

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**  
**Este informe contiene información muy importante sobre su agua potable.**  
**Tradúzcalo o hable con alguien que lo entienda bien**

**City of Holtville Had Levels of Disinfection By-Products  
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 are doing to correct this situation.

The City of Holtville (Holtville) routinely monitors and samples our water for the presence of drinking water contaminants. As part of that monitoring program we test our water system for disinfection-by-products (DBPs) year round at two monitoring locations. The averages of those testing results show that our system exceeds the local running annual average (LRAA) maximum contaminant level (MCL) for total trihalomethanes (TTHM) and haloacetic acids (HAA5), both of which are DBPs. The current standard for TTHM is 80 parts per billion (80 ppb) and HAA5 is 60 ppb.

Since the 3<sup>rd</sup> quarter of 2010, the City of Holtville has exceeded the TTHM MCL for 26 consecutive quarters. Tables 1 & 2 below show the TTHM LRAA levels for the period between the 3<sup>rd</sup> quarter of 2014 and the 3<sup>rd</sup> quarter 2016. Table 1 shows the monitoring results for the sample location on Underwood Rd. As indicated in Table 1 the current LRAA at this location is 82 ppb, which is greater than the TTHM MCL of 80 ppb. Table 2 shows the monitoring results for the sample location on Anderholt Rd. As indicated in Table 2 the current LRAA at this location is 80 ppb, which is equal to, but not greater than the TTHM MCL of 80 ppb.

Table 1: Site 9 TTHM

	TTHM in ppb								
	2014		2015				2016		
Site	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr
Site 9: Hydrant on Underwood	110	83	86	110	140	77	65	93	92
<b>LRAA</b>	<b>94</b>	<b>94</b>	<b>93</b>	<b>97</b>	<b>105</b>	<b>103</b>	<b>98</b>	<b>94</b>	<b>82</b>

Table 2: Site 10 TTHM

	TTHM in ppb								
	2014		2015				2016		
Site	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr
Site 10: Hydrant on Anderholt	130	84	88	110	140	80	66	91	83
<b>LRAA</b>	<b>93</b>	<b>96</b>	<b>99</b>	<b>103</b>	<b>106</b>	<b>105</b>	<b>99</b>	<b>94</b>	<b>80</b>

Tables 3 & 4 below show the HAA5 LRAA levels for the period between the 3<sup>rd</sup> quarter of 2014 and the 3<sup>rd</sup> quarter 2016. Tables 3 & 4 show that for two consecutive quarters, 1<sup>st</sup> and 2<sup>nd</sup> quarters of 2016, the HAA5 levels at both monitoring locations have exceeded the HAA5 MCL. Table 3 shows the HAA5 monitoring results for the sample location on Underwood Rd. As indicated in Table 3 the current LRAA at this location is 56 ppb, which is less than the HAA5 MCL of 60 ppb. Table 4 shows the HAA5 monitoring results for the sample location on Anderholt Rd. As indicated in Table 4 the current LRAA at this location is 55 ppb, which is less than the HAA5 MCL of 60 ppb.

Table 3: Site 9 HAA5

	HAA5 in ppb								
	2014		2015				2016		
Site	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr
Site 9: Hydrant on Underwood	59	23	21	19	58	110	89	9	14
<b>LRAA</b>	44	42	35	31	30	52	<b>69</b>	<b>67</b>	56

Table 4: Site 10 HAA5

	HAA5 in ppb								
	2014		2015				2016		
Site	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr
Site 10: Hydrant on Anderholt	59	29	30	19	63	110	85	12	14
<b>LRAA</b>	44	45	42	34	35	52	<b>69</b>	<b>66</b>	55

### What should I do?

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

This is not an immediate risk. If it had been you would have been notified immediately.

### What are Disinfection-By-Products (DBPs) and why do they matter?

The California State Water Resources Control Board Division of Drinking Water sets drinking water standards and requires the disinfection of drinking water. However, when disinfectants are used in the treatment of drinking water they react with naturally occurring organic and inorganic matter present in the water to form disinfection-by-products (DBPs). The Division has determined that a number of DBPs are a health concern at certain levels of exposure. Certain DBPs including some trihalomethanes (THMs) and some haloacetic acids (HAAs), have been shown to cause cancer in laboratory animals. Other DBPs have been shown to affect the liver, the nervous system, and cause reproductive or developmental effects in laboratory animals. Exposure to certain DBPs may produce similar effects in people. The Division has set standards, Maximum Contaminant Levels (MCLs) to limit exposure to THMs, HAAs, and other DBPs.

## **What is being done?**

The City of Holtville has continued working with DDW officials to implement effective chlorine application strategies at its water treatment facility in order to try to mitigate TTHM formation in the water storage tanks.

Furthermore, City of Holtville public works staff has continued to maintain a proactive dead-end water main flushing program in order to reduce stagnant water and DBP formation in these sections of the water distribution system.

Finally, the City of Holtville is currently working with consulting engineers to design/construct aeration system upgrades to the existing storage tanks with the ultimate objective of removing Disinfection Byproducts prior to entering the water distribution system.

The City of Holtville will continue to diligently keep the citizens of Holtville informed of our progress regarding these matters.

For more information, please contact Frank Cornejo, Waterworks Supervisor, at (760) 356-3186.

This notice is being sent to you by the City of Holtville Water Treatment Plant State Water System ID # 1310015.

Date of distribution:\_\_\_\_\_.