

City of Brisbane Agenda Report

TO: Honorable Mayor and City Council
President and Board Members of GVMID

FROM: Director of Public Works/City Engineer via City Manager

SUBJECT: Drought Implementation Plan

DATE: February 22, 2011

City Council Goals:

To provide for effective and efficient delivery of City services. (#1)

To provide public service that assures the safety of property and citizens residing, working, or visiting in Brisbane. (#9)

Purpose:

To obtain City Council and Guadalupe Valley Municipal Improvement District (GVMID) Board approval of resolutions that concur with a methodology for distribution of SFPUC supplied water to BAWSCA members during a drought condition; this action is consistent with the community's value of safety – it is critical for the health & welfare of residents and businesses that potable water be reliably available at all times.

Recommendation:

Staff recommends the City Council approve Resolution 2011-13, and that the GVMID Board approve Resolution GVMID 2011-01.

Background:

In May 2001, the Council and Board approved an Interim Water Shortage Allocation Plan (IWSAP), which was also adopted by the other 29 members of the Bay Area Water Users Association, and which proposed a methodology for allocating water among the "Suburban Purchasers" if/when SFPUC determined that drought conditions were in effect (see Attachment 1). The IWSAP was never activated.

When the 1984 Settlement Agreement and Master Water Sales Contract expired in 2009, they were subsequently replaced in June 2009 by the Water Supply Agreement (WSA) and Individual Water Sales Contracts with the City and County of San Francisco (see Attachment 2). The 2009

WSA requires the members of the Bay Area Water Supply and Conservation Agency (BAWSCA, the successor agency to BAWUA, created by state law in 2003 – see Attachment 3) to determine how to allocate reduced water amongst themselves during a drought.

Discussion:

The 2009 WSA includes a “Tier 1” Plan that allocates water between the San Francisco Regional Water System and the SFPUC Wholesale Customers (previously referred to as Suburban Purchasers).

The “Tier 2” Plan determines how the current 26 Wholesale Customers will allocate reduced SFPUC water deliveries amongst themselves if/when SFPUC determines that a system-wide shortage exists. This plan is referred to as the “Tier 2 Drought Implementation Plan” (DRIP).

The DRIP was developed by appointed Water Management Representatives from each agency (the Director of Public Works/City Engineer represented Brisbane and GVMID) during meetings that began in October 2009. The recommended plan was based on 6 principles (see Attachment 4); and further, involves complex calculations (see Exhibit A of the Resolutions) that attempt to include these principles, acknowledge that certain customers do not have fixed quantity contracts with SFPUC, and provide for a minimum residential per capita flow (especially for East Palo Alto).

The following table provides a comparison between the IWSAP and the allocation that would be provided under the proposed DRIP (based on most recent water consumption records):

Combined Brisbane/GVMID Supply Assurance	IWSAP Shortage Allocation (2001)	DRIP Shortage Allocation (2011)
0.98 MGD	0.52 MGD	0.52 MGD

Interestingly, the combined demands on the city’s systems have trended as follows:

Year	Avg Demand (in MGD)
2001	0.75
2002	0.71
2003	0.68
2004	0.72
2005	0.66
2006	0.65
2007	0.64
2008	0.63
2009	0.59
2010	0.56

The decision before the Council and Board to make is whether or not to approve the recommended Plan.

The WSA requires that any new drought allocation be adopted unanimously by all Wholesale Customers prior to June 30, 2011; if the Council and Board for Brisbane and GVMID, or any other member agency, choose to not approve this Plan, then the decision authority for developing a plan is delegated to the BAWSCA Board of Directors.

The general background for this report and the final proposed allocation amounts for Brisbane and GVMID were reviewed with the Water and Sewer Subcommittee on 2/7/11.

Fiscal Impact:

None as a direct result of approving the recommended Resolutions.

There is concern that during an extended drought condition our current rate structure would not be able to capture the water system's fixed costs from billings on reduced deliveries. Staff is working on this issue with the Water and Sewer Subcommittee. Based on the SFPUC's announcement that the February 2011 snowpack was at 90% of April snowpack, there appears to be no imminent occurrence of a drought

Measure of Success

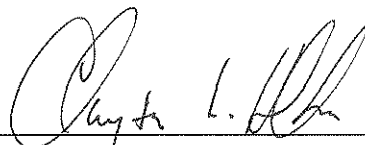
The establishment of a plan that equitably allocates available water supplies during a drought or other system-wide shortages.

Attachments:

1. May 29, 2001 Agenda Report to City Council and GVMID Board
2. June 15, 2009 Agenda Report to City Council and GVMID Board
3. March 10, 2003 Agenda Report to City Council
4. November 5, 2010 BAWSCA letter to Appointed Water Management Representatives
5. City Resolution 2011-13
6. GVMID Resolution 2011-01



Director of Public Works/City Engineer



City Manager

A copy of supporting materials provided to the City Manager and Council Persons in connection with this agenda item is available for public inspection and copying at 50 Park Place, City of Brisbane Department of Public Works, Brisbane, CA, 94005, Telephone: (415) 508-2130.