Chromium	Fecal C	
Hardness	Total Solids	Iron	Herbicide	
Nitrate	TSS	Lead	Pesticide	
Nitrite	Turbidity	Magnesium	Semi-vol	
Oil & Grease	Aluminum	Manganese	Thallium	

Laboratory ID: 60-1754

Certificate Number: 05-070-0

Issued Date: 30 October 2005

Expired Date: 30 October 2006

ATTACHMENT 1

METALS AND CYANIDE		LABORATORY ANALYSIS				RECOMMENDED EPA TEST METHOD	
FOR OFFICE USE ONLY		RESULTS (NS/L)	EPA METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MCL (ug/L)	EPA APPROVED TEST METHOD	
1.	Antimony (Total) <sup>1</sup> , Recoverable	ND	200.7	60	60	200.7	
2.	Arsenic (Total) <sup>4</sup> , Recoverable	ND	206.2	10	10	206.2	
3.	Beryllium (Total) <sup>1</sup> , Recoverable	ND	200.7	5	5	200.7	
4.	Cadmium (Total) <sup>2</sup> , Recoverable	ND	200.7	1	1	213.2	
5.	Chromium (Total) <sup>1</sup> , Recoverable	ND	200.7	10	10	200.7	
7.	Chromium (6+) <sup>1</sup> , Dissolved	ND	218.4	10	10	218.4	
8.	Copper (Total) <sup>2</sup> , Recoverable	ND	200.7	10	10	220.2	
9.	Lead (Total) <sup>2</sup> , Recoverable	ND	239.2	5	5	239.2	
10.	Mercury (Total) <sup>1</sup> , Recoverable	ND	245.1	0.2	0.2	245.1	
12.	Nickel (Total) <sup>1</sup> [freshwater]	ND	200.7	40	40	200.7	
13.	Selenium (Total) <sup>1</sup> , Recoverable	ND	270.2	5	5	270.2	
14.	Silver (Total) <sup>2</sup> , Recoverable	ND	272.2	2	2	272.2	
15.	Thallium (Total) <sup>4</sup> , Recoverable	ND	279.2	10	10	279.2	
16.	Zinc (Total) <sup>1</sup> , Recoverable	ND	200.7	20	20	200.7	
129.	Phenols, Total Recoverable	ND	420.1	5	5	420.1	
17.	Cyanide (Total) <sup>1</sup> , Recoverable	ND	335.2	20	20	335.2	

ATTACHMENT 1

	FOR OFFICE USE ONLY	LABORATORY ANALYSIS			RECOMMENDED EPA TEST METHOD	
		RESULTS (ug/l)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MQL (ug/L)	EPA APPROVED TEST METHODS
18. 2,3,7,8-Tetrachloro-debenzo-p-dioxin (TCDD)		ND	625 screen only	10	0.00001	1613

ATTACHMENT 1

VOLATILE COMPOUNDS	FOR OFFICE USE ONLY	LABORATORY ANALYSIS				RECOMMENDED EPA TEST METHOD	
		RESULTS (ug/l)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MQL (ug/l)	EPA APPROVED TEST METHODS	
19. Acrolein <sup>4</sup>		ND	624	50	50	624	
20. Acrylonitrile <sup>4</sup>		ND	624	50	50	624	
21. Benzene <sup>4</sup>		ND	624	10	10	624	
22. Bromoform <sup>5</sup>		ND	624	10	10	624	
23. Carbon Tetrachlorides <sup>5</sup>		ND	624	10	10	624	
24. Chlorobenzene <sup>5</sup>		ND	624	10	10	624	
25. Chlorodibromomethanes <sup>5</sup>		ND	624	10	10	624	
26. Chloroethane <sup>6</sup>		ND	624	50	50	624	
27. 2-chloroethyl vinyl ether <sup>4</sup>		ND	624	10	10	624	
28. Chloroform <sup>5</sup>		ND	624	10	10	624	
29. Dichlorobromomethanes <sup>5</sup>		ND	624	10	10	624	
30. 1,1-Dichloroethanes <sup>5</sup>		ND	624	10	10	624	
31. 1,2-Dichloroethanes <sup>5</sup>		ND	624	10	10	624	
32. 1,1-Dichloroethylenes <sup>5</sup>		ND	624	10	10	624	
33. 1,2-Dichloropropanes <sup>5</sup>		ND	624	10	10	624	
34. 1,3-Dichloropropylene <sup>5</sup>		ND	624	10	10	624	
35. Ethylbenzene <sup>5</sup>		ND	624	10	10	624	
36. Methyl Bromide [Bromomethane] <sup>6</sup>		ND	624	50	50	624	
37. Methyl Chloride [Chloromethane] <sup>6</sup>		ND	624	50	50	624	
38. Methylene Chlorides <sup>5</sup>		ND	624	20	20	624	
39. 1,1,2,2-Tetrachloroethanes <sup>5</sup>		ND	624	10	10	624	
40. Tetrachloroethylenes <sup>5</sup>		ND	624	10	10	624	
41. Toluene <sup>5</sup>		ND	624	10	10	624	
42. 1,2-trans-Dichloroethylenes <sup>5</sup>		ND	624	10	10	624	
43. 1,1,1-Trichloroethanes <sup>5</sup>		ND	624	10	10	624	
44. 1,1,2-Trichloroethanes <sup>5</sup>		ND	624	10	10	624	
45. Trichloroethylenes <sup>5</sup>		ND	624	10	10	624	
46. Vinyl Chlorides <sup>5</sup>		ND	624	10	10	624	

ATTACHMENT 1

ACID COMPOUNDS	FOR OFFICE USE ONLY	LABORATORY ANALYSIS				RECOMMENDED EPA TEST METHOD	
		RESULTS (ug/l)	EPA METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MQL (ug/L)	EPA APPROVED TEST METHOD	
47. 2-Chloropheno]s		ND	625	10	10	625	
48. 2,4-Dichloropheno]s		ND	625	10	10	625	
49. 2,4-Dimethylpheno]s		ND	625	10	10	625	
50. 4,6-Dinitro-0-Cresol [2 methyl] 4,6-dinitropheno]s		ND	625	50	50	625	
51. 2,4-Dinitropheno]s		ND	625	50	50	625	
52. 2-Nitropheno]s		ND	625	20	20	625	
53. 4-Nitropheno]s		ND	625	50	50	625	
54. P-Chloro-m-Cresol [4 chloro-3-methylpheno]s		ND	625	10	10	625	
55. Pentachloropheno]s		ND	625	50	50	625	
56. pheno]s		ND	625	10	10	625	
57. 2,4,6-Trichloropheno]s		ND	625	10	10	625	

ATTACHMENT 1

BASE/NEUTRAL COMPOUNDS	FOR OFFICE USE ONLY	LABORATORY ANALYSIS				RECOMMENDED EPA TEST METHOD	
		RESULTS (ug/l)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MQL (ug/L)	EPA APPROVED TEST METHOD	
58. Acenaphthene <sup>s</sup>		ND	625	10	10	625	
59. Acenaphthylene <sup>s</sup>		ND	625	10	10	625	
60. Anthracene <sup>s</sup>		ND	625	10	10	625	
61. Benzidine <sup>s</sup>		ND	625	50	50	625	
62. Benzo(a)anthracene <sup>s</sup>		ND	625	10	10	625	
63. Benzo(a)pyrene <sup>s</sup>		ND	625	10	10	625	
64. 3,4-Benzofluoranthene <sup>s</sup>		ND	625	10	10	625	
65. Benzo(ghi)perylene <sup>s</sup>		ND	625	20	20	625	
66. Benzo(k)fluoranthene <sup>s</sup>		ND	625	10	10	625	
67. Bis(2-chloroethoxy) methane <sup>s</sup>		ND	625	10	10	625	
68. Bis(2-chloroethyl) ethers <sup>s</sup>		ND	625	10	10	625	
69. Bis(2-chloroisopropyl) ethers <sup>s</sup>		ND	625	10	10	625	
70. Bis(2-ethylhexyl) phthalate <sup>s</sup>		ND	625	10	10	625	
71. 4-Bromophenyl phenyl ether <sup>s</sup>		ND	625	10	10	625	
72. Butyl benzyl phthalate <sup>s</sup>		ND	625	10	10	625	
73. 2-Chloronaphthalene <sup>s</sup>		ND	625	10	10	625	
74. 4-Chlorophenyl phenyl ether <sup>s</sup>		ND	625	10	10	625	
75. Chrysene <sup>s</sup>		ND	625	10	10	625	
76. Dibenzo (a, h) anthracene <sup>s</sup>		ND	625	20	20	625	
77. 1,2-Dichlorobenzene <sup>s</sup>		ND	625	10	10	625	
78. 1,3-Dichlorobenzene <sup>s</sup>		ND	625	10	10	625	
79. 1,4-Dichlorobenzene <sup>s</sup>		ND	625	10	10	625	
80. 3,3'-Dichlorobenzidine <sup>s</sup>		ND	625	50	50	625	
81. Diethyl phthalate <sup>s</sup>		ND	625	10	10	625	
82. Dimethyl phthalate <sup>s</sup>		ND	625	10	10	625	
83. Di-n-Butyl Phthalate <sup>s</sup>		ND	625	10	10	625	
84. 2,4-Dinitrotoluenes		ND	625	10	10	625	
85. 2,6-Dinitrotoluenes		ND	625	10	10	625	
86. Di-n-octyl phthalate <sup>s</sup>		ND	625	10	10	625	

ATTACHMENT 1

BASE/NEUTRAL COMPOUNDS	FOR OFFICE USE ONLY	LABORATORY ANALYSIS				RECOMMENDED EPA TEST METHOD	
		RESULTS (µg/l)	TEST METHOD USED	DETECTION LEVELS ACHIEVED (µg/l)	REQUIRED MQL (µg/l)	EPA APPROVED TEST METHOD	
87. 1,2-Diphenylhydrazine <sup>4</sup>		ND	625	20	20	625	
88. Fluoranthene <sup>5</sup>		ND	625	10	10	625	
89. Fluorene <sup>5</sup>		ND	625	10	10	625	
90. Hexachlorobenzenes <sup>5</sup>		ND	625	10	10	625	
91. Hexachlorobutadienes <sup>5</sup>		ND	625	10	10	625	
92. Hexachlorocyclopentadienes <sup>5</sup>		ND	625	10	10	625	
93. Hexachloroethanes <sup>5</sup>		ND	625	20	20	625	
94. Indeno (1,2,3-cd) pyrene <sup>6</sup> (2,3-o-phenylene pyrene)		ND	625	20	20	625	
95. Isophorone <sup>5</sup>		ND	625	10	10	625	
96. Naphthalenes <sup>5</sup>		ND	625	10	10	625	
97. Nitrobenzenes <sup>5</sup>		ND	625	10	10	625	
98. N-nitrosodimethylamine <sup>6</sup>		ND	625	50	50	625	
99. N-nitrosodi-n-propylamine <sup>6</sup>		ND	625	20	20	625	
100. N-nitrosodiphenylamine <sup>6</sup>		ND	625	20	20	625	
101. Phenanthrene <sup>5</sup>		ND	625	10	10	625	
102. Pyrene <sup>5</sup>		ND	625	10	10	625	
103. 1,2,4-Trichlorobenzenes <sup>5</sup>		ND	625	10	10	625	



ATTACHMENT 1

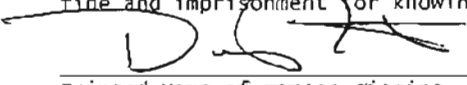
PESTICIDES	FOR OFFICE USE ONLY	LABORATORY ANALYSIS				RECOMMENDED EPA TEST METHOD	
		RESULTS (µg/l)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (µg/l)	REQUIRED MQL (µg/L)	EPA APPROVED TEST METHOD	
104. Aldrin <sup>s</sup>		ND	608	0.05	0.05	608	
105. Alpha-BHC <sup>s</sup>		ND	608	0.05	0.05	608	
106. Beta-BHC <sup>s</sup>		ND	608	0.05	0.05	608	
107. Gamma-BHC <sup>s</sup>		ND	608	0.05	0.05	608	
108. Delta-BHC <sup>s</sup>		ND	608	0.05	0.05	608	
109. Chlordane <sup>s</sup>		ND	608	0.2	0.2	608	
110. 4,4'-DDT <sup>s</sup>		ND	608	0.1	0.1	608	
111. 4,4'-DDE (p,p-DDX) <sup>s</sup>		ND	608	0.1	0.1	608	
112. 4,4'-DDD (p,p-DDX) <sup>s</sup>		ND	608	0.1	0.1	608	
113. Dieldrin <sup>s</sup>		ND	608	0.1	0.1	608	
114. Alpha-endosulfan <sup>s</sup>		ND	608	0.1	0.1	608	
115. Beta-endosulfan <sup>s</sup>		ND	608	0.1	0.1	608	
116. Endosulfan sulfate <sup>s</sup>		ND	608	0.1	0.1	608	
117. Endrin <sup>s</sup>		ND	608	0.1	0.1	608	
118. Endrin aldehydes		ND	608	0.1	0.1	608	
119. Heptachlor <sup>s</sup>		ND	608	0.05	0.05	608	
120. Heptachlor epoxides <sup>s</sup> (BHC-hexachlorocyclohexane)		ND	608	1.0	1.0	608	
130. Chlortpyrifos		ND	8141A	0.07	0.07	8141A	
121. PCB-1242 <sup>s</sup>		ND	608	1.0	1.0	608	
122. PCB-1254		ND	608	1.0	1.0	608	
123. PCB-1221		ND	608	1.0	1.0	608	
124. PCB-1232		ND	608	1.0	1.0	608	
125. PCB-1248		ND	608	1.0	1.0	608	
126. PCB-1260		ND	608	1.0	1.0	608	
127. PCB-1016		ND	608	1.0	1.0	608	
128. Toxaphene <sup>s</sup>		ND	608	5.0	5.0	608	

ARKANSAS Department of Environmental Quality  
PPS REQUIREMENTS

1. Name of facility:  
Asin Grove Cement Company
2. Name, address and telephone number of laboratory:  
Arkansas Analytical  
11701 I-30; Building 1; Suite 115; Little Rock, AR 72209
3. Is the lab certified by the state of Arkansas? Yes  No
4. What are the certification dates?  
Issued date 10-30-05 Expire date 10-30-06
5. Is the laboratory certified for all the parameters?  
YES  No  (Explain)  
\_\_\_\_\_  
\_\_\_\_\_

6. Date and time of samples collected:  
5/10/06, 1020
7. Date and time samples were received in the laboratory:  
5/11/06, 1027
8. Sample location (Outfall No.):  
Outfall 03A
9. Samples collected by:  
Name Keith Byerly  
Title Environmental Engineer  
Telephone 1-870-542-1027

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

  
Printed Name of person signing Dan Peterson Title Plant Manager  
Signature Dan Peterson Date signed 6-12-06

List all attachments to this form:

Attachment 1  
State Certificate

ATTACHMENT 1

METALS AND CYANIDE		FOR OTHER USE ONLY	LABORATORY ANALYSIS			RECOMMENDED EPA TEST METHOD	
			RESULTS (MG/L)	EPA METHOD USED	DETECTION LEVEL (MG/L)	RECOVERED MOL (MG/L)	EPA APPROVED TEST METHOD
1.	Antimony (Total) <sup>1</sup> , Recoverable		ND	200.7	60	60	200.7
2.	Arsenic (Total) <sup>1</sup> , Recoverable		ND	200.2	10	10	200.2
3.	Beryllium (Total) <sup>1</sup> , Recoverable		ND	200.7	5	5	200.7
4.	Cadmium (Total) <sup>2</sup> , Recoverable		ND	200.7	1	1	213.2
5.	Chromium (Total) <sup>1</sup> , Recoverable		ND	200.7	10	10	200.7
7.	Chromium (6+), Dissolved		ND	218.4	10	10	218.4
8.	Copper (Total) <sup>2</sup> , Recoverable		ND	200.7	10	10	220.2
9.	Lead (Total) <sup>2</sup> , Recoverable		ND	239.2	5	5	239.2
10.	Mercury (Total) <sup>1</sup> , Recoverable		ND	245.1	0.2	0.2	245.1
12.	Nickel (Total) <sup>1</sup> (freshwater)		ND	200.7	40	40	200.7
13.	Selenium (Total) <sup>1</sup> , Recoverable		ND	270.2	5	5	270.2
14.	Silver (Total) <sup>2</sup> , Recoverable		ND	272.2	2	2	272.2
15.	Thallium (Total) <sup>2</sup> , Recoverable		ND	279.2	10	10	279.2
16.	Zinc (Total) <sup>1</sup> , Recoverable		ND	200.7	20	20	200.7
129.	Phenols, Total Recoverable		ND	420.1	5	5	420.1
17.	Cyanide (Total) <sup>1</sup> , Recoverable		ND	335.2	20	20	335.2

ATTACHMENT 1

		LABORATORY ANALYSIS			RECOMMENDED EPA TEST METHOD	
	FOR OFFICE USE ONLY	RESULTS (ug/l)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MQL (ug/l)	EPA APPROVED TEST METHODS
18.	2,3,7,8-Tetrachloro-dibenzo-p-dioxin (TCDD)	ND	6.25 Screen only	10	0.00001	1613

ATTACHMENT 1

VOLATILE COMPOUNDS		FOR OFFICE USE ONLY	LABORATORY ANALYSIS	RECOMMENDED EPA TEST METHOD	EPA APPROVED TEST METHODS		
			RESULTS (ug/l)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MOL (ug/l)	
19.	Acrolein <sup>1</sup>		ND	624	50	50	624
20.	Acrylonitrile <sup>4</sup>		ND	624	50	50	624
21.	Benzene <sup>4</sup>		ND	624	10	10	624
22.	Bromoform <sup>5</sup>		ND	624	10	10	624
23.	Carbon Tetrachlorides <sup>5</sup>		ND	624	10	10	624
24.	Chlorobenzene <sup>5</sup>		ND	624	10	10	624
25.	Chlorodibromomethanes <sup>5</sup>		ND	624	10	10	624
26.	Chloroethane <sup>6</sup>		ND	624	30	50	624
27.	2-Chloroethyl vinyl ethers <sup>4</sup>		ND	624	10	10	624
28.	Chloroform <sup>5</sup>		ND	624	10	10	624
29.	Dichlorobromomethanes <sup>5</sup>		ND	624	10	10	624
30.	1,1-Dichloroethanes <sup>5</sup>		ND	624	10	10	624
31.	1,2-Dichloroethanes <sup>5</sup>		ND	624	10	10	624
32.	1,1-Dichloroethylenes <sup>5</sup>		ND	624	10	10	624
33.	1,2-Dichloropropanes <sup>5</sup>		ND	624	10	10	624
34.	1,3-Dichloropropylenes <sup>5</sup>		ND	624	10	10	624
35.	Ethylbenzenes <sup>5</sup>		ND	624	10	10	624
36.	Methyl bromide [Bromomethane] <sup>5</sup>		ND	624	50	50	624
37.	Methyl chloride [Chloromethane] <sup>5</sup>		ND	624	30	50	624
38.	Methylene chlorides <sup>5</sup>		ND	624	20	20	624
39.	1,1,2,2-tetrachloroethanes <sup>5</sup>		ND	624	10	10	624
40.	Tetrachloroethylenes <sup>5</sup>		ND	624	10	10	624
41.	Toluene <sup>5</sup>		ND	624	10	10	624
42.	1,2-trans-Dichloroethylenes <sup>5</sup>		ND	624	10	10	624
43.	1,1,1-Trichloroethanes <sup>5</sup>		ND	624	10	10	624
44.	1,1,2-Trichloroethanes <sup>5</sup>		ND	624	10	10	624
45.	Trichloroethylenes <sup>5</sup>		ND	624	10	10	624
46.	Vinyl chlorides <sup>5</sup>		ND	624	10	10	624

ATTACHMENT 1

ACID COMPOUNDS		FOR OFFICE USE ONLY	LABORATORY ANALYSIS			RECOMMENDED EPA TEST METHOD	
			RESULTS (ng/l)	EPA METHOD USED	DETECTION LEVEL ACHIEVED (ng/l)	REQUIRED MQL (ng/l)	EPA APPROVED TEST METHOD
47.	2-chloropheno]s		ND	625	10	10	625
48.	2,4-Dichloropheno]s		ND	625	10	10	625
49.	2,4-Dimethylpheno]s		ND	625	10	10	625
50.	4,6-Dinitro-o-Cresol [2 methyl 4,6-dinitropheno]s		ND	625	50	50	625
51.	2,4-Dinitropheno]s		ND	625	50	50	625
52.	2-Nitropheno]s		ND	625	20	20	625
53.	4-Nitropheno]s		ND	625	50	50	625
54.	P-chloro-m-Cresol [4-chloro-3-methylpheno]s		ND	625	10	10	625
55.	Pentachloropheno]s		ND	625	50	50	625
56.	Pheno]s		ND	625	10	10	625
57.	2,4,6-Trichloropheno]s		ND	625	10	10	625

ATTACHMENT 1

BASE/NEUTRAL COMPOUNDS		LABORATORY ANALYSIS			RECOMMENDED EPA TEST METHOD	
	FOR GETTING USE ONLY	RESULTS (ug/l)	TEST METHOD USED	DETECTION LEVELS (ug/l)	REQUIRED MQL (ug/l)	EPA APPROVED TEST METHOD
58.	Acenaphthene <sup>5</sup>	ND	6025	10	10	625
59.	Acenaphthylene <sup>5</sup>	ND	6025	10	10	625
60.	Anthracene <sup>5</sup>	ND	6025	10	10	625
61.	Benidine <sup>4</sup>	ND	6025	50	50	625
62.	Benzo(a)anthracene <sup>5</sup>	ND	6025	10	10	625
63.	Benzo(a)pyrene <sup>5</sup>	ND	6025	10	10	625
64.	3,4-Benzofluoranthene <sup>5</sup>	ND	6025	10	10	625
65.	Benzo(ghi)perylene <sup>6</sup>	ND	6025	20	20	625
66.	Benzo(k)fluoranthene <sup>5</sup>	ND	6025	10	10	625
67.	Bis(2-chloroethyl) methane <sup>5</sup>	ND	6025	10	10	625
68.	Bis(2-chloroisopropyl) ether <sup>5</sup>	ND	6025	10	10	625
69.	Bis(2-ethylhexyl) ether <sup>5</sup>	ND	6025	10	10	625
70.	Bis(2-ethylhexyl) phthalates <sup>5</sup>	ND	6025	10	10	625
71.	4-Bromophenyl phthalates <sup>5</sup>	ND	6025	10	10	625
72.	Butyl benzyl phthalates <sup>5</sup>	ND	6025	10	10	625
73.	2-Chloronaphthalene <sup>5</sup>	ND	6025	10	10	625
74.	4-Chlorophenyl phenyl ether <sup>5</sup>	ND	6025	10	10	625
75.	Chrysene <sup>5</sup>	ND	6025	10	10	625
76.	Dibenzo (a,h) anthracene <sup>6</sup>	ND	6025	20	20	625
77.	1,2-Dichlorobenzene <sup>5</sup>	ND	6025	10	10	625
78.	1,3-Dichlorobenzene <sup>5</sup>	ND	6025	10	10	625
79.	1,4-Dichlorobenzene <sup>5</sup>	ND	6025	10	10	625
80.	3,3'-Dichlorobenzidine <sup>6</sup>	ND	6025	50	50	625
81.	Diethyl phthalates <sup>5</sup>	ND	6025	10	10	625
82.	Dimethyl phthalates <sup>5</sup>	ND	6025	10	10	625
83.	Di-n-Butyl phthalates <sup>5</sup>	ND	6025	10	10	625
84.	2,4-Dinitrotoluene <sup>5</sup>	ND	6025	10	10	625
85.	2,6-Dinitrotoluene <sup>5</sup>	ND	6025	10	10	625
86.	Di-n-octyl phthalates <sup>5</sup>	ND	6025	10	10	625

ATTACHMENT 1

BASE/NEUTRAL COMPOUNDS	FOR OFFICE USE ONLY	LABORATORY ANALYSIS			RECOMMENDED EPA TEST METHOD	
		RESULTS (ug/l)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (ug/l)	REQUIRED MQL (ug/l)	EPA APPROVED TEST METHOD
87. 1,2-Diphenylhydrazine <sup>1</sup>		ND	625	20	20	625
88. Fluoranthene <sup>5</sup>		ND	625	10	10	625
89. Fluorene <sup>5</sup>		ND	625	10	10	625
90. Hexachlorobenzene <sup>5</sup>		ND	625	10	10	625
91. Hexachlorobutadiene <sup>5</sup>		ND	625	10	10	625
92. Hexachlorocyclopentadiene <sup>5</sup>		ND	625	10	10	625
93. Hexachloroethane <sup>6</sup>		ND	625	20	20	625
94. Indeno (1,2,3-cd) pyrene <sup>6</sup> (2,3-o-phenylene Pyrene)		ND	625	20	20	625
95. Isophorone <sup>5</sup>		ND	625	10	10	625
96. Naphthalene <sup>5</sup>		ND	625	10	10	625
97. Nitrobenzene <sup>5</sup>		ND	625	10	10	625
98. N-nitrosodimethylamine <sup>6</sup>		ND	625	50	50	625
99. N-nitrosodi-n-propylamine <sup>6</sup>		ND	625	20	20	625
100. N-nitrosodiphenylamine <sup>6</sup>		ND	625	20	20	625
101. Phenanthrene <sup>5</sup>		ND	625	10	10	625
102. Pyrene <sup>5</sup>		ND	625	10	10	625
103. 1,2,4-Trichlorobenzene <sup>5</sup>		ND	625	10	10	625



ATTACHMENT 1

PESTICIDES	FOR OFFICE USE ONLY	LABORATORY ANALYSIS			RECOMMENDED EPA TEST METHOD	
		RESULTS (ug/L)	TEST METHOD USED	DETECTION LEVEL ACHIEVED (ug/L)	REQUIRED MOL (ug/L)	EPA APPROVED TEST METHOD
104. Aldrin's		ND	608	0.05	0.05	608
105. Alpha-BHC's		ND	608	0.05	0.05	608
106. Beta-BHC's		ND	608	0.05	0.05	608
107. Gamma-BHC's		ND	608	0.05	0.05	608
108. Delta-BHC's		ND	608	0.05	0.05	608
109. Chlordane's		ND	608	0.2	0.2	608
110. 4,4'-DDT's		ND	608	0.1	0.1	608
111. 4,4'-DDE (p,p-DDX)'s		ND	608	0.1	0.1	608
112. 4,4'-DDD 9(p,p-TDE)'s		ND	608	0.1	0.1	608
113. Dieldrin's		ND	608	0.1	0.1	608
114. Alpha-endosulfan's		ND	608	0.1	0.1	608
115. Beta-endosulfan's		ND	608	0.1	0.1	608
116. Endosulfan sulfates		ND	608	0.1	0.1	608
117. Endrin's		ND	608	0.1	0.1	608
118. Endrin aldehydes		ND	608	0.05	0.05	608
119. Heptachlor's		ND	608	1.0	1.0	608
120. Heptachlor epoxides (BHC-hexachlorocyclohexane)		ND	608	1.0	1.0	608
130. Chlorpyrifos		ND	8141A	0.07	0.07	8141A
121. PCB-1242's		ND	608	1.0	1.0	608
122. PCB-1254		ND	608	1.0	1.0	608
123. PCB-1221		ND	608	1.0	1.0	608
124. PCB-1232		ND	608	1.0	1.0	608
125. PCB-1248		ND	608	1.0	1.0	608
126. PCB-1260		ND	608	1.0	1.0	608
127. PCB-1016		ND	608	1.0	1.0	608
128. Toxaphene's		ND	608	5.0	5.0	608



State of Arkansas  
 Department of Environmental Quality  
 Laboratory Certification Program  
 Arkansas Analytical, Inc.  
 Little Rock, AR



has earned certification by law in accordance with Code Annotated §8-2-201 et seq., the State Environmental Laboratory Certification Program Act for the following parameters:

Alkalinity	Orthophosphate	Arsimony	Mercury	Iron
Ammonia	Perchlorate	Arsenic	Molybdenum	Titanium
BOD	pH	Barium	Nickel	TPAC
Bromide	Phenol	Beryllium	Potassium	Vanadium
CBOD	Sulfate	Boron	Selenium	Volatiles Organics
Chloride	Sulfide	Cadmium	Silver	Zinc
Chlorine	Surfactants	Calcium	Sodium	
COD	TDS	Chromium	Selenium	
Conductivity	TKN	Cobalt	Acute Toxicity	
Cyanide	FOC	Copper	Chronic Toxicity	
Fluoride	Total Phosphorus	Hex. Chromium	Fecal Coliform	
Hardness	Total Solids	Iron	Herbicides	
Nitrate	TSS	Lead	Pesticides & PCBs	
Nitrite	Turbidity	Magnesium	Semi-volatiles	
Oil & Grease	Aluminum	Manganese	Thallium	

Laboratory ID: 60-1754

Certificate Number: 05-070-0

Issued Date: 30 October 2005

Expired Date: 30 October 2006

*J. A. Hemphill*  
 ADEQ Quality Assurance Officer  
 Date *October 28, 2005*