

CRESCENTA VALLEY WATER DISTRICT

**2700 Foothill Boulevard
La Crescenta, California**

**Agenda for the
Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on July 9, 2019 at 7:00 p.m.**

Posted: July 5, 2019 at 3:00 p.m.

Any written materials distributed to the Board in connection with this agenda will be made available at the same time for public inspection at the District office located at the above address.

Call to Order and Determination of Quorum

Pledge of Allegiance

Adoption of Agenda

Public Comments

At this time the public shall have an opportunity to comment on any non-agenda item relevant to the subject matter jurisdiction of the Board. This opportunity is non-transferable and speakers are limited to one three (3) minute comment.

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of the Minutes of the Adjourned Regular Meeting on June 25, 2019.
2. Consideration and approval of the Minutes of the Special Meeting on June 25, 2019.

Action Calendar

The public shall have an opportunity to comment on any action item as each item is considered by the Board prior to action being taken. This opportunity is non-transferable and speakers are limited to one two (2) minute comment.

1. **Proposition 218 Notice** – Consideration and motion to authorize staff to send a revised Proposition 218 Notice to customers for proposed Water and Wastewater rate increases.
2. **TTHM Study and Disinfection Process Upgrades, Project E-995** - Discussion and update of CVWD's TTHM study and disinfection process upgrades.

Information Items

Written Communications to District/Board of Directors

General Manager's Report

Attorney Report

Reports of Committees

- **Engineering Committee**
- **Finance Committee**
- **Employee Relations Committee**
- **Policy Committee**
- **Community Relations/Water Conservation Committee**
- **Emergency Planning Committee**

Director's Oral Reports

Report on issues, meetings, or activities attended by Directors.

Closed Session

Conference with Labor Negotiators - §54957.6

- District negotiators: Nem Ochoa
- Unrepresented employees: Management Unit

Conference with Labor Negotiators - §54957.6

- District negotiators: Nem Ochoa, Ron Mitchell, and James Lee
- Employee organization: AFSCME

Board Members' Request for Future Agenda Items

Adjournment

CRESCENTA VALLEY WATER DISTRICT

ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS

June 25, 2019

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting on June 11, 2019 an Adjourned Regular Meeting was held on June 25, 2019, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President James D. Bodnar presiding.

At roll call, the following Directors and staff members were present:

Directors:	James D. Bodnar Kerry D. Erickson Kenneth R. Putnam Sharon S. Raghavachary Judy L. Tejada
Attorney:	Thomas Bunn
General Manager:	Nem Ochoa
Secretary-Treasurer:	Ron L. Mitchell
District Engineer:	David S. Gould
Others Present:	Mark Hass, IT Manager Christy Scott, Program Specialist Wendy Holloway, Customer Service Supervisor James Lee, Finance & Accounting Manager Dennis Maxwell, Operation & Maintenance Manager Brook Yared, Senior Engineer Arturo Montes, Accountant Pam Leddy, Administrative Assistant Frank Colcord, FMWD Director

PLEDGE OF ALLEGIANCE

President Bodnar opened the meeting by asking Director Raghavachary to lead the Directors and staff in reciting the Pledge of Allegiance.

ADOPTION OF AGENDA

It was moved by Director Putnam, seconded by Director Tejada and carried by a 5-0 vote that the Agenda for the Adjourned Regular Meeting of June 25, 2019 be adopted as presented.

PUBLIC COMMENTS - None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Frank Colcord reported that the Board met last week where they approved and passed the FY 2019/20 budget. There is a 3% increase for

the O&M, as well as MWD had a 3% increase. Also, Mesa Crest Water Company has been purchased by Liberty Utilities.

CONSENT CALENDAR

It was moved by Director Tejeda, seconded by Director Putnam and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on June 11, 2019 and to ratify the disbursements for May 2019.

Payment of demands against the Crescenta Valley Water District on or before May 31, 2019 the same having been approved by the General Manager, and heretofore paid, be ratified and approved subject to audit, in the aggregate sum of One Million One Hundred Ninety Thousand, Eight Hundred Sixteen Dollars and Ninety Two cents (1,190,816.92), which is composed of the individual items set forth herein.

ACTION CALENDAR

President Bodnar announced that the Board will not be taking a vote on Resolution No. 746 and 745 regarding the rate increase today. A member of the public expressed concerns regarding the Proposition 218 Notice process, and the Board took that into consideration. The District will be re-issuing the Proposition 218 Notice with a 45-day public comment period and a decision on rates will be held after a public hearing at a date specified in the notice.

Fiscal Year 2019/20 Wastewater Budget – Mr. Ochoa reported the wastewater budget has been presented to the Finance Committee, the Engineering Committee and the Board of Directors for review and discussion. A public hearing was held on June 11, 2019 for the community as part of the Prop 218 process. The current proposed wastewater budget is based on eleven (11) months of information. There has been no rate increase for the wastewater fund over the last four years. A rate increase will ensure that the reserve fund maintains target reserves levels to allow the District to manage the wastewater fund's primary expense of the wastewater treatment cost, which the City of Los Angeles has informed the District of a 12% increase over the next five years.

Staff recommends that the Board adopt the FY 2019/20 Wastewater Budget as presented.

Following discussion:

It was moved by Director Putnam, seconded by Director Tejeda and carried by a 5-0 vote to adopt the Fiscal Year 2019/20 Wastewater Budget as presented with a 0% rate increase and amendment for the sewer service discount.

Resolution No. 746 – This action item was pulled and staff will be re-sending a new Proposition 218 Notice.

Fiscal Year 2019/20 Water Budget – Mr. Ochoa reported the water budget has been presented to the Finance Committee, the Engineering Committee and the Board of Directors for review and discussion. A public hearing was held on June 11, 2019 for the community as part of the Prop 218 process. The current proposed water budget is based on eleven (11) months of information. An increase allows the District to maintain critical infrastructure and mitigates increasing costs such as imported water, chemicals for water treatment, steel for pipelines, and to ensure that the reserve fund maintains target reserve levels.

Staff recommends that the Board adopt the FY 2019/20 Water Budget as presented.

Following discussion:

It was moved by Director Putnam, seconded by Director Erickson and carried by a 5-0 vote to adopt the Fiscal Year 2019/20 Water Budget with a reduction to CIP of one millions dollars and lower revenues with a 0% increase in rates.

Resolution No. 745 – This action item was pulled and staff will be re-sending a new Proposition 218 Notice.

Pump Replacement and Casing Rehabilitation of Wells 1 & 7, Project E-999 – Mr. Gould reported that at a previous meeting there was a discussion about the repair to the well casing at Well 7 by patching the top section of the casing. On June 11, 2019, General Pump Company (GPC) informed staff that after reviewing the video of the casing damage, they indicated that the risk of further damage to the well casing was too high to attempt the work. Staff started working the GPC on other options to repair the well casing. They agreed on the installation of a new 10" liner at the well and GPC provided a revised quote of \$37,000 to install the 10" liner which represents a total construction increase of \$14,295. It is staff's recommendation to authorize the General Manager to amend the construction contract with General Pump Company and to request to transfer \$7,500 from the Water Reserve Fund and proceed with the installation of a new 10" liner at Well 7.

Following discussion:

It was moved by Director Bodnar, seconded by Director Raghavachary and carried by a 5-0 vote to authorize the General Manager to amend the contract with General Pump Company, Inc. for the rehabilitation of Wells 1 and 7 for installation of a new 10-inch liner at a cost of \$14,295 to cover the cost of unforeseen or additional work and to transfer \$7,500 from the Water Reserve Fund.

TTHM Study and Disinfection Process Upgrades, Project E-995 – Mr. Gould reported that the TTHM level from FMWD/MWD rose to 75 mg/L on June 4, 2019 when the ozone system at the Weymouth plant was shut down for four days for maintenance. This reduced MWD's treatment for natural organic matter (NOM) that creates the TTHM's. When the ozone system was put back into service the TTHM level reduced to 32 mg/L. During the June 4th weekly sample, there was no significant increases in the TTHM level in the reservoirs since the water supply blend was at 54% groundwater and 46% FMWD. However, over the next two weeks, the TTHM level increased in the upper pressure zones. Staff will be meeting and reviewing the storage time and chlorine level data relative to the high TTHM level from MWD to see if there are adjustments to be done to lower the TTHM levels.

Resolution 747, Acceptance of Water Facilities at 2454 Montrose Ave., Project D-16-82 – Mr. Yared reported that the owner of the project at 2454 Montrose Ave. entered into a developer's agreement with CVWC for the design, construction and dedication of the multi-meter manifold. The agreement stipulates that the developer shall transfer ownership of all newly constructed facilities to CVWD after satisfactory completion of construction and CVWD will be responsible for maintaining these facilities into the future. It is staff's recommendation to adopt Resolution No. 747 to authorize the General Manager to accept the water facilities within the public right-of-way for Lot 474 of Tract 1701 located at 2454 Montrose Avenue.

Following discussion:

It was moved by Director Putnam, seconded by Director Erickson to adopt Resolution 747 to authorize the General Manager to accept the water facilities within the public right-of-way for Lot 474 of Tract 1701 located at 2454 Montrose Avenue by the following roll call:

AYES:	Director Bodnar
	Director Erickson
	Director Putnam
	Director Raghavachary
	Director Tejeda

NOES:	None
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INFORMATION ITEMS – CV Weekly: Proposed Water Rate Increase at CVWD Meeting.

WRITTEN COMMUNICATIONS TO DISTRICT – Letter from Marilyn Imura Tyler on June 13, 2019 regarding Proposition 218 Notice, and another on June 20, 2019.

REPORTS OF PERSONNEL

GENERAL MANAGER – Mr. Ochoa reported on the stipend report for June 2019 and on the Permit for Well 2, which is now in service. He also reported on a workshop the employees participated in on what defines the values at CVWD. He asked the employees to come up with a slogan and many employees participated. He did a survey monkey to find out which slogan the employees gravitated to. The top ones are: CVWD...working hard, working smart, working together - Communities grow where reliable water flows - CVWD; we make it happen – Dedicated to purpose, driven by passion, unified in service. We are CVWD.

ATTORNEY – No Report

REPORTS OF COMMITTEES

Engineering Committee – Director Erickson reported that the Committee will meet on July 12, 2019 at 9:00 a.m.

Finance Committee – Director Putnam reported that the Committee had not met; however, a meeting will be scheduled as needed.

Employee Relations Committee – Director Bodnar reported that the Committee met on June 21, 2019 and discussed the status of the MOU negotiations.

Policy Committee – Director Raghavachary reported that the Committee had not met; however, a meeting will be scheduled as needed.

Community Relations/Water Conservation Committee – Director Tejeda reported that the Committee had not met; however, a meeting will be scheduled as needed.

Emergency Planning Committee – Director Tejeda reported that the Committee had not met; however a meeting will be scheduled as needed.

Executive Committee – Director Bodnar reported that the Committee had not met; however, a meeting will be scheduled as needed.

DIRECTORS ORAL REPORTS

Director Bodnar reported that the State Water Project allocation is now at 75% which results in an extra 100,000 acre feet for Southern California MWD.

Director Raghavachary – No Report

Director Tejeda – No Report

Director Putnam said we need to broaden the distribution of information to customers.

Director Erickson – No Report

CLOSED SESSION – There are no reportable items.

ADJOURNMENT

There being no other business to come before the Board, at 9:35 p.m. it was moved by Director Tejeda, seconded by Director Putnam and carried by a 5-0 vote that the meeting be adjourned to July 9, 2019, at 7:00 p.m.

APPROVED

James D. Bodnar
President

Ron L. Mitchell
Secretary-Treasurer

**CRESCENTA VALLEY WATER DISTRICT
SPECIAL MEETING, BOARD OF DIRECTORS**

June 25, 2019

Pursuant to the order of the Board of Directors, a Special Meeting was held on June 25, 2019 at 6:00 p.m., at the District office at 2700 Foothill Blvd., La Crescenta, California, with President James D. Bodnar presiding

At roll call, the following Directors and staff members were present:

Directors:	James D. Bodnar Kerry D. Erickson Kenneth R. Putnam Sharon Raghavachary Judy L. Tejeda
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Attorney:	Thomas S. Bunn
General Manager:	Nem Ochoa
Secretary-Treasurer	Ron L. Mitchell

Others Present:	James Lee, Finance & Accounting Manager
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PLEDGE OF ALLEGIANCE

President Bodnar opened the meeting by asking Director Putnam to lead the Board in reciting the Pledge of Allegiance

ADOPTION OF AGENDA

It was moved by Director Putnam, seconded by Director Tejeda and carried by a 5-0 vote that the Agenda for the Special Meeting of June 25, 2019 be adopted as presented.

CLOSED SESSION – No reportable action.

ADJOURNMENT

There being no other business to come before the Board, at 6:53 p.m. it was moved by Director Tejeda, seconded by Director Erickson, and carried by a 5-0 vote that the meeting be adjourned.

APPROVED

James D. Bodnar
President

Ron L. Mitchell
Secretary-Treasurer

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1

July 9, 2019

To: Honorable President and Members of the Board of Directors

From: Christy J. Scott

Subject: **Proposition 218 Notification for Proposed Water and Wastewater Rates and Charges**

ACTION ITEM:

Proposition 218 Notices for Water and Wastewater – Consideration and motion to authorize staff to send a revised Proposition 218 Notice for Water and Wastewater Rate increases.

BACKGROUND:

CVWD is required to notify all of its customers about proposed changes in the water and wastewater rates and charges and allow customers an opportunity to protest the proposed rate increases as outlined in the provisions of Proposition 218. This legislation states that any new fee or rate imposed by a government agency must be noticed to its stakeholders and stakeholders must have an opportunity to protest any proposed rate increase.

For CVWD to be in compliance with the provisions of Proposition 218, the following steps must be followed:

1. Staff prepares a Proposition 218 notice describing the proposed rate increase and the method for protesting. The notice is provided to the Board of Directors for discussion.
2. The Board of Directors approves the notice and directs staff to send the Proposition 218 notice to all property owners within the District's service area.
3. A 45-day Public Notice review period commences for the public to submit a written protest.
4. Any written protests are summarized and submitted to the Board of Directors after the 45-day notice period is completed.
5. A public hearing will be held to determine if a majority of property owners within the District's service area have submitted written protests. If the submissions are less than one half of the majority of property owners, then the Board of Directors can proceed with a public hearing on the proposed rate increase.

DISCUSSION:

Following a closed session meeting on June 25, 2019, the CVWD Board decided to reissue the 2019/2020 Proposition 218 notice originally issued in April 2019. During the public hearing, which took place on June 11, 2019; residents stated that the information presented in the notice made it unclear to tenants that they had a right to file a protest letter.

Staff, following direction from the Board, revised the 2019/2020 Proposition 218 notice incorporating wording and formatting from the previous 2018/2019 notice.

Staff is presenting the final Proposition 218 notification letters for review and discussion by the Board of Directors for both water and wastewater rates and charges (see attachment).

The revised Proposition 218 notice was sent electronically to all Board members for review on Friday June 28 2019 and Wednesday, July 3, 2019. The attached notice incorporates the majority of comments received from the Board. The notice was also reviewed by CVWD's Legal Counsel for compliance to the requirements of Proposition 218.

The content of the notice also provides the required information to the public for protesting the proposed water and wastewater rate increases.

Under the provisions of Proposition 218, water and wastewater rates which are published in the notices can be adjusted lower, but not higher.

SCHEDULE:

After the final Proposition 218 notice is approved, staff will prepare the notices to be sent to property owners and CVWD customers by July 13, 2019. This will start the 45-day review and comment period, which will end on August 27, 2019. The comments will be tabulated and presented to the Board at a Public Hearing on August 27, 2019.

Should this notice not be approved at the July 9th Board Meeting, the date for the Public meeting will need to be pushed forward into September.

Prepared by:



Christy J. Scott

Submitted by:



Nem Ochoa
General Manager

Attachments:

1. Final Proposition 218 Notification for Water Rates and Charges



**PUBLIC NOTICE OF PROPOSED INCREASE
IN WATER AND WASTEWATER RATES AND CHARGES**
Public Hearing to be held on Tuesday, August 27, 2019, at 6:00 p.m.
2700 Foothill Blvd., La Crescenta, CA 91214

This notice replaces the notice sent to you in April 2019.

The rate increases proposed in the April notice were not adopted.

During the public meeting, the board of directors received input from customers that the earlier rate increase notices did not make it clear that property owners and CVWD customers had the right to protest the proposed increases.

The purpose of this notice is to correct that oversight. The amount of the proposed increases remains the same.

Crescenta Valley Water District is considering an increase in its current rates and charges for water and wastewater service. The increase is needed to cover increased costs and to replace aging infrastructure. By keeping rates and charges in line with expenses, the District is able to remain financially stable, which allows us to adequately maintain facilities and continue providing reliable service.

DID YOU KNOW?

As a public agency, the District cannot earn a profit from the services it provides and must charge no more than the actual costs associated with providing services to its customers.

WATER BILL IMPACT (IF APPROVED)

If new rates are approved, a water bill for a typical residence with a 3/4-inch meter using 17 units of water (17,000 gallons) during a two-month billing period would increase by \$10.65, from \$152.13 to \$162.78.

WASTEWATER BILL IMPACT (IF APPROVED)

If new rates are approved, a wastewater bill for a typical residence with a 3/4-inch meter using 17 units of water (17,000 gallons) during a two-month billing period would increase by \$3.03, from \$77.57 to \$80.60.

Effective Date: If approved, the increased rates will become effective on all rates and charges on any bill generated after September 1, 2019.

WHAT IS CVWD DOING TO HELP KEEP COSTS AS LOW AS POSSIBLE?

The District is committed to efficient operations and continuously evaluates every opportunity to reduce expenses. CVWD has reduced operational expenses by cross-training personnel to limit staffing levels, renegotiating long-term contracts with vendors, reducing benefits costs, and deferring maintenance and replacement of the District's aging facilities for multiple years. **The District has been using reserve funds for the past 8 years to mitigate the impact to rates from the recent drought. Since the 2011/2012 fiscal year, the District has used over \$10 million from its reserve funds to lessen the impact of the current and previous rate increases.**

WHY IS THERE A NEED FOR A RATE INCREASE?

Since the last rate adjustment, District costs have increased. Here are the main drivers:

Local water supply –A lower yield of our groundwater supplies have required CVWD to buy more expensive supplemental water from Northern California and the Colorado River.

Infrastructure maintenance and improvements –Aging pipes, reservoirs, pumps, wells and other District assets that are 30-50 years old need replacement to avoid critical system failures. Capital improvements enhance water system reliability, improve water quality, and reduce higher construction costs into the future.

Essential services – The Operations Department monitors water treatment, replaces meters, and makes emergency repairs. Customer Service addresses all customer needs, including service requests and analyzing usage to determine if a customer has a leak.

Wastewater services – The wastewater system's primary expense is the cost paid to the City of Los Angeles for treating the wastewater that is collected in the District's service area and sent to Los Angeles' treatment plant. Other major cost drivers include the maintenance of the wastewater collection system, wastewater line cleaning, and the sewer interceptor line, which runs nearly 7 miles, and transports all of the wastewater to the treatment plant located in Glendale.

All proposed water and wastewater rates in the tables that follow are the same as those provided in the prior notice.

SEWER: HOW IS MY WASTEWATER BILL DETERMINED?

The amount of wastewater put into the District's collection system is estimated based on the prior year's winter water usage, when water is used less. This usage — up to a two-month maximum of 20 units (20,000 gallons) for a single-family residence — is used to determine the bill for the next 12 months.

PROPOSED WASTEWATER SERVICE CHANGES

<u>Single-Family Residence (per bi-monthly period)</u>	Current Rate	Proposed Rate Effective 9/1/2019
Service Charge	\$45.95	\$47.79
Usage Rate - maximum of 20 units based on prior year average winter water use. (New Single Family Residence accounts are assessed 8 units until winter water use can be established.)	\$1.86 (Per Unit)	\$1.93 (Per Unit)

<u>Multi-Family Residence (per bi-monthly period)</u>	Current Rate	Proposed Rate Effective 9/1/2019
Service Charge per Equivalent Dwelling Unit (EDU)	\$30.05	\$31.25
Usage Rate - maximum of 15 units per EDU based on prior year average winter water use	\$2.07 (Per Unit)	\$2.15 (Per Unit)

<u>Commercial / Institutional (per bi-monthly period)</u>	Current Rate	Proposed Rate Effective 9/1/2019
Usage Rate per 1,000 gallons	\$4.90	\$5.10
Minimum Charge	\$30.05	\$31.25

<u>All Schools (per bi-monthly period)</u>	Current Rate	Proposed Rate Effective 9/1/2019
Elementary School – Usage Rate per 100 ADA	\$81.60	\$84.86
Middle School – Usage Rate per 100 ADA	\$163.20	\$169.73
High School – Usage Rate per 100 ADA	\$244.80	\$254.59

PROPOSED WATER RATE CHANGES

Water Meter Rates and Charges

Meter charges ensure that water is available for use at your tap whenever you need it, much like phone, cable, power or other utilities. Also known as fixed charges, they help pay for costs associated with operating and maintaining CVWD's water treatment and delivery system, and they are based on meter size

<u>Meter Charges (per bi-monthly period) by size</u>	<u>Current Rate</u>	<u>Proposed Rate Effective 9/1/2019</u>
¾"	\$50.56	\$54.10
1"	\$75.41	\$80.69
1 ½"	\$137.56	\$147.19
2"	\$212.16	\$227.01
3"	\$448.34	\$479.92
4"	\$796.42	\$852.17

Fire Protection Charges

Fire protection charges are for private fire services and provide readiness for fire protection. They typically do not apply to residential customers.

<u>Fire Protection Charges (per bi-monthly period) by size</u>	<u>Current Rate</u>	<u>Proposed Rate Effective 9/1/2019</u>
1"	\$14.81	\$15.85
2"	\$22.86	\$24.46
3"	\$41.17	\$44.05
4"	\$72.74	\$77.83
6"	\$186.03	\$199.05
8"	\$381.45	\$408.15
10"	\$675.39	\$722.67

Usage Rates and Charges

Usage rates cover costs that vary based on the amount of water delivered. The most significant costs are purchasing imported water, pumping local groundwater, treating the water supply, and maintaining the water system. These rates are separated into three tiers for single-family residential customers and are based on bi-monthly usage (1 unit=1,000 gallons). The rates are uniform for multi-family, commercial and schools based on bi-monthly usage. The rates are separated into two tiers for irrigation customers based on bi-monthly usage.

<u>Single-Family Residence</u>	<u>Current Rate</u>	<u>Proposed Rate Effective 9/1/2019</u>
Tier 1 (1 to 10 units)	\$4.83	\$5.17
Tier 2 (11 to 26 units)	\$7.61	\$8.14
Tier 3 (27 units and above)	\$11.49	\$12.29

<u>Multi-Family , Commercial / Schools</u>	<u>Current Rate</u>	<u>Proposed Rate Effective 9/1/2019</u>
Base Rate (all units of water)	\$6.85	\$7.33

<u>Irrigation</u>	<u>Current Rate</u>	<u>Proposed Rate Effective 9/1/2019</u>
Tier 1 (1 to 80) units	\$5.29	\$5.66
Tier 2 (81 units and above)	\$10.18	\$10.89

Service addresses located within the Glendale annex area pay a \$0.40 tax per 2-month bill collected by CVWD and paid to the City of Glendale.

Protest Letters:

Any CVWD customer or property owner within the CVWD water or wastewater service area may file a written protest of the proposed rate changes by sending a letter to: CVWD, 2700 Foothill Boulevard, La Crescenta, CA 91214. A valid protest letter must include your name, a CVWD service address, a statement of protest, and an original signature. For your convenience, there is a protest form available at www.cvwd.com. Electronic submittals of protest letters may be signed, scanned and emailed to the District at customerservice@cvwd.com. All protests must be received at the address above no later than **August 27th at 6:00 p.m.** Protest letters received prior to August 23, 2019 at noon will be included in the agenda package distributed to the Board of Directors and posted online at www.cvwd.com.

If you submitted a valid protest letter in response to the earlier notice, you do not need to submit another one.

When will the CVWD Board of Directors consider adoption of new rates and charges?

Following the public hearing, which will take place on **Tuesday, August, 27, 2019 at 6:00 p.m.**, the Board of Directors will meet **at 7:00 p.m.** to consider the proposed rate changes. The Board may adopt, reject, or modify the proposed rate structure. The Board cannot legally increase water rates and charges more than indicated in this notice.

Questions?

This notice is also available on the CVWD website, www.cvwd.com, or at the CVWD main office. CVWD staff can assist in answering any questions about your bill between 8:00 a.m. and 4:30 p.m., Monday through Friday. If you have questions or need additional information, please call CVWD at (818) 248-3925 or e-mail customerservice@cvwd.com.

La Crescenta, CA 91214
2700 Foothill Blvd.
Crescenta Valley Water District

**IMPORTANT PROPOSED RATE
INFORMATION ENCLOSED**

Crescenta Valley Water District
2700 Foothill Blvd.
La Crescenta, CA 91214

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2

July 9, 2019

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: TTHM Mitigation and Disinfection Process Upgrades, Project E-995

ACTION ITEM:

TTHM Mitigation and Disinfection Process Upgrades, Project E-995

Discussion and update of CVWD's TTHM study and disinfection process upgrades

BACKGROUND:

The District uses chlorine as a disinfectant to treat drinking water. Chlorine can create disinfection by-products during treatment, also known as Total Trihalomethanes or TTHMs as chlorine reacts with naturally occurring organic matter in imported water. CVWD's imported water supplied by FMWD/MWD is from either the Colorado River (CRW) or the State Water Project (SWP). Typically, CVWD's water supply blend is 60% groundwater and 40% imported water. With the on-going drought and groundwater levels not fully recovered, CVWD's water supply blend has shifted to 40% groundwater and 60% imported water over the past 8 to 12 months. This coupled with additional chlorine needed for breakpoint chlorination in the system, has caused an increase in TTHMs in the distribution system.

DISCUSSION:

Operational Changes:

Water system operational changes including reducing the amount of water storage and chlorination have resulted in reduced TTHM levels as shown on the attached charts since August 2018. The TTHM levels were slightly higher since the last update as the water temperature has increased over the last few weeks and demand has increased which means more MWD water is being used.

Project Schedule – Conversion to Chloramines:

The 3rd quarter 2019 compliance sampling for July, August and September has started at the compliance locations and staff will provide updates at future meetings.

Staff will continue watching operations and the TTHM levels as we should see summer high temperatures and increased water demands. From this data, staff will determine when the disinfection system should be changed over to chloramines.

Staff and its consultants are working with the Division of Drinking Water (DDW) to amend the District's permit to operate. Staff is working on preparing the permit request with the supporting data to send to DDW for approval.

Construction – Chloramine Conversion:

The following are tasks planned for the next few weeks by staff and its consultants:

- o APEX will be onsite in July for SCADA programming of the new chlorine analyzers.
- o Staff is working on the design to upgrading the chlorination system for the Pickens Tunnel.
- o Staff and its consultants are reviewing the operations at Well 2 to see if an ammonia station is needed.
- o Staff and WQTS are working on the submittal to DDW for amending permit.

Past Actions:

- o August 14, 2018
 - Discussion by Dr. Issam Najm of WQTS on TTHMs and Chloramines.
 - Awarded contract to WQTS for \$10,000 for initial study and evaluation.
- o August 28, 2018
 - Awarded contract to WQTS for \$99,800 for chloramine conversion, public outreach, staff and operator training, Department of Drinking Water (DDW) permitting support, development of necessary mitigation plans, and preparation of 30% design plans.
 - Awarded contract to Hazen and Sawyer for \$9,971 to perform bench testing of CVWD's source water to determine proper breakpoint chlorination and formation of TTHMs.

- o September 11, 2018
 - Staff, worked with WQTS and CV Strategies to mail out public information brochures with a list of frequently asked questions.
 - Staff posted information on website and articles in the CV Weekly and Glendale Newspress.
- o September 15, 2018 – Public Workshop at the Glenwood Plant
- o September 25, 2018
 - Authorized General Manager to select and negotiate with consultants and contractors for the installation of chloramination systems at the Glenwood and Mills Plants for \$410,000.
 - Award contract to John Robinson Consulting (JRC) for \$45,225 for contract and construction administration for the new ammonia injection system.
 - Amended contract to WQTS for \$44,240 for additional design work by Carollo Engineers.
- o October 9, 2018
 - Office & field staff trained on the nitrification and chloramines processes.
 - Carollo Engineers submitted preliminary 30% design plans for review.
- o October 23, 2018
 - Site walk at Glenwood and Mills Plants to determine location of ammonia injection skids, ammonia injection conduits, and SCADA and electrical conduits.
 - JRC prepared and sent out a request for quote for purchase of two (2) ammonia injection pump skids.
 - Grace Environmental Services (Grace) provided a proposal for a system operator to assist staff during the chloramine conversion process in the distribution system.
 - Site visit from Apex Manufacturing Solution (APEX), on the design and installation of SCADA equipment and integration at Glenwood and Mill Plants
 - Met with Hazen and Sawyer on design and installation of new chlorine analyzers at six (6) locations to provide additional monitoring after conversion to chloramines
- o November 6, 2018
 - Field crews potholed the 14-inch water main at the Glenwood Plant for depth and location for the ammonia injection concrete vault.
 - Awarded contract and ordered the concrete vault from Jensen Precast for \$36,775 at the Glenwood Plant and estimated delivery is 8 – 10 weeks after approval of shop drawings.
 - Awarded contract and ordered ammonia injection pump skids from Cortech Engineering for \$29,850 and estimated delivery in 8 – 10 weeks after approval of shop drawings.
 - 30% design plans were reviewed and sent back to Carollo Engineers for final edits.
 - Awarded contract to BrikArt Construction for \$7,011 to install concrete pad at Mills Plant.
 - Awarded contract to APEX for \$47,725 for the design and integration of SCADA equipment at Glenwood and Mill Plants.
- o November 20, 2018
 - Authorized General Manager to select and negotiate with consultants and contractors for the operations and maintenance for the new chloramination systems at a cost not to exceed \$500,000.
 - BrikArt Construction completed the concrete pad at the Mills Plant.
 - Awarded contract to Hazen and Sawyer for \$53,255 for design services for the installation of six (6) new chlorine analyzers.
 - Awarded contract to Core-Rosion and ordered a 405-gal tank with level indicator sensor at Mills Plant for \$7,153.
 - Awarded contract to ValveTek Utility Services (Valvetek) to perform dead-end water main flushing for \$131,000.
 - Awarded contract to Hopkins Technical Products to upgrade seven (7) existing ProMinent chlorine analyzers for \$32,870.
 - Awarded a contract to Hach, Inc for new seven (7) new chlorine analyzers and upgrade five (5) existing chlorine analyzers for \$91,560.
- o December 12, 2018
 - Shop drawings from Cortech Engineering for the two (2) ammonia skids and from Core-Rosion for the 405-gal ammonia tank reviewed by JRC and sent back with comments.
 - Staff provided comments on the Nitrification Monitoring & Control Plan to WQTS.

- JRC submitted plans to Glendale Fire Department for permits for Glenwood and Mills Plants.
- Staff met with Medora Corp to discuss installing new mixers in reservoirs to maintain chloramine residual and portable chlorine injection systems.
- Field crews started working on upgrading/repairing blow-offs for dead-end water main flushing.
- o January 8, 2019
 - Delivery of concrete vault from Jensen Precast delayed due to shop drawing revisions and current workload at Jensen Precast. Anticipated delivery date – late March 2019.
 - Staff and WQTS met to discuss updating CVWD's water quality distribution sampling plan for submittal to DDW for approval.
 - Staff met for a kick-off meeting with Hazen and Sawyer on the design of six (6) new chlorine analyzers.
 - Glendale Fire Department determined no permits are required for the installation of the ammonia injection system and will issue a refund fees.
 - Field crews continued working on upgrading/repairing blow-offs for dead-end water main flushing
 - Finalized shop drawings for ammonia skids with Cortech Engineering.
 - Staff purchased SCADA equipment from Royal Industrial Solutions
 - Staff and APEX continue meeting on SCADA integration for the new disinfection process
- o January 22, 2019
 - JRC finalizing costs with Univar for supplying liquid ammonia sulfate in both mini-bulk deliveries for Mills Plant and in 330-gallon containers at Glenwood Plant.
 - Ammonia Tank for Mills Plant delivered at the end of January 2019.
 - Finalized shop drawings for concrete vault. Anticipated delivery date – mid April 2019.
 - Ammonia skids from Cortech Engineering – Anticipated delivery date – February 25, 2019.
 - Staff and APEX continue meeting on SCADA integration for the new disinfection process.
- o February 12, 2019
 - Awarded contract to APEX for \$32,090 for SCADA design and integration for new chlorine analyzers.
 - Staff completed review of Hazen & Sawyer 30% design submittal for the six (6) new chlorine analyzers.
 - Staff and WQTS met to finalize submittal to DDW for amending permit.
- o February 26, 2019
 - Field crews completed upgrades and repairs of blow-offs prior to dead-end water main flushing
 - Hazen and Sawyer submitted 75% design for the six (6) new chlorine analyzers
 - Staff and ValveTek met on February 19 to discuss the project schedule.
- o March 12, 2019
 - Ammonia skids delivered on February 28, 2019
 - Valvetek performed a public demonstration near the Glenwood Plant on March 5, 2019
 - Staff finalized 75% design for the six (6) new chlorine analyzers
 - APEX completed 75% SCADA design, which was reviewed by Operation's staff
- o March 26, 2019
 - Crews installed ammonia skid with new concrete base at Glenwood Plant
 - Crews installed ammonia skid at Mills Plant
- o April 9, 2019
 - Field crews complete installation of new chlorine analyzer at Dunsmore Reservoir
 - Field crews completed the installation of conduits and chlorine analyzers at Mills and Glenwood
 - Finalized purchase of SCADA equipment from Royal Industrial Solutions
- o April 23, 2019
 - Vault delivered and installed including, static mixer, 14-inch valve and piping at Glenwood
 - Replaced 14-inch valve installed at Ramsdell & Sycamore after existing 1960's butterfly valve broke in the closed position
 - Installed ammonia feed and electrical conduits to the vault

- APEX on-site for installation of new SCADA equipment, coordination of disinfection injection sequencing and SCADA monitoring of chlorine levels at Mills and Glenwood Plants and Dunsmore Reservoir.
- o May 14, 2019
 - Field crews continued working on installation of new chlorine analyzer at Shields, Goss Canyon and Cresta Heights Reservoirs.
- o June 11, 2019
 - Field crews completed installation of new chlorine analyzers at Shields and Goss Canyon Reservoirs
 - Field crews continued working on installation of new chlorine analyzer at Cresta Heights and Eagle Canyon Reservoirs
 - Staff and WQTS met on May 29, 2019 to review information need for submittal to DDW
- o June 25, 2019
 - Field crews completed installation of the new chlorine analyzers at Shields, Goss Canyon and Cresta Heights Reservoirs.
 - Staff and WQTS met on July 3, 2019 to finalize information for submittal to DDW.

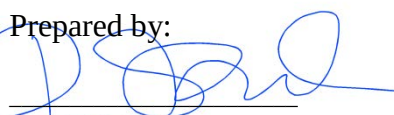
Updated Cost Estimate:

Account Description	Amount - 6/25/19	Amount - 7/09/19	Difference
Transfer from MTBE Reserve Fund (9/25/18)	\$410,000	\$410,000	\$0
Transfer from MTBE Reserve Fund - (11/20/18)	\$500,000	\$500,000	\$0
Transfer from MTBE Reserve Fund - (5/28/19)	\$90,000	\$90,000	\$0
Total Estimated Cost for Project	\$1,000,000	\$1,000,000	\$0
Consultants - Planning, Design & Construction Admin			
WQTS - Planning	\$4,500	\$4,500	\$0
WQTS - Design (Estimate on final cost)	\$130,000	\$130,000	\$0
Hazen & Sawyer - Water Quality	\$11,971	\$11,971	\$0
John Robinson Consulting - Project Management	\$45,225	\$45,225	\$0
Grace Environmental Services (3 months part-time service) (Estimate)	\$0	\$0	\$0
Apex Manufacturing Solution - SCADA programing and integration	\$54,165	\$54,165	\$0
New Chlorine Analyzers - 6 locations - Hazen and Sawyer - Design	\$44,505	\$44,505	\$0
Public Notification - CV Strategies , Printing & Mailing	\$11,168	\$11,168	\$0
WQ Sampling - 7/1/18 to 4/30/19	\$95,079	\$95,079	\$0
WQ Sampling - 5/1/19 to 6/30/19 (Estimate)	\$13,260	\$13,260	\$0
Subtotal	\$409,873	\$409,873	\$0
Construction			
Ammonia Injection Skids (2)	\$41,166	\$41,166	\$0
SCADA - Equipment (RTU's, Communication, cabinets, etc..) (Estimate)	\$14,642	\$14,642	\$0
Concrete Pad & Grading at Mills	\$7,011	\$7,011	\$0
Ammonia Inject Vault at Glenwood	\$48,233	\$48,233	\$0
Ammonia Tank at Mills	\$6,922	\$6,922	\$0
Static Mixer & Ammonia Injection System	\$11,236	\$11,236	\$0
Conduits/Wiring/Electrical Materials (Estimate)	\$11,542	\$11,542	\$0
Upgrade Chlorine Analyzers (Mills & Glenwood)	\$18,647	\$18,647	\$0
Safety - Eye Wash, Containment, etc.. (materials only) (Estimate)	\$10,230	\$10,230	\$0
On-site Welding (Estimate)	\$4,249	\$4,249	\$0
Misc	\$425	\$425	\$0
Subtotal	\$174,303	\$174,303	\$0
Operations & Maintenance			
Upgrade Chlorine Analyzers - 4 locations Equipment (Hach)	\$27,494	\$27,494	\$0
Upgrade Chlorine Analyzers - 7 locations Equipment (ProMinent)	\$36,372	\$36,372	\$0
New Chlorine Analyzers - 6 locations - APEX SCADA Programing	\$37,365	\$37,365	\$0
New Chlorine Analyzers - 6 locations - SCADA Equipment (Estimate)	\$63,792	\$63,792	\$0
New Chlorine Analyzers - 6 locations - Equipment (HACH)	\$58,819	\$58,819	\$0
Dead-ends Water Main Flushing - Valvetek	\$154,624	\$154,624	\$0
Misc	\$90	\$90	\$0
Subtotal	\$378,556	\$378,556	\$0
Total Cost	\$962,731	\$962,731	\$0
Amount Remaining	\$37,269	\$37,269	

RECOMMENDATION:

It is staff's recommendation is to complete the installation of the ammonia injection system, chlorine analyzers and site improvements for conversion to chloramines.

Prepared by:



David S. Gould, P.E.
District Engineer

Attachments:

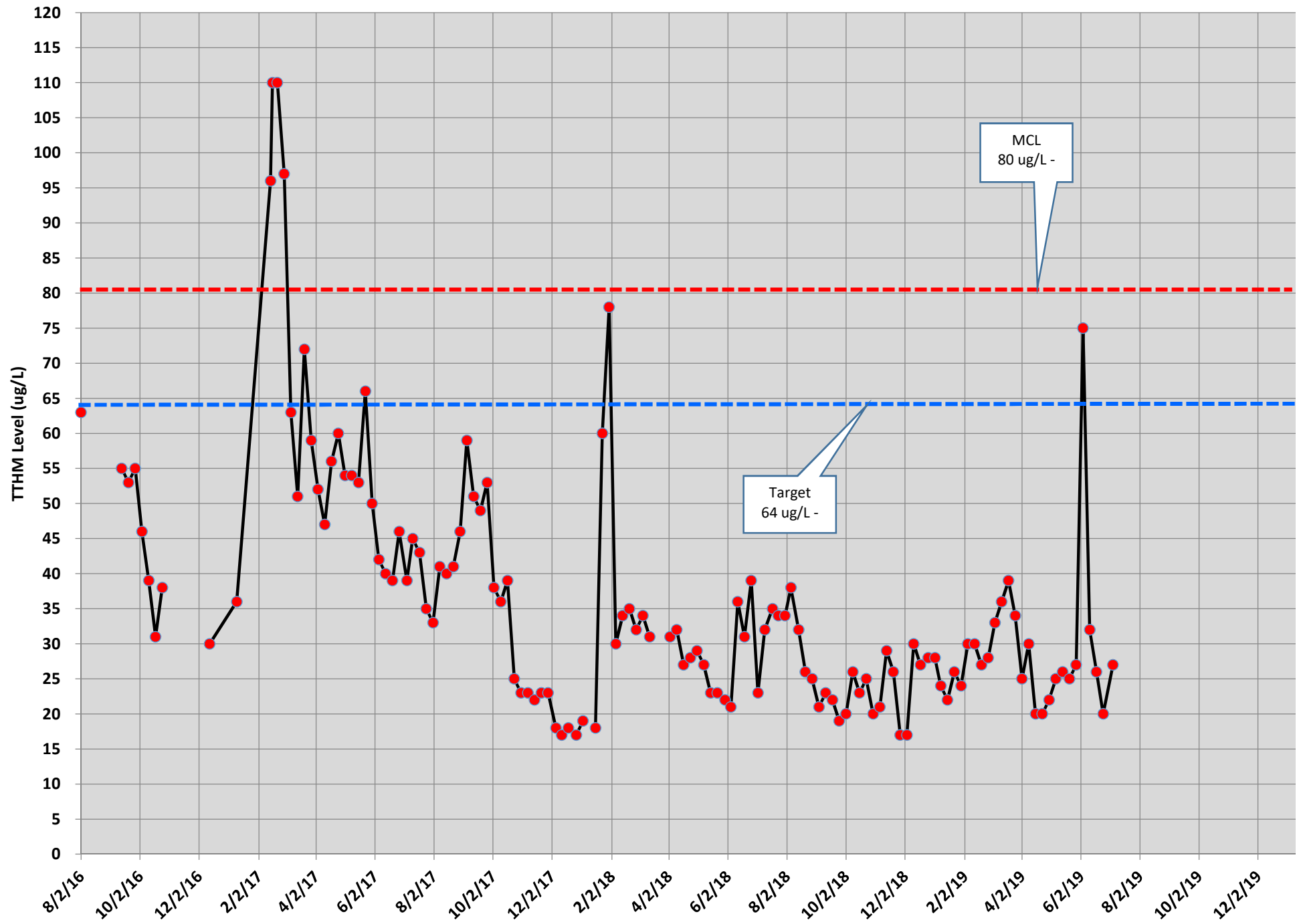
1. TTHM Charts dated 06-18-19

Submitted by:

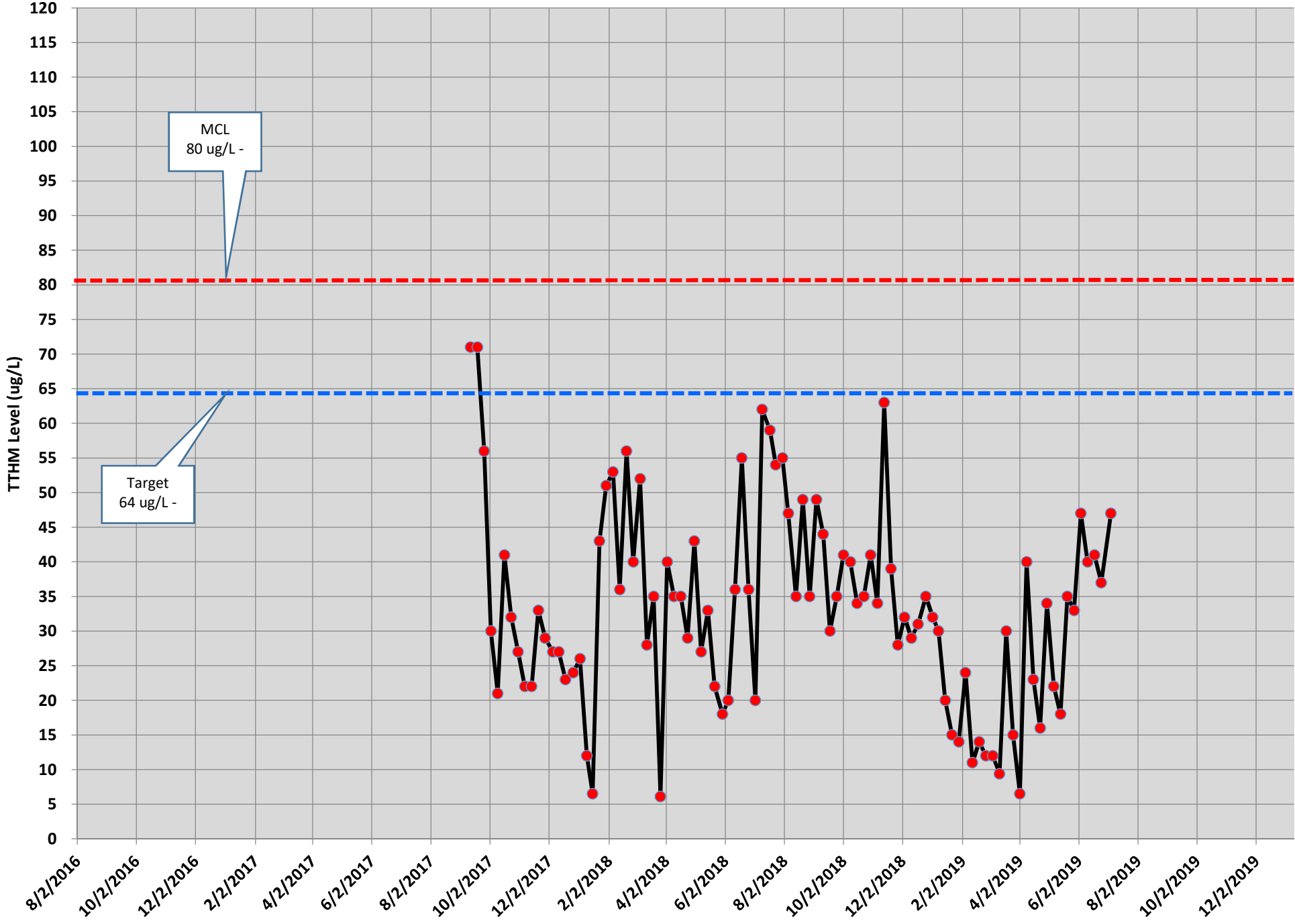


Nem Ochoa
General Manager

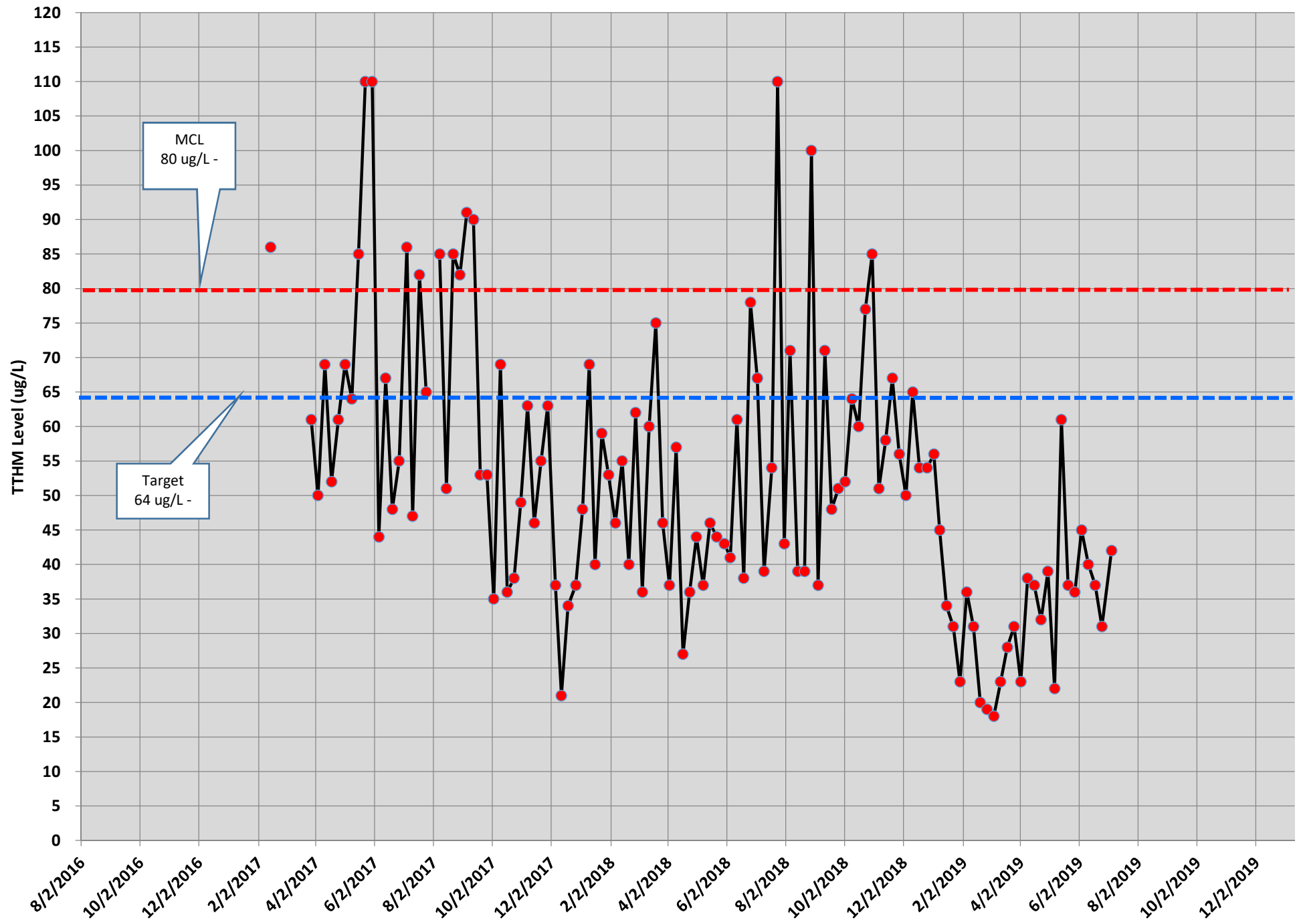
FMWD at Paschall Booster - TTHM's Levels



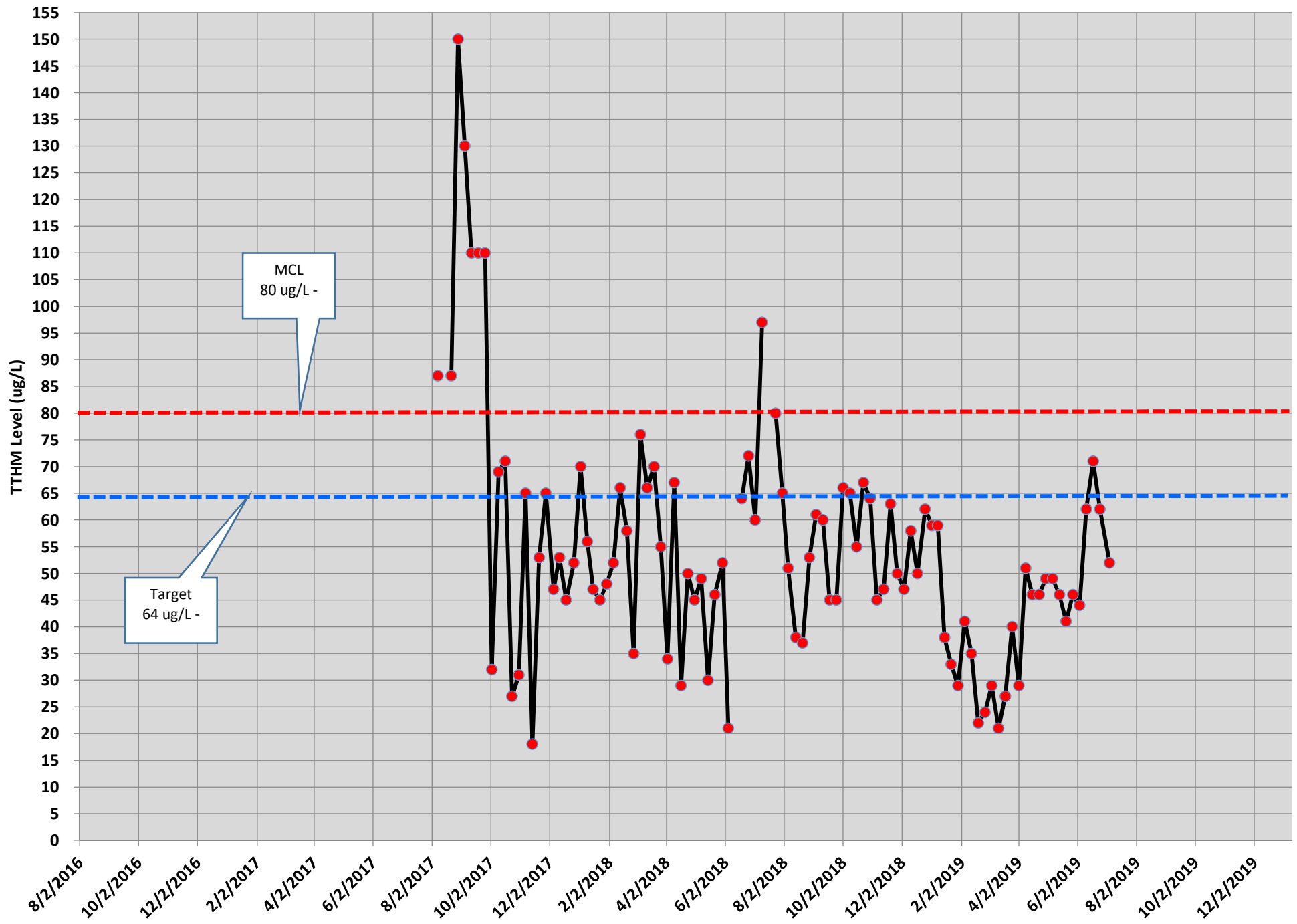
Encinal Reservoir (Zone 1) - TTHMs Levels



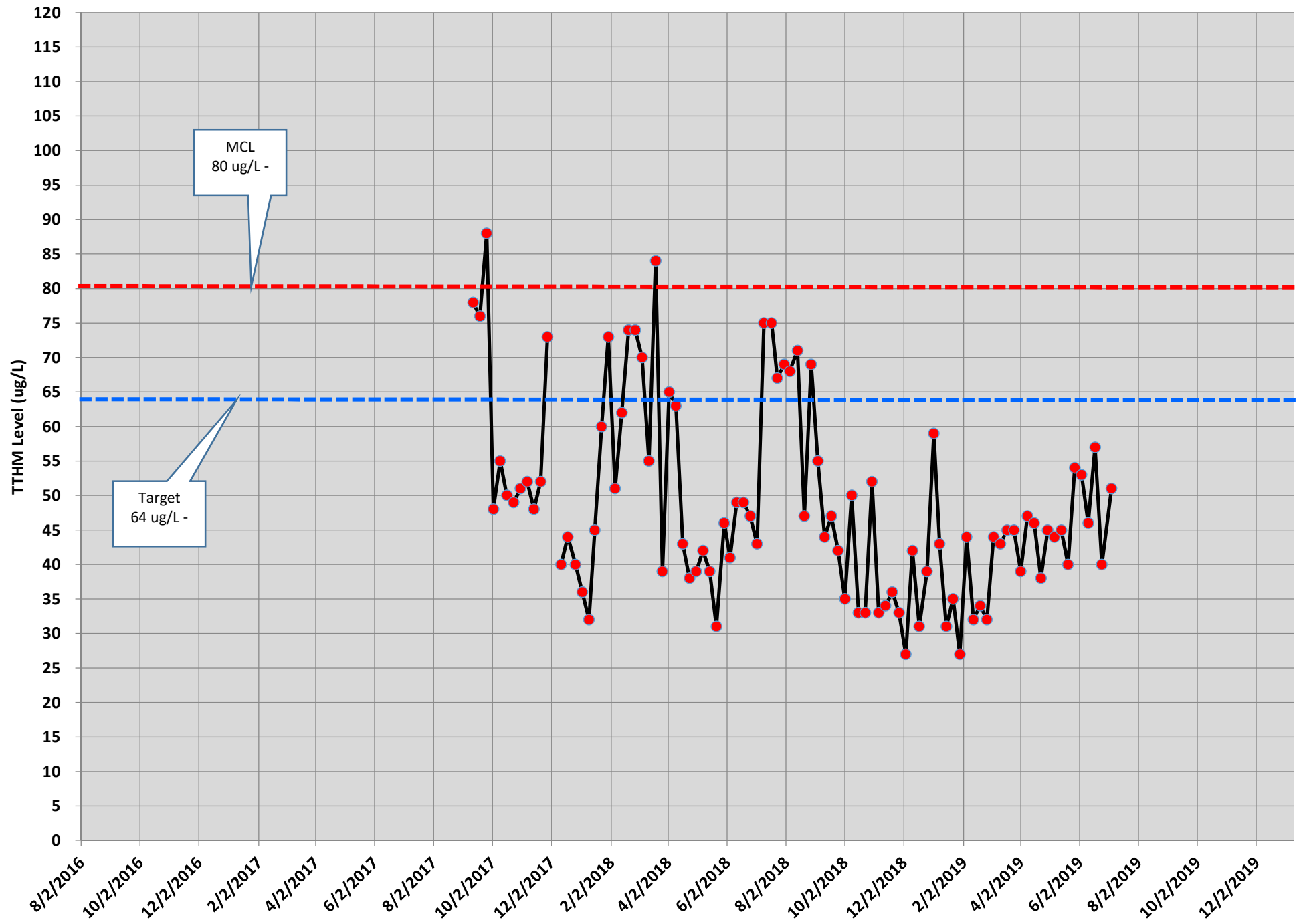
Williams Reservoir (Zone 2) - TTHMs Levels



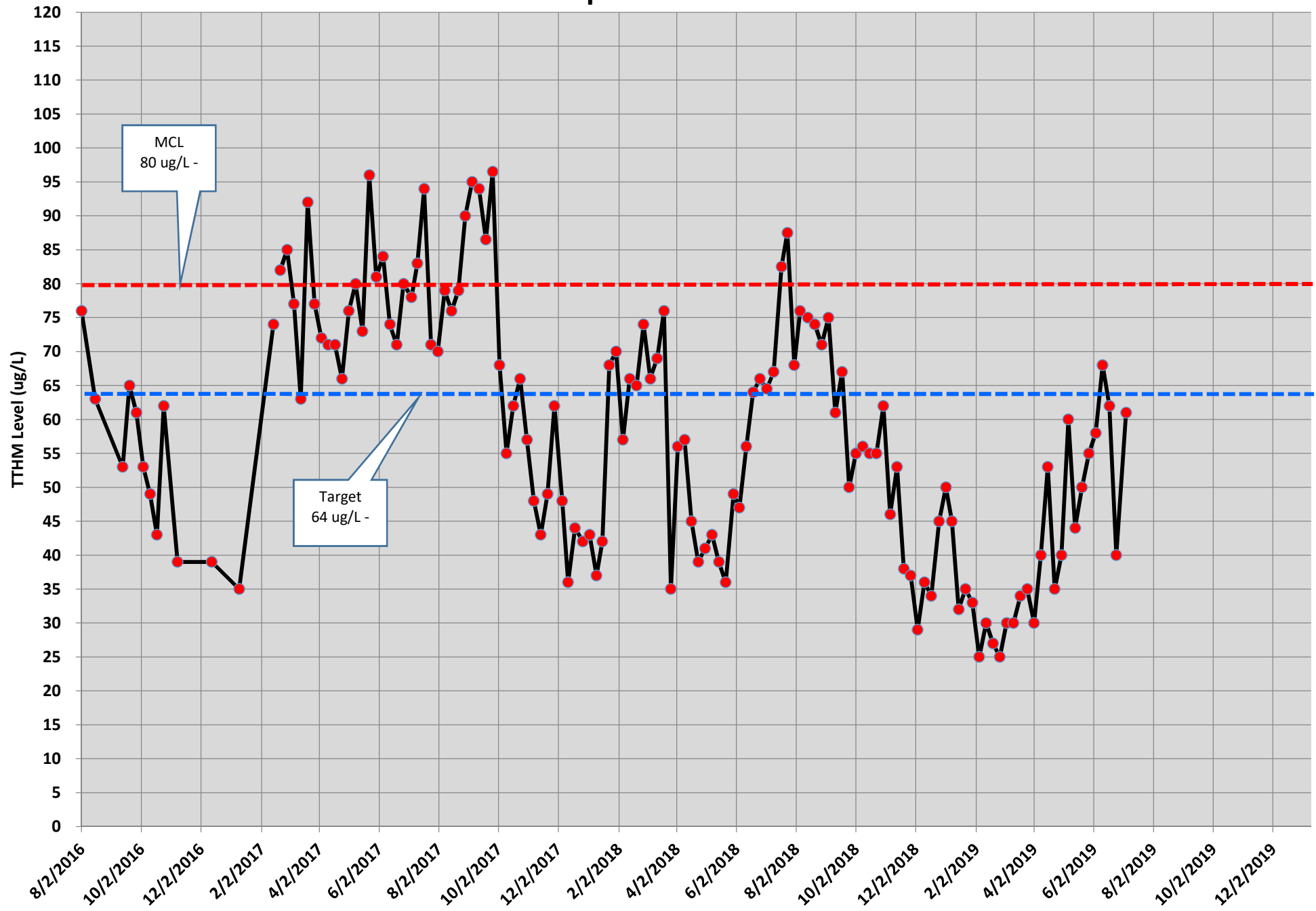
Ordunio Reservoir (Zone 2) - TTHMs Levels



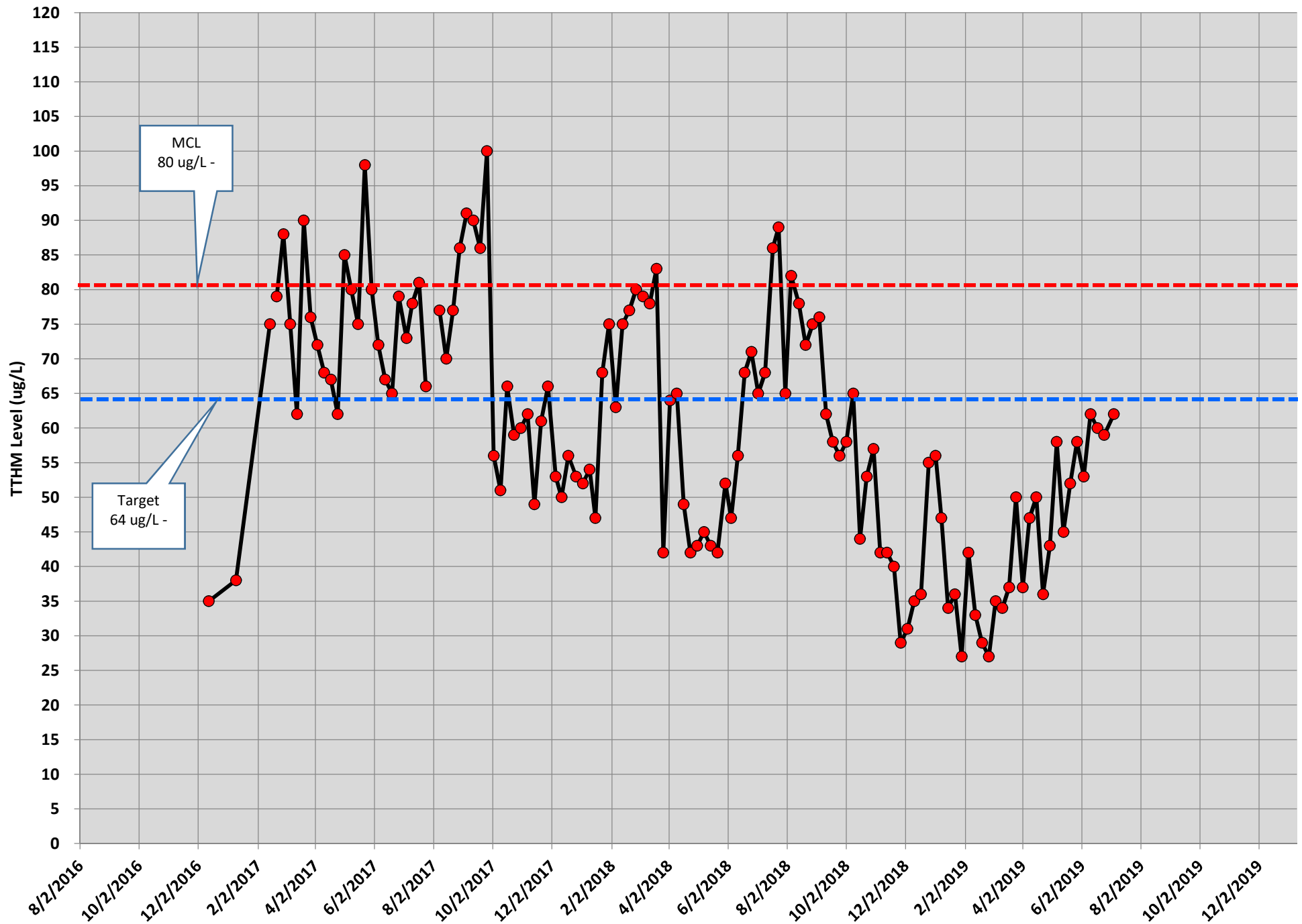
Rosemont Reservoir (Zone 3) - TTHMs Levels



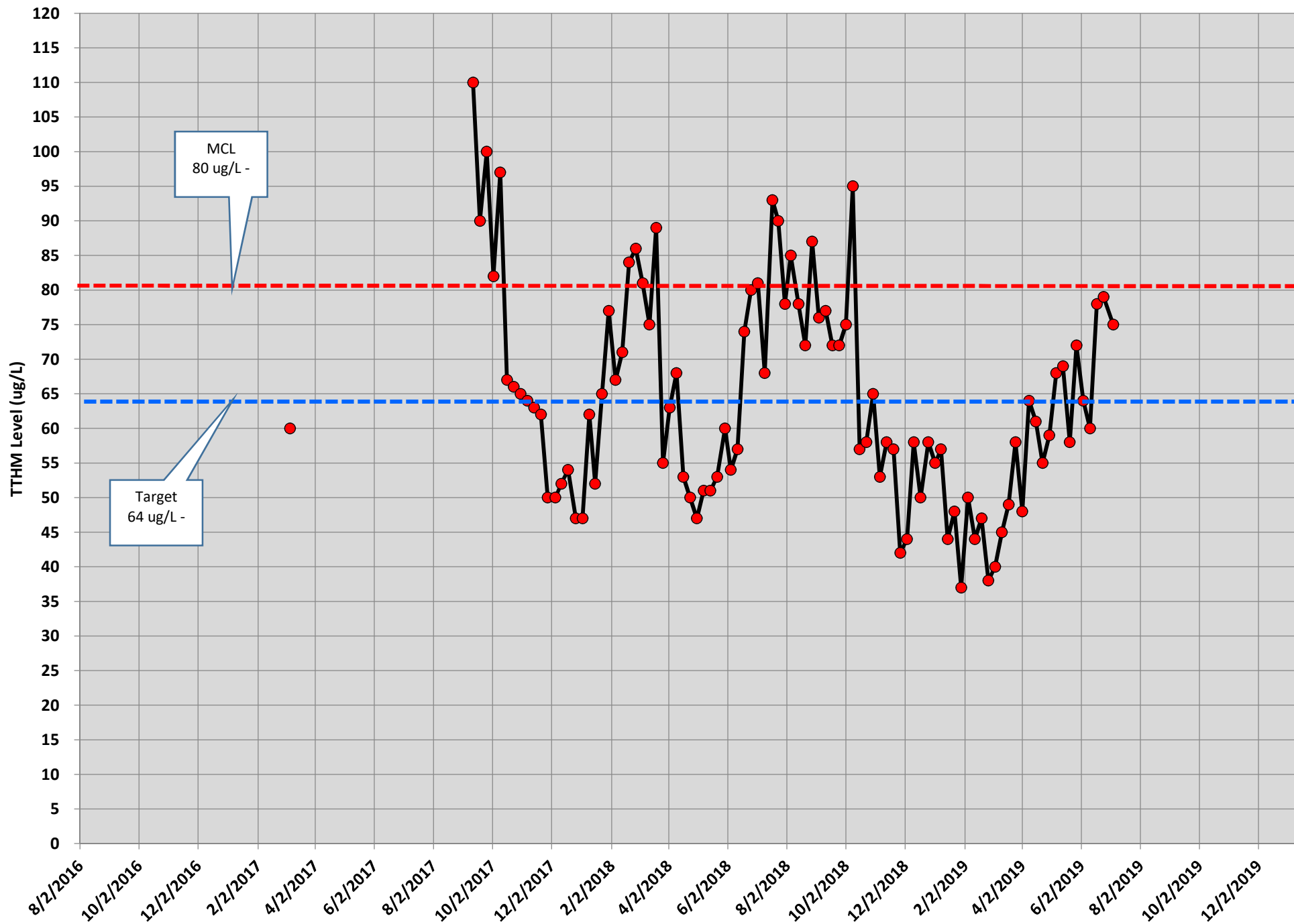
Oak Creek Reservoir (Zone 4) - TTHMs Levels Compliance Location



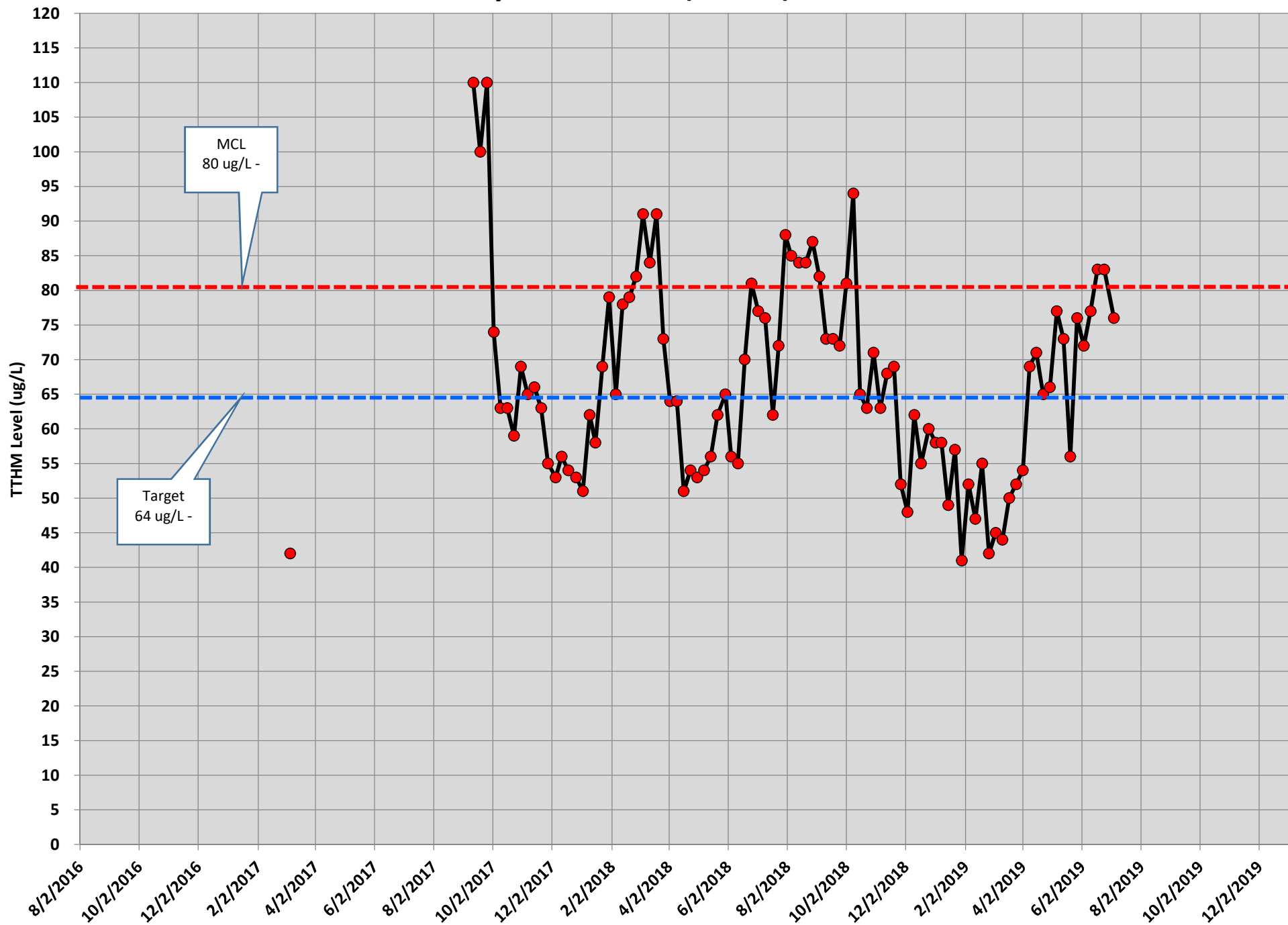
Markridge Reservoir (Zone 5) - TTHMs Levels



Eagle Canyon Reservoir (Zone 5) - TTHMs Levels

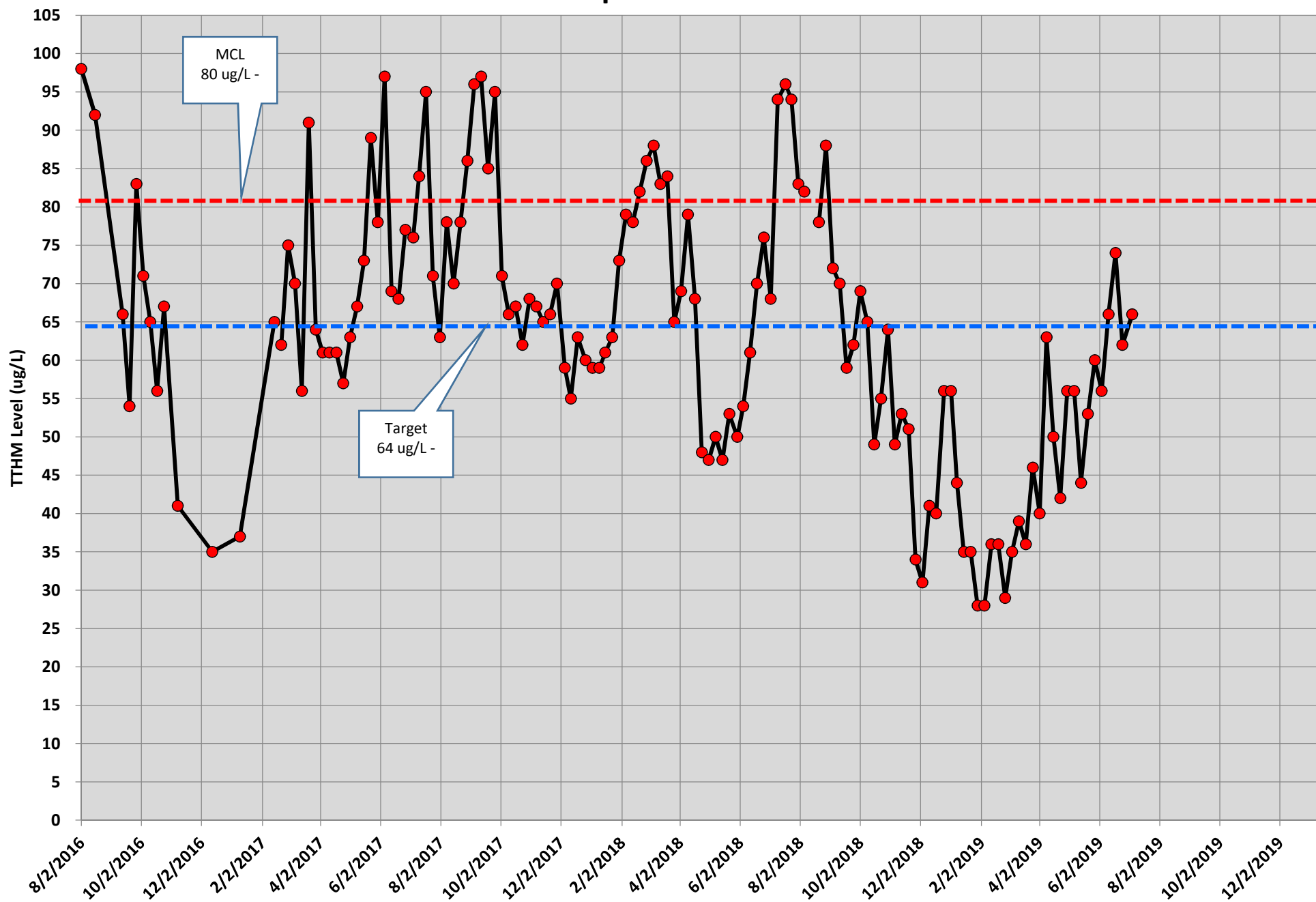


Goss Canyon Reservoir (Zone 6) - TTHMs Levels

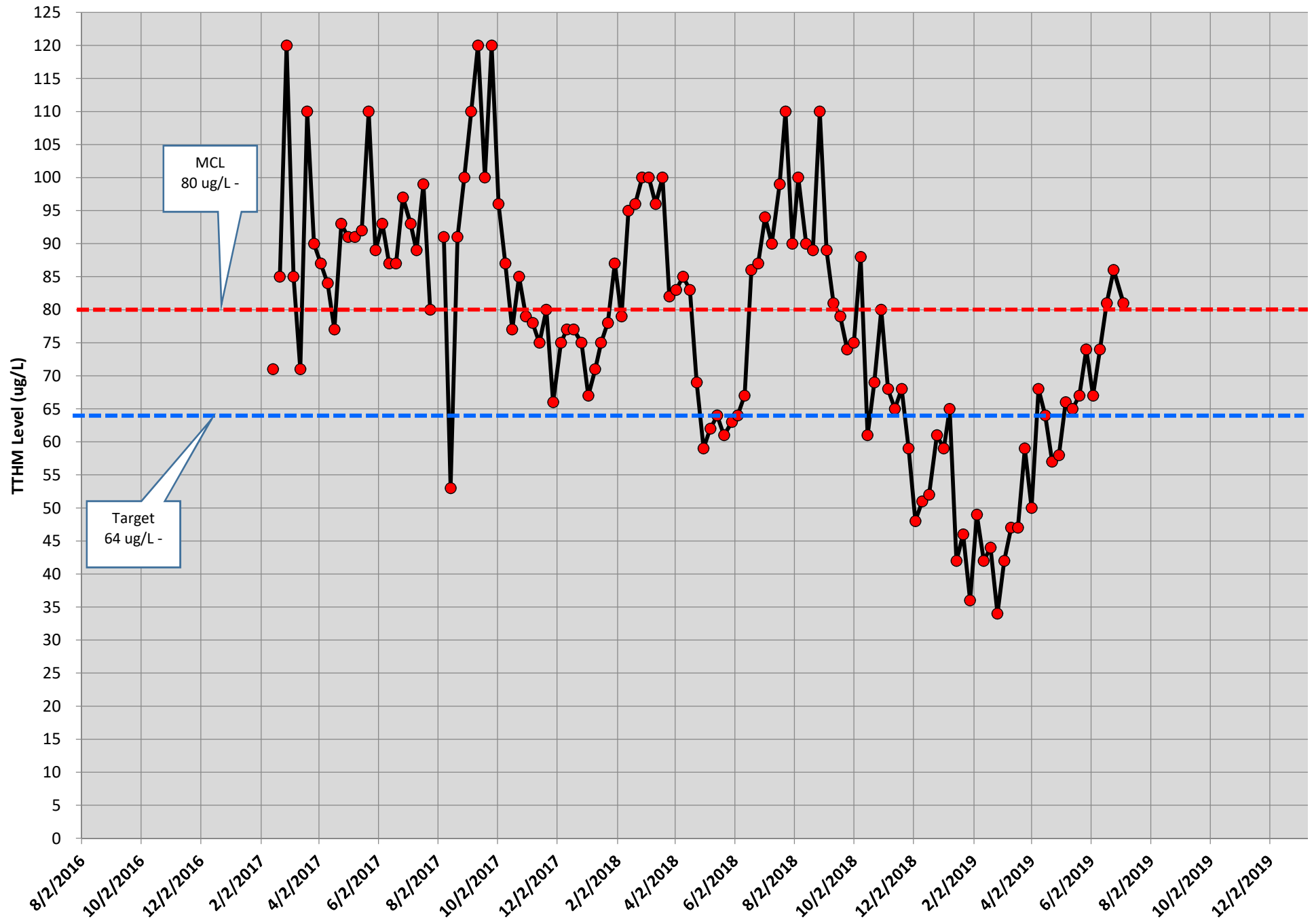


Dunsmore Reservoir (Zone 7) - TTHMs Levels

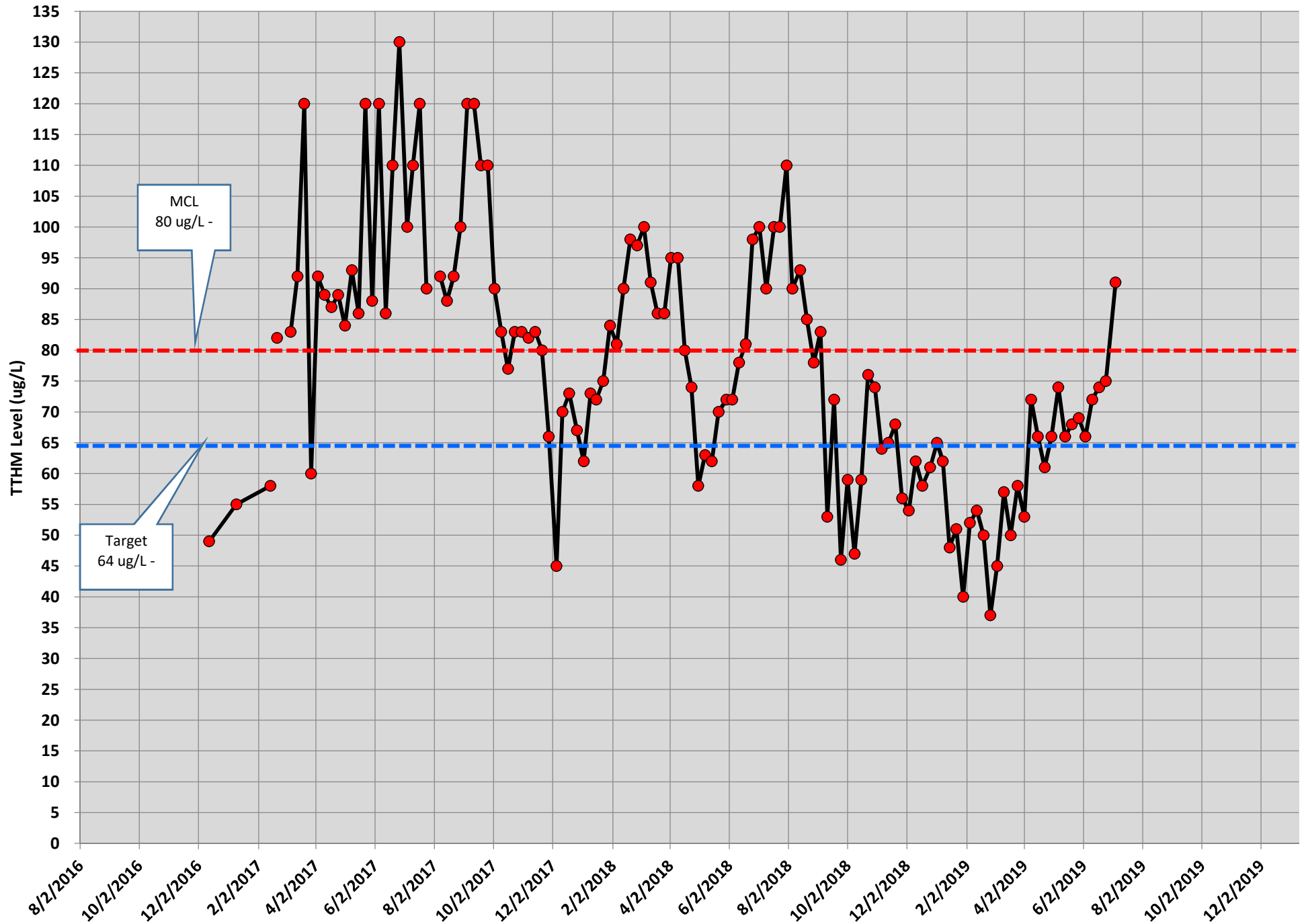
Compliance Location



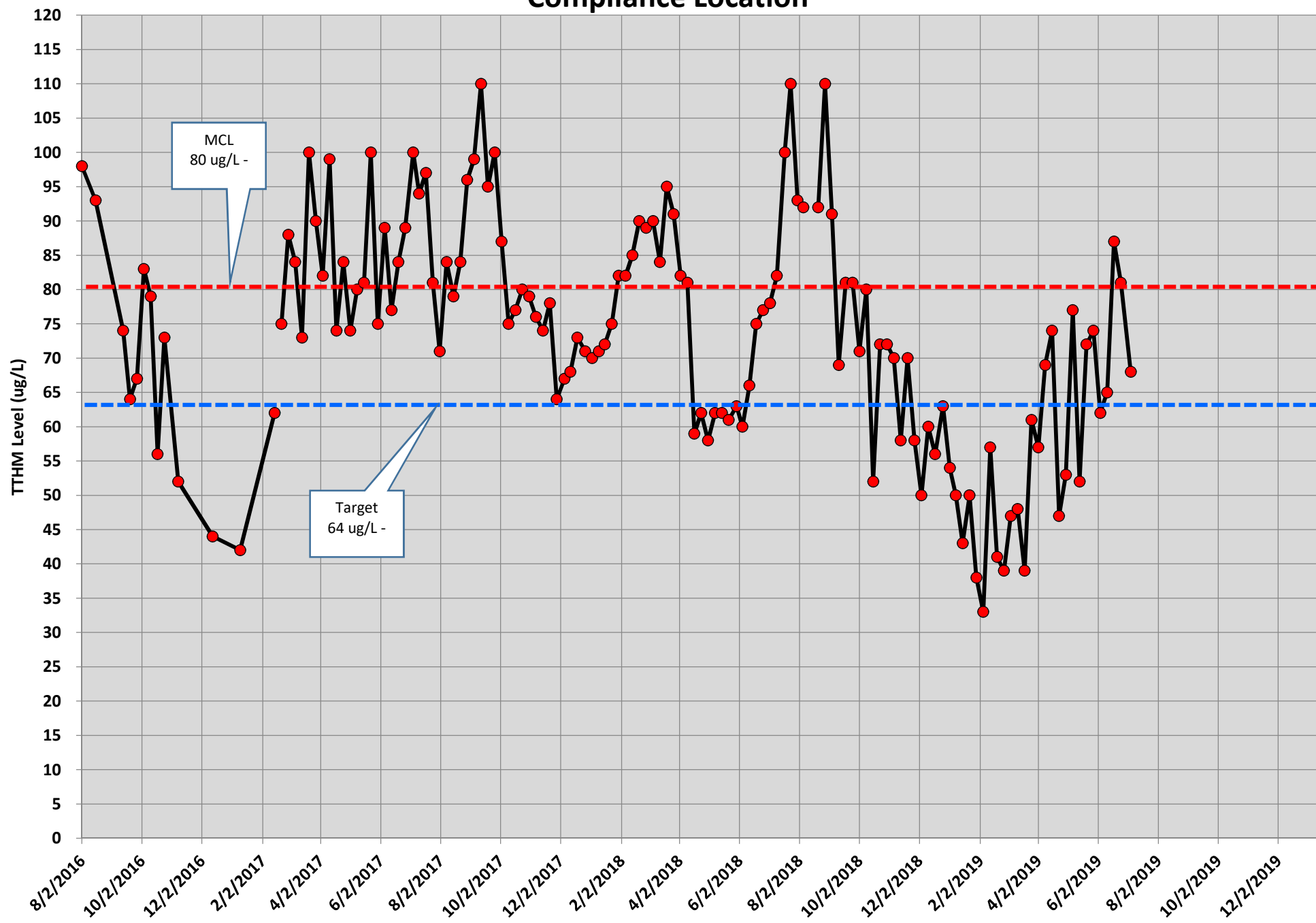
Cresta Heights Reservoir (Zone 8) - TTHMs Levels



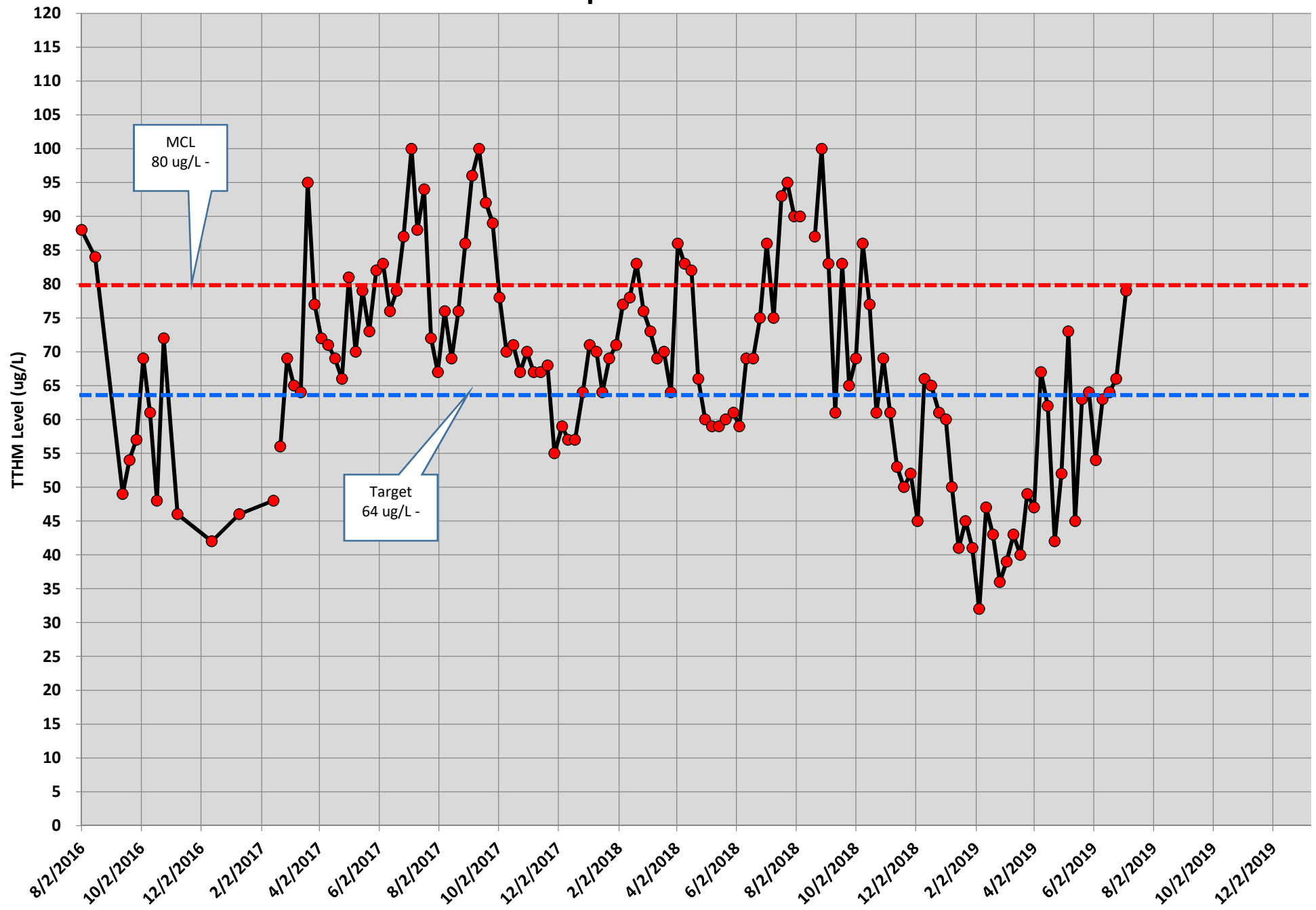
Edmund No. 1 Reservoir (Zone 9) - TTHMs Level



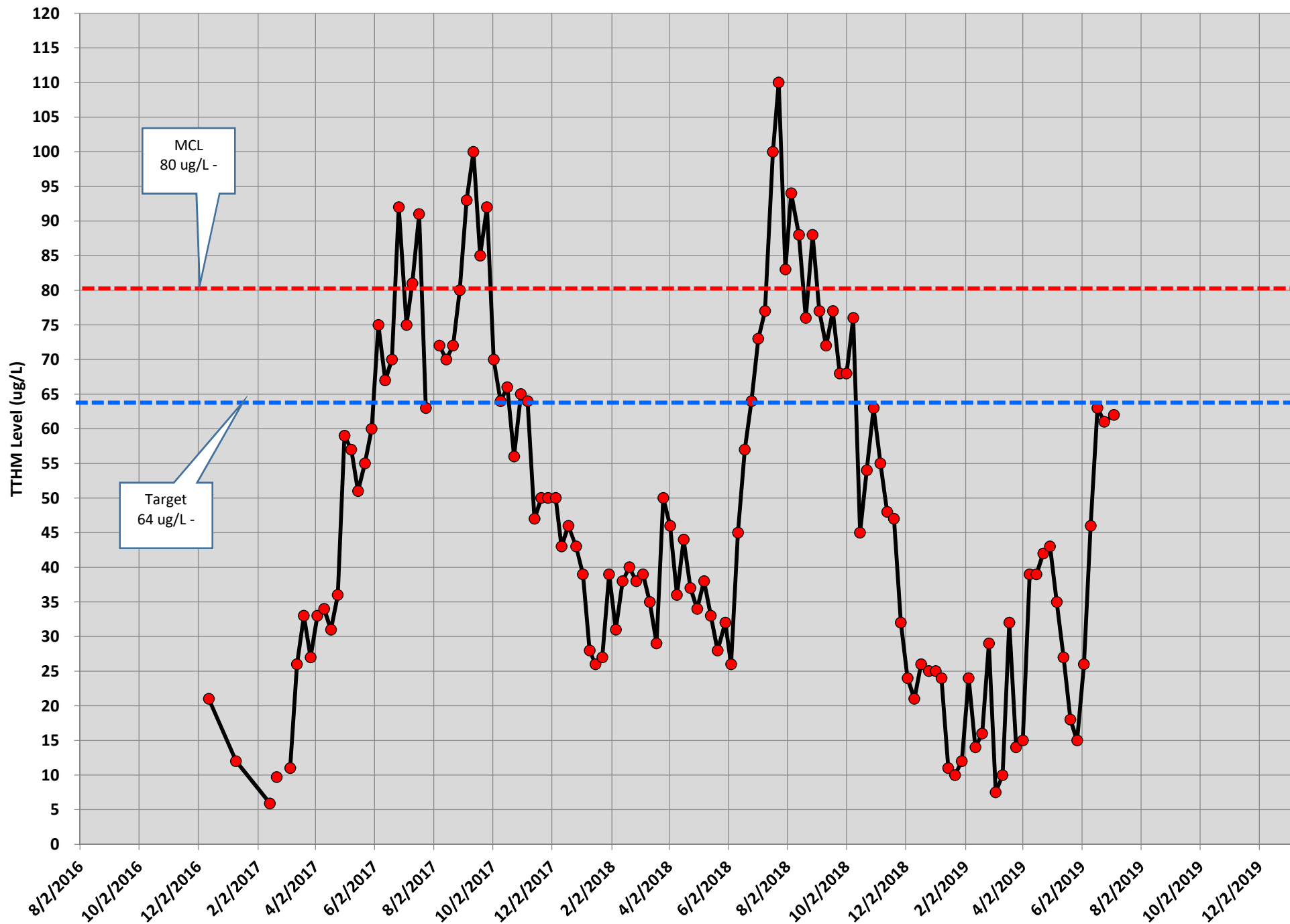
Edmund No. 2 (Zone 9) - TTHMs Levels Compliance Location



Shields Reservoir (Zone 10) - TTHMs Levels Compliance Location



Pickens Reservoir (Zone 11) - TTHMs Levels



CVWD Holds Off on Rate Increase



CVWD customer Michael Chonos, who has addressed the board previously, outlines his reasons against a proposed rate increase.

By Julie BUTCHER

The board of directors of the Crescenta Valley Water District (CVWD) began its meeting on Tuesday at it normally does: a member of the board of the Foothill Municipal Water District explained its 7% overall budget increase this year; board members scrutinized expenditures and revenue estimates in detail and heard that the Mesa Crest Water Company has been purchased by Liberty Park Water but should see no change in the service provided.

Then, in a move that stunned the handful of customers present to protest proposed water and sewer rate increases, board president James Bodnar announced that there would be

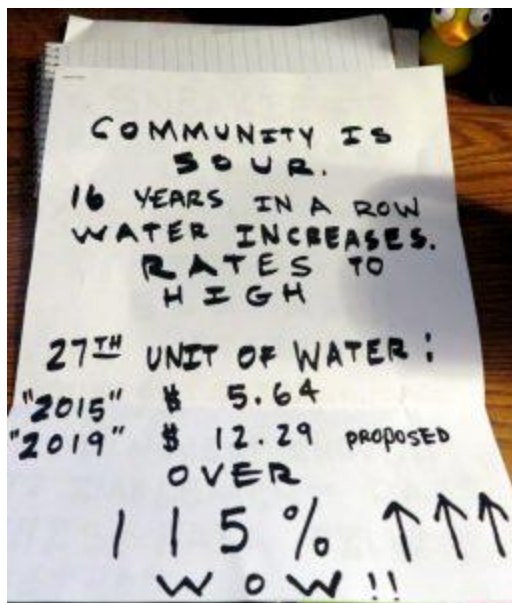
no vote on the increases at this meeting and that any rate increase contemplated would occur only after a new Prop 218 notice was debated, designed and distributed.

“Even though we sent out more than ten thousand notices, including to tenants, property owners, and parcel owners, in good faith we are listening [to], and we do care about, the community’s input.”

Instead of the two-page protest letter she had drafted to read at the meeting, Marilyn Imura Tyler expressed her surprise and appreciation.

“I appreciate your taking the concerns of the community seriously,” she said to the board.

Notwithstanding the announcement, several customers opted to speak in opposition to the increases. One questioned the rationale for different rates for residential, commercial and educational customers.



“It costs the same per unit to get water to my house as to a restaurant or to a school,” he said.

Michael Chonos had previously spoken at a public hearing on the proposed rate hikes. At Tuesday’s meeting, he handed out a two-page handwritten communique that stated, “Community is sour. 16 years in a row water increases. Rates to [sic] high.”

“We don’t want a rate increase. I think you found out over the internet that hundreds and hundreds and hundreds feel the same way,” Chonos said. “We do not want an increase. There are people on this board who have really low water bills. If you’re ‘that guy,’ you’re not really like us.”

Newest board member Sharon Raghavachary detailed the process by which she analyzes the district's budgets and documents, noting that she and her family are typical and "have everything you have. You don't want my bill."

District staff responded to questions about the process of protesting the rate increases by recounting the numbers: there are approximately 8,300 households served by the CVWD; to register a successful protest, more than 50% (4001) letters of protest would be needed.

As previously reported, there are three ways to register a protest.

1) Mail to CVWD, 2700 Foothill Blvd., La Crescenta, CA 91214

2) Email customerservice@cvwd.com. The protest must be scanned or photographed with a handwritten signature to be accepted. Emailed text will not be accepted. Ensure scans/photos are clear and legible. Recommended file types are PDF, jpg, bmp, png or tiff.

3) Hand delivery to CVWD, 2700 Foothill Blvd., La Crescenta. There is a drop box to the right-hand side of the door for protests submitted after hours.

The form to submit letters of protest can be found at www.cvwd.com.

However, until the board acts to revise its public notice, including the potential amounts of the increases, and publicly deliberates over the details of the announcement, submitting protest letters would be premature.

- [Glendale News-Press News](#)
- [Glendale News-Press](#)

Vote on Foothills area water rate hike delayed

By [Lila Seidman](#)

Jun 27, 2019 | 5:55 PM



A vote on proposed water and sewer rate hikes for Foothills communities has been pushed back to at least the end of August. A water authority delayed a vote set for June 25 because of resident concerns that renters were dissuaded from protesting the proposed increases. (Getty Images)

Crescenta Valley Water District board members have delayed voting on a proposed increase in water and sewer rates that would have affected roughly 33,000 residents living in the Foothill communities, citing community concerns that renters were not informed of their right to protest the proposed hikes.

A vote on the new rates was originally scheduled for this past Tuesday.

A reworded notice of the [proposed 7% and 4% increases](#) in water and sewer rates, respectively, will tentatively be sent out during the week of July 8 to customers in La Crescenta, Montrose and portions of Glendale and La Cañada Flintridge, according to Christy Scott, spokeswoman for the water agency.

A public hearing and possible vote on the proposed increases will be held Aug. 27, according to the current timeline, Scott added. If approved, customers could see their average combined monthly bills increase by about \$7.

According to La Crescenta resident Marilyn Tyler, the original notice sent out by the water district implied that only property owners could formally protest the proposed rate hikes.

“[Is the statement] an attempt to discourage renters from writing letters of protest, since it is renters struggling with high rents and other expenses who would be most likely to protest an increase in water and sewer rates?” Tyler wrote in one of two letters she sent to the district’s board members.

Previous notices, which are required by Proposition 218, clearly stated that all of the district’s customers could submit a written protest of the proposed changes, Tyler wrote, adding that the same wording was used between at least 2014 and 2018.

Tyler also wrote that the new notice omitted instructions for protest letters to include the sender’s address and signature, leading to the invalidation of some letters.

Her first letter, dated June 13, suggested her complaints could underpin a legal challenge.

Ultimately, the board agreed with Tyler out of an abundance of caution, Scott said.

“They wanted residents to understand that we didn’t do it to be confusing,” Scott said, referring to the change in the notice’s wording.

“We were actually trying to enhance our Prop. 218 notice and provide more information,” she added. “It was the fanciest Prop. 218 notice that we ever sent out.”

Under the proposed rates, monthly water bills would increase by an average of \$5.32 and monthly sewer service bills would increase by an average of \$1.66, according to the water district’s original notice.

Last year, water rates increased by 5.5%. They have risen [annually for the past 10 years](#).

Sewer rates reflect what the district charges customers to collect wastewater and transport it to a treatment center. Those rates last increased four years ago.

Driving up costs is a decreased availability of local groundwater sources, Scott said when the rate increases were initially proposed.

As a result, the district has been purchasing more water from Northern California and the Colorado River, which travels hundreds of miles through aqueducts and costs more than tapping into closer wells.

“I think every agency that pumps groundwater is having this problem because [of the] historic drought,” that spanned 2011 to 2017, Scott said.

While the past year saw record rainfall across the state, Scott said it will take at least 18 months before that water is available to pump locally.

Capital improvements, such as reservoir and well maintenance, were also cited as a major factor driving up the budget in the water agency’s original notice.

July 3, 2019

2019 AWARDS DINNER

Francisco Aragon, P.E. - President

Julian Garcia, P.E. - Past President

Christopher Sheppard, P.E. - Treasurer

David Tran, P.E. - Secretary

David S. Gould
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, CA 91214

RE: Outstanding Water Project - Winner

Dear Mr. Gould:

On behalf of the Awards Committee of the Metropolitan Los Angeles Branch of the American Society of Civil Engineers, I'm pleased to inform you that the New Biological Nitrate Removal Treatment Facility & Reactivation of Well No. 2 Project has been selected as the Outstanding Water Project of the Year. This award was established by the Metropolitan Los Angeles Branch to recognize projects that further advance the field of civil engineering and provide an exemplary display of the ASCE values. Award winners are also automatically nominated to the Section Awards, which are conferred to outstanding civil engineering projects in the seven branches that make up the Los Angeles Section.

Your award will be presented at the Branch's 2019 Awards Dinner, which is to be held on the evening of Friday, August 2nd, 2019 at the Dorothy Chandler Pavilion at the Los Angeles Music Center. We encourage you to RSVP for this event by Monday July 22nd, 2019 with Mercedes Passanisi (mpassanisi@dpw.lacounty.gov). As an award recipient, you are entitled to one complimentary ticket, event details are attached.

As an honoree, we would like to invite you or your organization and your consultants to sponsor the event as it helps subsidize student attendance to the awards dinner. Enclosed is a flyer which details the different sponsorship levels and accompanying benefits. This is a great promotional opportunity attended by firms, agencies and people from our industry who have helped shape Los Angeles.

Congratulations again on this great achievement. We look forward to your attendance

Sincerely,



www.ascemlab.org

Francisco Aragon, P.E.
2018-2019 President
Metropolitan Los Angeles Branch
American Society of Civil Engineers

CRESCENTA VALLEY WATER DISTRICT

General Manager Report

GM Report
July 9, 2019

To: Honorable President and Members of the Board of Directors
From: Nem Ochoa, General Manager
Subject: **General Manager Report**

General Managers Report Topics:

- GM Activities

The following are some highlights in this month's report:

- Water Production
- Hydrology Report
- Engineering Projects
- Operational Activities

STAFFING

Four (4) employees have a work anniversary in July. Morgen DuRose – 18 years, Steve Dulay – 13 years, Christina Olmedo – 13 years, Wayne Boyce – 1 year.

As of July 5th the District has gone 1,851 days without a lost time accident.

GENERAL MANAGER ACTIVITIES

Meetings:

Management staff meetings
Labor Negotiations

- July 1st, July 8th
- June 26th, July 2nd

Submitted by:



Nem Ochoa
General Manager

Engineering and Operations

July 9, 2019
Staff Report

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: Engineering & Operations – June 2019

1. Water Production Report

- June 1 – 30 - Water production – 50%/50% split – 104.5 MG for the time period
- Average use – 1.9% less than 2018 and 7.8% less than 5-yr average
- FY 18/19 – 3,725 ac-ft actual; 4,200 ac-ft projected; 475 ac-ft or 11% below projected

2. Rainfall Update

- 0.23” for June 2019
- Rainfall Total for Rainfall Year 2018/19 – 32.03”

3. Report on Engineering

- **CIP Projects**
 - Well 1 & 7 Rehabilitation - Well 7 – Work to resume in late July 2019
 - Pipeline Replacement - 3200 & 3300 Block of Brookhill – Design 90% complete
 - Markridge Reservoir Rehabilitation – Award design services contract to Harper and Associates Engineering, Inc. for \$14,000
- **Nitrate Removal Treatment Facility at Well 2 Project**
 - Well 2 in service – 90 gpm or 8% increase in GW production
 - APTwater - transfer operations to CVWD by the end of December 2019
- **Grant Program**
 - USBR WaterSMART Water and Energy Efficiency Grant – Not awarded – Awarded to top 45 applications out of 111 application submitted
 - Hazard Mitigation Grant Program (HMGP) – submitted grant application for \$125,000
- **Water Meter Replacement Program**
 - Met with UtiliWorks to prepare RFP for AMI Communications Network
 - Program to re-start in September 2019

4. Report on Administrative and Field Operations

- **Wells Status** - Well production capacity – increased to 1.9 mgd with Well 2 in service and Well 7 still out of service

5. Developer Projects

- 2225 Mira Vista – New 9-unit apartments – Establishing contract with developer
- 2218 Montrose – New 9-unit apartments – Under construction; completion 7/15/19
- 4520 Montrose – New 6-unit apartments – Waiting on developer
- 2341 Mira Vista – New 6-unit apartments – Waiting on developer
- 2314 Montrose – New 5 unit apartments – Waiting on developer

6. Street Projects

- Pennsylvania Paving Project – City of Glendale – Under Construction
- Verdugo Paving Project – City of Glendale – Design Phase
- Sports Medicine Building at CVHS – New water services; scheduled for 7/22/19
- Cloud Pre-school – GUSD – Under design; new fire hydrant

7. **Field Maintenance & Operations – June 1, 2018 – June 30, 2019**

- **Water Lateral Leaks & Repairs**

2420 Frances	3449 Montrose	2059 Hilldale
3132 Orange	2351 Jayma Ln	

- **Water Main Leaks**

- No Report

- **Valve Replacement**

- No Report

- **Fire Hydrant Repair**

- No Report

- **Booster Pump Maintenance**

- No Report

- **Reservoir Maintenance**

- No Report

- **Sewer Maintenance – June 1, 2018 – June 30, 2019**

- Program to restart on July 1, 2019 as the work for the conversion to chloramines at Glenwood and Mills plants have been completed
- Lift Station Maintenance: scheduled for 7/12/19

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

June 1 - June 30, 2019

Well Production:	45,074,885	Gals		
GWP Production:	5,232,663	Gals		
Gravity Production:	1,517,400	Gals	% GW	50%
Purchased Water:				
FMWD:	52,692,158	Gals		
City of Glendale:	0	Gals	% Import	50%
TOTAL:	104,517,106	Gals		
	320.75	ac-ft		
Glenwood Nitrate Water				
Reclamation Plant:*	920,000		*Included in Well Production	

WATER DEMAND COMPARISON

Time Period	Average Daily Usage (gals)	Current Period Change
June 1 - June 30, 2019	3,591,753	
June 1 - June 30, 2018	3,662,788	-1.9%
5-yr Average - June 2014 - 2018	3,896,843	-7.8%

RAINFALL: June 1 - June 30, 2019 0.23"

Season-To-Date: 32.03"

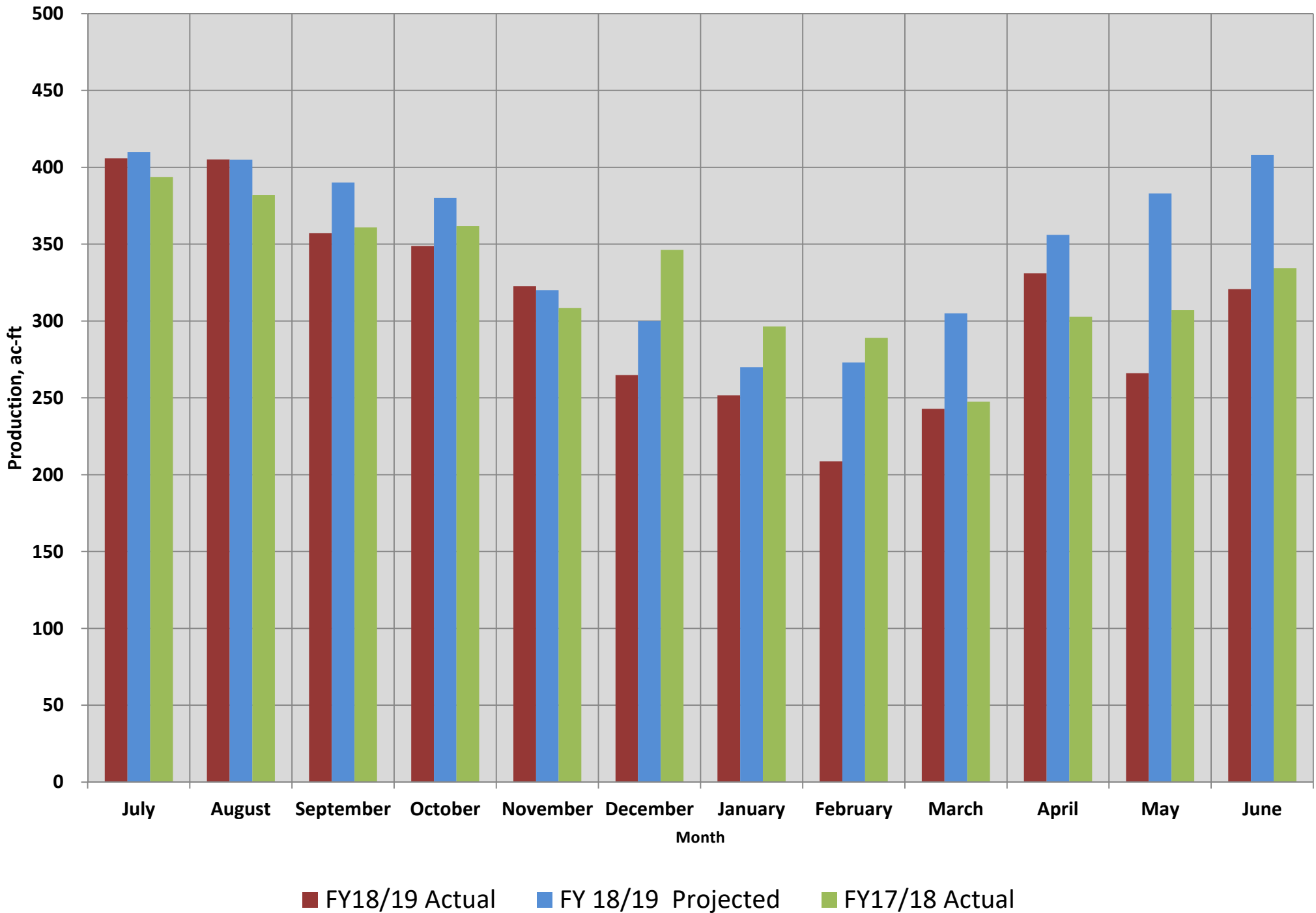
2018/19 Fiscal Year Water Production			WY 18/19 - Groundwater Production Water Rights		GWP (Well 16) Water Production - 2019		Purchased Water Production Tier 2 Allocation - 2019	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Month	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	406	410	October	129	January	18	January	123
August	405	405	November	113	February	16	February	77
September	357	390	December	114	March	16	March	77
October	349	380	January	118	April	15	April	155
November	323	320	February	120	May	17	May	105
December	265	300	March	157	June	16	June	162
January	252	270	April	168	July		July	
February	209	273	May	151	August		August	
March	243	305	June	148	September		September	
April	331	356	July		October		October	
May	266	383	August		November		November	
June	321	408	September		December		December	
Total to Date	3,725	4,200	Total to Date	1,217	Total to Date	98	Total to Date	699
Projected	3,725	4,200	Water Rights	3,294			Tier 2	2,154
% of Projected	88.7%	100.0%	% of Rights	37%			% of Allocation	32%
Remaining	475	0	Remaining	2,077			Remaining	1,455

NOTE:

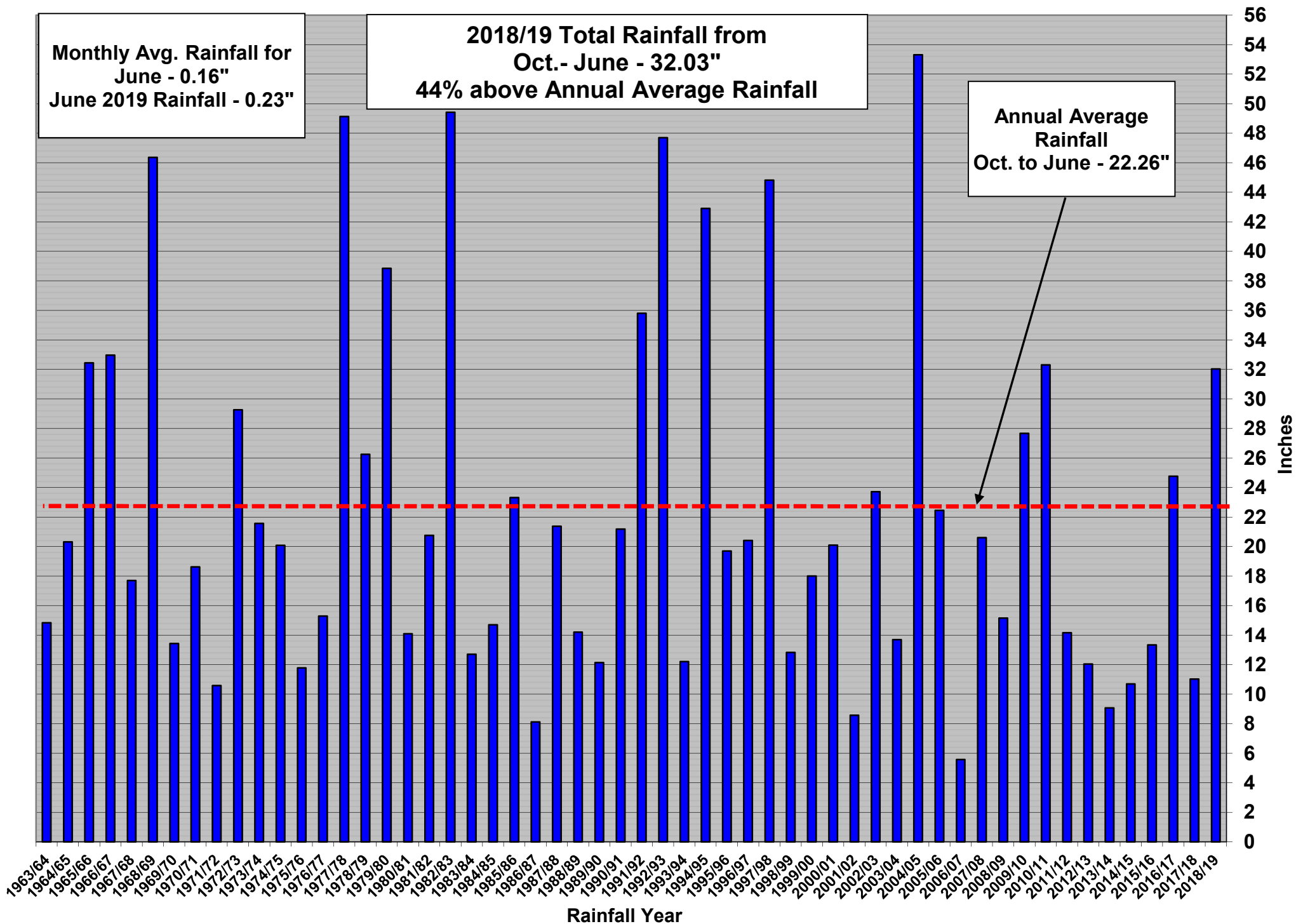
1) Blue Numbers = Estimated Water Production

Monthly Water Production:

FY18/19 Actual, FY18/19 Projected & FY17/18 Actual



Monthly Rainfall - 1963/64 - 2018/19 (Oct.- June)



Water Demand Projections - FY 00/01 to FY 29/30

