



THE CITY OF SAN DIEGO

MEMORANDUM

DATE: October 12, 2010

TO: Natural Resources and Culture Committee – Agenda of October 20, 2010

FROM: Roger S. Bailey, Director of Public Utilities

SUBJECT: Monthly Update on Conservation and Water Use Restrictions

Since the first month of implementation of mandatory use restrictions in San Diego in June 2009, the Public Utilities Department staff has provided the City Council's Natural Resources and Culture Committee with monthly updates on compliance efforts and resulting reductions in water use. For Fiscal Year 2010, water usage citywide was 11% lower than usage during the previous year, meeting the 8% reduction target set by the San Diego County Water Authority (CWA). In Fiscal Year 2011, the CWA called for the same usage reduction target of 8%. This update summarizes water usage in the City of San Diego for this Fiscal Year through September 30, 2010. It also includes the current water supply outlook and the latest information on water waste compliance.

Water Supply Outlook

California got some relief in Fiscal Year 2010 with plentiful snowpack and above average rainfall in certain parts of the state. This allowed some of the reservoirs to be replenished and ready to meet water demands this new Fiscal Year. Lake Oroville is currently 49% full; this time last year, it was 38% full. Diamond Lake is 69% full compared to 48% last year. Lake Powell currently is 63% full, the same level as it was this time last year.

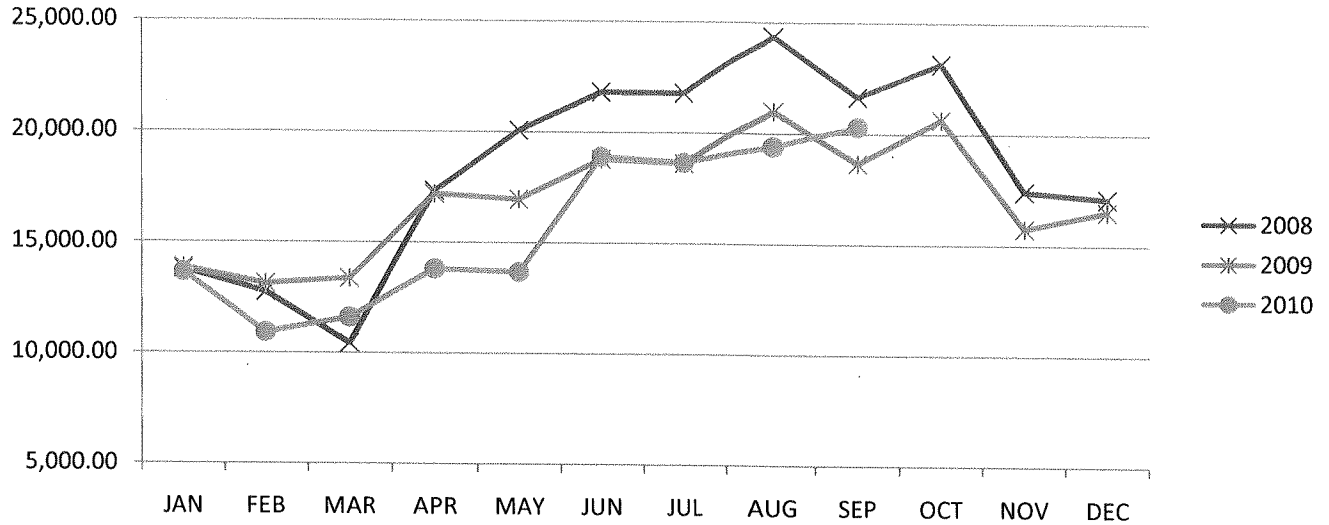
Summer has been relatively cooler this year compared to last year. From June to August, the average temperature in San Diego was up to 5 degrees cooler than the same month last year.

Water Use Reduction

Chart A shows how overall usage in the City has trended. Since mandatory water conservation messaging began in May 2009, monthly usage has been significantly lower than the prior year, through May 2010. Water usage in June and July 2010 has been about the same compared to

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Chart A – Total Consumption (AF)



usage in June and July 2009, which showed that the commitment to conserve water from 2008 (non-mandatory conservation year) remains steady. Usage in August 2010 is even lower than previous years, but it increased in September when San Diego started having hotter days.

Chart B – Billed Consumption in August (AF)

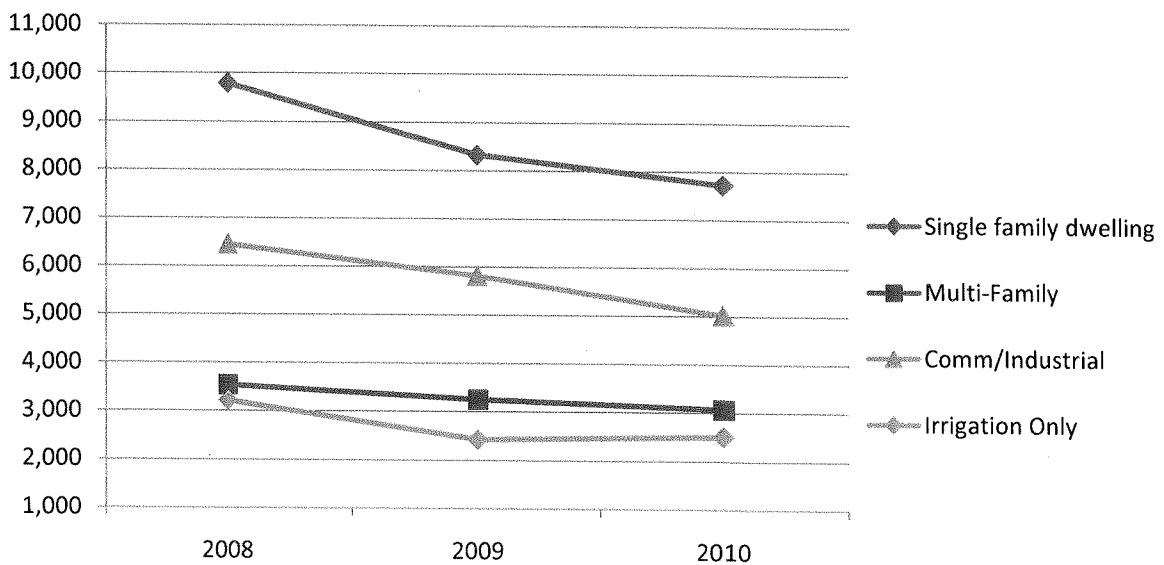


Chart B above shows how the major user categories used water in August 2010, as compared to August consumption from previous years. Usage in August 2010 continued to go down, with irrigation only customers showing a slight increase from last year.

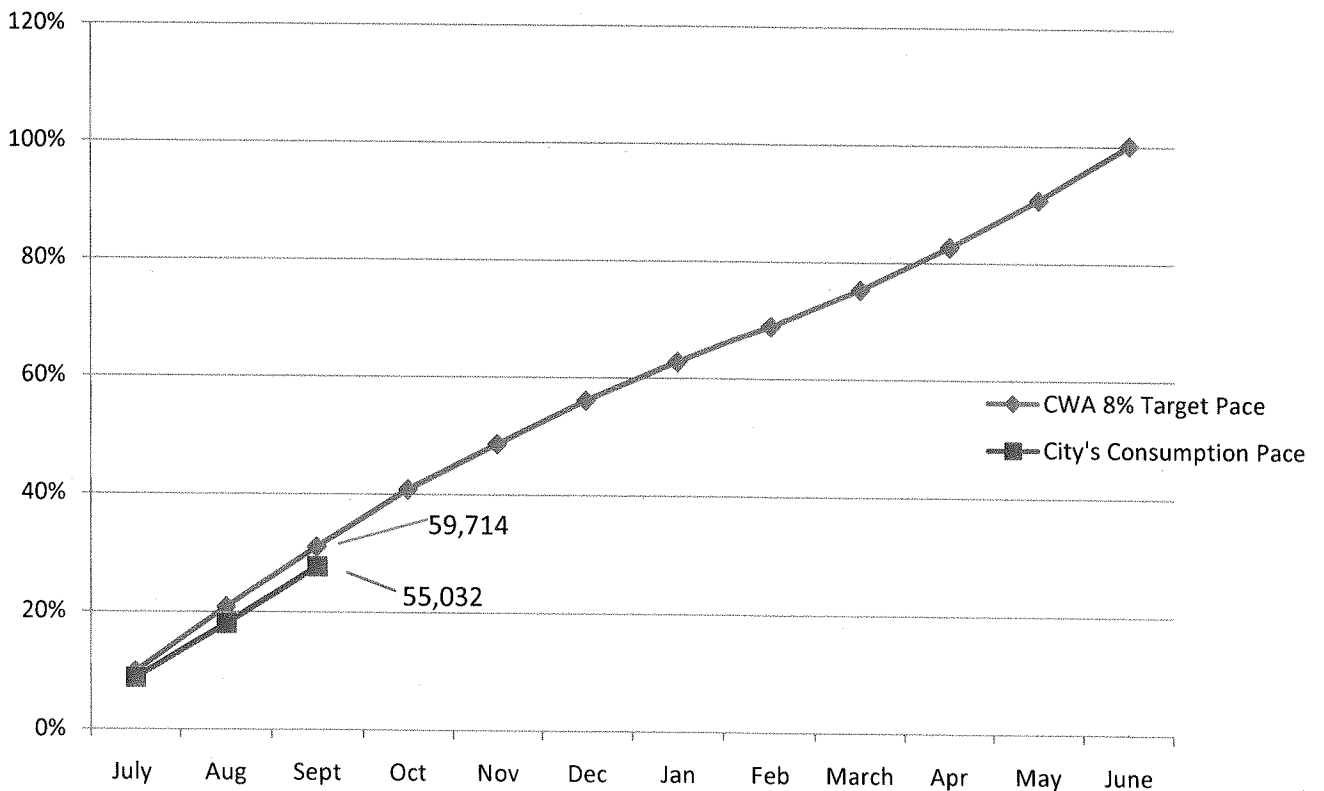
Water usage by City departments was down 11.57% in August 2010, compared to the same month a year ago.

Note: Usage for September 2010, broken down by user groups, was not available as of the submission deadline for this memo, but will be presented at the October 20, 2010 meeting.

Meeting the CWA Allocation

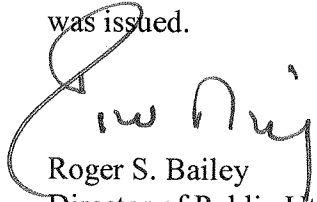
The City of San Diego's Fiscal Year 2011 allocation from the CWA is 220,143.8 acre-feet (AF) in water deliveries. City staff anticipates this allocation to amount to a 192,626 AF consumption target for the year. Chart C shows the annual target broken down into monthly targets and, when comparing the actual consumption through September to the month targets, the City is 7.8% below its target.

Chart C – Consumption Pace



Water Waste Enforcement

With regards to water waste enforcement, more than 6,577 complaints were received through September 30, 2010, since the restrictions began 15 months ago. A total of 87 cases have been referred to Code Enforcement Officers due to non-action, and one citation carrying a \$100 fine was issued.



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LSG/lsg

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