



CITY of NAPA

www.cityofnapa.org

December 14, 2015

Sheri Miller, P.E.
Mendocino District Engineer
State Water Resources Control Board
Division of Drinking Water
50 D Street, Suite 200
Santa Rosa, CA 95404

EDWARD I. BARWICK
JAMIESON CANYON WATER TREATMENT PLANT
PUBLIC WORKS DEPARTMENT
270 Kirkland Ranch Road
P.O. Box 660
Mailing Address:
P.O. Box 660
Napa, California 94559-0660
Phone: 707-253-0822
Fax: 707-253-1225
TTY: (707) 257-9506

RE: City of Napa, October 2015 Citation #: 02-03-15C002; Certification of Compliance for Public Notification(s) and OEL Completion

Dear Ms. Miller,

This letter confirms the City of Napa has completed the Public Notifications and Completed OEL Forms for the October 2015 Citation #: 02-03-15C002 as specified in the Certification of Compliance Appendix 3 for 770 Jackson Street, 2442 Allegheny Drive, 3278 Stonebridge Drive and 1072 Darms Lane. A copy of the updated Certification of Compliance is included for your reference. As approved, the City of Napa has completed the limited scope of OE Reporting forms for 770 Jackson Street, 2442 Allegheny Drive, 3278 Stonebridge Court, and 1072 Darms Lane.

As previously indicated we finalized the installation of the aerator/blower system in the Hennessey Finished Tank on Friday, August 21, 2015 and have seen vast improvements in the finished tank THM results. The "A" Tank installation, located within the distribution system, was completed on October 12th. Our EIB JCWTP is in operation and we currently have excellent NBA source water quality. We hope the excellent water quality combined with our aggressive storage tank turnover and the "A" Tank installation will provide THM results similar to the Hennessey installation.

In addition, we have started unidirectional hydrant flushing that was suspended last year due to water system challenges following the earthquake. To verify flushing region effectiveness, we are performing additional water quality parameter testing throughout the duration of the hydrant flushing program.

We appreciate your review of the attached materials and if you have any questions or concerns, please call (707) 253-0822.

Respectfully submitted,



Erin Kebbas
Water Quality Manager

Attachments:

1. Certification of Compliance, Appendix 3
2. Copy of Public Notification as Mailed via USPS
3. Screen Shot of City of Napa Webpage Link for Public Notification for Residents
4. City of Napa OE Reporting Forms
5. Limited OE Scope Approval Email

Cc (via email): Joy Eldredge, Water General Manager
Bob Janowski, Water Treatment Manager
Amy Little, SWRCB Associate Sanitary Engineer

CERTIFICATION OF COMPLIANCE

Citation Number 02-03-15C002

Name of Water System: City of Napa

System Number: 2810003

Certification

As required by Section 64463.4 of the California Code of Regulations, I certify that the identified users of the water supplied by the **City of Napa** were notified of the violations of Title 22, California Code of Regulations (CCR) for the compliance period ending in the 1st Quarter 2015. In addition, I certify that the City of Napa has complied with the directives of this citation as indicated below:

Required Action	Date Completed
Public Notification – Mail or Hand Delivery by 12/31/2015*	12-07-15
Public Notification – Newspaper or Internet by 12/31/2015*	12-07-15

Eric Kellas
 Signature of Water System Representative

12.11.15
 Date

**Attach a copy of the notice delivered to customers and a copy of the notice published in the newspaper or internet.*

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT BY
 January 10, 2016**

Disclosure: Be advised that Section 116725 and 116730 of the California Health and Safety Code states that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in county jail not to exceed one year, or by both the fine and imprisonment.

02-03-15C002



IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER in accordance with the Drinking Water Disinfection Byproduct Rule – Stage II

Este informe contiene información muy importante sobre su agua potable.
Para información en español sobre este artículo, por favor llame al 707-258-7899 y oprima
extensión #7743 en cuanto escuche la grabación

City of Napa Has Detected Levels of Disinfection Byproducts Above Drinking Water Standards

As a follow up to the notification letter you received regarding our July 2015 sampling event for disinfection byproducts, our recent round of quarterly compliance sampling in your area took place on October 7th. The annual average of trihalomethanes in your area is 89.35 *ug/L* which is above the target level of 80 *ug/L*, and we are required to notify you of this information. As our customers, we want you to know what happened, what you should do, and what we are doing to correct this situation.

What happened?

To protect drinking water from disease-causing organisms, or pathogens, chlorine is added to drinking water as a disinfectant. However, disinfection byproducts can form when organic-rich water, is disinfected. A major challenge for the City of Napa and all municipal water systems is how to control and limit risks from pathogens and simultaneously minimize disinfection byproduct formation. Disinfection byproducts form when naturally-occurring organic matter that is present in our surface water supplies reacts with chlorine in the water system. In northern California, winter rains wash leaves and debris into the creeks and streams that make up our surface water supplies. During winter rains the levels of organic matter are highest, especially after extended drought periods when the matter has accumulated in the watersheds over a longer period of time.

We routinely monitor for the presence of drinking water contaminants throughout the entire water system. As of October 2012, the standard that applies to the City of Napa's system for disinfection byproducts changed significantly. The maximum limit for the annual average of trihalomethanes at each location is 80 micrograms per liter (*ug/L*).

What should I do?

No specific corrective actions are needed. You do not need to boil your water. However, if you have specific health concerns, consult your doctor.



What does this mean?

This is not an emergency. If it had been, we would have notified you immediately. The scientific study that is the basis for this regulation showed that some people who drink 2 liters (more than a half-gallon) of water every day containing disinfection byproducts in excess of the maximum limit over a 70-year period may experience liver, kidney, or central nervous system problems, and may have an increased risk of getting cancer. These diseases, however, are not caused solely by chemicals in drinking water, but result from many other factors. Scientists continue to study disinfection byproducts to better understand potential health effects.

What is being done?

We continually work to protect the watersheds and our source water quality with the goal of minimizing organic content in the water. We are working to reduce the detention time in the water system before it reaches your tap so that there is less time for the byproducts to form. This is more challenging during drought years since people are using less water due to the state mandate. Meanwhile it is important that we have ample water stored in our tanks to provide water for emergency fire-flow purposes or to maintain water supply in case a major pipeline needs to be repaired. We have modified our system operations to make sure that all tank levels are drawn down and refilled every day to insure the water does not age. We have also installed mixers in our tanks to keep the water moving.

Since the October 2015 sampling event we completed installation of an aerator in our Alston "A" Tank to help volatilize disinfection byproducts out of the water. There is also an aerator in the Hennessey finished water tank that came online just before the October sampling event.

Our unidirectional hydrant flushing program was suspended last year due to water system challenges lasting six months after the earthquake. However it will be performed this winter. This is an essential maintenance activity to clean and flush the mains to remove sediment and particulate matter that can build up in the pipes. The schedule and more information about flushing can be found on our website listed at the end of this notice.

In the long term we are working to develop sufficient funds to upgrade our water treatment process which may include granular activated carbon (GAC) however it is very costly upfront and has high ongoing costs (over a million dollars per year) for regeneration of the media. Our current water rates cannot support that cost and we will continue to explore all options to reduce trihalomethanes and carefully weigh the costs and benefits. We will continue to inform you on a quarterly basis if the problem persists and results for areas out of compliance will be posted on our website.



Secondary Notification Requirements

Please share this information with all the other people who drink this water, especially those who may not have received this public notice directly (for example, people in apartments, nursing homes, schools, and businesses).



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As a follow up to the notification letter you received regarding our July 2015 sampling event for disinfection byproducts, our recent round of quarterly compliance sampling in your area took place on October 7th. The annual average of trihalomethanes in your area is 91.85 ug/L which is above the target level of 80 ug/L, and we are required to notify you of this information. As our customers, we want you to know what happened, what you should do, and what we are doing to correct this situation.

What happened?

To protect drinking water from disease-causing organisms, or pathogens, chlorine is added to drinking water as a disinfectant. However, disinfection byproducts can form when organic-rich water, is disinfected. A major challenge for the City of Napa and all municipal water systems is how to control and limit risks from pathogens and simultaneously minimize disinfection byproduct formation. Disinfection byproducts form when naturally-occurring organic matter that is present in our surface water supplies reacts with chlorine in the water system. In northern California, winter rains wash leaves and debris into the creeks and streams that make up our surface water supplies. During winter rains the levels of organic matter are highest, especially after extended drought periods when the matter has accumulated in the watersheds over a longer period of time.

We routinely monitor for the presence of drinking water contaminants throughout the entire water system. As of October 2012, the standard that applies to the City of Napa's system for disinfection byproducts changed significantly. Samples are taken quarterly or every three months and averaged over a year to determine if they are in compliance. The maximum limit for the annual average of trihalomethanes at each location is 80 micrograms per liter (ug/L). The annual average including the recent October 2015 results for trihalomethanes in your area was 91.85 ug/L and therefore requires this notification.



What should I do?

No specific corrective actions are needed. You do not need to boil your water. However, if you have specific health concerns, consult your doctor.

What does this mean?

This is not an emergency. If it had been, we would have notified you immediately. The scientific study that is the basis for this regulation showed that some people who drink 2 liters (more than a half-gallon) of water every day containing disinfection byproducts in excess of the maximum limit over a 70-year period may experience liver, kidney, or central nervous system problems, and may have an increased risk of getting cancer. These diseases, however, are not caused solely by chemicals in drinking water, but result from many other factors. Scientists continue to study disinfection byproducts to better understand potential health effects.

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Our unidirectional hydrant flushing program was suspended last year due to water system challenges lasting six months after the earthquake. However it will be performed in your area this winter. This is an essential maintenance activity to clean and flush the mains to remove sediment and particulate matter that can build up in the pipes. The schedule and more information about flushing can be found on our website listed at the end of this notice.

In the long term we are working to develop sufficient funds to upgrade our water treatment process which may include granular activated carbon (GAC) however it is very costly upfront and has high ongoing costs (over a million dollars per year) for



regeneration of the media. Our current water rates cannot support that cost and we will continue to explore all options to reduce trihalomethanes and carefully weigh the costs and benefits. We will continue to inform you on a quarterly basis if the problem persists and results for areas out of compliance will be posted on our website.

For more information, please call (707) 253-0822 and ask to speak with Erin Kebbas Water Quality Manager for the City of Napa. The mailing address is PO Box 660, Napa, CA 94559-0660 or visit www.cityofnapa.org/water for more information and FAQs.

This notice is being sent to you by the City of Napa.

State Water System ID#: 2810003

Date distributed: December 7, 2015





Potentially Affected Area

Secondary Notification Requirements

Please share this information with all the other people who drink this water, especially those who may not have received this public notice directly (for example, people in apartments, nursing homes, schools, and businesses).



IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER in accordance with the Drinking Water Disinfection Byproduct Rule – Stage II

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extensión #7743 en cuanto escuche la grabación

City of Napa Has Detected Levels of Disinfection Byproducts Above Drinking Water Standards

Our water system recently exceeded a new drinking water standard for trihalomethanes in the vicinity of your service meter. As our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

What happened?

To protect drinking water from disease-causing organisms, or pathogens, chlorine is added to drinking water as a disinfectant. However, disinfection byproducts can form when organic-rich water, is disinfected. A major challenge for the City of Napa and all municipal water systems is how to control and limit risks from pathogens and simultaneously minimize disinfection byproduct formation. Disinfection byproducts form when naturally-occurring organic matter that is present in our surface water supplies reacts with chlorine in the water system. In northern California, winter rains wash leaves and debris into the creeks and streams that make up our surface water supplies. During winter rains the levels of organic matter are highest, especially after extended drought periods when the matter has accumulated in the watersheds over a longer period of time.

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What should I do?

No specific corrective actions are needed. You do not need to boil your water. However, if you have specific health concerns, consult your doctor.



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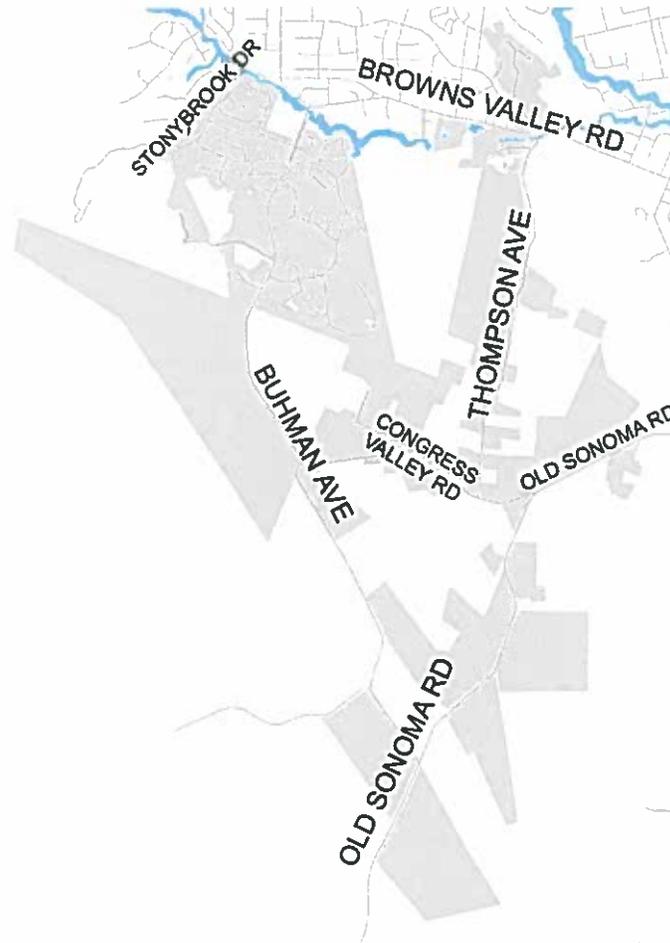


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Potentially Affected Area



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CITY of NAPA

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in accordance with the Drinking Water Disinfection Byproduct Rule –
Stage II**

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**City of Napa Has Detected Levels of Disinfection Byproducts
Above Drinking Water Standards**

Our recent round of quarterly disinfection byproduct compliance sampling in your area took place on October 7th. The annual average of trihalomethanes in your area is 96.90 *ug/L* which is above the target level of 80 *ug/L*, and we are required to notify you of this information. As our customers, we want you to know what happened, what you should do, and what we are doing to correct this situation.

What happened?

To protect drinking water from disease-causing organisms, or pathogens, chlorine is added to drinking water as a disinfectant. However, disinfection byproducts can form when organic-rich water, is disinfected. A major challenge for the City of Napa and all municipal water systems is how to control and limit risks from pathogens and simultaneously minimize disinfection byproduct formation. Disinfection byproducts form when naturally-occurring organic matter that is present in our surface water supplies reacts with chlorine in the water system. In northern California, winter rains wash leaves and debris into the creeks and streams that make up our surface water supplies. During winter rains the levels of organic matter are highest, especially after extended drought periods when the matter has accumulated in the watersheds over a longer period of time.

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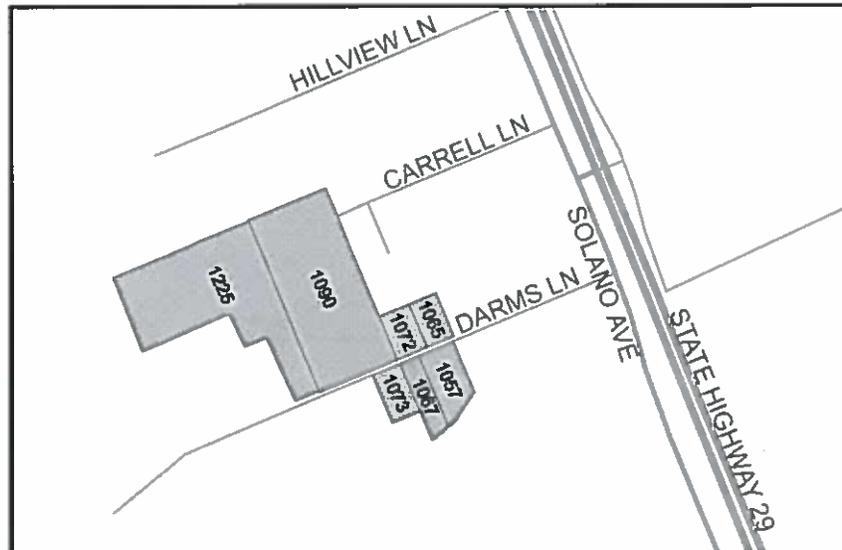


CITY of NAPA

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State Water System ID#: 2810003

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Potentially Affected Area

Secondary Notification Requirements

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Water Quality Information

Water customers in portions of Darms Lane, Downtown Napa, Congress Valley, and the Northwest Napa/Alston Park vicinity received a notification letter from the City of Napa Water Division in early December 2015 about the presence of disinfection byproducts in their drinking water. The particular byproducts involved are Trihalomethanes (THMs).

These notifications, along with earlier similar notices, have led to inquiries to the Water Division for more information. Water Division staff have spoken at length with many customers about the complex nature of the new water quality regulation (called DPMR-II, or Stage II of the Disinfection Byproduct Rule), the presence of THMs, the causes of THMs, and steps the Water Division has been taking to prevent their formation, as well as future plans for prevention of THM formation. No specific corrective actions are needed by customers. There is NO NEED TO BOIL WATER.

The Water Division held a public meeting on May 6, 2015, to discuss water system operations and preventative measures and answer questions. Dr. Bruce MacIver, a drinking water toxicology specialist from EPA Region IX, was on hand along with City staff. [Click to view a recording of this meeting.](#)

FAQs, notifications, and other correspondence

- [State Water Resources Control Board Original Citation February 27, 2015](#)
- [City of Napa Response to Original Citation April 10, 2015](#)
- [City of Napa Response to July 2015 Citation-September 8, 2015](#)
- [Public Notification Darms Lane December 7, 2015](#)
- [Public Notification Jackson Street/Downtown December 7, 2015](#)
- [Public Notification-Congress Valley December 7, 2015](#)
- [Public Notification Northwest Napa/Alston Park December 7, 2015](#)

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From: [Redacted]
 To: [Redacted]
 Subject: [Redacted]

Operational Evaluation Reporting Form

I. GENERAL INFORMATION

A. Facility Information

Facility Name: City of Napa PWSID: CA2810003
 Facility Address: PO Box 660
 City: Napa State: CA Zip: 94559

B. Report Prepared by:

(Print): Erin Kebbas Date prepared: 12-11-15
 (Signature): *Erin Kebbas*
 Contact Telephone Number: (707) 253-0822

II. MONITORING RESULTS

A. Provide the Compliance Monitoring Site(s) where the OEL was Exceeded.

770 Jackson Street (2810003-008)

Note: The site name or number should correspond to a site in your Stage 2 DBPR compliance monitoring plan.

B. Monitoring Results for the Site(s) Identified in II.A (include duplicate pages if there was more than one exceedance)

1. Check TTHM or HAA5 to indicate which result caused the OEL exceedance. TTHM HAA5

2. Enter your results for TTHM or HAA5 (whichever you checked above).

	Quarter			Operational Evaluation Value
	Results from Two Quarters Ago	Prior Quarter's Results	Current Quarter	
	A	B	C	
Date sample was collected	04-01-15	07-21-15	10-07-15	$D = (A+B+(2*C))/4$
TTHM (mg/L)	77.7	85.0	96.2	88.78
HAA5 (mg/L)	14.0	26.0	11.3	15.65

Note: The operational evaluation value is calculated by summing the two previous quarters of TTHM or HAA5 values plus twice the current quarter value, divided by four. If the value exceeds 0.080 mg/L for TTHM or 0.060 mg/L for HAA5, an OEL exceedance has occurred.

C. Has an OEL exceedance occurred at this location in the past? Yes No

If NO, proceed to item D. If YES, when did exceedance occur? July 2015

Was the cause determined for the previous exceedance(s)? Yes No

Are the previous evaluations/determinations applicable to the current OEL exceedance? Yes No

III. OPERATIONAL EVALUATION FINDINGS

A. Did the State allow you to limit the scope of the operational evaluation? Yes No
 If NO, proceed to item B. If YES, attach written correspondence from the State.

B. Did the distribution system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item C. If YES or POSSIBLY, explain (attach additional pages if necessary):
Sample is collected in high demand area and will be evaluated for adequate representation based on hydraulic modeling and additional Stage 2 sample location in same zone with significantly lower THM values

C. Did the treatment system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item D. If YES or POSSIBLY, explain (attach additional pages if necessary):

D. Did source water quality cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item E. If YES or POSSIBLY, explain (attach additional pages if necessary):
Due to continuing, potential drought conditions, NBA water was maximized so as to preserve local reservoirs in addition to public conservation efforts coupled with low seasonal distribution demands.

E. Attach all supporting operational or other data that support the determination of the cause(s) of your OEL exceedance(s).

F. If you are unable to determine the cause(s) of the OEL exceedance(s), list the steps that you can use to better identify the cause(s) in the future (attach additional pages if necessary):
We are continually comparing our hydraulic model and water quality data for verification.

G. List steps that could be considered to minimize future OEL exceedances (attach additional pages if necessary)
We are currently working to minimize future OEL exceedances through hydraulic modeling, additional water quality testing, storage tank improvements and treatment plant operations.

H. Total Number of Pages Submitted, Including Attachments and Checklists: _____

Operational Evaluation Reporting Form

I. GENERAL INFORMATION

A. Facility Information

Facility Name: City of Napa PWSID: CA2810003
 Facility Address: PO Box 660
 City: Napa State: CA Zip: 94559

B. Report Prepared by:

(Print): Erin Kebbas Date prepared: 12-11-15
 (Signature): *Erin Kebbas*
 Contact Telephone Number: (707) 253-0822

II. MONITORING RESULTS

A. Provide the Compliance Monitoring Site(s) where the OEL was Exceeded.

2442 Allegheny Drive (2810003-011)

Note: The site name or number should correspond to a site in your Stage 2 DBPR compliance monitoring plan.

B. Monitoring Results for the Site(s) Identified in II.A (include duplicate pages if there was more than one exceedance)

1. Check TTHM or HAA5 to indicate which result caused the OEL exceedance. TTHM HAA5

2. Enter your results for TTHM or HAA5 (whichever you checked above).

	Quarter			Operational Evaluation Value
	Results from Two Quarters Ago	Prior Quarter's Results	Current Quarter	
	A	B	C	$D = (A+B+(2*C))/4$
Date sample was collected	04-01-15	07-21-15	10-07-15	
TTHM (mg/L)	81.5	83.0	96.3	89.27
HAA5 (mg/L)	7.3	19.0	11.0	12.08

Note: The operational evaluation value is calculated by summing the two previous quarters of TTHM or HAA5 values plus twice the current quarter value, divided by four. If the value exceeds 0.080 mg/L for TTHM or 0.060 mg/L for HAA5, an OEL exceedance has occurred.

C. Has an OEL exceedance occurred at this location in the past? Yes No

If NO, proceed to item D. If YES, when did exceedance occur? July 2015

Was the cause determined for the previous exceedance(s)? Yes No

Are the previous evaluations/determinations applicable to the current OEL exceedance? Yes No

III. OPERATIONAL EVALUATION FINDINGS

A. Did the State allow you to limit the scope of the operational evaluation? Yes No
 If NO, proceed to item B. If YES, attach written correspondence from the State.

B. Did the distribution system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item C. If YES or POSSIBLY, explain (attach additional pages if necessary):
System hydraulic modeling indicates average residence times with detectable chlorine residuals surrounding location.

C. Did the treatment system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item D. If YES or POSSIBLY, explain (attach additional pages if necessary):

D. Did source water quality cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item E. If YES or POSSIBLY, explain (attach additional pages if necessary):
Due to continuing, potential drought conditions, NBA water was maximized so as to preserve local reservoirs in addition to public conservation efforts coupled with low seasonal distribution demands.

E. Attach all supporting operational or other data that support the determination of the cause(s) of your OEL exceedance(s).

F. If you are unable to determine the cause(s) of the OEL exceedance(s), list the steps that you can use to better identify the cause(s) in the future (attach additional pages if necessary):
We are currently comparing our hydraulic model and water quality data for verification.

G. List steps that could be considered to minimize future OEL exceedances (attach additional pages if necessary)
We are currently working to minimize future OEL exceedances through hydraulic modeling, additional water quality testing, storage tank improvements and treatment plant operations.

H. Total Number of Pages Submitted, Including Attachments and Checklists: _____

Operational Evaluation Reporting Form

ATTACHMENT B

I. GENERAL INFORMATION (Report is due within 90 days of OEL exceedance)

A. Facility Information

Facility Name: City of Napa PWSID: CA2810003
 Facility Address: PO Box 660
 City: Napa State: CA Zip: 94559

B. Report Prepared by:

(Print): Erin Kebbas Date prepared: 12-11-15
 (Signature): *Erin Kebbas*
 Contact Telephone Number: (707) 253-0822

II. MONITORING RESULTS

A. Provide the Compliance Monitoring Site(s) where the OEL was Exceeded.

3278 Stonebridge Court (2810003-012)

Note: The site name or number should correspond to a site in your Stage 2 DBPR compliance monitoring plan.

B. Monitoring Results for the Site(s) identified in II.A (include duplicate pages if there was more than one exceedance)

1. Check TTHM or HAA5 to indicate which result caused the OEL exceedance. TTHM HAA5

2. Enter your results for TTHM or HAA5 (whichever you checked above).

	Quarter			Operational Evaluation Value
	Results from Two Quarters Ago	Prior Quarter's Results	Current Quarter	
	A	B	C	$D = (A+B+(2*C))/4$
Date sample was collected	04-01-15	07-21-15	10-07-15	
TTHM (mg/L)	77.5	80.0	88.3	83.53
HAA5 (mg/L)	14.0	38.0	10.8	18.40

Note: The operational evaluation value is calculated by summing the two previous quarters of TTHM or HAA5 values plus twice the current quarter value, divided by four. If the value exceeds 0.080 mg/L for TTHM or 0.060 mg/L for HAA5, an OEL exceedance has occurred.

C. Has an OEL exceedance occurred at this location in the past? Yes No

If NO, proceed to item D. If YES, when did exceedance occur? July 2015

Was the cause determined for the previous exceedance(s)? Yes No

Are the previous evaluations/determinations applicable to the current OEL exceedance? Yes No

III. OPERATIONAL EVALUATION FINDINGS

A. Did the State allow you to limit the scope of the operational evaluation? Yes No
 If NO, proceed to Item B. If YES, attach written correspondence from the State.

B. Did the distribution system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to Item C. If YES or POSSIBLY, explain (attach additional pages if necessary):
System hydraulic modeling indicates high residence times with low chlorine residual surrounding location.

C. Did the treatment system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to Item D. If YES or POSSIBLY, explain (attach additional pages if necessary):

D. Did source water quality cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to Item E. If YES or POSSIBLY, explain (attach additional pages if necessary):
Due to continuing, potential drought conditions, NBA water was maximized so as to preserve local reservoirs in addition to public conservation efforts coupled with low seasonal distribution demands.

E. Attach all supporting operational or other data that support the determination of the cause(s) of your OEL exceedance(s).

F. If you are unable to determine the cause(s) of the OEL exceedance(s), list the steps that you can use to better identify the cause(s) in the future (attach additional pages if necessary):
We are continually comparing our hydraulic model and water quality data for verification.

G. List steps that could be considered to minimize future OEL exceedances (attach additional pages if necessary) and describe the timeline for these steps to be implemented.
We are currently working to minimize future OEL exceedances through hydraulic modeling, Additional water quality testing, storage tank improvements and treatment plant operations.

H. Total Number of Pages Submitted, Including Attachments and Checklists: _____

Operational Evaluation Reporting Form

I. GENERAL INFORMATION

A. Facility Information

Facility Name: City of Napa PWSID: CA2810003
 Facility Address: PO Box 660
 City: Napa State: CA Zip: 94559

B. Report Prepared by:

(Print): Erin Kebbas Date prepared: 12-11-15
 (Signature): *Erin Kebbas*
 Contact Telephone Number: (707) 253-0822

II. MONITORING RESULTS

A. Provide the Compliance Monitoring Site(s) where the OEL was Exceeded.

1072 Darms Lane (2810003-024)

Note: The site name or number should correspond to a site in your Stage 2 DBPR compliance monitoring plan.

B. Monitoring Results for the Site(s) Identified in II.A (include duplicate pages if there was more than one exceedance)

1. Check TTHM or HAA5 to indicate which result caused the OEL exceedance. TTHM HAA5

2. Enter your results for TTHM or HAA5 (whichever you checked above).

	Quarter			Operational Evaluation Value
	Results from Two Quarters Ago	Prior Quarter's Results	Current Quarter	
	A	B	C	$D = (A+B+(2*C))/4$
Date sample was collected	04-01-15	07-21-15	10-07-15	
TTHM (mg/L)	93.7	90.0	99.3	95.58
HAA5 (mg/L)	9.7	20.0	21.7	18.28

Note: The operational evaluation value is calculated by summing the two previous quarters of TTHM or HAA5 values plus twice the current quarter value, divided by four. If the value exceeds 0.080 mg/L for TTHM or 0.060 mg/L for HAA5, an OEL exceedance has occurred.

C. Has an OEL exceedance occurred at this location in the past? Yes No

If NO, proceed to item D. If YES, when did exceedance occur? July 2105

Was the cause determined for the previous exceedance(s)? *potentially* Yes No

Are the previous evaluations/determinations applicable to the current OEL exceedance? Yes No

III. OPERATIONAL EVALUATION FINDINGS

A. Did the State allow you to limit the scope of the operational evaluation? Yes No
 If NO, proceed to item B. If YES, attach written correspondence from the State.

B. Did the distribution system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item C. If YES or POSSIBLY, explain (attach additional pages if necessary):
System hydraulic modeling indicates abnormally high residence times with detectable chlorine residuals surrounding location.

C. Did the treatment system cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item D. If YES or POSSIBLY, explain (attach additional pages if necessary):

D. Did source water quality cause or contribute to your OEL exceedance(s)? Yes No
 Possibly
 If NO, proceed to item E. If YES or POSSIBLY, explain (attach additional pages if necessary):
Due to continuing, potential drought conditions, NBA water was maximized so as to preserve local reservoirs in addition to public conservation efforts coupled with low seasonal distribution demands.

E. Attach all supporting operational or other data that support the determination of the cause(s) of your OEL exceedance(s).

F. If you are unable to determine the cause(s) of the OEL exceedance(s), list the steps that you can use to better identify the cause(s) in the future (attach additional pages if necessary):
We are continually comparing our hydraulic model and water quality data for verification.

G. List steps that could be considered to minimize future OEL exceedances (attach additional pages if necessary)
We are currently working to minimize future OEL exceedances through hydraulic modeling, additional water quality testing, storage tank improvements and treatment plant operations.

H. Total Number of Pages Submitted, Including Attachments and Checklists: _____

Kebbas, Erin

From: Miller, Sheri@Waterboards <Sheri.Miller@waterboards.ca.gov>
Sent: Wednesday, November 18, 2015 12:31 PM
To: Kebbas, Erin
Cc: Little, Amy@Waterboards; Eldredge, Joy; Janowski, Robert; Schott, Guy@Waterboards
Subject: RE: City of Napa Request for Limited OE Scope - October 2015

Erin,
Your request for a reduced OEL scope is approved. In addition, will you please provide a list of projects that you are working on that will reduce DBPs, and dates those projects will be implemented. Thank you.

Sheri Miller, P.E.
Division of Drinking Water, Mendocino District Engineer
State Water Resources Control Board
50 D Street, Suite 200, Santa Rosa, CA 95404
(707) 576-2734 Desk (707) 576-2145 Main Line
sheri.miller@waterboards.ca.gov

Visit our website: http://www.waterboards.ca.gov/drinking_water/programs/index.shtml

From: Kebbas, Erin [<mailto:EKebbas@cityofnapa.org>]
Sent: Friday, November 13, 2015 3:39 PM
To: Miller, Sheri@Waterboards
Cc: Little, Amy@Waterboards; Eldredge, Joy; Janowski, Robert
Subject: City of Napa Request for Limited OE Scope - October 2015

Sheri,

For the October 2015 sampling 770 Jackson Street (2810003-008), 2442 Alegheny Drive (2810003-011), 3278 Stonebridge Court (2810003-011) and 1072 Darms Lane (2810003-024), exceeded the OEL and did not meet the Stage 2 standard. As there have been no changes to the distribution system, treatment plant or source water quality, the City of Napa would like to request a limited scope of the operational evaluation as stated in the Operational Evaluation Reporting Form, Part III. Operational Evaluation Findings, Section A.

Thank you for your consideration.

Erin

Erin Kebbas

Water Quality Manager

Public Works Department, City of Napa
EIB Jamieson Canyon Water Treatment Plant
270 Kirkland Ranch Road, Napa, CA 94558
Mailing Address: PO Box 660, Napa, CA 94559-0660
Phone (707) 253-0822

Email ekebbas@cityofnapa.org

Website www.cityofnapa.org

Social www.facebook.com/CityOfNapa · <https://twitter.com/CityofNapa>



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up-to-date details on the drought
and ideas on how you can save water.**