Ohio EPA
40 years and moving forward
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 13, 2013

Re: Montgomery County
Aullwood Farm Discovery Center
NTNC Public Water System
PWSID: OH5746812
STU: 5756707

Allwood Farm Discovery Center
1000 Allwood Road
Dayton, Ohio, 45414-1129

Dear Public Water System Owner:

Ohio EPA records indicate that the Aullwood Farm Discovery Center exceeded the secondary maximum contaminant level (SMCL) for fluoride when a sample collected on August 7, 2012 detected fluoride at 3.19 mg/L. The SMCL for fluoride, per Ohio Administrative Code (OAC) 3745-82-02, is 2.0 mg/L.

To address the SMCL violation, the Aullwood Farm Discovery Center is required to take the following actions:

1. ISSUE PUBLIC NOTICE

Within thirty days, issue public notice according to the enclosed instructions. Send the completed verification form and a copy of the public notice to my attention at the address below within ten days after the notice is issued. The enclosed draft public notice contains mandatory language and may be used verbatim. If you wish to make any changes to this draft, telephone this office for verbal authorization before the public notice is issued.

Annual notification is required as outlined above as long as your public water system exceeds the SMCL for fluoride. If you have already issued an annual notice for the calendar year 2012, please complete and send the verification form along with a copy of the public notice to my attention at the Ohio EPA DDAGW, 50 West Town St, Suite 700, PO Box 1049, Columbus, OH, 43216-1049.

You are also required to send a copy of the public notification to the Ohio Department of Health, Bureau of Oral Health Services, 246 North High Street - 5th Floor, P.O. Box 118, Columbus, Ohio 43216-0118 and to the Montgomery County Health Department.

2. FLUORIDE SAMPLING REQUIREMENTS

You are not required to increase your fluoride sampling frequency. Your monitoring frequency remains once every 3 years. Your next fluoride sample needs to be collected between June 1 and October 31, 2015.

Respectfully,

Kathleen Pinto

Kathleen Pinto
Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosure: Public Notice, Verification Form

cc: Montgomery County Health Department
Ohio Department of Health

DRINKING WATER NOTICE
Elevated Fluoride Levels Detected

This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by the Aullwood Farm Discovery Center has a fluoride concentration of 3.19 mg/L as measured on August 7, 2012.

Dental fluorosis in its moderate or severe forms, may result in a brown staining and or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You also may want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

Drinking water containing more than 4 mg/L of fluoride (the U.S. Environmental Protection Agency's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4 mg/L of fluoride, but we're required to notify you when we discover that the fluoride levels in your drinking water exceed 2 mg/L because of this cosmetic dental problem.

For more information, please contact:

_____ at _____ or _____.
name of contact phone number mailing address

Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

PWSID#: OH5746812 STUID#: 5756707 Date distributed _____

PUBLIC NOTICE INSTRUCTIONS AND VERIFICATION FORM FOR NONCOMMUNITY PUBLIC WATER SYSTEMS WITH A FLUORIDE SMCL VIOLATION

The owner or operator of a noncommunity public water system with a Tier 3 violation or situation shall notify the persons served by the public water system as soon as practical but **no later than 30 days** after the system learns of the violation, unless the notice is included with the next bill to customers, then the notice shall be distributed no later than 90 days from the date of the violation. Public notice issued by posting shall remain in place as long as the violation or situation persists. Public notice issued by other methods shall be repeated annually as long as the violation or situation persists. Also, send a copy of the public notice to your local health department and the Ohio Department of Health, Bureau of Oral Health Services.

I HEREBY CERTIFY THAT THE PUBLIC WAS NOTIFIED BY THE FOLLOWING METHOD(S) INDICATED BELOW, AS DESCRIBED IN THE OHIO ADMINISTRATIVE CODE RULE 3745-81-32:

Required Method of Public Notification	Actual Method of Public Notification
Use one or more of the following methods to reach all persons served by the public water system: Public notice issued by posting in conspicuous locations throughout the distribution system (required to remain posted for as long as the violation exists, but in no case less than 7 days). Schools should also send a copy of the notice to the parents of all students. Public notice issued by mail or other direct delivery to each customer and service connection (where known).	**Describe actual methods used to notify public of the violation:** 1A. Dates of posting _____ 1B. Locations of posting _____ _____ _____ 1C. Date of notice to parents _____ 2A. Date of mailing/delivery _____
If the above methods do not reach all persons served, also use any other method reasonably calculated to reach other persons served by the system (e.g. publication in a local newspaper or newsletter, use of e-mail to notify employees or students, or delivery of multiple copies to central locations).	A. Method(s) _____ _____ _____ B. Date(s) _____

Please check if the public notice used was provided by Ohio EPA (other side of this form) or another acceptable notice was used:

____ A public notice as shown on the other side of this sheet was issued without changes.

____ A different public notice was issued. **INCLUDE A COPY OF THE PUBLIC NOTICE.**

_____ Signature of Responsible Person

_____ Date

PWSID: Aullwood Farm Discovery Center
PWSID OH5746812
STUID NUMBER: 5756707
COUNTY: Montgomery
CONTAMINANT/VIOLATION TYPE: F SMCL
MONITORING PERIOD: January 1 to December 31, 2012

For Ohio EPA use only:
Date PN received: _____
PN acceptable: _____ PN not acceptable: _____