

Nevada Drought Forum, August 19, 2015

- **Water Audit of State Facilities Summary**
 - Required to be completed by June 15, 2015 in accordance with Section 3 of the Executive Order
 - Completed and delivered to Dept. of Administration on May 15, 2015
 - Inventory attached herein
 - Upgrade to NSPWD standards based on the following criteria:
 1. Whenever a restroom remodel is taken on by B&G;
 2. Whenever repair of any given fixture is required.
 - A remodel of the Restrooms on the 1st floor of the Blasdel Building using state-of-the-art energy conserving fixtures has been proposed

- **Landscape Watering**
 - Schedules of watering times and duration have been revised and shortened
 - Monitoring of systems to repair leaks, broken sprinkler heads, etc. to reduce water waste is done on a continual basis.
 - Reports of water leaking, etc. are dealt with immediately by B&G Grounds personnel

- **Marlette Lake Water System**
 - On Tuesday, June 30, 2015, a meeting was held with SPWD, NDOW, Carson City, and Storey County representatives to discuss specific issues in the operation of the Marlette Lake Water System.
 - Per previous agreement with NDOW, level of Marlette was not to be pumped below 3-feet below spill. This agreement now allows the level to go to 4-feet below spill.
 - Pumping of Marlette Lake to Hobart Reservoir has been taking place since July 8, 2015.
 - Pumping will end approximately September 1, 2015 due to pumping and high rates of evaporation.
 - Water flow from the East Slope Catchments is only amounting to about 100 gpm in these conditions.

ATTACHMENT 1

NEVADA STATE PUBLIC WORKS DIVISION ADOPTED STANDARDS

7.4.6 All plumbing fixtures shall be specifically designed to conserve water. Maximum water usage by specific fixture type shall be as follows:

| | |
|--------------------------|---|
| Water Closets..... | 1.6 gallons per flush |
| Urinals | 0.125 gallons per flush |
| Restroom lavatories..... | 0.5 gallons per minute (automatic shut-off) |
| Showers..... | 1.75 gallons per minute |

In accordance with the requirements of Section 3 of the Executive Order, B&G has prepared an inventory of plumbing fixtures currently installed in all State facilities that are under the control of B&G, and is presented in the attached document. The policy B&G has been operating under is to upgrade all plumbing fixtures in B&G controlled facilities to the NSPWD standards for water conserving fixtures based on the following criteria: 1) whenever a restroom remodel project is taken on by B&G, and 2) whenever repair of any given fixture is required, the plumbing fixtures are brought up to NSPWD standards. However, since budgeting has not been provided to replace all fixtures to meet the water conserving standards at this time, the priority schedule detailed herein will be followed.

**Plumbing Fixture Inventory for
B and G Controlled Buildings**

| Building | Water Closets | Lavatory Faucet Sets | | | Urinals | Showers |
|---------------------------|---------------|----------------------|-----------|-----------|------------|-----------|
| | | lever | push | sensor | | |
| Reno | | | | | | |
| NHP | 8 | 7 | | | 3 | |
| DMV | 11 | 3 | 7 | | 4 | |
| Shop | 1 | 1 | | | | |
| Purch. Warehouse | 2 | 2 | | | | |
| EIS | 8 | | 4 | 5 | 1 | |
| Carson City | | | | | | |
| Frankie Sue | 6 | | 6 | | | |
| A.G.'s | 3 | 3 | | | | |
| Hero's | 24 | 22 | | | 8 | |
| Blasdel | 10 | 6 | | 8 | 8 | |
| Capitol | 16 | 16 | | | 3 | |
| Education | 8 | 2 | 4 | | 4 | |
| Mailroom | 5 | 6 | | | 3 | |
| Bryan | 30 | | | 20 | 10 | |
| DMV Crsn | 49 | 32 | | 6 | 13 | |
| B&G Cmplx | 6 | 6 | | | 4 | |
| Supreme Ct. | 39 | 18 | 21 | 1 | 7 | 8 |
| NSLA | 27 | 16 | 25 | | 7 | |
| Eicon | 9 | | | 12 | 6 | |
| Stewart Complex | | | | | | |
| #3 Indian Comm | 2 | 3 | | | | |
| #6 POST | 13 | 14 | | | 3 | 10 |
| #9 POST | 1 | 1 | | | | 1 |
| #12 POST | 14 | 22 | | | | 14 |
| #13 NHP | 14 | 22 | | | | 14 |
| #17 NDOC | 18 | 12 | | | 4 | |
| #18 NDOC | 2 | 2 | | | | |
| #44 Cap. Police | 1 | 1 | | | | 1 |
| #84 B&G shop | 1 | 1 | | | 1 | |
| #89 NDOC | 15 | 16 | | | 7 | |
| #107 DPS | 24 | 16 | 4 | | 4 | 1 |
| #160 Gym* | 15 | 12 | | | 6 | 8 |
| SUB-TOTALS NO. NEV | 382 | 262 | 71 | 52 | 106 | 57 |

* Gymnasium locker room has 5 gang showers (towers) with 6 shower heads on each.

