Arkansas Department of Health

4815 West Markham Street • Little Rock, Arkansas 72205-3867 • Telephone (501) 661-2000
Governor Mike Beebe
Nathaniel Smith, MD, MPH, Director and State Health Officer

Engineering Section, Slot 37 Ph 501-661-2623 Fax 501-661-2032
www.HealthyArkansas.com/eng/ After Hours Emergency 501-661-2136

October 16, 2014

MR KENT LATCH
HEBER SPRINGS WATER SYSTEM PWS ID#104
1108 WEST FRONT ST
HEBER SPRINGS AR 72543

RE: Lead and Copper Analyses-9th Reduced Monitoring period.

Dear Mr. Latch:

Attached are the results of the above referenced laboratory analyses of the lead and copper water samples collected from your public water system. The finished water quality is within the allowable limits of the "National Primary Drinking Water Regulations for Lead and Copper." The action levels for lead and copper are 0.015 mg/L and 1.3 mg/L respectively. Your 90th percentile for lead is 0.005 mg/L and for copper is 0.67 mg/L.

HEBER SPRINGS WATER SYSTEM must provide consumer notification, in writing, of tap water sample monitoring results within 30 days of receiving this letter. The notification must be sent to all consumers who submitted samples during this monitoring period. The notification must consist of a completed copy of the attached "Consumer Notice" and a cover letter providing the lead level for the individual sample site.

The wording on the consumer notice is mandatory and may not be changed. As well, the cover letter may not have language that would contradict or nullify the language on the consumer notice.

Within 10 days of completing said notification, HEBER SPRINGS WATER SYSTEM must send the Arkansas Department of Health a written letter certifying the Consumer Notification and the cover letters were distributed within 30 days of their receipt.

HEBER SPRINGS WATER SYSTEM will be required to collect samples for lead and copper analysis in 2017. We will notify you approximately four to eight weeks prior to your systems scheduled sample collection date. Bottles will be delivered to your water system approximately two weeks prior to the scheduled sample collection.

Federal Law requires the water system to keep a copy of the analytical reports for lead and copper analyses a minimum of 12 years. If you have any questions, please contact me at 501-661-2539.

Sincerely,

Gerald S Ward
Environmental Specialist
Division of Engineering

TL:gw

Rev: 09/11/14

CERTIFICATION OF CONSUMER NOTICE

TO: Gerald Ward
Arkansas Department of Health
Engineering Section
4815 West Markham slot 37
Little Rock, AR 72205-3867

FROM: _____, Water System
_____, Water Operator
_____, PWS ID Number

SUBJECT: Certification of Consumer Notice Activities
_____ (year)

I certify that a copy of the completed Consumer Notice, and a letter giving the site lead result, has been mailed or delivered to each consumer who collected a water sample for lead and copper analysis.
I further certify that the Consumer Notification was completed within 30 days of receiving written notification from the Arkansas Department of Health.

Printed name of responsible person: _____

Signature of responsible person: _____

Date: _____

MR KENT LATCH
HEBER SPRINGS WATER SYSTEM PWS # 104
1108 WEST FRONT ST
HEBER SPRINGS AR 72543

To:

Date:

Dear Sir/Madam:

Thank you for participating in the tap water sampling program for lead and copper.

The analytical result for lead for the drinking water sample collected from your home or establishment on (**date sample was collected)** is (**lead result for this site)** mg/L.

Additional information and definitions are located on the attached consumer notice.

We recommend you read the attached Consumer Notice, and should you have questions or comments you may call me at 501-362-3422 or one of the Health Department phone numbers listed on the Consumer Notice.

KENT LATCH

Signature of water operator

CONSUMER NOTICE

HEALTH EFFECTS OF LEAD

Lead is a common metal found throughout the environment in lead-based paint, air, soil, household dust, and food, certain types of pottery porcelain, pewter, and water. Lead can pose a significant risk to your health if too much of it enters your body. Lead builds up in the body over many years and can cause damage to the brain, red blood cells and kidneys. **The greatest risk is to young children and pregnant women.** Amounts of lead that won't hurt adults can slow down normal mental and physical development of growing bodies. In addition, a child at play often comes into contact with sources of lead contamination-like dirt and dust-that rarely affect an adult. It is important to wash children's hands and toys often, and to try to make sure they only put food into their mouths.

LEAD IN DRINKING WATER

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of infants who drink baby formulas and concentrated juices that are mixed with water. The Environmental Protection Agency (EPA) estimates that drinking water can make up 20 percent or more of a person's total exposure to lead. Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and household plumbing. These materials include lead-based solder used to join copper pipe, brass and chrome plated brass faucets, and in some cases, pipes made of lead that connect your house to the water main (service lines). In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials to 8.0%. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into your drinking water. This means the first water drawn from the tap in the morning, or later in the afternoon after returning from work or school, can contain fairly high levels of lead.

STEPS YOU CAN TAKE TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER

(A) Let the water run from the tap before using it for drinking or cooking any time the water in a faucet has gone unused for more than six hours. The longer water resides in your home's plumbing the more lead it may contain. Flushing the tap means running the cold water faucet until the water gets noticeably colder, usually about 15-30 seconds. If your house has a lead service line to the water main, you may have to flush the water for a longer time, perhaps one minute, before drinking. Although toilet flushing or showering flushes water through a portion of your home's plumbing system, you still need to flush the water in each faucet before using it for drinking or cooking. Flushing tap water is a simple and inexpensive measure you can take to protect your family's health. It usually uses less than one or two gallons of water. To conserve water, fill a couple of bottles for drinking water after flushing the tap, and whenever possible use the first flush water to wash the dishes or water the plants or other than consumptive purposes.
(B) Do not to cook with, or drink water from the hot water tap. Hot water can dissolve more lead more quickly than cold water. If you need hot water, draw water from the cold tap and heat it on the stove.
(C) The steps described above will reduce the lead concentrations in your drinking water. However, if you are still concerned you may wish to purchase bottled water for drinking and cooking.
(D) You can consult a variety of sources for additional information. Your family doctor or pediatrician can perform a blood test for lead and provide you with information about the health effects of lead.

MAXIMUM CONTAMINANT LEVEL GOAL AND LEAD ACTION LEVEL DEFINITIONS

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. The Environmental Protection Agency has set the Maximum Contaminant Level Goal at zero. The MCLG allows for a margin of safety.

Action level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. The Environmental Protection Agency has set the lead action level at 0.015 milligrams per liter (mg/L), or 15 parts of lead per one billion parts of water. The action level is a 90^{th} percentile value calculated from 10 percent of the water system samples with the highest concentration of lead. In order for the action level to be triggered, it requires that 10 percent or more of the water samples exceed 0.015 mg/L of lead.

HELPFUL STATE, LOCAL AND ANALYTICAL AGENCIES

(A) HEBER SPRINGS WATER SYSTEM at 501-362-3422 can provide you with information about your community's water supply, and a list of local laboratories that have been certified by EPA for testing water quality.
(B) The Arkansas Department of Health at 1-800-462-0599 or 1-501-661-2000 and your local County Health Unit can provide you with information about the health effects of lead.
(C) A few laboratories you can call to have your water tested for lead:

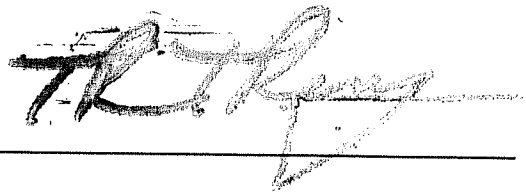
American Interplex Corporation	501-224-5060
Sorrells Research Associates, Inc.	501-562-8139

LEAD AND COPPER SAMPLE REPORT

Batch Number 061214

PWS	SITE NAME	SITE ID	SAMPLE #	TEST DATE	ANALYTE	RESULT	UNI
104	HEBER SPRINGS WATER	104YL016	14101585	06/12/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL016	14101585	06/12/2014	Copper	0.26	mg/l
104	HEBER SPRINGS WATER	104YL020	14101586	06/12/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL020	14101586	06/12/2014	Copper	0.42	mg/l
104	HEBER SPRINGS WATER	104YL021	14101587	06/12/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL021	14101587	06/12/2014	Copper	0.49	mg/l
104	HEBER SPRINGS WATER	104YL022	14101588	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL022	14101588	06/12/2014	Copper	0.34	mg/L
104	HEBER SPRINGS WATER	104YL023	14101589	06/12/2014	Lead	0.009	mg/L
104	HEBER SPRINGS WATER	104YL023	14101589	06/12/2014	Copper	0.85	mg/L
104	HEBER SPRINGS WATER	104YL024	14101590	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL024	14101590	06/12/2014	Copper	<0.20	mg/L
104	HEBER SPRINGS WATER	104YL026	14101591	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL026	14101591	06/12/2014	Copper	0.26	mg/L
104	HEBER SPRINGS WATER	104YL027	14101592	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL027	14101592	06/12/2014	Copper	0.22	mg/L
104	HEBER SPRINGS WATER	104YL031	14101593	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL031	14101593	06/12/2014	Copper	0.39	mg/L
104	HEBER SPRINGS WATER	104YL035	14101594	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL035	14101594	06/12/2014	Copper	0.21	mg/L
104	HEBER SPRINGS WATER	104YL036	14101595	06/12/2014	Lead	0.007	mg/L
104	HEBER SPRINGS WATER	104YL036	14101595	06/12/2014	Copper	0.67	mg/L
104	HEBER SPRINGS WATER	104YL039	14101596	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL039	14101596	06/12/2014	Copper	0.27	mg/L
104	HEBER SPRINGS WATER	104YL051	14101597	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL051	14101597	06/12/2014	Copper	0.29	mg/L
104	HEBER SPRINGS WATER	104YL053	14101598	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL053	14101598	06/12/2014	Copper	<0.20	mg/L
104	HEBER SPRINGS WATER	104YL055	14101599	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL055	14101599	06/12/2014	Copper	<0.20	mg/L
104	HEBER SPRINGS WATER	104YL057	14101600	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL057	14101600	06/12/2014	Copper	0.32	mg/L
104	HEBER SPRINGS WATER	104YL058	14101601	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL058	14101601	06/12/2014	Copper	0.55	mg/L
104	HEBER SPRINGS WATER	104YL059	14101602	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL059	14101602	06/12/2014	Copper	0.97	mg/L
104	HEBER SPRINGS WATER	104YL063	14101603	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL063	14101603	06/12/2014	Copper	0.57	mg/L
104	HEBER SPRINGS WATER	104YL065	14101604	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL065	14101604	06/12/2014	Copper	0.67	mg/L
104	HEBER SPRINGS WATER	104YL066	14101605	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL066	14101605	06/12/2014	Copper	<0.20	mg/L
104	HEBER SPRINGS WATER	104YL089	14101606	06/12/2014	Lead	<0.003	mg/L
104	HEBER SPRINGS WATER	104YL089	14101606	06/12/2014	Copper	0.20	mg/L

CHEMIST/CHEMIST SUPERVISOR

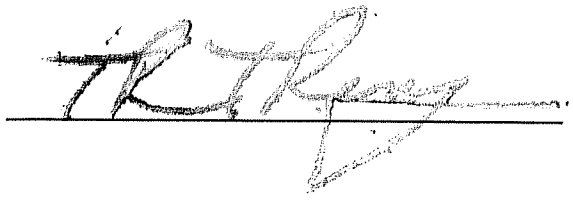


Print Date: Saturday, June 28, 2014

LEAD AND COPPER SAMPLE REPORT

Batch Number 061114

PWS	SITE NAME	SITE ID	SAMPLE #	TEST DATE	ANALYTE	RESULT	UNI
104	HEBER SPRINGS WATER	104YL001	14101577	06/11/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL001	14101577	06/11/2014	Copper	0.31	mg/l
104	HEBER SPRINGS WATER	104YL003	14101578	06/11/2014	Lead	0.005	mg/l
104	HEBER SPRINGS WATER	104YL003	14101578	06/11/2014	Copper	0.40	mg/l
104	HEBER SPRINGS WATER	104YL004	14101579	06/11/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL004	14101579	06/11/2014	Copper	0.54	mg/l
104	HEBER SPRINGS WATER	104YL006	14101580	06/11/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL006	14101580	06/11/2014	Copper	0.36	mg/l
104	HEBER SPRINGS WATER	104YL008	14101581	06/11/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL008	14101581	06/11/2014	Copper	<0.20	mg/l
104	HEBER SPRINGS WATER	104YL011	14101582	06/11/2014	Lead	0.003	mg/l
104	HEBER SPRINGS WATER	104YL011	14101582	06/11/2014	Copper	0.40	mg/l
104	HEBER SPRINGS WATER	104YL013	14101583	06/11/2014	Lead	<0.003	mg/l
104	HEBER SPRINGS WATER	104YL013	14101583	06/11/2014	Copper	0.27	mg/l
104	HEBER SPRINGS WATER	104YL015	14101584	06/11/2014	Lead	0.009	mg/l
104	HEBER SPRINGS WATER	104YL015	14101584	06/11/2014	Copper	1.05	mg/l

CHEMIST/CHEMIST SUPERVISOR 

Print Date: Monday, June 23, 2014

LEAD AND COPPER RULE SAMPLE COLLECTION REPORT

SYSTEM NAME HEBER SPRINGS WATER PWS ID NUMBER 104

LAB NUMBER	SAMPLE SITE NUMBER	DATE/TIME LAST USED	DATE/TIME COLLECTED	DATE ANALYZED	LOCATION PRIMARY/AL	LEAD	COPPER	pH	TURB
1410 1577	YL001	6-2-14 11:45 pm	6-3-14 6:00 Am						
	YL002								
1410 1578	YL003	6-2-14 11:30 pm	6-3-14 7:15 Am						
1410 1579	YL004	6-2-14 8:00 pm	6-3-14 6:36 Am						
	YL005								
1410 1580	YL006	6-2-14 11:45 pm	6-3-14 5:55 Am						
	YL007								
1410 1581	YL008	6-2-14 10:40 pm	6-3-14 5:50 Am						
	YL009								
	YL010								
1410 1582	YL011	6-2-14 10:00 pm	6-3-14 6:00 Am						
	YL012								
1410 1583	YL013	6-2-14 6:00 pm	6-3-14 3:45 Am						
	YL014								
1410 1584	YL015	6-2-14 10:00 pm	6-3-14 6:30 Am						

COMMENTS _____ DATE RECEIVED BY ADH 6-10-14

SUBMITTED BY **(PWS OPERATOR)** Randy White DATE 6-4-2014

SUBMITTED BY (ADH COLLEAGUE) _____ DATE 6-10-14

RECEIVED BY (ADH LAB ANALYST) KM DATE 6-10-14

PRESERVED BY (ADH LAB ANALYST) _____ DATE _____

LEAD AND COPPER RULE SAMPLE COLLECTION REPORT

SYSTEM NAME HEBER SPRINGS WATER PWS ID NUMBER 104

LAB NUMBER	SAMPLE SITE NUMBER	DATE/TIME LAST USED	DATE/TIME COLLECTED	DATE ANALYZED	LOCATION PRIMARY/AL	LEAD	COPPER	pH	TURB
14101585	YL016	6-2-14 11:05 pm	6-3-14 6:05 Am						
	YL017								
	YL018								
	YL019								
14101586	YL020	6-2-14 9:45 pm	6-3-14 4:00 Am						
14101587	YL021	6-2-14 10:45 pm	6-3-14 6:50 Am						
14101588	YL022	6-2-14 9:30 pm	6-3-14 4:00 Am						
14101589	YL023	6-2-14 1:05 Am	6-3-14 8:00 Am						
14101590	YL024	6-3-14 12:00 Am	6-3-14 6:40 Am						
	YL025								
14101591	YL026	6-3-14 12:15 Am	6-3-14 6:15 Am						
14101592	YL027	6-2-14 11:00 pm	6-3-14 8:00 Am						
	YL028								
	YL029								
	YL030								

COMMENTS _____ DATE RECEIVED BY ADH 6-10-14

SUBMITTED BY **(PWS OPERATOR)** Randy White DATE 6-4-2014

SUBMITTED BY (ADH COLLEAGUE) _____ DATE 6-10-14

RECEIVED BY (ADH LAB ANALYST) KM DATE 6-10-14

PRESERVED BY (ADH LAB ANALYST) _____ DATE _____

LEAD AND COPPER RULE SAMPLE COLLECTION REPORT

SYSTEM NAME HEBER SPRINGS WATER PWS ID NUMBER 104

LAB NUMBER	SAMPLE SITE NUMBER	DATE/TIME LAST USED	DATE/TIME COLLECTED	DATE ANALYZED	LOCATION PRIMARY/AL	LEAD	COPPER	pH	TURB
14101593	YL031	6-2-14 11:00 pm	6-3-14 7:30 Am						
	YL032								
	YL033								
	YL034								
14101594	YL035	6-2-14 7:30 pm	6-3-14 5:32 Am						
14101595	YL036	6-3-14 9:00 AM	6-4-14 5:00 pm						
	YL037								
	YL038								
14101596	YL039	6-2-14 10:30 pm	6-3-14 5:40 Am						
	YL040								
	YL041								
	YL042								
	YL043								
	YL044								
	YL045								

COMMENTS _____ DATE RECEIVED BY ADH 6-10-14

SUBMITTED BY **(PWS OPERATOR)** Randy White DATE 6-4-2014

SUBMITTED BY (ADH COLLEAGUE) _____ DATE 6-10-14

RECEIVED BY (ADH LAB ANALYST) Km DATE 6-10-14

PRESERVED BY (ADH LAB ANALYST) _____ DATE _____

LEAD AND COPPER RULE SAMPLE COLLECTION REPORT

SYSTEM NAME HEBER SPRINGS WATER PWS ID NUMBER 104

LAB NUMBER	SAMPLE SITE NUMBER	DATE/TIME LAST USED	DATE/TIME COLLECTED	DATE ANALYZED	LOCATION PRIMARY/AL	LEAD	COPPER	pH	TURB
	YL046								
	YL047								
	YL048								
	YL049								
	YL050								
1410597	YL051	6-2-14 11:00 pm	6-3-14 6:00 Am						
	YL052								
1410598	YL053	6-3-14 1:09 Am	6-3-14 7:20 Am						
	YL054								
1410599	YL055	6-3-14 12:00 Am	6-3-14 6:15 Am						
	YL056								
1410600	YL057	6-3-14 9:15 pm	6-4-14 3:30 Am						
1410601	YL058	6-3-14 8:15 Am	6-3-14 7:35 pm						
1410602	YL059	6-2-14 11:00 pm	6-3-14 6:52 Am						
	YL060								

COMMENTS _____ DATE RECEIVED BY ADH 6-10-14

SUBMITTED BY **(PWS OPERATOR)** Randy White DATE 6-4-2014

SUBMITTED BY (ADH COLLEAGUE) _____ DATE 6-10-14

RECEIVED BY (ADH LAB ANALYST) Kw DATE 6-10-14

PRESERVED BY (ADH LAB ANALYST) _____ DATE _____

LEAD AND COPPER RULE SAMPLE COLLECTION REPORT

SYSTEM NAME HEBER SPRINGS WATER PWS ID NUMBER 104

LAB NUMBER	SAMPLE SITE NUMBER	DATE/TIME LAST USED	DATE/TIME COLLECTED	DATE ANALYZED	LOCATION PRIMARY/AL	LEAD	COPPER	pH	TURB
	YL061								
	YL062								
14101603	YL063	6-2-14 11:30 pm	6-3-14 5:30 Am						
	YL064								
14101604	YL065	6-2-14 11:45 pm	6-3-14 8:56 Am						
14101605	YL066	6-2-14 10:00 pm	6-3-14 10:20 Am						
	YL067								
	YL068								
	YL069								
	YL070								
	YL071								
	YL072								
	YL073								
	YL074								
	YL075								

COMMENTS _____ DATE RECEIVED BY ADH 6-10-14

SUBMITTED BY **(PWS OPERATOR)** Randy White DATE 6-4-2014

SUBMITTED BY (ADH COLLEAGUE) _____ DATE 6-10-14

RECEIVED BY (ADH LAB ANALYST) KM DATE 6-10-14

PRESERVED BY (ADH LAB ANALYST) _____ DATE _____

LEAD AND COPPER RULE SAMPLE COLLECTION REPORT

SYSTEM NAME HEBER SPRINGS WATER PWS ID NUMBER 104

LAB NUMBER	SAMPLE SITE NUMBER	DATE/TIME LAST USED	DATE/TIME COLLECTED	DATE ANALYZED	LOCATION PRIMARY/AL	LEAD	COPPER	pH	TURB
	YL076								
	YL077								
	YL078								
	YL079								
	YL080								
	YL081								
	YL082								
	YL083								
	YL084								
	YL085								
	YL086								
	YL087								
	YL088								
14101606	YL089	6-3-14 3:30 pm	6-3-14 10:30 pm						
	YL090								

COMMENTS _____ DATE RECEIVED BY ADH 6-10-14

SUBMITTED BY **(PWS OPERATOR)** Randy White DATE 6-4-2014

SUBMITTED BY (ADH COLLEAGUE) _____ DATE 6-10-14

RECEIVED BY (ADH LAB ANALYST) _____ DATE 6-10-14

PRESERVED BY (ADH LAB ANALYST) _____ DATE _____