MCWD 2015 UWMP Appendices

A. Definitions and Abbreviations

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Acre-Feet – Also **ac-ft.** An acre-foot is the amount of water covering one acre with one foot of water. It is equivalent to 325,851 gallons.

Adaptation strategies – In relationship to responding to climate change, these are methods to undertake to respond to the effects of climate change.

AWWA – American Water Works Association. An international non-profit association dedicated to improving water management and water quality.

Base daily per capita water use – The District's estimate of average gross water use, reported in gallons per capita per day and calculated over a continuous 10-year period ending no earlier than December 31, 2004, and no later than December 31, 2010. A second base period is a continuous five-year period, and is used to determine whether to 2020 per capita water use targets meets the legislation's minimum water use reduction requirement.

CASGEM – California Statewide Groundwater Elevation Monitoring. A new state requirement created by SBX7-7, establishing a statewide program to collect groundwater elevations and report the information to the public.

CDEC – The California Exchange Center. A website developed by DWR to share state hydrological data.

Compliance daily per capita water use – the gross water use during the final year of the reporting period, reported in gallons per capita per day (CWC § 10608.12 (e)).

Customer Water Demand – The amount of metered delivered water. This demand figure excludes water losses, water treatment plant process water and recycled water deliveries.

CWC – California Water Code.

District – Mammoth Community Water District.

DMM or Demand Management Measures – Water Conservation measures, programs, and incentives that prevent the waste of water and promote the reasonable and efficient use and reuse of available supplies (CWC § 10611.5).

DWR – California Department of Water Resources.

Effective Population – An adjusted population measurement that accounts for both the full time resident population and the combined transient population of seasonal workers and tourism-based visitors. The community water use on a per capita basis is then calculated using the effective population. Effective population is calculated as (PAOT minus resident population)x(average annual occupancy rate for transient housing and lodging) + resident population.

GPCD – Gallons per capita day.

Gross water use – The total volume of water entering the potable water distribution system. Recycled water for irrigation and water used to backwash filters at the treatment plant is excluded. Water losses caused by meter reading errors and leaking pipes are included in this use category.

GWMP – Mammoth Community Water District's Groundwater Management Plan. The District's planning document to monitor and manage groundwater production in a sustainable manner. The plan can be accessed at www.mcwd.dst.ca.us/ProjectsReports/GWMP.

GWTP – Groundwater treatment plant.

HECW – High efficiency clothes washer. For the purposes of MCWD, a HECW has a water factor of 4.5 or less.

Interim urban water use target – the mid-point between the urban retail water supplier's base daily per capita water use and the urban retail water supplier's urban water use target for 2020 (CWC 10608.12(j)).

IRWM or Integrated Regional Water Management – A regionally based collaborative effort to manage all aspects of water resources within a region. This effort involves forming a group of water resource related stakeholders to develop an IRWM Plan.

Interim urban water use target - The midpoint between the base daily per capita water use and the urban retail water supplier's urban water use target for 2020.

LADWP – Los Angeles Department of Water and Power.

LMWTP – Lake Mary Water Treatment Plant.

Lower Income – Includes persons and families whose income does not exceed the qualifying limits for lower income families as established by Section 8 of the U.S. Housing Act of 1937. Lower income households includes very low income households as defined in Section 50105, and extremely low income households, as defined in Section 50106.

MAWA – Maximum Applied Water Allowance refers to the upper limit of annual water applied to an established landscaped area. Determining MAWA requires local evapotranspiration (ET) rates, an ET adjustment factor (adjusts for irrigation efficiency and plant water requirements), and the landscape area.

MCWD – Mammoth Community Water District.

MGD – Million gallons per day.

Mitigation strategies – In relationship to climate change, these are actions taken to reduce greenhouse gas emissions.

PAOT – People at One Time.

RWQCB – Regional Water Quality Control Board.

SCADA – Supervisory Control and Data Acquisition. This system allows District staff to access data regarding the water and wastewater systems and to control the processes as needed.

Service Area – A Mono County Local Agency Formation Commission boundary to ensure efficient community services and land use planning.

Snow water content – Also referred to as snow water equivalent. This is a measurement of the amount of water contained in the snowpack.

SWRCB – State Water Resources Control Board.

Target Method – One of four methods to calculate an urban retail water supplier's urban water use target pursuant to CWC 10608.20(a).

Town – The incorporated Town of Mammoth Lakes.

Urban water use target - The District's targeted future daily per capita water use.

USFS – United States Forest Service.

UWMP – Urban Water Management Plan.

Urban Growth Boundary – A regional planning tool used to delineate urban growth boundaries from open space. The Town of Mammoth Lakes adopted an Urban Growth Boundary policy in 1993.

VFD – Variable frequency drive.

WW – Wastewater.

Mammoth Community Water District
Post Office Box 597
1315 Meridian Blvd.
Mammoth Lakes, CA 93546
(760) 934-2596 ext. 314

December 15, 2015

[Addressee]

Dear Sir or Madam,

Subject: Water District Update of Urban Water Management Plan

The Mammoth Community Water District (MCWD) will be updating its 2010 Urban Water Management Plan (UWMP) pursuant to the California Urban Water Management Planning Act (California Water Code Division 6, Part 2.6). This Act is intended to ensure water suppliers conduct long-term planning of water resources so that adequate water supplies are available to meet existing and future demands in their service area. The 2015 UWMP will include a discussion of the following topics:

- A description of the District's water system;
- A description of existing and planned sources of water supply in relationship to the existing and projected water demand;
- Conservation efforts to reduce water demand;
- An assessment of future water supply reliability; and
- A water shortage contingency analysis.

If you have information regarding land-use planning decisions that may affect water consumption over the next 20 years or if you have comments, questions or both, please contact me directly.

The UWMP is scheduled for completion on July 1, 2016. A public hearing to explain the plan and accept comments will take place in May or June 2016. The MCWD Board of Directors will consider adoption of the plan at the regularly scheduled Board meeting on June 16, 2016. You will receive confirmation of the date and time for the hearing 30 days prior to its occurrence.

The MCWD 2010 Urban Water Management Plan is available on the District's website, http://www.mcwd.dst.ca.us/assets/2010-final-uwmp-reduced.pdf.

Sincerely,

Irene Yamashita
iyamashita@mcwd.dst.ca.us

The following notice of a public hearing was published December 9 and 16, 2016 in The Sheet, a local weekly newspaper.

Mammoth Community Water District
Notice of Public Hearing Regarding the Intent to Adopt an Urban Water Management Plan

The Mammoth Community Water District (District) will be holding a public hearing regarding a proposal to adopt the 2015 Urban Water Management Plan (UWMP) at 5:30 pm on January 19, 2017 in the conference room at the District offices located at 1315 Meridian Boulevard in Mammoth Lakes, California. This plan is an update of the 2010 UWMP.

The purpose of the plan is to ensure that the water supplier has an appropriate level of water supply reliability sufficient to meet the needs of its customers during normal, dry and multiple dry years within a 20-year planning horizon. The plan must describe water supply, water demand, and specific measures being implemented to reduce water usage by 20% by the year 2020 compared to baseline demand. The Urban Water Management Plan must be updated and adopted every five years.

Copies of the Draft 2015 UWMP will be available for public inspection at the District office, on the District website, www.mcwd.dst.ca.us, and at the Mammoth Lakes Public Library at 400 Sierra Park Road in Mammoth Lakes.

Comments, concerns, or suggested revisions that are relevant to the proposed plan must be submitted by January 2, 2017 to receive a written response from the District. However, comments may be submitted during the hearing. Correspondence prior to the hearing may be transmitted by:

U.S. Mail: Mammoth Community Water District
2015 UWMP
P.O. Box 597
Mammoth Lakes, CA 93546

Fax: (760) 934-4080
Attn: 2015 UWMP

E-mail: iyamashita@mcwd.dst.ca.us
Subject line: Draft 2015 UWMP

PROOF OF PUBLICATION

#2016-0229

This Space is for the County Clerk's Filing Stamp

STATE OF CALIFORNIA COUNTY OF MONO

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of

THE SHEET

a newspaper of general circulation, published in

COUNTY OF MONO

The Sheet was adjudicated on December 28, 2009, as a newspaper of general circulation for the Town of Mammoth Lakes and Mono County, CA.

The notice, of which the annexed is a printed copy (set in the type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to with:

Dec. 10th, and 17th.

all in the year **2016**

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Dated at Mammoth Lakes, California, the 20th **day of December , 2016**

Signature

Proof of Publication of

Notice of Public Hearing

Notice of Public Hearing

Notice of Public Hearing Regarding the Mammoth Community Water District's 2015 Urban Water Management Plan

On Thursday January 19, 2017 at 5:30 p.m., the Mammoth Community Water District (MCWD) will be holding a public hearing on the 2015 Urban Water Management Plan (UWMP). The hearing will take place at MCWD's conference room located at 1315 Meridian Boulevard in Mammoth Lakes, California.

This plan is an update of the 2010 UWMP.

The purpose of the plan is to ensure that the water supplier has an appropriate level of water supply reliability sufficient to meet the needs of its customers during normal, dry and multiple dry years within a 20-year planning horizon of Town buildout. The plan describes water supply, water demand, meeting state mandated reduction targets, and specific measures being implemented to reduce demand. The Urban Water Management Plan must be updated and adopted every five years.

The hearing will allow for community input on the plan, consider economic impacts of the UWMP, and review the MCWD's method for the determination of its urban water use target.

Copies of the Draft 2015 UWMP are available for public inspection at the MCWD office, on the MCWD website, www.mcwd.dst.ca.us, and at the Mammoth Lakes Public Library at 400 Sierra Park Road in Mammoth Lakes.

Written comments on the plan should be received by January 2, 2017. Comments may be submitted by email, iyamashita@mcwd.dst.ca.us, faxed to 760-934-4080, or sent to Irene Yamashita, P.O. Box 597, Mammoth Lakes, CA, 93546. Written comments should be. Comments may also be submitted or presented orally during the public hearing. For additional information, contact Irene Yamashita at (760) 934-2596 ext. 314.

TS #2016-0229

RESOLUTION NO. 01-19-17-04

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MAMMOTH COMMUNITY WATER DISTRICT ADOPTING THE 2015 URBAN WATER MANAGEMENT PLAN

WHEREAS, the California Urban Water Management Planning Act (Act), Water Code Section 10610, requires every urban water supplier with an annual customer base greater than 3,000 or annually provides more than 3,000 acre-feet of potable water to prepare and adopt an urban water management plan;

WHEREAS, the Act requires each urban water supplier to update the plan at least once every five years; and

WHEREAS, the Water Conservation Act of 2009, Water Code Section 10608 (SB X7-7), requires urban water suppliers reduce water use by 20% in the year 2020. UWMPs are required to include baseline daily per capita water use, interim reduction targets for 2015, and final targets for the 20% reduction in 2020;

WHEREAS, the California Urban Water Management Planning Act requires the amendments to, or changes in, the plan to be adopted and filed with the Department of Water Resources no later than 30 days after adoption;

WHEREAS, the Mammoth Community Water District has reviewed its 2010 Urban Water Management Plan and, as a result of that review, has prepared an updated plan that reflects necessary changes or amendments;

WHEREAS, the Mammoth Community Water District coordinated with the Town of Mammoth Lakes, published two public hearing notices, provided the public the opportunity for review and comment; and

WHEREAS, a public hearing was held on January 19, 2017 at 5:30 p.m. in the Board Room of the District, located at 1315 Meridian Blvd, Mammoth Lakes, California, to allow for community input regarding the UWMP, consider the economic impacts of the UWMP, and adopt a method for determining its urban water use targets.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Mammoth Community Water District as follows:

1. The Board finds that the plan contains all elements required by the Act and therefore approves and adopts the 2015 Urban Water Management Plan and the methods stated therein for determining its water use targets.

2. The General Manager is authorized and directed to file the District's 2015 Urban Water Management Plan with the California Department of Water Resources, the California State Library, and the County of Sacramento within 30 days of its adoption.

3. The General Manager or his designee will make a copy of the District's adopted 2015 Urban Water Management Plan available for public review during normal business hours within 30 days of its adoption.

PASSED AND ADOPTED by the Board of Directors of the Mammoth Community Water District at a regular meeting held on the 19th day of January 2017 by the following vote of the Board:

AYES:	Directors Cage, Creasy, Domaille, and Smith
NOES:	None
ABSENT:	None
ABSTAIN:	Director Kaufman

MAMMOTH COMMUNITY WATER DISTRICT

Thomas R. Smith, President
Board of Directors

ATTEST:

Patrick A. Hayes, Secretary
Board of Directors

DIVISION XII WATER SHORTAGE CONDITIONS, WATER CONSERVATION STANDARDS AND REGULATIONS, AND ENFORCEMENT

Section 12.01 Water shortages and Water Conservation Standards and Regulations.

A. Purposes

1. This Section 12.01 establishes certain permanent and mandatory water management requirements necessary to conserve water, enable effective water supply planning, assure reasonable and beneficial use of water, prevent waste of water, prevent unreasonable use of water, and prevent unreasonable methods of use of water within the District service area in order to assure adequate supplies of water to meet the needs of the public, and further the public health, safety and welfare, recognizing that water is a scarce natural resource that requires careful management not only in times of drought, but at all times.

2. This Section 12.01 also establishes regulations to be implemented during times of declared water shortages, or declared water shortage emergencies. It establishes four levels of actions to be implemented in times of shortage, with increasing restrictions on water use in response to decreasing water supply or water production capabilities.

3. Levels 1 through 4 water supply shortage measures are mandatory and require increasingly restrictive measures in order to attain escalating conservation goals. All levels will be reinforced through public education and awareness measures.

B. Application of Section 12.01

1. This Section 12.01 applies to any person using potable or raw water provided by the District, including persons located outside the District.

2. The provisions of this Section 12.01 do not apply to uses of water necessary to protect public health and safety or for essential government services, such as law enforcement, fire and other similar emergency services.

3. Nothing in this Section 12.01 is intended to affect or limit the ability of the General Manager or his/her designee to declare and respond to an unforeseeable disaster or water emergency, such as an earthquake or other major disruption of the District's water supply, pursuant to the general laws of the District or other provisions of law applicable to the District.

C. Permanent Water Conservation Requirements - Prohibition Against Waste
{Subsection 12.01.C Amended by Ordinance No. 04-01-15-08, eff. 04-10-15}

1. Intent

Because Mammoth Lakes is a semi-arid region, water conservation must be practiced on a regular, year-round basis. California and Mammoth Lakes have historically experienced severe and extended drought periods which have the potential to limit available water supplies for the Mammoth Lakes community's current and future population. Therefore, it is critical that the public become water conscious and conserve water at all times.

2. Permanent Water Conservation Requirements

The following water conservation requirements shall be in effect at all times regardless of whether or not any declared water shortage is in effect, and are permanent and mandatory. They are necessary to conserve water, enable effective water supply planning, assure reasonable and beneficial use of water, prevent waste of water and prevent unreasonable use of water. Violations will be considered a waste and an unreasonable use of water and are subject to penalties as provided in Section 12.02 of this Division XII and by other applicable law.

(a) **Runoff and Ponding** – No person shall cause or permit any District supplied water furnished to any property to flow from any hose, pipe, valve, faucet, sprinkler, or irrigation device for a distance of 50 feet or greater if such flow can reasonably be prevented or allow water to pond greater than 0.25 inch in a street, parking area, or on other impervious surfaces.

(b) **No Overfilling of Swimming Pools and Spas** – Overfilling of swimming pools and spas such that overflow water is discharged onto an adjoining sidewalk, driveway, street, alley, gutter or ditch is prohibited.

(c) **Leaks** – No person shall permit leaks of water that he/she has the authority to eliminate.

(d) **Washing Hard Surface Areas** – Washing down hard or paved surfaces, including but not limited to sidewalks, walkways, driveways, parking areas, tennis courts, patios or garages, is prohibited unless the hose is equipped with functioning automatic shut-off device.

(e) **Vehicle Washing** – A hose used to wash commercial and noncommercial vehicles, boats, trailers and other types of vehicles is required to have a functioning automatic shut-off device.

(f) **Hose equipped with irrigation device** - A hose connected to an irrigation device, e.g. landscape sprinkler, must be equipped with a timer that will automatically shut-off the water supply after a set amount of time.

(g) **Landscape Irrigation:** Permitted Hours and Permitted Days of Week - The watering of vegetation outside of any building is permitted between the hours of 5:00 p.m. to 10:00 a.m. Customers with even numbered addresses are permitted to water outside vegetation only on Monday, Wednesday and Saturday. Customers with odd numbered addresses are permitted to water outside vegetation only on Tuesday, Thursday and Sunday. For those customers who do not have a numbered address, the address will be recorded as odd for purposes of Section 12.01. . Provided that the customer has a District approved irrigation plan, a customer with an irrigation meter who does not exceed 150% of the District Maximum Applied Water Allowance (MAWA) shall not be subject to the even and odd day of week requirements, but shall comply with the time of day prohibitions.

(h) **Additional Irrigation Requirements** – No person shall cause or permit the following:

i. Misting of irrigation devices;

ii. Operation of a broken sprinkler head; or

iii. Operation of a sprinkler head out of adjustment and the arc of the spray head is over a street, parking area, or other impervious surface;

(i) MAWA Exceedance - ***A customer with a separate irrigation meter shall not exceed 150% of the District MAWA.***

(j) Dining Establishments - ***shall serve water to customers only upon request.***

(k) **Hotel or Motel Linen Laundry** - The owner or operator of a hotel, motel or other establishment that offers or provides lodging or rental accommodations for compensation shall provide customers with the option of not having towels and linen laundered daily. They must prominently display notice of this option in each bathroom using clear and easily understood language.

3. Exemptions from Permanent and Water Level Condition Water Restrictions

(a) The following are exempt from the watering day restrictions specified in this subsection C, but are subject to the watering hour restrictions:

i. Irrigation systems with a separate irrigation meter where the customer has a District approved MAWA irrigation plan and the customer does not exceed 150% of the District MAWA;

ii. Use of recycled water that is not supplemented by potable or raw water supplied by the District, as long as the recycled water supply is available; and

iii. Public parks, school playing fields and golf courses.

(b) Upon written request to the District, a customer may receive an exemption from restrictions on irrigation set forth in subsections C and D.2.(a) for up to 30 days from application of the restrictions on days and hours of irrigation set forth in subsection 12.01 C.2.g. above in order to plant new seed or install new turf. The 30 day exemption, commences from the date of installation of the turf or the initial seeding. Exemptions for longer periods will require approval from the District Board of Directors.

(c) Commercial plant nurseries shall be exempt from the restrictions on days and hours of irrigation set forth in subsections C and D.

(d) Hand-watering from a watering can shall be exempt from the restrictions on days and hours of irrigation set forth in subsections C and D.

(f) Hand-watering landscapes with a hose having a functioning automatic shut-off device shall be exempt from the restrictions on days and hours of irrigation set forth in subsections C, D.2.(a) and D.3.(a) and D.4.(a), but shall be subject to the conditions i. through iii. This exemption does not apply to the watering of new turf or lawns.

i. Under Permanent Water Conservation Requirements and Level 1 and Level 2 Water Conditions and Mandatory Reductions, hand-watering landscapes is allowed after 5 pm to 10 am on Sunday, Monday, Tuesday, Wednesday, Thursday, and Saturday.

ii. Under Level 3 and Level 4 Water Conditions and Mandatory Reductions, hand-watering landscapes is allowed after 5 pm to 9 am on Sunday, Wednesday, Thursday, and Saturday.

(e) Other variances from the water restrictions set forth in subsections C and D may be granted by the General Manager pursuant to the provisions of subsection F.

D. Threatened or Existing Water Supply Shortages – Water Level Conditions and Mandatory Reductions

{Subsection 12.01.D.1 through D.4 Amended by Ordinance No. 04-01-15-08, eff. 04-10-15}

1. General

There shall be four levels of water restrictions, which may be implemented after the District Board of Directors by resolution has declared the existence or threatened existence of a water shortage. Whenever the Board has made such a declaration, and during the course of such threatened or existing water shortage, the Board by motion may implement any level of shortage as it deems necessary, and shall authorize the General Manager and District staff to enforce it. Any level of restrictions so implemented by the Board shall remain in effect until the Board by motion determines otherwise.

The four levels of water shortages and the approximate condition of the shortage are described below. Measures to reduce water demand are targeted to the shortage condition and apply to potable and raw water uses.

2. Level 1 Water Supply Shortage

The Board of Directors by motion may declare a Level 1 water supply shortage condition ("Level 1 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a mandatory reduction in demand for each consumer of 10 percent below that consumer's demand in the same month in calendar year is needed in order to ensure that sufficient supplies will be available to meet anticipated demands. Upon such declaration, the General Manager or his/her designee shall take the necessary actions to implement the mandatory Level 1 Condition conservation practices identified below in this subsection.
During the period of a declared Level 1 Condition, all water customers shall be required to comply with the permanent water conservation measures in subsection C and the following additional water conservation measures:

(a) Irrigation of residential and commercial landscapes, except golf courses, public parks and school playing fields, shall not occur between 10:00 a.m. and 7:00 p.m.

(b) Repair or prevention of all water leaks shall be carried out upon discovery by the customer or within five days after notification from the District.

(c) No hard surfaces including sidewalks, driveways, parking areas or decks may be washed or hosed down with water supplied through the District's water system, unless required by health or safety requirements.

(d) After the District institutes a Level 1 Condition or higher water level condition in any year, there shall be no new lawn areas planted (whether by sod, seed, hydro mulch, or other means) which will require water from the District's potable water system.

(e) Upon notice to the District and approval by the General Manager or his/her designee, no more than five percent of existing turf area may be replaced or reseeded.

(f) Water used for general construction and maintenance activities, including dust control, compaction and concrete curing, may come from one of two sources, potable or reclaimed. Such customers have the option to utilize either a fire hydrant meter supplied by the District and pay for the water used or reclaimed water (at no cost) available from the District's wastewater treatment plant. The use of construction water will be subject to inspection and possible termination if any pooling, ponding, or other waste of water occurs.

(g) Any other measures that the Board determines will promote the appropriate level of water use reductions under this water shortage level and that are specified in any motion or other action adopted by the Board.

3. Level 2 Water Supply Shortage

The Board of Directors by motion may declare a Level 2 water supply shortage condition ("Level 2 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a mandatory reduction in demand for each consumer of 20 percent below that consumer's demand in the same month in calendar year 2013 is required in order to ensure that sufficient supplies will be available to meet anticipated demands. Upon the declaration of a Level 2 Condition, the General Manager or his/her designee shall take the necessary actions to notify the public and implement the mandatory Level 2 Condition conservation practices identified below in this subsection.

During the period of a declared Level 2 Condition, all water customers shall be required to comply with all Level 1 Condition measures, as set forth above, and also shall comply with the following conservation measures:

(a) Irrigation of residential and commercial landscapes, except golf courses, public parks and school playing fields, shall not occur between 9:00 a.m. and 8:00 p.m. Customers with a monthly MAWA may not have monthly water use exceeding 125% of the monthly allowance.

(b) No turf areas may be replaced or reseeded.

(c) Repair or prevention of all water leaks shall be carried out upon discovery by the customer or within 3 days after notification from the District.

(d) Water from the District's potable water system used for general construction and maintenance activities, including dust control, compaction and concrete curing, is not permitted. Reclaimed water from the District's wastewater treatment plant must be utilized for these purposes.

(e) Any other measures that the Board determines will promote the appropriate level of water use reductions under this water shortage level and that are specified in any motion or other action adopted by the Board.

4. Level 3 Water Supply Shortage

The Board of Directors by motion, may declare a Level 3 water supply shortage condition ("Level 3 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a mandatory reduction in demand for each consumer of 30 percent below that consumer's demand in the same month in calendar year 2013 is required in order to ensure that sufficient supplies will be available

to meet essential demands. Upon declaration of a Level 3 Condition, the General Manager or his/her designee shall take the necessary actions to implement the mandatory Level 3 Condition conservation practices identified below in this subsection.

During the period of a declared Level 3 Condition, all water customers shall comply with all Level 1 Condition and Level 2 Condition water conservation measures and also shall comply with the following additional conservation measures:

(a) Irrigation of residential and commercial landscapes, except golf courses, public parks and school playing fields, shall occur between 4:00 a.m. and 7:00 a.m. Customers with odd addresses will be permitted to water only on Thursday and Sunday. Customers with even addresses will be permitted to water only on Wednesday and Saturday. Customers who do not have a numbered address will be notified by the District of their two watering days. Customers with a monthly MAWA may not have monthly water use exceeding 80% of the monthly allowance.

(b) Filling or re-filling of ornamental ponds is prohibited, except to the extent needed to sustain plants or animals that have been actively managed within the water feature prior to the declaration of a Level 3 Condition.

(c) All water leaks, breaks or other plumbing malfunctions shall be repaired upon discovery by the customer or within forty-eight hours after notification by the District, with the exception of rental properties, which shall have up to seventy-two hours to repair interior unit leaks, in order to comply with State laws regarding the provision of notice to tenants.

(d) Any other measures that the Board determines will promote the appropriate level of water use reductions under this water shortage level and that are specified in any motion or other action adopted by the Board.

5. Level 4 Water Supply Shortage

The Board of Directors may declare by motion a Level 4 water supply shortage condition ("Level 4 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a mandatory reduction in demand for each consumer of 50 percent below that consumer's demand in the same month in calendar year 2013 is required in order to ensure that sufficient supplies will be available to meet essential demands. Upon declaration of Level 4 Condition, the General Manager or his/her designee shall take all necessary actions to implement the mandatory Level 4 Condition conservation practices identified below in this subsection.

During the period of a declared Level 4 Condition, all water customers shall be required to comply with all Level 1 Condition, Level 2 Condition and Level 3 Condition water conservation measures, and also shall comply with the following additional conservation measures:

(a) All landscape irrigation shall be prohibited, except golf courses, public parks, school playing fields, and landscape products of commercial growers and nurseries as set forth in D.6.d and watering with a hand-held hose with a shut –off nozzle as set forth in C.3.f.

(b) All water leaks, breaks or other plumbing malfunctions shall be repaired upon discovery by the customer or within twenty-four hours after notification by the District, with the exception of

rental properties, which shall have up to seventy-two hours to repair interior unit leaks, in order to comply with State laws regarding the provision of notice to tenants.

(c) Filling or refilling of residential pools and spas is prohibited.

(d) Using water to wash commercial or non-commercial vehicles, boats, trailers and other types of vehicles is prohibited.

(e) Any other measures that the Board determines will promote the appropriate level of water use reductions under this water shortage level and that are specified in any motion or other action adopted by the Board.

6. Golf Course, Public Park and School Playing Field Water Restrictions

During water shortage level conditions, golf courses, public parks and school playing fields shall be subject to only the following water restrictions for irrigation; provided that golf courses, public parks and school playing fields utilizing recycled water for irrigation are exempt from this subsection 6:

(a) At Level 1 water restrictions, the owners of golf courses, public parks and school playing fields shall submit a water conservation plan to the District that describes existing and planned methods for reducing water use by mandatory reduction in demand for each consumer of 10% below that customer's demand in the same month in calendar year 2013. This water conservation plan shall be approved by the General Manager. Golf Courses, public parks and school playing fields shall be subject to the Level 1 irrigation water restrictions until such plan is approved.

(b) At Level 2 water restrictions, the owners of golf courses, public parks and school playing fields shall submit a water conservation plan to the District that describes methods for reducing water use by mandatory reduction in demand for each consumer of 20% below that customer's demand in the same month in calendar year 2013. This water conservation plan shall be approved by the General Manager. Golf courses, public parks and school playing fields shall be subject to the Level 2 irrigation water restrictions until such plan is approved.

(c) At Level 3 water restrictions, owners of golf courses, public parks and school playing fields shall submit a water conservation plan to the District that describes methods for reducing water use by mandatory reduction in demand for each consumer of 30% below that customer's demand in the same month in calendar year 2013. This water conservation plan shall be approved by the General Manager. Golf courses, public parks and school playing fields shall be subject to the Level 3 irrigation water restrictions until such plan is approved.

(d) At Level 4 water restrictions, owners of golf courses, public parks and school playing fields shall submit a water conservation plan to the District that describes methods for reducing water use by mandatory reduction in demand for each consumer of 50% below that customer's demand in the same month in calendar year 2013. This water conservation plan shall be approved by the General Manager. Golf courses, public parks and school playing fields shall be subject to the Level 4 irrigation water restrictions until such plan is approved.

1. School and Town Playing Fields

Whenever the Board of Directors has implemented water shortage level conditions, it may, if in the public interest, permit the irrigation of the Mammoth High School, the Mammoth Middle

School and the Mammoth Elementary School playing fields and the Town's Shady Rest Park on days and during times fixed by motion of the Board of Directors.

2. Recycled Water

The water restrictions set forth in subsection D shall not apply to the use of recycled water for any purpose.

E. Procedures for Determination and Notification of Water Supply Shortage Level Conditions

1. The determinations of the appropriate level of water conservation conditions shall be supported by a recommendation from the General Manager, along with a written explanation of the existence of the facts and circumstances supporting the determination. A copy of the written determination will be filed with the Board Secretary. The General Manager or his/her designee may publish a notice of the determination of the existence of a water conservation level condition in a newspaper circulated within the District. The District shall post notice of the water conservation level condition on its website and include it in its regular billing statement or in a separate mailing to the District's customers.

   The District will monitor the projected supply and demand for water during periods of emergency or drought. Based on this monitoring, the General Manager will recommend to the Board of Directors the implementation or termination of the appropriate level of water conservation.

2. The mandatory conservation measures applicable to Level 1 Condition, Level 2 Condition, Level 3 Condition or Level 4 Condition will take effect three days following the date of mailing notice of the declared level either through the District's regular billing statements or a separate mailing to the District's customers.

3. The Board of Directors by motion may declare an end to a particular water shortage level condition upon the recommendation of the General Manager at any meeting of the Board of Directors.

F. Variance

1. If, due to unique circumstances, a specific requirement of this Section 12.01 would result in an undue hardship to a customer using District water or to property upon which such water is used, that is disproportionate to the impacts to District water users generally or to similar property or classes of water uses, then the customer may apply for a variance to the requirement as provided in this subsection F.

2. The variance may be granted or conditionally granted only upon a written finding of the existence of facts demonstrating an undue hardship to a customer or to property upon which water is used, that is disproportionate to the impacts to District water users generally or to similar property or classes of water user due to specific and unique circumstances of the user or the user's property.

3. Application. An application for a variance shall be in a written form as prescribed by the General Manager or his/her designee and shall be accompanied by a nonrefundable processing fee in an amount set by the Board of Directors. The written application shall be accompanied by photographs, maps, drawings, or other pertinent information, as applicable, including a written statement of the applicant explaining the basis for the variance required and reasons therefor.

4. Approval Authority. The General Manager or his/her designee will exercise approval authority and act upon any completed application after submittal and may approve, conditionally approve, or deny the variance. The applicant requesting the variance will be promptly notified in writing of any action taken. The decision of the General Manager or his/her designee shall be final unless the applicant files a written appeal to the District Board of Directors within 10 days after the date of the decision. Unless specified otherwise at the time a variance is approved, the variance shall apply to the subject property only during the term of the applicable water conservation level condition.

5. Required Findings for Variance. An application for a variance will be denied unless the approving authority finds, based on the information provided in the application, supporting documents, or such additional information as may be requested, and on water use information for the property as shown by the records of the District, all of the following:

    (a) That the variance does not constitute a grant of special privilege inconsistent with the limitations upon other District customers.

    (b) That because of special circumstances applicable to the property or its use, the strict application of this Section 12.01 would have a disproportionate impact on the property or use that exceeds the impacts upon District customers generally.

    (c) That the approval of such variance will not materially affect the ability of the District to effectuate the purposes of this Section 12.01 and will not be detrimental to the public interest.

    (d) That the condition or situation of the subject property or the intended use of the property for which the variance is sought is not common, or general in nature.

6. No relief shall be granted to any customer for any reason in the absence of a showing by the customer that the customer has achieved the maximum practical reduction in the customer's water consumption.

Section 12.02. Enforcement of District Water Conservation Standards and Regulations.

The following provisions apply to the enforcement of the permanent water conservation requirements and the water shortage level water conservation requirements in subsections C and D of Section 12.01.

A. For single-family residential, commercial or other customers served by one (1) meter or two (2) meters where one is for inside use and other is for outside use, such as irrigation of landscaping, the following shall apply:

    a. For a customer's first two violations of the permanent water restrictions or the water restrictions during a declared water shortage or emergency, the District will issue warnings. For each warning, the District first will make one attempt to contact the customer or other person at the premises of the observed violation and follow-up any such verbal warning with written confirmation of the violation. If such contact is unsuccessful, the District will mail written notice of the violation to the customer. If the

warning was orally communicated, the customer will have 48 hours to correct the violation. Otherwise, the customer will have 7 days from the date of the written notice to correct the violation.

b. Upon the occurrence of three or more violations, the District will notify the customer in writing by mail of the violation. The customer will have 7 days from the date of the notice to correct the violation. If the violation is not corrected, a fine of $50 per day will be imposed and charged to the customer's account until the earlier of: (i) the violation is corrected, or (ii) the District disconnects the customer's irrigation meter or installs a flow restrictor pursuant to subsections 3 and 4 below.

c. When at least four violations have been committed which concern or relate to the watering of landscaping or vegetation (including multiple violations of the same restriction) then the District, upon notice pursuant to subsection E below, may disconnect the customer's irrigation meter if the customer's landscaping or vegetation is separately metered. If the landscaping or vegetation is not separately metered, then the District may install a flow restrictor on the customer's meter in order to reduce water service for essential uses only (i.e., household or inside uses), unless the customer chooses to install separately metered water systems for inside and outside use in which event the outside water system only would be disconnected. If the customer chooses to install separately metered systems, then the District may install the flow restrictor until the separate systems are operational to the District's satisfaction.

d. If there are at least four violations of the water restrictions of whatever nature, then the District, upon notice pursuant to subsection E below, may install a flow restrictor on the customer's meter in order to reduce water service for essential uses only, and if the customer has a separate meter for irrigation of landscaping or vegetation, the District may disconnect that meter.

e. In the event that service is disconnected or reduced pursuant to subsections A.3 or A.4 above, service shall not be restored and flow restrictors shall not be removed until the customer pays the District the sum of $100.00 per meter which is disconnected and $200.00 per meter for which a flow restrictor is installed in order to reimburse the District for its costs in disconnecting or reducing service, and then restoring service, and a fine of $500. The District shall have 5 working days from the date of payment to restore service and/or remove the flow restrictors. Upon restoration of service, the customer will be subject to the provisions of this subsection A, except the customer will be considered to already have received 2 warnings.

B. For multi-family residential customers (condominiums, duplexes, triplexes, apartments, trailer parks and others), and commercial and other customers with more than one meter or two meters where one meter is for inside use and the other is for outside use, such as irrigation or landscaping, the following shall apply:

1. Violations concerning or relating to common areas, landscaping or vegetation

a) For the first two violations of water restrictions by a customer or his/her agents or employees relating to or concerning common areas, landscaping or vegetation, the District will issue warnings . For each warning, the District first will make

one attempt to contact the customer or other person at the premises of the observed violation and follow-up any such verbal warning with written confirmation of the violation. If such contact is unsuccessful, the District will mail written notice of the violation to the customer's billing address. If the warning was orally communicated, the customer will have 48 hours to correct the violation. Otherwise, the customer will have 7 days from the date of the written notice to correct the violation.

b) Upon the occurrence of three or more violations, the District will notify the customer in writing by mail of the violation. The customer will have 7 days from the date of the notice to correct the violation. If the violation is not corrected, a fine of $50 per day will be imposed and charged to the customer's account until the earlier of: (i) the violation is corrected, or (ii)the District disconnects the customer's irrigation meter or installs a flow restrictor pursuant to subsection (c) below.

c) When at least four violations have been committed by a customer or his/her agents or employees, which concern or relate to common areas, landscaping or vegetation, then the District, upon notice pursuant to subsection E below, may disconnect all of the customer's irrigation meters if the customer's common areas, landscaping or vegetation are separately metered. If the common areas, landscaping or vegetation are not separately metered, then the District may install flow restrictors on all of the customer's meters in order to reduce water service for essential uses only (i.e., household or inside uses), unless the customer chooses to install separately metered water systems for inside and outside use in which event the outside water system only would be disconnected. If the customer chooses to install separately metered systems, then the District may install flow restrictors until the separate systems are operational to the District's satisfaction.

2. Violations associated with dwelling units, businesses or other individual units

a) For the first two violations of water restrictions associated with a dwelling unit, business or other individual unit, the District will issue warnings to the occupants thereof, and the customer if different from the occupant. For each warning, the District first will make one attempt to contact the customer or other person at the premises of the observed violation and follow-up any such verbal warning with written confirmation of the violation to the customer. If such contact is unsuccessful, the District will mail written notice of the violation to the customer. If the warning was orally communicated, the customer will have 48 hours to correct the violation. Otherwise, the customer will have 7 days from the date of the written notice to correct the violation.

b) Upon the occurrence of three or more violations, the District will notify the customer in writing by mail of the violation. The customer will have 7 days from the date of the notice to correct the violation. If the violation is not corrected, a fine of $50 per day will be imposed and charged to the customer's account until the earlier of (i) the violation is corrected, or (ii) the District disconnects the customer's irrigation meter or installs a flow restrictor pursuant to subsection (c) below.

c) When at least four violations of such water restrictions have been committed, the District, upon notice pursuant to subsection E below, may install a flow restrictor on the meter serving the dwelling unit, business or other individual unit in order to reduce water service for essential uses only. If the meter in question provides service to other dwelling units, businesses or other individual units, or to common areas, landscaping or other vegetation, then those affected thereby who are unrelated to the violations may elect to install separate meters. However, the District may install the flow restrictor until the separate meters have been installed and are operational to the District's satisfaction.

3. Restoration of service and/or removal of flow restrictors

In the event that service is disconnected and/or reduced pursuant to either subsections B.l. or B.2 above, the customer or other affected person may request reconnection and/or removal of the flow restrictor upon payment of the sum of $100.00 per meter which is disconnected and $200 per meter for which a flow restrictor is installed in order to reimburse the District for its costs in disconnecting or reducing service, and then restoring service, and upon payment of a fine of $500. The District shall have 5 working days within which to restore service and/or remove the flow restrictor after a request therefor by the customer or other affected person and payment of the fine and costs to restore service. Upon restoration of service, the customer will be subject to the provisions of this subsection B, except the customer will be considered to already have received two warnings.

C. Fees and Fines

In addition, to any other fees or costs imposed by this Section 12.02, there also shall be a $20 monthly fee imposed on each customer whose service has been reduced through the installation of a flow restrictor for each month or part thereof that the flow restrictor is in operation. The purpose of the above fees is to reimburse the District for its costs m administering and processing flow restrictors and in monitoring the customer's water use and the proper operation of the flow restrictor. The fees set forth in this subsection C shall be subject to the collection and enforcement provisions of Section 6.15 and Division VIII B of this Chapter 12.

D. Appeals

1. Any person aggrieved relative to the enforcement of the District water conservation standards and regulations may submit a written appeal to the General Manager of the District within 10 days after the date of the enforcement action. The appeal shall set forth the events and circumstances concerning the enforcement action, the nature of the enforcement action from which relief is sought, and the reasons for why the appeal should be granted.

2. Should the aggrieved person not be satisfied with the determination of the General Manager, he/she may appeal the decision of the General Manager to the Board of Directors within 30 days after the date that the General Manager's determination is made. The General Manager shall then submit such appeal, together with his/her recommendations, to the District Board of Directors which shall forthwith study the matter, schedule a hearing within 90 days from the date of the appeal, accept evidence relative to the appeal, hear testimony and reasons for such appeal, and prepare a written decision summarizing the findings and ruling of the Board which shall be sent to the appellant within 30 days after its decision.

3. After a decision is reached by the Board of Directors, the appellant must bring any legal action against the District within the time limits set forth in Section 53069.4 of the Government Code, or as otherwise provided by law.

E. Notice

Notwithstanding any other provision of this Chapter 12 of the District Code, any disconnection or reduction in service may be made after providing forty-eight (48) hours advance written notice thereof if such notice is personally served on the customer and violator, if different from the customer, and other affected person, or after providing one (1) week's advance written notice thereof if such notice is mailed to the customer and violator, if different from the customer, and other affected person.

The provisions of Section 3.08 of this Chapter 12 shall not apply to this Section 12.01. Written notice given by mail pursuant to this section shall be deposited in the United States Post Office Box for delivery by first class mail. Registered or Certified mail is not required. The customer shall be responsible for notifying the District to whom notices under this Section 12.02 should be mailed if other than the customer.

F. Accumulation of Violations

Violations of water restrictions, whether violations of the permanent water conservation requirements in Section 12.01 C.2 or the restrictions imposed pursuant to Section 12.01 D during a threatened or existing drought or other water shortage, shall not accumulate from one year to the next year.

G. Criminal Penalties

In addition to the above administrative penalties and remedies, violators of mandatory water conservation requirements imposed by the District in response to the declaration of a Level 1, 2, 3 or 4 Condition shall be subject to criminal penalties in accordance with California Water Code section 31029.

Table 2-1 Retail Only: Public Water Systems			
Public Water System Number	Public Water System Name	Number of Municipal Connections 2015	Volume of Water Supplied 2015
2610001	Mammoth CWD	3,508	1,643
	TOTAL	3,508	1,643
NOTES: This is billed water, does not include raw, recycled or non-revenue water.			

Table 2-2: Plan Identification			
Select Only One	**Type of Plan**		**Name of RUWMP or Regional Alliance** *if applicable* *drop down list*
☑	**Individual UWMP**		
	☐	Water Supplier is also a member of a RUWMP	
	☐	Water Supplier is also a member of a Regional Alliance	
☐	**Regional Urban Water Management Plan (RUWMP)**		
NOTES:			

Table 2-3: Agency Identification	
Type of Agency (select one or both)	
☐	Agency is a wholesaler
☑	Agency is a retailer
Fiscal or Calendar Year (select one)	
☑	UWMP Tables Are in Calendar Years
☐	UWMP Tables Are in Fiscal Years
If Using Fiscal Years Provide Month and Day that the Fiscal Year Begins (dd/mm)	
dd/mm	
Units of Measure Used in UWMP (select from Drop down)	
Unit	AF
NOTES:	

Table 2-4 Retail: Water Supplier Information Exchange
The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631.
Wholesale Water Supplier Name *(Add additional rows as needed)*
NA
NOTES:

Table 3-1 Retail: Population - Current and Projected						
Population Served	2015	2020	2025	2030	2035	2040*(opt)*
	15,932	17,587	19,244	20,904	22,566	
NOTES: Population includes resident, based on DOF estimate for 2015. Growth estimated at 2% every 5 years. Peak population, estimate includes resident and transient population, based on housing units and average occupancy from Town. Growth based on Town buildout projections to be achieved in 2035 with in between years interpolated. Assumed 30% of peak population buildout, minus resident population, represents an ongoing transient population that is added to residential population to give an effective population count.						

Table 4-1 Retail: Demands for Potable and Raw Water - Actual			
Use Type *(Add additional rows as needed)*	2015 Actual		
Use Drop down list *May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool*	Additional Description *(as needed)*	Level of Treatment When Delivered *Drop down list*	Volume
Single Family		Drinking Water	331
Multi-Family		Drinking Water	628
Commercial		Drinking Water	370
Institutional/Governmental		Drinking Water	2
Landscape		Drinking Water	138
Other	Raw water for golf course	Raw Water	77
Losses		Drinking Water	140
		TOTAL	1,686
NOTES:			

Table 4-2 Retail: Demands for Potable and Raw Water - Projected						
Use Type *(Add additional rows as needed)*	Additional Description *(as needed)*	Projected Water Use *Report To the Extent that Records are Available*				
Drop down list *May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool*		2020	2025	2030	2035	2040-opt
Single Family		385	439	493	547	
Multi-Family		810	992	1,175	1,358	
Commercial		432	492	552	613	
Institutional/Governmental		6	10	13	17	
Landscape		151	164	177	189	
Other	Raw water for irrigation	76	76	220	220	
TOTAL		1,859	2,172	2,630	2,944	0
NOTES:						

Table 4-3 Retail: Total Water Demands						
	2015	2020	2025	2030	2035	2040 *(opt)*
Potable and Raw Water *From Tables 4-1 and 4-2*	1,686	2,066	2,413	2,922	3,271	0
Recycled Water Demand* *From Table 6-4*	110	198	198	448	448	0
TOTAL WATER DEMAND	1,796	2,057	2,370	3,078	3,392	0
**Recycled water demand fields will be blank until Table 6-4 is complete.*						
NOTES:						

Table 4-4 Retail: 12 Month Water Loss Audit Reporting	
Reporting Period Start Date (mm/yyyy)	Volume of Water Loss*
01/2015	139.75
** Taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet.*	
NOTES:	

Table 4-5 Retail Only: Inclusion in Water Use Projections	
Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) *Drop down list (y/n)*	No
If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, etc… utilized in demand projections are found.	
Are Lower Income Residential Demands Included In Projections? *Drop down list (y/n)*	Yes
NOTES:	

Table 5-1 Baselines and Targets Summary *Retail Agency or Regional Alliance Only*					
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target *	Confirmed 2020 Target*
10-15 year	*2001*	*2010*	*181*	*163*	*145*
5 Year	*2006*	*2010*	*163*		
*All values are in Gallons per Capita per Day (GPCD)					
NOTES:					

Table 5-2: 2015 Compliance
Retail Agency or Regional Alliance Only

Actual 2015 GPCD*	2015 Interim Target GPCD*	Optional Adjustments to 2015 GPCD Enter "0" if no adjustment is made *From Methodology 8*					2015 GPCD* *(Adjusted if applicable)*	Did Supplier Achieve Targeted Reduction for 2015? Y/N
		Extraordinary Events*	Economic Adjustment*	Weather Normalization*	TOTAL Adjustments*	Adjusted 2015 GPCD*		
96	163				0	96	96	Yes

**All values are in Gallons per Capita per Day (GPCD)*

NOTES:

Table 6-1 Retail: Groundwater Volume Pumped

☐ Supplier does not pump groundwater.
The supplier will not complete the table below.

Groundwater Type ***Drop Down List*** *May use each category multiple times*	Location or Basin Name	2011	2012	2013	2014	2015
Add additional rows as needed						
Fractured Rock	Mammoth Basin	405	1,767	1,707	1,775	1,673
	TOTAL	405	1,767	1,707	1,775	1,673

NOTES:

Table 6-2 Retail: Wastewater Collected Within Service Area in 2015						
☐	There is no wastewater collection system. The supplier will not complete the table below.					
100	Percentage of 2015 service area covered by wastewater collection system *(optional)*					
100	Percentage of 2015 service area population covered by wastewater collection system *(optional)*					
Wastewater Collection			**Recipient of Collected Wastewater**			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated? *Drop Down List*	Volume of Wastewater Collected from UWMP Service Area 2015	Name of Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is WWTP Located Within UWMP Area? *Drop Down List*	Is WWTP Operation Contracted to a Third Party? *(optional)* *Drop Down List*
Add additional rows as needed						
Mammoth Community Water District	Metered	1,087	Mammoth Community Water District	Wastewater Treatment Plant	Yes	No
Total Wastewater Collected from Service Area in 2015:		1,087				
NOTES: Volume of wastewater includes water used to backwash water treatment plant filters.						

Table 6-3 Retail: Wastewater Treatment and Discharge Within Service Area in 2015

☐ No wastewater is treated or disposed of within the UWMP service area.
The supplier will not complete the table below.

Wastewater Treatment Plant Name	Dis-charge Location Name or Identifier	Dis-charge Location Descrip-tion	Wastewater Discharge ID Number *(optional)*	Method of Disposal ***Drop down list***	Does This Plant Treat Wastewater Generated Outside the Service Area?	Treatment Level ***Drop down list***	2015 volumes			
							Wastewater Treated	Discharged Treated Waste-water	Recycled Within Service Area	Recycled Outside of Service Area
Add additional rows as needed										
Mammoth CWD	Laurel Pond	T4S, R28E sec 10NW 1/4	6B260903003	Other	No	Tertiary	1,087	977	110	0
						Total	1,087	977	110	0

NOTES: WW treated includes water used at WTPs to backwash filters. Recycled w/in service area included golf course irrigation and construction water.

Table 6-4 Retail: Current and Projected Recycled Water Direct Beneficial Uses Within Service Area								
Recycled water is not used and is not planned for use within the service area of the supplier. The supplier will not complete the table below.								
Name of Agency Producing (Treating) the Recycled Water:	Mammoth CWD							
Name of Agency Operating the Recycled Water Distribution System:	Mammoth CWD							
Supplemental Water Added in 2015	0							
Source of 2015 Supplemental Water	0							
Beneficial Use Type	General Description of 2015 Uses	Level of Treatment *Drop down list*	2015	2020	2025	2030	2035	2040 (opt)
Agricultural irrigation								
Landscape irrigation (excludes golf courses)								
Golf course irrigation		Tertiary	106	195	195	265	265	
Commercial use		Tertiary	0	0	0	180	180	
Industrial use								
Geothermal and other energy production								
Seawater intrusion barrier								
Recreational impoundment								
Wetlands or wildlife habitat								
Groundwater recharge (IPR)*								
Surface water augmentation (IPR)*								
Direct potable reuse								
Other *(Provide General Description)*	Construction water	Tertiary	4	3	3	3	3	
		Total:	110	198	198	448	448	0
**IPR - Indirect Potable Reuse*								
NOTES:								

Table 6-5 Retail: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual

☐ Recycled water was not used in 2010 nor projected for use in 2015. The supplier will not complete the table below.

Use Type		2010 Projection for 2015	2015 Actual Use
Agricultural irrigation			
Landscape irrigation (excludes golf courses)			
Golf course irrigation		480	106
Commercial use			
Industrial use			
Geothermal and other energy production			
Seawater intrusion barrier			
Recreational impoundment			
Wetlands or wildlife habitat			
Groundwater recharge (IPR)			
Surface water augmentation (IPR)			
Direct potable reuse			
Other	*Type of Use*		4
Total		480	110

NOTES:

Table 6-6 Retail: Methods to Expand Future Recycled Water Use

☐ Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.

Provide page location of narrative in UWMP

Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use
Add additional rows as needed			
Snowcreek GC recycled water irrigation.	Nine-hole golf course commences recycled water irrigation.	2016	97
Snowcreek GC expansion	Golf course expands to 18-holes and resort completes expansion plans.	uncertain	223
		Total	320

NOTES:

Table 6-7 Retail: Expected Future Water Supply Projects or Programs

☐ No expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.

☐ Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.

Provide page location of narrative in the UWMP

Name of Future Projects or Programs	Joint Project with other agencies?		Description (if needed)	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Agency
	Drop Down List (y/n)	*If Yes, Agency Name*			*Drop Down List*	*This may be a range*
Add additional rows as needed						
New well	No			2017	All Year Types	120

NOTES: Information regarding actual increase in water supply depends on results from test pumping to be conducted in 2016.

Table 6-8 Retail: Water Supplies — Actual				
Water Supply	Additional Detail on Water Supply	2015		
Drop down list *May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool*		Actual Volume	Water Quality *Drop Down List*	Total Right or Safe Yield *(optional)*
Add additional rows as needed				
Groundwater		1,596	Drinking Water	
Surface water		47	Drinking Water	
Recycled Water		110	Recycled Water	
Groundwater		77	Raw Water	
	Total	1,830		0
NOTES:				

Table 6-9 Retail: Water Supplies — Projected											
Water Supply		**Projected Water Supply** *Report To the Extent Practicable*									
Drop down list *May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool*	Additional Detail on Water Supply	**2020**		**2025**		**2030**		**2035**		**2040** *(opt)*	
		Reasonably Available Volume	Total Right or Safe Yield *(optional)*	Reasonably Available Volume	Total Right or Safe Yield *(optional)*	Reasonably Available Volume	Total Right or Safe Yield *(optional)*	Reasonably Available Volume	Total Right or Safe Yield *(optional)*	Reasonably Available Volume	Total Right or Safe Yield *(optional)*
Add additional rows as needed											
Surface water		1,181		1,314		1,507		1,743			
Groundwater		844		1,068		1,231		1,353			
Recycled Water		198		198		448		448			
Raw Water		76		76		220		220			
Total		2,299		2,656		3,406		3,763			
NOTES:											

Table 7-1 Retail: Basis of Water Year Data			
Year Type	**Base Year** *If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 1999-2000, use 2000*	**Available Supplies if Year Type Repeats**	
		☐	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location _____
		☑	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available	**% of Average Supply**
Average Year	(a) (b)	2,068	100%
Single-Dry Year	2015	1,955	95%
Multiple-Dry Years 1st Year	2013	1,989	96%
Multiple-Dry Years 2nd Year	2014	1,959	95%
Multiple-Dry Years 3rd Year	2015	1,955	95%
Multiple-Dry Years 4th Year *Optional*			
Multiple-Dry Years 5th Year *Optional*			
Multiple-Dry Years 6th Year *Optional*			
Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of Table 7-1 are being used and identify the particular water source that is being reported in each table.			
NOTES: 95%			

Table 7-2 Retail: Normal Year Supply and Demand Comparison					
	2020	2025	2030	2035	2040 *(Opt)*
Supply totals *(autofill from Table 6-9)*	2,299	2,656	3,406	3,763	0
Demand totals *(autofill from Table 4-3)*	2,264	2,611	3,370	3,719	0
Difference	35	45	36	43	0
NOTES:					

Table 7-3 Retail: Single Dry Year Supply and Demand Comparison					
	2020	2025	2030	2035	2040 (Opt)
Supply totals	2,299	2,656	3,406	3,762	
Demand totals	2,264	2,611	3,370	3,719	
Difference	468	547	665	742	0
NOTES: These demands include recycled water. Reduced demand from Table 4-3 by 20% for potable and 10% for recycled and raw, assumed Level 2 Water Shortage Restrictions.					

Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison						
		2020	2025	2030	2035	2040 (Opt)
First year	Supply totals	2,299	2,656	3,406	3,762	
	Demand totals	2,264	2,611	3,370	3,719	
	Difference	35	45	36	43	
Second year	Supply totals	2,299	2,656	3,406	3,762	
	Demand totals	1,831	2,109	2,741	3,020	
	Difference	468	547	665	742	
Third year	Supply totals	2,299	2,656	3,406	3,762	
	Demand totals	1,831	2,109	2,741	3,020	
	Difference	468	547	665	742	
Fourth year *(optional)*	Supply totals					
	Demand totals					
	Difference					
Fifth year *(optional)*	Supply totals					
	Demand totals					
	Difference					
Sixth year *(optional)*	Supply totals					
	Demand totals					
	Difference					
NOTES: These demands include recycled water. Assumed no Water Shortage Restriction implemented in Year 1. Assumed Level 2 Water Shortage Restrictions in Year 2 and 3. Reduced demand 20% for potable and 10% for recycled and raw.						

Table 8-1 Retail **Stages of Water Shortage Contingency Plan**		
Stage	Complete Both	
	Percent Supply Reduction[1] *Numerical value as a percent*	Water Supply Condition (*Narrative description)*
Add additional rows as needed		
1	10%	Projected supply and demand imbalance is 10%.
2	20%	Projected supply and demand imbalance is 20%.
3	30%	Projected supply and demand imbalance is 30%.
4	50%	Projected supply and demand imbalance is 50% or higher.
[1] One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.		
NOTES:		

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users ***Drop down list*** *These are the only categories that will be accepted by the WUEdata online submittal tool*	Additional Explanation or Reference *(optional)*	Penalty, Charge, or Other Enforcement? *Drop Down List*
Add additional rows as needed			
1 to 4	Landscape - Restrict or prohibit runoff from landscape irrigation	This provision is always in place. Runoff may not flow for a distance of 50 ft. or greater.	Yes
1 to 4	Landscape - Limit landscape irrigation to specific times	Times reduced as levels increase.	Yes
1 to 4	Landscape - Limit landscape irrigation to specific days	Three days a week allowed in Levels 1-2, two days a week in Level 3.	Yes
4	Landscape - Prohibit all landscape irrigation		Yes
1-4	CII - Lodging establishment must offer opt out of linen service	This provision is always in place.	Yes
1-4	CII - Restaurants may only serve water upon request	This provision is always in place.	Yes
3-4	Water Features - Restrict water use for decorative water features, such as fountains		Yes
1-4	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Time to repair leaks reduced as levels increase.	Yes
1-4	Other - Require automatic shut of hoses	This provision is always in place.	Yes
2-4	Other - Prohibit use of potable water for construction and dust control		Yes
1-4	Landscape - Other landscape restriction or prohibition	No misting, operating broken sprinkler heads, or spraying on impervious surfaces is allowed. This provision is always in place.	Yes
1-4	Landscape - Other landscape restriction or prohibition	Limits on exceeding MAWA	Yes

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users ***Drop down list*** *These are the only categories that will be accepted by the WUEdata online submittal tool*	Additional Explanation or Reference *(optional)*	Penalty, Charge, or Other Enforcement? *Drop Down List*
1-4	Landscape - Other landscape restriction or prohibition	Golf courses, public parks and school playing fields must submit conservation plans to reduce water demand by reduction amounts targeted by the four levels of water shortages.	Yes
1-4	Landscape - Other landscape restriction or prohibition	No new lawns may be installed using MCWD potable water.	Yes
1-4	Landscape - Other landscape restriction or prohibition	No more than 5% of turf may be rehabilitated. Must notify MCWD and receive approval for rehabilitation work.	Yes
1-4	Other - Prohibit use of potable water for washing hard surfaces	This provision is always in effect. Health and safety concerns supersede this regulation.	Yes
4	Other	Prohibit washing vehicles.	Yes
NOTES: Snow storage and removal impacts landscapes, therefore a provision to limit turf replacement during water shortages is included in restrictions under water shortage conditions.			

Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods		
Stage	Consumption Reduction Methods by Water Supplier ***Drop down list*** *These are the only categories that will be accepted by the WUEdata online submittal tool*	Additional Explanation or Reference *(optional)*
Add additional rows as needed		
1-4	Expand Public Information Campaign	Advertisements in local papers and on radio stations.
1-4	Increase Frequency of Meter Reading	Meter reads are now downloaded daily and provide hourly data. Data used to increase enforcement of regulations.
1-4	Provide Rebates on Plumbing Fixtures and Devices	Rebates available for toilets, showerheads, and clothes washers.
1-4	Provide Rebates for Landscape Irrigation Efficiency	Rebates available for pressure-reducing valves on irrigation systems and other irrigation supplies.
1-4	Expand Public Information Campaign	Workshops/Classes sponsored by MCWD on water efficient management practices and leak detection
1-4	Expand Public Information Campaign	Provide sponsorship funds for 6th-grade water conservation program.
1-4	Reduce System Water Loss	A lateral replacement project has been ongoing since ??. The project follows a mainline replace program completed in 2009 (?)
1-4	Other	Provide free water conservation items to customers. See plan for more details.
NOTES: These consumption reduction methods are ongoing at MCWD.		

Table 8-4 Retail: Minimum Supply Next Three Years			
	2016	2017	2018
Available Water Supply	1,732	1,813	1,893
NOTES:			

Table 10-1 Retail: Notification to Cities and Counties		
City Name	60 Day Notice	Notice of Public Hearing
Add additional rows as needed		
Town of Mammoth Lakes	☑	☑
	☐	☐
	☐	☐
County Name *Drop Down List*	60 Day Notice	Notice of Public Hearing
Add additional rows as needed		
Mono County	☑	☑
	☐	☐

SB x7-7 Verification Form

SB X7-7 Table 0: Units of Measure Used in UWMP* *(select one from the drop down list)*
Acre Feet
**The unit of measure must be consistent with Table 2-3*
NOTES:

SB X7-7 Table-1: Baseline Period Ranges

Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	2,484	Acre Feet
	2008 total volume of delivered recycled water	- 0	Acre Feet
	2008 recycled water as a percent of total deliveries	0.00%	Percent
	Number of years in baseline period[1, 2]	10	Years
	Year beginning baseline period range	2001	
	Year ending baseline period range[3]	2010	
5-year baseline period	Number of years in baseline period	5	Years
	Year beginning baseline period range	2006	
	Year ending baseline period range[4]	2010	

[1]If the 2008 recycled water percent is less than 10 percent, then the first baseline period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first baseline period is a continuous 10- to 15-year period. [2]
The Water Code requires that the baseline period is between 10 and 15 years. However, DWR recognizes that some water suppliers may not have the minimum 10 years of baseline data.

[3]The ending year must be between December 31, 2004 and December 31, 2010.

[4]The ending year must be between December 31, 2007 and December 31, 2010.

NOTES:

SB X7-7 Table 2: Method for Population Estimates	
Method Used to Determine Population (may check more than one)	
☑	**1. Department of Finance** (DOF) DOF Table E-8 (1990 - 2000) and (2000-2010) and DOF Table E-5 (2011 - 2015) when available
☐	**2. Persons-per-Connection Method**
☐	**3. DWR Population Tool**
☑	**4. Other** DWR recommends pre-review
NOTES:	

SB X7-7 Table 3: Service Area Population		
Year		**Population**
10 to 15 Year Baseline Population		
Year 1	2001	15,010
Year 2	2002	15,200
Year 3	2003	15,391
Year 4	2004	15,479
Year 5	2005	15,566
Year 6	2006	15,591
Year 7	2007	15,695
Year 8	2008	15,706
Year 9	2009	15,720
Year 10	2010	15,808
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1	2006	15,591
Year 2	2007	15,695
Year 3	2008	15,706
Year 4	2009	15,720
Year 5	2010	15,808
2015 Compliance Year Population		
2015		15,932
NOTES: Population figures revised from 2010 UWMP based on population data from the TOML.		

SB X7-7 Table 4: Annual Gross Water Use *								
Baseline Year *Fm SB X7-7 Table 3*		**Volume Into Distribution System** *This column will remain blank until SB X7-7 Table 4-A is completed.*	**Deductions**					**Annual Gross Water Use**
			Exported Water	**Change in Dist. System Storage** (+/-)	**Indirect Recycled Water** *This column will remain blank until SB X7-7 Table 4-B is completed.*	**Water Delivered for Agricultural Use**	**Process Water** *This column will remain blank until SB X7-7 Table 4-D is completed.*	
10 to 15 Year Baseline - Gross Water Use								
Year 1	2001	3,409			-		-	3,409
Year 2	2002	3,552			-		-	3,552
Year 3	2003	3,453			-		-	3,453
Year 4	2004	3,271			-		-	3,271
Year 5	2005	3,412			-		-	3,412
Year 6	2006	3,091			-		-	3,091
Year 7	2007	3,248			-		-	3,248
Year 8	2008	2,999			-		-	2,999
Year 9	2009	2,613			-		-	2,613
Year 10	2010	2,402			-		-	2,402
Year 11	0	-			-		-	-
Year 12	0	-			-		-	-
Year 13	0	-			-		-	-
Year 14	0	-			-		-	-
Year 15	0	-			-		-	-
10 - 15 year baseline average gross water use								**3,145**
5 Year Baseline - Gross Water Use								
Year 1	2006	3,091			-		-	3,091
Year 2	2007	3,248			-		-	3,248

SB X7-7 Table 4: Annual Gross Water Use *								
Baseline Year *Fm SB X7-7 Table 3*		**Volume Into Distribution System** *This column will remain blank until SB X7-7 Table 4-A is completed.*	**Deductions**					**Annual Gross Water Use**
			Exported Water	**Change in Dist. System Storage** (+/-)	**Indirect Recycled Water** *This column will remain blank until SB X7-7 Table 4-B is completed.*	**Water Delivered for Agricultural Use**	**Process Water** *This column will remain blank until SB X7-7 Table 4-D is completed.*	
Year 3	2008	2,999			-		-	2,999
Year 4	2009	2,613			-		-	2,613
Year 5	2010	2,402			-		-	2,402
5 year baseline average gross water use								**2,871**
2015 Compliance Year - Gross Water Use								
2015		1,686	-		-		-	**1,686**
* NOTE that the units of measure must remain consistent throughout the UWMP, as reported in Table 2-3								
NOTES:								

SB X7-7 Table 4-A: Volume Entering the Distribution System(s) Complete one table for each source.				
Name of Source	Surface			
This water source is:				
☑	The supplier's own water source			
☐	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System	Meter Error Adjustment* *Optional (+/-)*	Corrected Volume Entering Distribution System
10 to 15 Year Baseline - Water into Distribution System				
Year 1	2001	1,408		1,408
Year 2	2002	1,326		1,326
Year 3	2003	1,259		1,259
Year 4	2004	1,629		1,629
Year 5	2005	1,669		1,669
Year 6	2006	2,159		2,159
Year 7	2007	1,108		1,108
Year 8	2008	1,111		1,111
Year 9	2009	1,347		1,347
Year 10	2010	1,491		1,491
5 Year Baseline - Water into Distribution System				
Year 1	2006	2,159		2,159
Year 2	2007	1,108		1,108
Year 3	2008	1,111		1,111
Year 4	2009	1,347		1,347
Year 5	2010	1,491		1,491
2015 Compliance Year - Water into Distribution System				
2015		47		47
** Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document*				
NOTES:				

SB X7-7 Table 4-A: Volume Entering the Distribution System(s) Complete one table for each source.				
Name of Source	Groundwater			
This water source is:				
☑	The supplier's own water source			
☐	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System	Meter Error Adjustment* *Optional(+/-)*	Corrected Volume Entering Distribution System
10 to 15 Year Baseline - Water into Distribution System				
Year 1	2001	2001		2,001
Year 2	2002	2226		2,226
Year 3	2003	2194		2,194
Year 4	2004	1642		1,642
Year 5	2005	1743		1,743
Year 6	2006	932		932
Year 7	2007	2140		2,140
Year 8	2008	1888		1,888
Year 9	2009	1266		1,266
Year 10	2010	911		911
5 Year Baseline - Water into Distribution System				
Year 1	2006	932		932
Year 2	2007	2140		2,140
Year 3	2008	1888		1,888
Year 4	2009	1266		1,266
Year 5	2010	911		911
2015 Compliance Year - Water into Distribution System				
2015		1,639		1,673
** Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document*				
NOTES:				

SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)				
Baseline Year *Fm SB X7-7 Table 3*		Service Area Population *Fm SB X7-7 Table 3*	Annual Gross Water Use *Fm SB X7-7 Table 4*	Daily Per Capita Water Use (GPCD)
10 to 15 Year Baseline GPCD				
Year 1	2001	15,010	3,409	203
Year 2	2002	15,200	3,552	209
Year 3	2003	15,391	3,453	200
Year 4	2004	15,479	3,271	189
Year 5	2005	15,566	3,412	196
Year 6	2006	15,591	3,091	177
Year 7	2007	15,695	3,248	185
Year 8	2008	15,706	2,999	170
Year 9	2009	15,720	2,613	148
Year 10	2010	15,808	2,402	136
10-15 Year Average Baseline GPCD				**181**
5 Year Baseline GPCD				
Baseline Year *Fm SB X7-7 Table 3*		Service Area Population *Fm SB X7-7 Table 3*	Gross Water Use *Fm SB X7-7 Table 4*	Daily Per Capita Water Use
Year 1	2006	15,591	3,091	177
Year 2	2007	15,695	3,248	185
Year 3	2008	15,706	2,999	170
Year 4	2009	15,720	2,613	148
Year 5	2010	15,808	2,402	136
5 Year Average Baseline GPCD				**163**
2015 Compliance Year GPCD				
2015		15,932	1,720	**96**
NOTES:				

SB X7-7 Table 6: Gallons per Capita per Day *Summary From Table SB X7-7 Table 5*	
10-15 Year Baseline GPCD	181
5 Year Baseline GPCD	163
2015 Compliance Year GPCD	96
NOTES:	

SB X7-7 Table 7: 2020 Target Method *Select Only One*		
Target Method		Supporting Documentation
☑	Method 1	SB X7-7 Table 7A
☐	Method 2	SB X7-7 Tables 7B, 7C, and 7D *Contact DWR for these tables*
☐	Method 3	SB X7-7 Table 7-E
☐	Method 4	Method 4 Calculator
NOTES:		

SB X7-7 Table 7-A: Target Method 1 20% Reduction	
10-15 Year Baseline GPCD	**2020 Target GPCD**
181	**145**
NOTES:	

SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target			
5 Year Baseline GPCD *From SB X7-7 Table 5*	Maximum 2020 Target[1]	Calculated 2020 Target[2]	**Confirmed 2020 Target**
163	155	145	**145**
[1]Maximum 2020 Target is 95% of the 5 Year Baseline GPCD *[2]2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.*			
NOTES:			

SB X7-7 Table 8: 2015 Interim Target GPCD		
Confirmed 2020 Target *Fm SB X7-7 Table 7-F*	10-15 year Baseline GPCD *Fm SB X7-7 Table 5*	**2015 Interim Target GPCD**
145	181	**163**
NOTES:		

SB X7-7 Table 9: 2015 Compliance								
Actual 2015 GPCD	2015 Interim Target GPCD	Optional Adjustments *(in GPCD)*					2015 GPCD *(Adjusted if applicable)*	**Did Supplier Achieve Targeted Reduction for 2015?**
		Enter "0" if Adjustment Not Used			TOTAL Adjustments	Adjusted 2015 GPCD		
		Extraordinary Events	Weather Normalization	Economic Adjustment				
96	163	*From Methodology 8 (Optional)*	*From Methodology 8 (Optional)*	*From Methodology 8 (Optional)*	-	96	96	**YES**
NOTES:								