

December 31, 2019

Water Conservation Plan for the Mill House Inn Motel
PWS NV0002006
3251 South Carson Street
Carson City, NV

2019 Update Prepared by
Nevada Rural Water Association
363 Fairview Drive
Carson City, NV 89701



Submitted to:
Department of Conservation and Natural Resources
Water Resources Division Water Planning Section for Compliance
with NRS 540.131 through NRS 540.151

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Water Conservation Plan
Mill House Inn Motel
3251 South Carson Street Carson
City, NV 89701

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Introduction:

The Mill House Inn Motel owns an un-metered well that is the point of diversion for a commercial groundwater right Certificate 7841. The well supplies water for landscape irrigation, a swimming pool and indoor water use for a 24-unit motel. The system is a Noncommunity Transient Public Water System. Due to the small size of the system, with no water production or use measurement, not all required conservation plan elements per NRS 540.131 540.151 can be specifically addressed.

The plan presents the applicable NRS Statute. The response to the statute is immediately below, in italics. As of the date of this revision, 2019 legislative changes to the applicable NRS are not available in codified form. The responses represent the updated Water Conservation Plan for the Mill House Inn Motel.

NRS 540.131 Plan of water conservation: Procedure for adoption and updating of plan; review of plan by Section; joint plans permitted by certain suppliers; duties of local governing body.

2. As part of the procedure of adopting a plan, the supplier of water shall provide an opportunity for any interested person, including, but not limited to, any private or public entity that supplies water for municipal, industrial or domestic purposes, to submit written views and recommendations on the plan.

The Mill House Inn Motel will keep a copy of the water conservation plan at the front check-in desk and all interested parties will be welcome to review and comment.

4. The plan:

(a) Must be available for inspection by members of the public during office hours at the offices of the supplier of water;

See response above

NRS 540.141 Required provisions of plan or joint plan of water conservation; review by Section; posting of plans and joint plans on Internet website.

1. A plan or joint plan of water conservation submitted to the Section for review must include provisions relating to:

(a) Methods of public education to:

(1) Increase public awareness of the limited supply of water in this State and the need to conserve water.

The Mill House Inn Motel will place in each room a placard with the statement "Nevada is the driest state in the union — please help us conserve our limited water supply."

(2) Encourage reduction in the size of lawns and encourage the use of plants that are adapted to arid and semiarid climates.

As the need occurs to alter the landscape at the Mill House Inn Motel, motel owners will replace landscape with plant material that uses less water than the original landscaping.

(b) Specific conservation measures required to meet the needs of the service area, including, but not limited to, any conservation measures required by law.

Conservation measures include placement of placard cards as described in Section (a), (1) replacement of landscaping as described in Section (a), (2) and the replacement of fixtures with low flow devices as describe in Section (c), (1). Additionally the Mill House Inn Motel will not water landscaping during the "heat of the day" from 10:00 A.M. to 6:00 P.M..

(c) The management of water to:

(1) Identify - identify and reduce leakage, water loss in water supplies, inaccuracies in water meters and high pressure in water supplies, and, which must include, without limitation:

(1) Goals for acceptable levels of water loss in water supplies. Such goals may use the following performance indicators and analyses, without limitation:

- (I) Infrastructure water loss index;
- (II) Water audit data validity score;
- (III) Operational basic apparent losses;
- (IV) Operational basic real losses; and
- (V) Economic level of water loss.

Since the motel is a single source system providing water to 24 motel rooms, the landscaping and the swimming pool, leaks are readily apparent and dealt with immediately, limiting any waste of water. Additionally, any indoor water fixtures/toilets that need to be replaced will be equipped with low flow fixtures, including 1.6 gallon per flush toilets and low flow shower heads.

(2) Where A plan which analyzes how the supplier of water will progress towards the goals established for the acceptable levels of water loss.

(d) The management of water to, where applicable, increase the reuse of effluent.

Not applicable at the Mill House Inn Motel PWS.

(e) A contingency plan for drought conditions that ensures a supply of potable water.

The well supplying the motel has been operational since 1962 without any reduction in flow that was not simply rectified by replacement of the pumping components/pump which was last occurred in 20. Additionally, the water use is reduced significantly during the winter due to cessation of landscape watering, closing down the pool from the first part of September through June 1st and the reduced occupancy of the motel during the winter months. This allows aquifer recovery to occur annually. The well has a 57-plus year history of good production, but if a drought of unprecedented severity occurred, then pumping would be limited to provide indoor

water use only, until the well could be deepened or a temporary supply is obtained from the nearby public water system.

(f) A schedule for carrying out the plan or joint plan.

Updates contained in this conservation plan will be implemented within 30 days upon approval of the plan by the Section.

(g) A plan for how the supplier of water will progress towards the installation of meters on all connections.

Not applicable for the Mill House Inn Motel PWS.

(h) Standards for water efficiency for new development.

Not applicable for the Mill House Inn Motel PWS.

(i) Tiered rate structures for the pricing of water to promote the conservation of water, including, without limitation, an estimate of the manner in which the tiered rate structure will impact the consumptive use of water.

Not applicable; the Mill House Motel PWS does not have any metered or billed customers; water is supplied to motel patrons and the cost of water used is not broken out from the cost of lodging.

(j) Watering restrictions based on the time of day and the day of the week.

2. In addition to the requirements of subsection 1, a plan or joint plan of water conservation submitted to the Section for review by a supplier of water providing service for 500 or more connections must include provisions relating to:

(a) Measures to evaluate the effectiveness of the plan or joint plan.

(b) For each conservation measure specified in the plan or joint plan, an estimate of the amount of water that will be conserved each year as a result of the adoption of the plan or joint plan, stated in terms of gallons of water saved annually.

The Mill House Inn Motel PWS serves less than 500 connections.

Since the system is un-metered, evaluation of effectiveness will be based on the assumption that implementing components of the plan, including the placement of the water conservation placards, the reduction in landscape water when need to replace existing landscaping occurs and the replacement of older high flow fixtures with low flow fixtures as necessary will reduce water use.

3. The Section shall review any plan or joint plan submitted to it within 120 days after its submission and approve the plan if it is based on the climate and living conditions of the service area and complies with the requirements of this section.

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4. The Chief may exempt wholesale water purveyors from the provisions of this section which do not reasonably apply to wholesale supply.

NRS 540.151 Supplier of water required to adopt plan to provide certain incentives; procedure for adoption of plan; adoption of joint plans permitted.

1. Except as otherwise provided in subsection 4, each supplier of water which supplies water for municipal, industrial or domestic purposes shall adopt a plan to provide incentives:

(a) To encourage water conservation in its service area;

See response above to duplicate requirements in NRS 540.141.

(b) To retrofit existing structures with plumbing fixtures designed to conserve the use of water; and

See response above to duplicate requirements in NRS 540.141.

(c) For the installation of landscaping that uses a minimal amount of water.

See response above to duplicate requirements in NRS 540.141.

1. The supplier of water may request assistance from the Section to develop its plan.
2. As part of the procedure of adopting a plan, the supplier of water shall provide an opportunity for any interested person to submit written views and recommendations on the plan.

See response above to duplicate requirements in NRS 540.141.

3. The supplier of water shall file a copy of the plan with the Section for informational purposes.

The owner will submit the draft plan to the Section for review and comment. Once the Section approves the Conservation Plan, one would assume the Section will retain a copy that is available to the public. Additionally, an approved copy will be available at the check-in counter at the motel.

4. The plan:

(a) Must be available for inspection by members of the public during office hours at the offices of the supplier of water; and

See comments above.

(b) May be revised from time to time to reflect the changing needs and conditions of the service area. Each such revision must be made available for inspection by members of the public.

The plan will be revised every 5 years as required by NRS 540.131 (4) c and sooner if conditions change.

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1. Except as otherwise provided in subsection 4, each supplier of water that is required to adopt or update a plan of water conservation in accordance with the provisions of NRS 540.131 and
 - (b) Serves less than 3,300 persons must calculate the amount of water delivered by the supplier of water and the amount of water that was billed to customers of the supplier of water for each year. The calculations must be submitted by the supplier of water to the Section with the plan for water conservation or update to the plan of water conservation, as applicable.
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4. The provisions of this section do not apply to a transient water system as defined in NRS 445A.848. Sec. 2.

The Mill House Inn Motel falls under Subsection 4; NRS 445A.848 states "Transient water system" means a noncommunity water system that does not regularly serve at least 25 of the same persons for more than 6 months per year.

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