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STATE ENGINEERS OFFICE

**Oasis Mobile Home Park**

**Conservation Plan**

**2007**

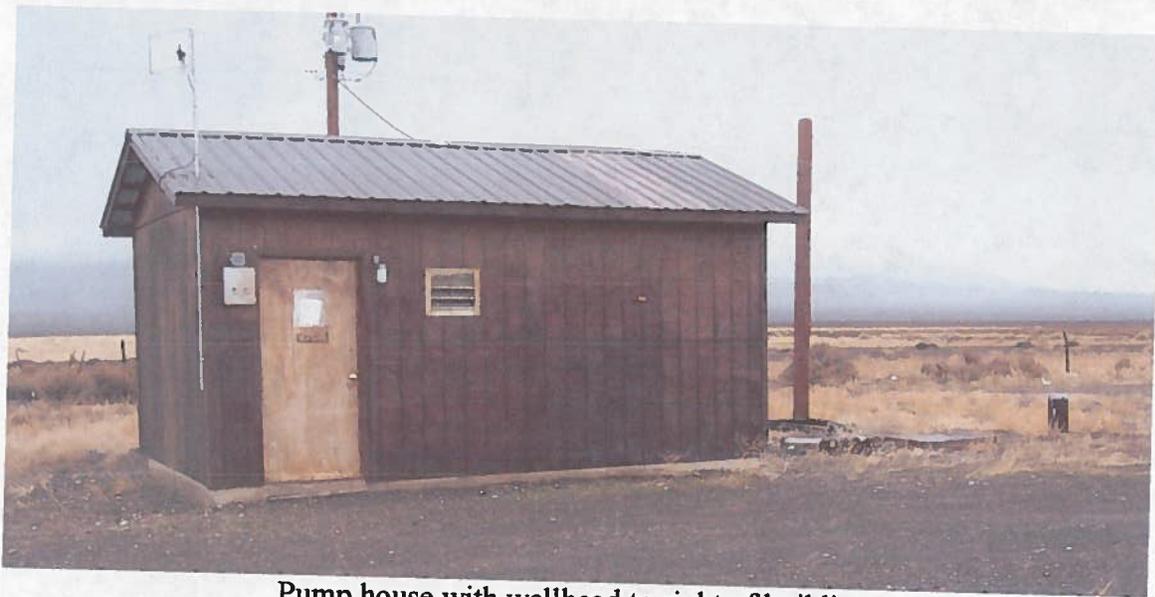
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View from entrance to park

### **Introduction**

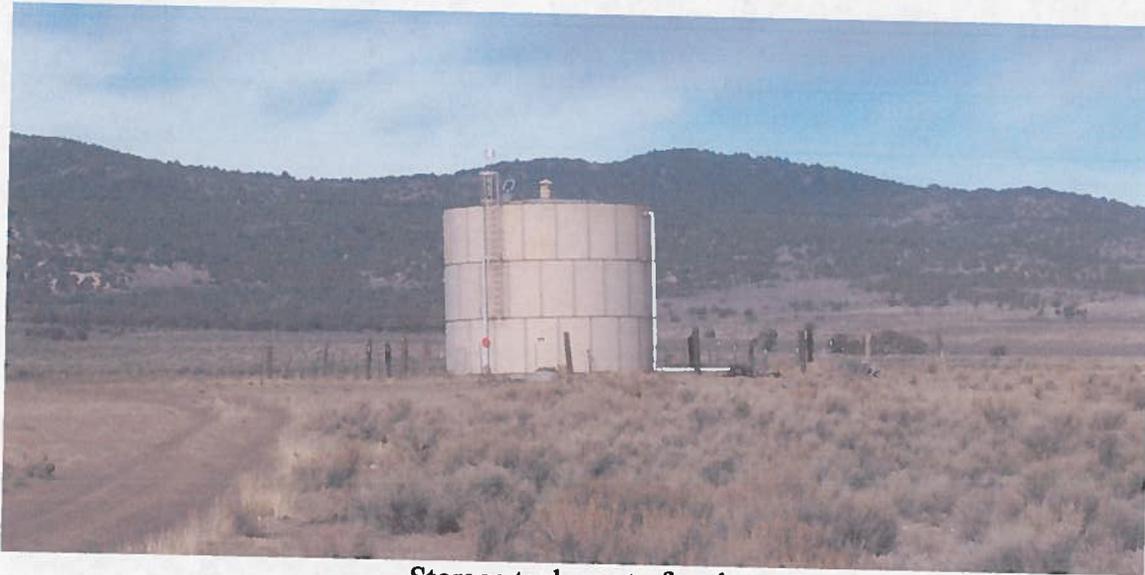
Oasis Mobile Home Park has 1 well on the property, located at the south-east end of the park. Water is pumped from the well into a 125,000 gallon storage tank located west of the park. Water is then gravity-fed to the houses and the spigots for wind-breaks and common areas.



Pump house with wellhead to right of building

Although the park is set up for forty-eight homes, only twenty-two lots currently have houses on them and are provided with water from this well and storage tank. The park is set up in a configuration of 8 circles, with 6 lots in each. There are 4 circles on the south side of the main road and 4 circles on the north side.

The main distribution system consists of PVC pipe from the pump house. The pipe Y's a short distance from the pump house and runs along the North and South side of the main road into the park, branching off into each circle, and then into each lot. After the housing area, the pipe then Y's back into a single pipe which runs to the storage tank, approximately 1/2 mile from the park. Water is included in the rent and is not metered.



Storage tank west of park

**A. Public Education**

Tenants will be given the following sources for information:

USGS *Water in Nevada*

<http://nevada.usgs.gov/wb/index.htm>

*Nevada Natural Resources Status Report*

State of Nevada Department of Conservation and Natural Resources

<http://dcnr.nv.gov/nrp01/content.htm>

State of Nevada, Department of Conservation and Natural Resources,  
Division of Water Resources

<http://water.nv.gov>

Southern Nevada Water Authority

<http://www.snwa.com/html/cons.index.html>

US Environmental Protection Agency

<http://epa.gov/watersense>

Nevada Water Resources Association

<http://www.nvwra.org>

**B. Conservation Measures**

Since our water is not metered, management can only encourage residents to adopt water conservation habits. We have no way of turning off the outside water since all lots have an outside water spigot hooked into their house water at the back of their residence. Problems will have to be dealt with on a case-by-case basis. The following are ideas to help:

- a. Encourage reduction in size of lawns and use of plants that are adapted to arid and semi-arid climates.
- b. Alternate day watering with a schedule of houses that may water on those days.

- c. Watering only during the evening/night and limit on time water may be on.

C. **Water Management**

a. **Identify and reduce leakage**

1. Physical observation of outside pipes/spigots for possible leaks
2. Use of soaker hoses for wind-breaks
3. Repair of any leaks in a timely manner

b. **Increase the use of effluent**

All Homeowners are on septic tanks, and the reuse of effluent is not carried out.

D. **Drought Contingency Plan**

- a. Drinking water would be purchased at Smith's, the nearest grocery store.
- b. No outside water usage for gardens/lawns would be permitted during the time of emergency.

E. **Schedule for Carrying Out the Conservation Plan**

The conservation Plan will be implemented immediately upon approval. The information will be posted on the pump house door and bulletin board near the entrance to the park.

F. **Feasibility of charging variable rates for the use of water**

Our water is not metered. It is included in the rent and no lots have meters. This area is not applicable.

G. **Adoption of Plan to Provide Incentives to Encourage Reduction in Water Usage**

Owners and Management of the park encourage the conservation of water through educating the tenants, and personal requests as needed by:

1. Using water conservation,
2. Retrofitting their homes with plumbing fixtures designed to conserve the use of water, and
3. Installing landscape that uses a minimal amount of water.

This Water Conservation Plan will be given to all interested persons, who will be provided with an opportunity to submit written reviews and recommendations on the Plan. The Plan will also be posted on the pump house door.