Maidencreek Township Authority

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Blandon, PA 19510
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Sewage Treatment Plant: (610) 926-4140
Fax Treatment Plant: (610) 926-3789

Consumer Notice of Tap Water Results

Dear Customer:

The Maidencreek Township Authority appreciates your participation in the lead and copper tap monitoring program. Please find attached a copy of the lead and copper results for 2013. All values except one lead sample at 208 Blandon Meadows Parkway were below the action levels set by the EPA for lead and copper.

We are happy to report that your results, as well as the 90th percentile value for our water system, is below the lead action level of 15 parts per **billion** and the copper action level of 1.3 parts per **million**.

What Does This Mean?
Under the authority of the Safe Drinking Water Act, EPA set the action level for lead in drinking water at 15 ppb (parts per billion) and a copper action level of 1.3 ppm (parts per million). This means utilities must ensure that water from the customer's tap does not exceed this level in at least 90 percent of the homes sampled (90th percentile value). The action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. If water from the tap does exceed this limit, then the utility must take certain steps to correct the problem. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

What Are The Health Effects of Lead?
Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

What Are The Sources of Lead?
The primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated residential soil. Exposure to lead is a significant health concern, especially for young children and infants whose

growing bodies tend to absorb more lead than the average adult. Although your home's drinking water lead levels were below the action level, if you are concerned about lead exposure, parents should ask their health care providers about testing children for high levels of lead in the blood.

What Can I Do To Reduce Exposure to Lead in Drinking Water?

- ***Run your water to flush out lead.*** If water hasn't been used for several hours, run water for 15-30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking. This flushes lead-containing water from the pipes.
- ***Use cold water for cooking and preparing baby formula.***
- ***Do not boil water to remove lead.***
- ***Look for alternative sources or treatment of water.***
- ***Test your water for lead.***
- ***Identify if your plumbing fixtures contain lead.***

For More Information
Call us at 610 926- 4173. For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at **www.epa.gov/lead**, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Note: This notice is required by the Federal Government and PA State to be sent to all participants in the lead and copper testing program.

MAIDENCREEK TOWNSHIP AUTHORITY
2016 LEAD & COPPER RESULTS

SITE LOCATION	ADDRESS	COPPER PPM	
482A	234 Hope Drive	0.017	
480	32 Marden Drive	0.021	
496	231 Hope Drive	0.022	
499D	180 Faith Drive	0.037	
485D	14 Damascus Drive	0.040	
489	276 Hope Drive	0.047	
488	366 Blandonmeadows Pkwy	0.050	
452	351 Cactus Road	0.051	
491	352 Cassidy Court	0.065	
487	422 Blandonmeadows Pkwy	0.067	
475C	212 Faith Drive	0.073	
493B	325 Cornerstone Drive	0.076	
483D	213 Faith Drive	0.081	
492B	145 Tumbleweed Drive	0.087	
481	22 Judy Drive	0.105	
494D	215 Hope Drive	0.131	
451	149 Tumbleweed Drive	0.136	
486	313 Cornerstone	***0.174***	
495	19 Grove Road	0.215	
490	644 Guldin Drive	0.376	
	90th Percentile Copper	**0.174**	**(Parts Per Million)**
	Action Level for Copper	1.300	(Action Level in PPM)

		LEAD PPB	
475C	212 Faith Drive	*<1*	
480	32 Marden Drive	*<1*	
482A	234 Hope Drive	*<1*	
483D	213 Faith Drive	*<1*	
486	313 Cornerstone	*<1*	
489	276 Hope Drive	*<1*	
490	644 Guldin Drive	*<1*	
499D	180 Faith Drive	*<1*	
481	22 Judy Drive	*<1*	
488	366 Blandonmeadows Pkwy	*<1*	
492B	145 Tumbleweed Drive	*<1*	
493B	325 Cornerstone Drive	*<1*	
494D	215 Hope Drive	*<1*	
496	231 Hope Drive	*<1*	
452	351 Cactus Road	1	
485D	14 Damascus Drive	1	
451	149 Tumbleweed Drive	2	
487	422 Blandonmeadows Pkwy	***2***	
491	352 Cassidy Court	2	
495	19 Grove Road	2	
	90th Percentile Lead	2	**(Parts Per Billion)**
	Action Level for Lead	15	(Action Level in PPB)