

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

TIMOTHY JOE AND SHEILA BOWMAN	)	
	)	
COMPLAINANTS	)	
	)	
v.	)	CASE NO. 2006-00389
	)	
BLACK MOUNTAIN WATER DISTRICT	)	
	)	
DEFENDANT	)	

ORDER TO SATISFY OR ANSWER


Black Mountain Water District ("Black Mountain") is hereby notified that it has been named as defendant in a formal complaint filed on August 17, 2006, a copy of which is attached hereto.

Pursuant to 807 KAR 5:001, Section 12, Black Mountain is HEREBY ORDERED to satisfy the matters complained of or file a written answer to the complaint within 10 days from the date of service of this Order.

Should documents of any kind be filed with the Commission in the course of this proceeding, the documents shall also be served on all parties of record.

Done at Frankfort, Kentucky, this 29<sup>th</sup> day of August, 2006.

ATTEST:



Executive Director

By the Commission

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the matter of:

Timothy Joe and Sheila Bowman  
(Your Full Name)  
COMPLAINANT  
VS.  
Black Mountain Water District  
(Name of Utility)  
DEFENDANT

RECEIVED  
AUG 17 2006  
PUBLIC SERVICE  
COMMISSION

Case No. 2006-00389

COMPLAINT

The complaint of Timothy Joe and Sheila Bowman respectfully shows:  
(Your Full Name)

(a) Timothy Joe and Sheila Bowman  
(Your Full Name)

6855 N US Hwy 119, Putney, KY 40865  
(Your Address)

(b) Black Mountain Water District  
(Name of Utility)

609 Four Mile Rd, Baxter, KY 40806  
(Address of Utility)

(c) That: the Black Mountain Water District has deliberately  
(Describe here, attaching additional sheets if necessary,

delayed the hook up availability of water to our residence.  
the specific act, fully and clearly, or facts that are the reason

We signed up and paid the deposit for water hook up at the  
and basis for the complaint.)

initial sign up in the Putney area which was approximately

5 years ago. After the water project began and was well

Continued on Next Page

Formal Complaint

Timothy Joe and Sheila Bowman VS. Black Mountain Water District

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under way in the Putney area, we started inquiring as to when we  
would get water hook up. About 2 years ago, we attended a monthly  
meeting at the Black Mountain Water District and talked with them  
about why we had not received water hook up. After looking at  
their maps, they said that we were not showing up on their maps.  
They assured us that they would check into this matter. (See attached pages)

Wherefore, complainant asks for immediate water hook up and compensation  
(Specifically state the relief desired.)

for the delay in providing us water hook up while making it available  
to places that had not signed up initially. During this time we  
did not have access to a clean source of water. We feel that we have  
been exposed to unsafe chemicals from the landfill that might harm us.

Dated at Putney, Kentucky, this 8th day  
(Your City)

of August, <sup>20</sup>18 06.  
(Month)

Timothy Joe Bowman Sheila Bowman  
(Your Signature)

\_\_\_\_\_  
(Name and address of attorney, if any)

Timothy Joe and Sheila Bowman vs Black Mountain Water District

Formal Complaint (Continued)

We explained that we would really like to have hookup to the water because I had been diagnosed with breast cancer and we had concerns regarding the landfill ¼ mile above our house. We had our well water tested by the state and there were traces of two pesticides (dieldrin and MCPA) in our water (see enclosed report). Dieldrin is labeled as a probable carcinogen with a possible link to breast cancer in some studies and we're not sure about MCPA based on the research we've done. We attended another meeting at the Black Mountain Water District and they sent Earl out to look and see what they would have to do to get water to us. They informed us that as soon as permits and funding were available, they were planning on installing 3 bore holes. One of these bore holes was to be done for the Turners, one for us and one at Buddies Discount. They said it would take approximately 30-60 days for this to be done. We still didn't get water. We then talked with Judge Joe Grieshop about the possible connection of pesticides in our well water and the landfill above our house and that we would really like to have water hookup. In January 2006, the first bore hole was drilled for the C V Bennett property (a supporter of County Judge Joe Grieshop) at Buddies Discount. Then in March, 2006 a bore hole was drilled at the Turners (Johnny Turner is a property owner there and he ran for judicial office this year in Harlan County). This bore hole is about 4/10 mile south of our house. Instead of us getting the third bore hole as we were promised, the next bore hole was drilled for the Black Mountain ATV Park. According to a local newspaper, Judge Joe Grieshop is president of the Kentucky Mountain Trails Development Coalition. This park didn't exist at the time we paid our hookup fee for the water. This third bore hole is about 4/10 north of our house.

It appears as though "political buddies and interest" are preferred over honest, hard-working taxpayers when it comes to clean water and health concerns in Harlan County. We feel that these issues have led us to be intentionally left out of receiving water hook up. We, also, feel that during the time we have been without clean water we may have been exposed to toxic substance from the county landfill. We just want to be treated fairly and we ask your help in seeing that this is done. We have tried every diplomatic way that we know of. Thank you.



**ENVIRONMENTAL AND PUBLIC PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

**Ernie Fletcher**  
Governor

Division of Environmental Services  
Centralized Laboratory Facility  
100 Sower Blvd., Ste. 104  
Frankfort, Kentucky 40601-8272

**Lajuana S. Wilcher**  
Secretary

**Thursday, April 14, 2005**

**Sample Number: AC01017**

**To:** Division of Water  
14 Reilly Road  
Frankfort, KY 40601  
ATTN: Peter Goodmann

**Re: Groundwater**

**Program Code: A21**  
**AKGWA: 0004-2919**

**County:** Harlan  
**Collected By:** Kevin Francis  
**Delivered By:** Kevin Francis  
**Received By:** Jennifer Clark  
**Sample Matrix:** Water

**Facility:**  
**Date:** 2/21/2005      **Time:** 11:30  
**Date:** 02/22/05      **Time:** 11:17  
**Date:** 02/22/05      **Time:** 11:17  
**Collection Method:** Grab

**Sample Identification:** Tim Bowman Residence

**Field ID:**

**REPORT OF ANALYSIS**

<u>CAS NUM</u>	<u>TESTCODE</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>RL</u>	<u>MDL</u>	<u>FLAG</u>
	1020	Alkalinity (as CaCO3)	218	mg/L	5		
	1030	Alkalinity, Carbonate (as CaCO3)	Below RL	mg/L	5		
	1040	Alkalinity, Bicarbonate (as CaCO3)	218	mg/L	1		
	1140	Conductivity	487	µmho/cm	5.0		
24959-67-9	\$1180	Bromide	0.056	mg/L	0.025		
16887-00-6	\$1180	Chloride	14.6	mg/L	0.25		
16984-48-8	\$1180	Fluoride	0.598	mg/L	0.05		
14797-55-8	\$1180	Nitrate (as N)	Below RL	mg/L	0.025		
14797-65-0	\$1180	Nitrite (as N)	Below RL	mg/L	0.025		
14265-44-2	\$1180	Orthophosphate (as P)	0.069	mg/L	0.025		
14808-79-8	\$1180	Sulfate	23.5	mg/L	0.25		
	1280	pH	7.63	S.U.			
	1320	Solids, Total Suspended	1.50	mg/L	1.50		
7440-44-0	2260	Organic Carbon, Total	0.564	mg/L	0.25		
7664-41-7	2000	Ammonia (as N)	0.361	mg/L	0.025		
	2280	Total Kjeldhal Nitrogen	0.385	mg/L	0.20		
7723-14-0	2200	Phosphorus, Total	0.101	mg/L	0.010		
7440-70-2	\$3120	MINCA Calcium	25.9	mg/L	0.150		
7439-89-6	\$3120	MINCA Iron	0.142	mg/L	0.050		
7439-95-4	\$3120	MINCA Magnesium	12.1	mg/L	0.500		
7440-09-7	\$3120	MINCA Potassium	2.04	mg/L	0.150		B
7440-23-5	\$3120	MINCA Sodium	69.9	mg/L	0.100		
7429-90-5	\$3130	CALC Aluminum	13.2	µg/L	3.0		
7440-38-2	\$3130	CALC Arsenic	Below RL	µg/L	0.5		
7440-39-3	\$3130	CALC Barium	316	µg/L	0.2		
7440-43-9	\$3130	CALC Cadmium	Below RL	µg/L	0.4		
7440-47-3	\$3130	CALC Chromium	Below RL	µg/L	0.2		
7440-50-8	\$3130	CALC Copper	14.2	µg/L	0.5		

**Sample Number:** AC01017

Report Version 1

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<u>CAS NUM</u>	<u>TESTCODE</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>RL</u>	<u>MDL</u>	<u>FLAG</u>
7439-92-1	\$3130	CALC Lead	Below RL	µg/L	1.0		
7439-96-5	\$3130	CALC Manganese	100	µg/L	0.5		
7440-02-0	\$3130	CALC Nickel	Below RL	µg/L	1.0		
7782-49-2	\$3130	CALC Selenium	Below RL	µg/L	0.8		
7440-22-4	\$3130	CALC Silver	Below RL	µg/L	0.4		
7440-66-6	\$3130	CALC Zinc	14.4	µg/L	2.0		
7439-97-6	3340	Mercury	Below RL	µg/L	0.05		
77-47-4	\$6260	ALL Hexachlorocyclopentadiene	Below RL	µg/L	0.0495		U
2593-15-9	\$6260	ALL Etridiazole	Below RL	µg/L	0.00990		U
118-74-1	\$6260	ALL Hexachlorobenzene	Below RL	µg/L	0.00990		U
1918-16-7	\$6260	ALL Propachlor	Below RL	µg/L	0.0297		U
1582-09-8	\$6260	ALL Trifluralin	Below RL	µg/L	0.00990		U
319-84-6	\$6260	ALL alpha-BHC	Below RL	µg/L	0.00990		U
319-85-7	\$6260	ALL beta-BHC	Below RL	µg/L	0.00990		U
58-89-9	\$6260	ALL gamma-BHC (Lindane)	Below RL	µg/L	0.00990		U
319-86-8	\$6260	ALL delta-BHC	Below RL	µg/L	0.00990		U
309-00-2	\$6260	ALL Aldrin	Below RL	µg/L	0.00990		U
1861-32-1	\$6260	ALL DCPA	Below RL	µg/L	0.00990		U
1897-45-6	\$6260	ALL Chlorothalonil	Below RL	µg/L	0.0297		U
76-44-8	\$6260	ALL Heptachlor	Below RL	µg/L	0.00990		U
2921-88-2	\$6260	ALL Chlorpyrifos	Below RL	µg/L	0.00990		U
1024-57-3	\$6260	ALL Heptachlor epoxide	Below RL	µg/L	0.00990		U
27304-13-8	\$6260	ALL Oxychlorthane	Below RL	µg/L	0.00990		U
5103-74-2	\$6260	ALL trans-Chlordane	Below RL	µg/L	0.00990		U
5103-71-9	\$6260	ALL cis-Chlordane	Below RL	µg/L	0.00990		U
39765-80-5	\$6260	ALL trans-Nonachlor	Below RL	µg/L	0.00990		U
3734-48-3	\$6260	ALL Chlordene	Below RL	µg/L	0.00990		U
5103-73-1	\$6260	ALL cis-Nonachlor	Below RL	µg/L	0.00990		U
12789-03-6	\$6260	ALL Technical Chlordane	Below RL	µg/L	0.00990		U
60-57-1	\$6260	ALL Dieldrin	0.0209	µg/L	0.00990		
72-20-8	\$6260	ALL Endrin	Below RL	µg/L	0.00990		U
3424-82-6	\$6260	ALL 2,4'-DDE	Below RL	µg/L	0.00990		U
72-55-9	\$6260	ALL 4,4'-DDE	Below RL	µg/L	0.00990		U
53-19-0	\$6260	ALL 2,4'-DDD	Below RL	µg/L	0.00990		U
72-54-8	\$6260	ALL 4,4'-DDD	Below RL	µg/L	0.00990		U
789-02-6	\$6260	ALL 2,4'-DDT	Below RL	µg/L	0.00990		U
50-29-3	\$6260	ALL 4,4'-DDT	Below RL	µg/L	0.00990		U
8017-34-3	\$6260	ALL Total DDT	Below RL	µg/L	0.00990		U
72-43-5	\$6260	ALL Methoxychlor	Below RL	µg/L	0.00990		U
2385-85-5	\$6260	ALL Mirex	Below RL	µg/L	0.00990		U
959-98-8	\$6260	ALL Endosulfan I	Below RL	µg/L	0.00990		U
33213-65-9	\$6260	ALL Endosulfan II	Below RL	µg/L	0.00990		U
1031-07-8	\$6260	ALL Endosulfan sulfate	Below RL	µg/L	0.00990		U
7421-93-4	\$6260	ALL Endrin aldehyde	Below RL	µg/L	0.00990		U
53494-70-5	\$6260	ALL Endrin ketone	Below RL	µg/L	0.00990		U
52645-53-1	\$6260	ALL Permethrins (cis & trans)	Below RL	µg/L	0.0198		U
78-59-1	\$6240	ALL Isophorone	Below RL	µg/L	0.044		U
62-73-7	\$6240	ALL Dichlorovos	Below RL	µg/L	0.044		U
77-47-4	\$6240	ALL Hexachlorocyclopentadiene	Below RL	µg/L	0.110		U
759-94-4	\$6240	ALL EPTC	Below RL	µg/L	0.044		U
2008-41-5	\$6240	ALL Butylate	Below RL	µg/L	0.044		U
7786-34-7	\$6240	ALL Mevinphos	Below RL	µg/L	0.110		U

<u>CAS NUM</u>	<u>TESTCODE</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>RL</u>	<u>MDL</u>	<u>FLAG</u>
30560-19-1	\$6240 ALL	Acephate	Below RL	µg/L	0.220		U
1929-77-7	\$6240 ALL	Vernolate	Below RL	µg/L	0.044		U
131-11-3	\$6240 ALL	Dimethyl phthalate	Below RL	µg/L	0.044		U
2593-15-9	\$6240 ALL	Etridiazole	Below RL	µg/L	0.044		U
208-96-8	\$6240 ALL	Acenaphthylene	Below RL	µg/L	0.044		U
1114-71-2	\$6240 ALL	Pebulate	Below RL	µg/L	0.044		U
606-20-2	\$6240 ALL	2,6-Dinitrotoluene	Below RL	µg/L	0.110		U
2051-60-7	\$6240 ALL	2-Chlorobiphenyl	Below RL	µg/L	0.044		U
2675-77-6	\$6240 ALL	Chloroneb	Below RL	µg/L	0.044		U
121-14-2	\$6240 ALL	2,4-Dinitrotoluene	Below RL	µg/L	0.110		U
2212-67-1	\$6240 ALL	Molinate	Below RL	µg/L	0.044		U
86-73-7	\$6240 ALL	Fluorene	Below RL	µg/L	0.044		U
84-66-2	\$6240 ALL	Diethyl phthalate	0.101	µg/L	0.044		B
1918-16-7	\$6240 ALL	Propachlor	Below RL	µg/L	0.044		U
13194-48-4	\$6240 ALL	Ethoprop	Below RL	µg/L	0.044		U
1134-23-2	\$6240 ALL	Cycloate	Below RL	µg/L	0.044		U
101-21-3	\$6240 ALL	Chlorpropham	Below RL	µg/L	0.044		U
34014-18-1	\$6240 ALL	Tebuthiuron	Below RL	µg/L	0.110		U
6190-65-4	\$6240 ALL	Atrazine desethyl	Below RL	µg/L	0.044		U
1582-09-8	\$6240 ALL	Trifluralin	Below RL	µg/L	0.044		U
1861-40-1	\$6240 ALL	Benfluralin (Benefin)	Below RL	µg/L	0.044		U
319-84-6	\$6240 ALL	alpha-BHC	Below RL	µg/L	0.022		U
16605-91-7	\$6240 ALL	2,3-Dichlorobiphenyl	Below RL	µg/L	0.044		U
118-74-1	\$6240 ALL	Hexachlorobenzene	Below RL	µg/L	0.022		U
1610-17-9	\$6240 ALL	Atraton	Below RL	µg/L	0.044		U
122-34-9	\$6240 ALL	Simazine	Below RL	µg/L	0.044		U
1610-18-0	\$6240 ALL	Prometon	Below RL	µg/L	0.044		U
1912-24-9	\$6240 ALL	Atrazine	Below RL	µg/L	0.044		U
319-85-7	\$6240 ALL	beta-BHC	Below RL	µg/L	0.022		U
139-40-2	\$6240 ALL	Propazine	Below RL	µg/L	0.044		U
87-86-5	\$6240 ALL	Pentachlorophenol	Below RL	µg/L	0.220		U
58-89-9	\$6240 ALL	gamma-BHC (Lindane)	Below RL	µg/L	0.022		U
13071-79-9	\$6240 ALL	Terbufos	Below RL	µg/L	0.044		U
944-22-9	\$6240 ALL	Fonofos	Below RL	µg/L	0.044		U
23950-58-5	\$6240 ALL	Pronamide	Below RL	µg/L	0.044		U
26399-36-0	\$6240 ALL	Profluralin (Tolban)	Below RL	µg/L	0.044		U
85-01-8	\$6240 ALL	Phenanthrene	Below RL	µg/L	0.044		U
120-12-7	\$6240 ALL	Anthracene	Below RL	µg/L	0.044		U
3734-48-3	\$6240 ALL	Chlordene	Below RL	µg/L	0.022		U
333-41-5	\$6240 ALL	Diazinon	Below RL	µg/L	0.044		U
298-04-4	\$6240 ALL	Disulfoton	Below RL	µg/L	0.044		U
950-35-6	\$6240 ALL	Methyl paraoxon	Below RL	µg/L	0.044		U
319-86-8	\$6240 ALL	delta-BHC	Below RL	µg/L	0.022		U
5902-51-2	\$6240 ALL	Terbacil	Below RL	µg/L	0.044		U
1897-45-6	\$6240 ALL	Chlorothalonil	Below RL	µg/L	0.022		U
15862-07-4	\$6240 ALL	2,4,5-Trichlorobiphenyl	Below RL	µg/L	0.044		U
21087-64-9	\$6240 ALL	Metribuzin	Below RL	µg/L	0.044		U
34256-82-1	\$6240 ALL	Acetochlor	Below RL	µg/L	0.044		U
298-00-0	\$6240 ALL	Methyl parathion	Below RL	µg/L	0.044		U
1014-70-6	\$6240 ALL	Simetryn	Below RL	µg/L	0.044		U
76-44-8	\$6240 ALL	Heptachlor	Below RL	µg/L	0.022		U
15972-60-8	\$6240 ALL	Alachlor	Below RL	µg/L	0.044		U

<u>CAS NUM</u>	<u>TESTCODE</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>RL</u>	<u>MDL</u>	<u>FLAG</u>
834-12-8	\$6240 ALL	Ametryn	Below RL	µg/L	0.044		U
7287-19-6	\$6240 ALL	Prometryn	Below RL	µg/L	0.044		U
886-50-0	\$6240 ALL	Terbutryn	Below RL	µg/L	0.044		U
314-40-9	\$6240 ALL	Bromacil	Below RL	µg/L	0.044		U
2437-79-8	\$6240 ALL	2,2',4,4'-Tetrachlorobiphenyl	Below RL	µg/L	0.044		U
84-74-2	\$6240 ALL	Dibutyl phthalate	0.141	µg/L	0.044		B
309-00-2	\$6240 ALL	Aldrin	Below RL	µg/L	0.022		U
121-75-5	\$6240 ALL	Malathion	Below RL	µg/L	0.044		U
51218-45-2	\$6240 ALL	Metolachlor	Below RL	µg/L	0.044		U
2921-88-2	\$6240 ALL	Chlorpyrifos	Below RL	µg/L	0.022		U
21725-46-2	\$6240 ALL	Cyanazine	Below RL	µg/L	0.044		U
43121-43-3	\$6240 ALL	Triadimefon	Below RL	µg/L	0.044		U
1861-32-1	\$6240 ALL	DCPA	Below RL	µg/L	0.022		U
957-51-7	\$6240 ALL	Diphenamide	Below RL	µg/L	0.044		U
33820-53-0	\$6240 ALL	Isopropalin (Paarlan)	Below RL	µg/L	0.044		U
113-48-4	\$6240 ALL	MGK 264	Below RL	µg/L	0.044		U
1024-57-3	\$6240 ALL	Heptachlor epoxide	Below RL	µg/L	0.022		U
40487-42-1	\$6240 ALL	Pendimethalin (Prowl)	Below RL	µg/L	0.044		U
60233-25-2	\$6240 ALL	2,2',3,4',6'-Pentachlorobiphenyl	Below RL	µg/L	0.044		U
5103-74-2	\$6240 ALL	trans-Chlordane	Below RL	µg/L	0.022		U
129-00-0	\$6240 ALL	Pyrene	Below RL	µg/L	0.044		U
959-98-8	\$6240 ALL	Endosulfan I	Below RL	µg/L	0.022		U
5103-71-9	\$6240 ALL	cis-Chlordane	Below RL	µg/L	0.022		U
22248-79-9	\$6240 ALL	Stirofos	Below RL	µg/L	0.044		U
150-50-5	\$6240 ALL	Merphos	Below RL	µg/L	0.440		U
23184-66-9	\$6240 ALL	Butachlor	Below RL	µg/L	0.044		U
41814-78-2	\$6240 ALL	Tricyclazole	Below RL	µg/L	0.110		U
39765-80-5	\$6240 ALL	trans-Nonachlor	Below RL	µg/L	0.022		U
15299-99-7	\$6240 ALL	Napropamide	Below RL	µg/L	0.044		U
22224-92-6	\$6240 ALL	Fenamiphos (Nemacur)	Below RL	µg/L	0.044		U
60-57-1	\$6240 ALL	Dieldrin	Below RL	µg/L	0.022		U
72-55-9	\$6240 ALL	4,4'-DDE	Below RL	µg/L	0.022		U
5234-68-4	\$6240 ALL	Carboxin	Below RL	µg/L	0.044		U
19666-30-9	\$6240 ALL	Oxadiazone	Below RL	µg/L	0.044		U
60145-22-4	\$6240 ALL	2,2',4,4',5,6'-Hexachlorobiphenyl	Below RL	µg/L	0.044		U
53-19-0	\$6240 ALL	2,4'-DDD	Below RL	µg/L	0.022		U
3424-82-6	\$6240 ALL	2,4'-DDE	Below RL	µg/L	0.022		U
42874-03-3	\$6240 ALL	Oxyflurfen (Goal)	Below RL	µg/L	0.044		U
72-20-8	\$6240 ALL	Endrin	Below RL	µg/L	0.022		U
33213-65-9	\$6240 ALL	Endosulfan II	Below RL	µg/L	0.022		U
510-15-6	\$6240 ALL	Chlorobenzilate	Below RL	µg/L	0.044		U
72-54-8	\$6240 ALL	4,4'-DDD	Below RL	µg/L	0.022		U
5103-73-1	\$6240 ALL	cis-Nonachlor	Below RL	µg/L	0.022		U
789-02-6	\$6240 ALL	2,4'-DDT	Below RL	µg/L	0.022		U
7421-93-4	\$6240 ALL	Endrin aldehyde	Below RL	µg/L	0.022		U
1031-07-8	\$6240 ALL	Endosulfan sulfate	Below RL	µg/L	0.022		U
27314-13-2	\$6240 ALL	Norflurazon	Below RL	µg/L	0.044		U
85-68-7	\$6240 ALL	Butyl benzyl phthalate	0.946	µg/L	0.044		B
50-29-3	\$6240 ALL	4,4'-DDT	Below RL	µg/L	0.022		U
51235-04-2	\$6240 ALL	Hexazinone	Below RL	µg/L	0.044		U
103-23-1	\$6240 ALL	bis(2-Ethylhexyl) adipate	0.0797	µg/L	0.044		B
53494-70-5	\$6240 ALL	Endrin ketone	Below RL	µg/L	0.044		U



<u>CAS NUM</u>	<u>TESTCODE</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>RL</u>	<u>MDL</u>	<u>FLAG</u>
56-55-3	\$6240 ALL	Benz(a)anthracene	Below RL	µg/L	0.044		U
218-01-9	\$6240 ALL	Chrysene	Below RL	µg/L	0.044		U
52663-71-5	\$6240 ALL	2,2',3,3',4,4',6-Heptachlorobiphenyl	Below RL	µg/L	0.044		U
72-43-5	\$6240 ALL	Methoxychlor	Below RL	µg/L	0.044		U
40186-71-8	\$6240 ALL	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	Below RL	µg/L	0.044		U
117-81-7	\$6240 ALL	bis(2-Ethylhexyl) phthalate	0.883	µg/L	0.044		B
2385-85-5	\$6240 ALL	Mirex	Below RL	µg/L	0.044		U
60168-88-9	\$6240 ALL	Fenarimol	Below RL	µg/L	0.044		U
54774-45-7	\$6240 ALL	Permethrin-cis	Below RL	µg/L	0.044		U
51877-74-8	\$6240 ALL	Permethrin-trans	Below RL	µg/L	0.044		U
205-99-2	\$6240 ALL	Benzo(b)fluoranthene	Below RL	µg/L	0.044		U
207-08-9	\$6240 ALL	Benzo(k)fluoranthene	Below RL	µg/L	0.044		U
50-32-8	\$6240 ALL	Benzo(a)pyrene	Below RL	µg/L	0.044		U
59756-60-4	\$6240 ALL	Fluridone	Below RL	µg/L	0.220		U
193-39-5	\$6240 ALL	Indeno(1,2,3-cd)pyrene	Below RL	µg/L	0.044		U
53-70-3	\$6240 ALL	Dibenz(a,h)anthracene	Below RL	µg/L	0.044		U
191-24-2	\$6240 ALL	Benzo(g,h,i)perylene	Below RL	µg/L	0.044		U
1918-02-1	\$6230 HERB	Picloram	Below RL	µg/L	0.050		U
133-90-4	\$6230 HERB	Chloramben	Below RL	µg/L	0.050		U
100-02-7	\$6230 HERB	4-Nitrophenol	Below RL	µg/L	0.050		U
1918-00-9	\$6230 HERB	Dicamba	Below RL	µg/L	0.050		U
25057-89-0	\$6230 HERB	Bentazone	Below RL	µg/L	0.050		U
94-75-7	\$6230 HERB	2,4-Dichlorophenoxyacetic acid	Below RL	µg/L	0.050		U
51-36-5	\$6230 HERB	3,5-Dichlorobenzoic acid	Below RL	µg/L	0.050		U
120-36-5	\$6230 HERB	Dichloroprop	Below RL	µg/L	0.050		U
93-76-5	\$6230 HERB	2,4,5-Trichlorophenoxyacetic acid	Below RL	µg/L	0.050		U
94-82-6	\$6230 HERB	2,4-Dichlorophenoxybutyric acid	Below RL	µg/L	0.050		U
93-72-1	\$6230 HERB	Silvex	Below RL	µg/L	0.050		U
50594-66-6	\$6230 HERB	Acifluorfen	Below RL	µg/L	0.050		U
88-85-7	\$6230 HERB	Dinoseb	Below RL	µg/L	0.050		U
87-86-5	\$6230 HERB	Pentachlorophenol	Below RL	µg/L	0.050		U
93-65-2	\$6230 HERB	Mecoprop (MCP)	Below RL	µg/L	0.050		U
94-74-6	\$6230 HERB	MCPA	0.0727	µg/L	0.050		
12674-11-2	\$6300 CALC	Aroclor 1016	Below RL	µg/L	0.0990		U
11104-28-2	\$6300 CALC	Aroclor 1221	Below RL	µg/L	0.198		U
11141-16-5	\$6300 CALC	Aroclor 1232	Below RL	µg/L	0.0990		U
53469-21-9	\$6300 CALC	Aroclor 1242	Below RL	µg/L	0.0990		U
12672-29-6	\$6300 CALC	Aroclor 1248	Below RL	µg/L	0.0990		U
11097-69-1	\$6300 CALC	Aroclor 1254	Below RL	µg/L	0.0990		U
11096-82-5	\$6300 CALC	Aroclor 1260	Below RL	µg/L	0.0990		U
37324-23-5	\$6300 CALC	Aroclor 1262	Below RL	µg/L	0.0990		U
11100-14-4	\$6300 CALC	Aroclor 1268	Below RL	µg/L	0.0990		U
1336-36-3	\$6300 CALC	Total PCBs (as Decachlorobiphenyl)	Below RL	µg/L	1.80		U
8001-35-2	\$6300 CALC	Toxaphene	Below RL	µg/L	0.0990		U
75-71-8	\$6320 ALL	Dichlorodifluoromethane	Below RL	µg/L	0.500		U
74-87-3	\$6320 ALL	Chloromethane	Below RL	µg/L	0.500		U
75-01-4	\$6320 ALL	Vinyl chloride	Below RL	µg/L	0.500		U
74-83-9	\$6320 ALL	Bromomethane	Below RL	µg/L	0.500		U
75-00-3	\$6320 ALL	Chloroethane	Below RL	µg/L	0.500		U
75-69-4	\$6320 ALL	Trichlorofluoromethane	Below RL	µg/L	0.500		U
60-29-7	\$6320 ALL	Diethyl ether	Below RL	µg/L	1.00		U
75-35-4	\$6320 ALL	1,1-Dichloroethene	Below RL	µg/L	0.500		U

<u>CAS NUM</u>	<u>TESTCODE</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>RL</u>	<u>MDL</u>	<u>FLAG</u>
67-64-1	\$6320 ALL	Acetone	0.698	µg/L	1.00		JF
74-88-4	\$6320 ALL	Methyl iodide	Below RL	µg/L	1.00		U
75-15-0	\$6320 ALL	Carbon disulfide	Below RL	µg/L	1.00		U
107-05-1	\$6320 ALL	Allyl chloride	Below RL	µg/L	1.00		U
75-09-2	\$6320 ALL	Dichloromethane (Methylene chloride)	Below RL	µg/L	0.500		U
107-13-1	\$6320 ALL	Acrylonitrile	Below RL	µg/L	1.00		U
156-60-5	\$6320 ALL	trans-1,2-Dichloroethene	Below RL	µg/L	0.500		U
1634-04-4	\$6320 ALL	Methyl-tert-butyl ether (MTBE)	Below RL	µg/L	1.00		U
75-34-3	\$6320 ALL	1,1-Dichloroethane	Below RL	µg/L	0.500		U
108-05-4	\$6320 ALL	Vinyl acetate	Below RL	µg/L	1.00		U
594-20-7	\$6320 ALL	2,2-Dichloropropane	Below RL	µg/L	0.500		U
156-59-2	\$6320 ALL	cis-1,2-Dichloroethene	Below RL	µg/L	0.500		U
78-93-3	\$6320 ALL	2-Butanone (MEK)	Below RL	µg/L	1.00		U
107-12-0	\$6320 ALL	Propionitrile	Below RL	µg/L	2.00		U
96-33-3	\$6320 ALL	Methyl acrylate	Below RL	µg/L	1.00		U
126-98-7	\$6320 ALL	Methacrylonitrile	Below RL	µg/L	1.00		U
74-97-5	\$6320 ALL	Bromochloromethane	Below RL	µg/L	0.500		U
109-99-9	\$6320 ALL	Tetrahydrofuran	Below RL	µg/L	1.00		U
67-66-3	\$6320 ALL	Chloroform	Below RL	µg/L	0.500		U
71-55-6	\$6320 ALL	1,1,1-Trichloroethane	Below RL	µg/L	0.500		U
109-69-3	\$6320 ALL	1-Chlorobutane	Below RL	µg/L	1.00		U
56-23-5	\$6320 ALL	Carbon tetrachloride	Below RL	µg/L	0.500		U
563-58-6	\$6320 ALL	1,1-Dichloropropene	Below RL	µg/L	0.500		U
71-43-2	\$6320 ALL	Benzene	Below RL	µg/L	0.500		U
107-06-2	\$6320 ALL	1,2-Dichloroethane	Below RL	µg/L	0.500		U
79-01-6	\$6320 ALL	Trichloroethene	Below RL	µg/L	0.500		U
78-87-5	\$6320 ALL	1,2-Dichloropropane	Below RL	µg/L	0.500		U
74-95-3	\$6320 ALL	Dibromomethane	Below RL	µg/L	0.500		U
80-62-6	\$6320 ALL	Methyl methacrylate	Below RL	µg/L	1.00		U
75-27-4	\$6320 ALL	Bromodichloromethane	Below RL	µg/L	0.500		U
79-46-9	\$6320 ALL	2-Nitropropane	Below RL	µg/L	1.00		U
107-14-2	\$6320 ALL	Chloroacetonitrile	Below RL	µg/L	10.0		U
10061-01-5	\$6320 ALL	cis-1,3-Dichloropropene	Below RL	µg/L	0.500		U
108-10-1	\$6320 ALL	4-Methyl-2-pentanone (MIBK)	Below RL	µg/L	1.00		U
108-88-3	\$6320 ALL	Toluene	Below RL	µg/L	0.500		U
10061-02-6	\$6320 ALL	trans-1,3-Dichloropropene	Below RL	µg/L	0.500		U
97-63-2	\$6320 ALL	Ethyl methacrylate	Below RL	µg/L	1.00		U
79-00-5	\$6320 ALL	1,1,2-Trichloroethane	Below RL	µg/L	0.500		U
127-18-4	\$6320 ALL	Tetrachloroethene	Below RL	µg/L	0.500		U
591-78-6	\$6320 ALL	2-Hexanone (Methyl butyl ketone)	Below RL	µg/L	1.00		U
124-48-1	\$6320 ALL	Dibromochloromethane	Below RL	µg/L	0.500		U
106-93-4	\$6320 ALL	1,2-Dibromoethane (EDB)	Below RL	µg/L	0.500		U
142-28-9	\$6320 ALL	1,3-Dichloropropane	Below RL	µg/L	0.500		U
108-90-7	\$6320 ALL	Chlorobenzene	Below RL	µg/L	0.500		U
630-20-6	\$6320 ALL	1,1,1,2-Tetrachloroethane	Below RL	µg/L	0.500		U
544-10-5	\$6320 ALL	1-Chlorohexane	Below RL	µg/L	0.500		U
100-41-4	\$6320 ALL	Ethylbenzene	Below RL	µg/L	0.500		U
	\$6320 ALL	1,3-Xylene & 1,4-Xylene	Below RL	µg/L	0.500		U
95-47-6	\$6320 ALL	1,2-Xylene	Below RL	µg/L	0.500		U
100-42-5	\$6320 ALL	Styrene	Below RL	µg/L	0.500		U
75-25-2	\$6320 ALL	Bromoform	Below RL	µg/L	0.500		U
98-82-8	\$6320 ALL	Isopropylbenzene (Cumene)	Below RL	µg/L	0.500		U

<u>CAS NUM</u>	<u>TESTCODE</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>RL</u>	<u>MDL</u>	<u>FLAG</u>
108-86-1	\$6320 ALL	Bromobenzene	Below RL	µg/L	0.500		U
96-18-4	\$6320 ALL	1,2,3-Trichloropropane	Below RL	µg/L	0.500		U
79-34-5	\$6320 ALL	1,1,2,2-Tetrachloroethane	Below RL	µg/L	0.500		U
110-57-6	\$6320 ALL	trans-1,4-Dichloro-2-butene	Below RL	µg/L	1.00		U
103-65-1	\$6320 ALL	n-Propylbenzene	Below RL	µg/L	0.500		U
95-49-8	\$6320 ALL	2-Chlorotoluene	Below RL	µg/L	0.500		U
108-41-8	\$6320 ALL	3-Chlorotoluene	Below RL	µg/L	0.500		U
106-43-4	\$6320 ALL	4-Chlorotoluene	Below RL	µg/L	0.500		U
108-67-8	\$6320 ALL	1,3,5-Trimethylbenzene	Below RL	µg/L	0.500		U
76-01-7	\$6320 ALL	Pentachloroethane	Below RL	µg/L	1.00		U
98-06-6	\$6320 ALL	tert-Butylbenzene	Below RL	µg/L	0.500		U
95-63-6	\$6320 ALL	1,2,4-Trimethylbenzene	Below RL	µg/L	0.500		U
135-98-8	\$6320 ALL	sec-Butylbenzene	Below RL	µg/L	0.500		U
541-73-1	\$6320 ALL	1,3-Dichlorobenzene	Below RL	µg/L	0.500		U
99-87-6	\$6320 ALL	p-Isopropyltoluene (Cymene)	Below RL	µg/L	0.500		U
106-46-7	\$6320 ALL	1,4-Dichlorobenzene	Below RL	µg/L	0.500		U
95-50-1	\$6320 ALL	1,2-Dichlorobenzene	Below RL	µg/L	0.500		U
104-51-8	\$6320 ALL	n-Butylbenzene	Below RL	µg/L	0.500		U
67-72-1	\$6320 ALL	Hexachloroethane	Below RL	µg/L	1.00		U
96-12-8	\$6320 ALL	1,2-Dibromo-3-chloropropane	Below RL	µg/L	0.500		U
98-95-3	\$6320 ALL	Nitrobenzene	Below RL	µg/L	10.0		U
120-82-1	\$6320 ALL	1,2,4-Trichlorobenzene	Below RL	µg/L	0.500		U
87-68-3	\$6320 ALL	Hexachlorobutadiene	Below RL	µg/L	0.500		U
91-20-3	\$6320 ALL	Naphthalene	Below RL	µg/L	0.500		U
87-61-6	\$6320 ALL	1,2,3-Trichlorobenzene	Below RL	µg/L	0.500		U
	\$6320 ALL	Total Trihalomethanes	Below RL	µg/L	0.5		U
1330-20-7	\$6320 ALL	Total Xylenes	Below RL	µg/L	0.5		U
611-59-6	\$6230 CAFF	1,7-Dimethylxanthine	Below RL	µg/L	0.050		U
58-08-2	\$6230 CAFF	Caffeine	0.0481	µg/L	0.050		
	1340D	Solids, Total Dissolved	252	mg/L	20.0		
7440-70-2	\$3120D MIN	Calcium, Dissolved	24.7	mg/L	0.150		
7439-89-6	\$3120D MIN	Iron, Dissolved	Below RL	mg/L	0.050		
7439-95-4	\$3120D MIN	Magnesium, Dissolved	11.5	mg/L	0.500		
7440-09-7	\$3120D MIN	Potassium, Dissolved	2.08	mg/L	0.150		B
7440-23-5	\$3120D MIN	Sodium, Dissolved	70.4	mg/L	0.100		
7429-90-5	\$3130D	Aluminum, Dissolved	Below RL	µg/L	3.0		
7440-38-2	\$3130D	Arsenic, Dissolved	Below RL	µg/L	0.5		
7440-39-3	\$3130D	Barium, Dissolved	315	µg/L	0.2		
7440-43-9	\$3130D	Cadmium, Dissolved	Below RL	µg/L	0.4		
7440-47-3	\$3130D	Chromium, Dissolved	Below RL	µg/L	0.2		
7440-50-8	\$3130D	Copper, Dissolved	7.56	µg/L	0.5		
7439-92-1	\$3130D	Lead, Dissolved	Below RL	µg/L	1.0		
7439-96-5	\$3130D	Manganese, Dissolved	99.4	µg/L	0.5		
7440-02-0	\$3130D	Nickel, Dissolved	Below RL	µg/L	1.0		
7782-49-2	\$3130D	Selenium, Dissolved	Below RL	µg/L	0.8		
7440-22-4	\$3130D	Silver, Dissolved	Below RL	µg/L	0.4		
7440-66-6	\$3130D	Zinc, Dissolved	13.6	µg/L	2.0		

CAS NUM TESTCODE CONSTITUENTS

RESULT UNIT

RL

MDL

FLAG

**Data Quality Flag Description**

B = Analyte In Method Blank


F = No Field Blank

J = Estimated Value

U = Analyte Not Detected

This report has been prepared and reviewed by personnel within the Division of Environmental Services. It has been approved for release.

Report Format: DESFinal

  
Gleason L. Wheatley, Director