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NEW MEXICO
ENVIRONMENT DEPARTMENT

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BUTCH TONGATE
Cabinet Secretary
J.C. BORREGO
Deputy Secretary

February 17, 2017

Fred Whistle
Morningstar Water Supply System, NM3510524
PO Box 5520
Farmington, NM 87499

**RE: Notice of Violation - Stage 2 Disinfection Byproducts Rule
Haloacetic Acids (HAA5) Maximum Contaminant Level**

Dear Fred Whistle:

This letter serves as Notice of Violation that the Morningstar Water Supply System water system exceeded the Locational Running Annual Average (LRAA) maximum contaminant level (MCL) for Haloacetic Acids (HAA5s) at TTHM-1 and HAA5-1 sample point ID's during the 3rd and 4th Quarters 2014, 1st Quarter of 2015 and the 3rd and 4th Quarters of 2016. The LRAA for the Morningstar Water Supply System water system at the TTHM-1 5 Road 3627 and HAA5-1 52 Road 3141 locations are shown in the table below:

Sample Location	Sample Date	Quarter & Year	HAA5 LRAA (mg/L)
TTHM-1 5 Road 3627	No Samples Collected	3rd Quarter 2014	.079
TTHM-1 5 Road 3627	No Samples Collected	4th Quarter 2014	.079
TTHM-1 5 Road 3627	No Samples Collected	1 st Quarter 2015	.079
TTHM-1 5 Road 3627	No Samples Collected	3 rd Quarter 2016	.086
TTHM-1 5 Road 3627	No Samples Collected	4 th Quarter 2016	.160
HAA5-1 52 Road 3141	No samples Collected	1 st Quarter 2015	.076
HAA5-1 52 Road 3141	No Samples Collected	3 rd Quarter 2016	.085
HAA5-1 52 Road 3141	No Samples Collected	4 th Quarter 2016	.158

The MCL for Haloacetic Acids is 0.060 milligrams per liter (mg/L) at each individual sampling location. The MCLs for Haloacetic Acids are defined in the New Mexico Drinking Water Regulations, 20.7.10.100 NMAC (incorporating 40 CFR Section 141.64(b)(2)(i)). The MCLs for Haloacetic Acids are determined by calculating the locational running annual average (LRAA) pursuant to 20.7.10.100 NMAC, (incorporating 40 CFR 141.620(d)).

Based on the exceedance of the MCL for Haloacetic Acids, the New Mexico Environment Department Drinking Water Bureau (DWB) requires the Morningstar Water Supply System water system to notify customers of these MCL exceedances as required in 20.7.10.100 NMAC (incorporating 40 CFR Section 141.203(b)(1) and 141.203(b)(2)). The notice must be provided to all customers and others who drink the water within thirty (30) days of receipt of this letter and must be issued every three (3) months as long as

the exceedances persist. In addition, public notice must be provided by one other method reasonably expected to reach consumers of the water system, i.e., publication in a local newspaper or posting in conspicuous locations. This notice must remain posted as long as the violation persists.

Pursuant to 20.7.10.100 NMAC (incorporating 40 CFR Section 141.31(d)) the Morningstar Water Supply System water system must certify that the notice was published and the method of publication, by submitting a completed copy of the enclosed Public Notification Certification Form to the DWB within 10 days. A representative copy of each type of notice distributed, published, posted or made available to the persons served by the system must be included with the certification form.

Please fill out and return the enclosed Public Notice Certification Form to:

Janice L. Dye, Compliance Officer/Stage 2 DBP Rule Administrator
1277-A S. Second Street
Raton, NM 87740

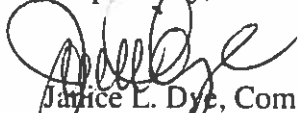
Or by email to jan.dye@state.nm.us

Failure to comply with the public notice requirements will result in an additional violation (failure to notify the public and the state) being issued without notice to the Morningstar Water Supply System water system. Continued failure to comply with Public Notification Requirements, as defined in 20.7.10.100 NMAC (incorporating 40 CFR Sections 141.203 and 141.31(d)) will result in escalated enforcement actions including issuance of Administrative Orders with possible penalties assessed against the Morningstar Water Supply System water system.

Continued violation(s) of the MCL for Haloacetic Acids as defined in the New Mexico Drinking Water Regulations, 20.7.10.100 NMAC (incorporating 40 CFR Section 141.64(b)(1) and 141.133(b)(1)(i)) will result in escalated enforcement action(s) including issuance of Administrative Order(s) with possible penalties assessed against the Morningstar Water Supply System water system.

If you have any questions or need assistance, please call 575-445-3621 or e-mail jan.dye@state.nm.us.

Respectfully,



Janice L. Dye, Compliance Officer/Stage 2 Rule Administrator
Drinking Water Bureau
Water Protection Division

Enclosures: Public Notice Template
Public Notice Certification Form

Cc: Northern Region Supervisor (electronic)
Albuquerque Area Office file
Central Office file
Magneto system file

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Morningstar Water Supply System Has Levels of Haloacetic Acids above Drinking Water Standards

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did (are doing) to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results show that our system exceeds the standard or maximum contaminant level (MCL), for Haloacetic Acids. The standard for Haloacetic Acids is 0.060 mg/L. The average level of Haloacetic Acids over the last quarter is shown in the table below:

Sample Location	Sample Date	Quarter & Year	HAA5 LRAA (mg/L)
TTHM-1 5 Road 3627	No Samples Collected	3rd Quarter 2014	.079
TTHM-1 5 Road 3627	No Samples Collected	4th Quarter 2014	.079
TTHM-1 5 Road 3627	No Samples Collected	1st Quarter 2015	.079
TTHM-1 5 Road 3627	No Samples Collected	3rd Quarter 2016	.086
TTHM-1 5 Road 3627	No Samples Collected	4th Quarter 2016	.160
HAA5-1 52 Road 3141	No samples Collected	1st Quarter 2015	.076
HAA5-1 52 Road 3141	No Samples Collected	3rd Quarter 2016	.085
HAA5-1 52 Road 3141	No Samples Collected	4th Quarter 2016	.158

What should I do?

You do not need to use an alternative (e.g., bottled) water supply. However, if you have specific health concerns, consult your doctor.

What does this mean?

This is not an immediate risk. If it had been, you would have been notified immediately. However, some people who drink water containing Haloacetic Acids in excess of the MCL over many years may have an increased risk of getting cancer. Additionally, some people who drink water containing Haloacetic Acids in excess of the MCL over many years may experience problems with their liver, kidneys or central nervous systems.

What is being done?

[Describe corrective action.] We anticipate resolving the problem within [estimated time frame].

For more information, please contact [name of contact] at [phone number] or [mailing address].

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.



New Mexico Environment Department - Drinking Water Bureau
Public Notification Certification Form – All Tiers
Requirements Pursuant to 40 CFR 141 (Subpart Q)

****This form and a copy of your Notice to the Public must be submitted to the State within 10 days of notifying your customers. ****

PWSID#: NM3510524 **Water System Name:** Morningstar Water Supply System water system
Violation/Situation Date: 3rd and 4th Quarters 2014, 1st Quarter 2015 and 3rd and 4th Quarters 2016

Individual Contaminant/Contaminant Group: HAA5

Violation/Situation Type: MCL HAA5

Violation/Situation Public Notification Tier Level: Tier 2

Distributed the notice by the following method(s), and on the following date(s) in accordance with 40 CFR 141.201:

- | | |
|---|-------------|
| <input type="checkbox"/> Continuously Post | Date: _____ |
| <input type="checkbox"/> Separate Mailing to Customers | Date: _____ |
| <input type="checkbox"/> Hand Deliver Notice to Customers | Date: _____ |
| <input type="checkbox"/> Publish Notice in Newspaper | Date: _____ |
| <input type="checkbox"/> Release Notice to and Announced by Broadcast Media | Date: _____ |
| <input type="checkbox"/> Post Notice on System Website | Date: _____ |
| <input type="checkbox"/> Billing | Date: _____ |
| <input type="checkbox"/> Annual Report (Consumer Confidence Report) | Date: _____ |
| <input type="checkbox"/> Other: _____ | Date: _____ |

Attach a copy of the posted Public Notice(s) to this certification form.

The public water system named above hereby certifies that public notification has been provided to its consumers in accordance with all delivery, content, and format requirements specified in 40 CFR Part 141:

Water System Representative: _____
(Signature) (Print Name) (Phone Number)

Date of Certification: _____

System Name: Morningstar Water Supply System **Staff:** Janice Dye **Supervisor:** Chris Cudia
WSS#: NM3510524 **Data Steward:** Daniel Ramirez **Date:** 2/17/2017
Action Type: 02 **Action (Violation) Type:** SIE SIA
Determination Date: 2/17/2017 **Period(s):** 3Q14, 4Q14, 1Q15, 3Q16 and 4Q16 **Action is associated with a SDWIS Schedule**
Water System Facility #: **Action Status:**

DBPs
 HAA5s
 2943 - BROMODICHLOROMETHANE
 2942 - BROMOFORM
 2941 - CHLOROFORM
 2944 - DIBROMOCHLOROMETHANE
 2950 - HALOACETIC ACIDS
 HAA5s
 2453 - MONOBROMOACETIC ACID
 2454 - DIBROMOACETIC ACID
 2451 - DICHLOROACETIC ACID
 2450 - MONOCHLOROACETIC ACID
 2456 - TOTAL HAA5
 2452 - TRICHLOROACETIC ACID
 RADS
 4002 - GROSS ALPHA, INCL. RADON & U
 4100 - GROSS BETA PARTICLE ACTIVITY
 4020 - RADIUM-226
 4030 - RADIUM-228
 4006 - COMBINED URANIUM (U-MASS)
 4007 - URANIUM-234 (QTRLY)
 4009 - URANIUM-238 (QTRLY)
 4010 - 226 & 228 combined
 1038 - NITRATE & NITRITE
 1040 - NITRATE
 1041 - NITRITE
 1025 - FLUORIDE
 1024 - CYANIDE
 1022 - COPPER
 1030 - LEAD

HEAVY METALS
 1074 - ANTIMONY, TOTAL
 1005 - ARSENIC
 1010 - BARIUM
 1075 - BERYLLIUM, TOTAL
 1015 - CADMIUM
 1020 - CHROMIUM
 1035 - MERCURY
 1036 - NICKEL
 1045 - SELENIUM
 1085 - THALLIUM, TOTAL
 VOCS
 2981 - 1,1,1-TRICHLOROETHANE
 2985 - 1,1,2-TRICHLOROETHANE
 2977 - 1,1-DICHLOROETHYLENE
 2378 - 1,2,4-TRICHLOROBENZENE
 2980 - 1,2-DICHLOROETHANE
 2983 - 1,2-DICHLOROPROPANE
 2990 - BENZENE
 2982 - CARBON TETRACHLORIDE
 2989 - MONOCHLOROBENZENE
 2380 - CIS-1,2-DICHLOROETHYLENE
 2964 - DICHLOROMETHANE
 2992 - ETHYLBENZENE
 2968 - O-DICHLOROBENZENE
 2969 - PARA-DICHLOROBENZENE
 2996 - STYRENE
 2987 - TETRACHLOROETHYLENE
 2991 - TOLUENE
 2979 - TRANS-1,2-DICHLOROETHYLENE
 2984 - TRICHLOROETHYLENE
 2976 - VINYL CHLORIDE
 2955 - XYLENES, TOTAL

SOCS
 2931 - 1,2-DIBROMO-3-
 2063 - 2,3,7,8-TCDD (DIOXIN)
 2110 - 2,4,5-TP
 2105 - 2,4-D
 2050 - ATRAZINE
 2010 - LINDANE (BHC-GAMMA)
 2046 - CARBOURAN
 2959 - CHLORDANE
 2031 - DALAPON
 2035 - DI(2-ETHYLHEXYL) ADIPATE
 2039 - DI(2-ETHYLHEXYL) PHTHALATE
 2041 - DIOSEB
 2032 - DIOLJAT
 2033 - ENDOTHAAL
 2005 - ENDRIN
 2946 - ETHYLENE DIBROMIDE
 2034 - GLYPHOSATE
 2065 - HEPTACHLOR
 2067 - HEPTACHLOR EPOXIDE
 2274 - HEXACHLOROBENZENE
 2042 - HEXACHLOROCPENTADIENE
 2051 - LASSO (ALACHLOR)
 2015 - METHOXYCHLOR
 2036 - OXAMYL (VYDATE)
 2326 - PENTACHLOROPHENOL
 2040 - PICLORAM
 2037 - SIMAZINE
 2383 - TOTAL POLYCHLORINATED
 2020 - TOXAPHENE

Please select the group and/or individual analytes that apply to the above violation type.

Validate Action
 Reject
 Delete (Needs Managers Approval Below)

Comments:

Approval Required for Deleted Violations

Area Supervisor Approval: _____ **Date:** _____
PWSS Manager Approval _____ **Date:** _____

(71) Deliver CCR Violation
 (72) CCR Certification
 (75) Public Notice
 TCR Violation
 GWR Violation
 Other Violation (explain in