



LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road, Calabasas, CA 91302

AGENDA
REGULAR MEETING

Members of the public wishing to address the Board of Directors are advised that a statement of Public Comment Protocols is available from the Clerk of the Board. Prior to speaking, each speaker is asked to review these protocols and MUST complete a speakers' card and hand it to the Clerk of the Board. Speakers will be recognized in the order cards are received.

The Public Comments agenda item is presented to allow the public to address the Board on matters not on the agenda. The public may present comments on any agenda item at the time the item is called upon for discussion.

Materials prepared by the District in connection with subject matter on the agenda are available for public inspection at 4232 Las Virgenes Road, Calabasas, CA 91302. Materials prepared by the District and distributed to the Board during this meeting are available for public inspection at the meeting or as soon thereafter as possible. Materials presented to the Board by the public will be maintained as part of the records of these proceedings and are available upon written request to the Clerk of the Board.

5:00 PM

August 13, 2013

PLEDGE OF ALLEGIANCE

1. CALL TO ORDER AND ROLL CALL

A The meeting was called to order at _____ p.m. by _____ in the District offices, and the Secretary called the roll.

<u>Board of Directors</u>	<u>Present</u>	<u>Left</u>	<u>Absent</u>
Charles Caspary, President	_____	_____	_____
Glen Peterson, Vice President/MWD Rep.	_____	_____	_____
Barry Steinhardt, Secretary	_____	_____	_____
Leonard Polan, Treasurer	_____	_____	_____
Lee Renger, Director	_____	_____	_____

2. APPROVAL OF AGENDA

A Moved by Director_____, seconded by Director_____, and_____, that the agenda for the Regular Meeting of August 13, 2013, be approved as presented/amended.

3. PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

4. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Probability Analysis and Risk Management Discussion

B Update on Population and Water Demand Projections, 20x2020 Water Conservation Plan, and Water Conservation Incentives

Approve a District-paid supplement to the financial incentive for the Mow-No-Mow Turf Removal Rebate Program, providing up to \$3.00 per square foot of turf removed with a maximum of \$4,500 per property, and approve the addition of \$100,000 to the approved Fiscal Year 2013-14 Budget to fund the supplemental incentives.

C Legislative and Regulatory Updates

5. CONSENT CALENDAR

A Minutes: Regular Meetings of July 9, 2013 and July 23, 2013. Approve

B List of Demands: August 13, 2013. Approve

C Directors' Per Diem: July 2013. Ratify

6. TREASURER

7. BOARD OF DIRECTORS

A 5-Million-Gallon Tank: Follow-up on Alternatives to Address Storage Deficiency

Consider alternatives to address the storage deficiency in the western portion of the District's potable water system, identify the alternatives that best address the storage deficiency, rank the identified alternatives, and direct staff to proceed accordingly.

B Calabasas Road 10-inch Water Main Repair and Replacement: Continuation of Emergency Authorization

Approve continuation of the emergency authorization for the General Manager to replace approximately 1,500 feet of deteriorated 10-inch water main on Calabasas Road following informal bidding procedures in an amount not to exceed \$700,000.

8. FINANCE AND ADMINISTRATION

A Claim by Vista Pointe Homeowners Association

Deny the claim from Vista Pointe Homeowners Association.

9. LEGAL SERVICES

A Street Lighting Districts: Negotiated Tax Exchange Resolutions Resulting from Annexation of Territory Petition No. 5-212 to County Lighting Maintenance District 10032

Pass, approve and adopt Resolution No. 08-13-2442 for Negotiated Tax Exchange (LVMWD) Annexation of Petition No. 5-212; and pass, approve and adopt Resolution No. 08-13-2443 for Negotiated Tax Exchange (LVMW-Improvement District No. 9) Annexation of Petition No. 5-212 to County Lighting Maintenance District 10032.

RESOLUTION NOS. 08-13-2442 and 08-13-2443: JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF TRUSTEES OF THE LOS ANGELES COUNTY WEST VECTOR CONTROL DISTRICT, THE BOARD OF DIRECTORS OF THE RESOURCE CONSERVATION DISTRICT OF THE SANTA MONICA MOUNTAINS, THE CITY COUNCIL OF THE CITY OF AGOURA HILLS, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 9 APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PETITION NO. 5-212 TO COUNTY LIGHTING MAINTENANCE DISTRICT 10032

(Reference is hereby made to Resolution Nos. 08-13-2442 and 08-13-2443 on file in the District's Resolution Book and by this reference the same are incorporated and made a part hereof.)

B Resolution in Support of the Bay Delta Conservation Plan

Pass, approve and adopt Resolution No. 08-13-2444 in support of the Bay Delta Conservation Plan (BDCP).

RESOLUTION NO. 08-13-2444: A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT IN SUPPORT OF THE BAY DELTA CONSERVATION PLAN, RELIABLE WATER SUPPLIES AND ENVIRONMENTAL RESTORATION

(Reference is hereby made to Resolution No. 08-13-2444 on file in the District's Resolution Book and by this reference the same are incorporated and made a part hereof.)

10. INFORMATION ITEMS

- A Procedure for Dealing with Bees, Snakes and Pests in Meter Boxes, Vaults or Other District Facilities**
- B Renewal of Sodium Bisulfite Contract**
- C Renewal of Sodium Hypochlorite Contract**

11. NON-ACTION ITEMS

- A Organization Reports**
 - (1) MWD
 - a. Representative Report/Agenda(s)
 - (2) Other
- B Director's Reports on Outside Meetings**

C General Manager Reports

- (1) General Business
- (2) Follow-Up Items

D Director's Comments

12. FUTURE AGENDA ITEMS

13. PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

14. CLOSED SESSION

A Conference with District Counsel - Existing Litigation (Government Code Section 54956.9(a)):

1. Rommel Marzan v. Las Virgenes Municipal Water District
2. Dorna S. McKee v. Las Virgenes Municipal Water District
3. San Diego County Water Authority v. Metropolitan Water District of Southern California (Cases 1 and 2)
4. Las Virgenes Municipal Water District v. Millgee Investment Company, Inc.

B Conference with District Counsel - Potential Litigation (Government Code Section 54956.9): One Case

1. In the opinion of District Counsel, disclosure of the identity of the litigant would be prejudicial to the district.

C Conference with District Counsel - Existing Litigation:

1. Heal the Bay, Inc. v. Lisa P. Jackson

15. OPEN SESSION AND ADJOURNMENT



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject: Update on Population and Water Demand Projections, 20x2020 Water Conservation Plan, and Water Conservation Incentives

SUMMARY:

This item consists of an update on three inter-related topics: (1) population and water demand projections for the 2013 Master Plan Update, (2) 20x2020 Water Conservation Plan, and (3) the District's water conservation incentives. Additionally, staff recommends supplementing existing non-District funding for the Mow-No-Mow Turf Removal Rebate Program to increase the incentive from \$1.00 to \$3.00 per square foot with a cap of \$4,500 per property.

RECOMMENDATION(S):

Approve a District-paid supplement to the financial incentive for the Mow-No-Mow Turf Removal Rebate Program, providing up to \$3.00 per square foot of turf removed with a maximum of \$4,500 per property, and approve the addition of \$100,000 to the approved Fiscal Year 2013-14 Budget to fund the supplemental incentives.

FINANCIAL IMPACT:

The approved Fiscal Year 2013-14 Budget does not include funds to provide a District-paid supplement to the financial incentive for the Mow-No-Mow Turf Removal Program. The approval of the supplemental financial incentive is expected to result in an expense of approximately \$100,000 per year and would be capped at that amount. This amount would be sufficient to remove approximately 1.15 acres of turf grass.

DISCUSSION:

Population and Water Demand Projections:

As part of the 2013 Master Plan Update process, Kennedy/Jenks Consultants analyzed the effects of the economy and climate on future water demands. The analysis concluded that future water usage is substantially better correlated to economic factors than climatic factors. Water use is predicted to increase by 15% to 24% (weighted average of 17% based on customer type and landscaped area) from 2012 levels under good economic conditions and by 20% to 38% (weighted average of 25% based on customer type and landscaped area) from 2010 levels.

Kennedy/Jenks Consultants projected population growth using 2010 census data, which includes vacant housing information; Southern California Association of Governments (SCAG) databases; and land use and planning data along with Housing Element reports from various cities and Los Angeles County. The analysis estimated that the population will be in the range of 86,800 by 2035 as shown in Table 1, "Housing and Population Projection," of the attached report.

Based on the projected population growth, Kennedy/Jenks Consultants then performed water demand projections using 2010 and 2012 actual water billing/usage data along with adjustment factors for economic and drought recovery. A weighted average was used for the economic recovery factor and a maximum drought rebound factor of 31% was used. The analysis concluded that water demand will be in the range of

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30,025 to 37,470 acre-feet per year (AF/Y) in 2035. The population and water demand projections were compared with past studies (Figures 3 and 4 of the report) and found to be consistent with the 2005 and 2010 Urban Water Management Plans and the 2007 Master Plan Update.

Actual water billing/usage data from 2010 and 2012 was used in projecting water demand for the year 2035. Economic factors of 25% and 14% were used with the 2010 and 2012 water billing/usage data, respectively, to reflect a return to a better economy in the water demand projection for the year 2035. The economic factor for 2012 was reduced from 17% to 14% because, when the water billing/usage data increased by 15% from 2010 to 2012, 3% of the increase was assumed to be due to better economic conditions. The remainder of the 15% water usage increase was assumed to be due to drought rebound.

Table 3 provides a summary of water demand projections under three different scenarios in 2035 using 2010 actual water billing/usage data and an economic factor of 25%. The projected water demand is 33,750 AF/Y using a drought rebound factor of 16%, representing a partial drought recovery. Corresponding projected water demands of 30,025 AF/Y and 37,470 AF/Y are provided for no drought recovery (0% drought rebound factor) and full drought recovery (31% drought rebound factor) scenarios, respectively.

20x2020 Water Conservation Plan:

In February 2008, Governor Arnold Schwarzenegger introduced a seven-part plan to improve the Sacramento-San Joaquin Bay Delta. One part of the plan consisted of increased emphasis on water conservation and a challenge to state agencies to achieve a 20% reduction in per capita water use by 2020. The Legislature approved Senate Bill No. x7-7 in November 2009 to codify the requirements for urban retail water suppliers to achieve the 20% reduction by 2020 goal along with an interim target of 10% reduction by 2015. Subsequently, the California Department of Water Resources developed criteria, methods and standard reporting forms for use by water suppliers to demonstrate compliance with the law.

Compliance with the 20% by 2020 requirement can be demonstrated using one of four different methods. As a part of the District's 2010 Urban Water Management Plan, Method 1 - Baseline Reduction Method was selected for the District. This method consists of calculating 2015 and 2020 targets by reducing per capita water usage figures averaged over a 10-year continuous baseline period ending between 2004 and 2010 by 10% and 20%, respectively. This method resulted in District target of 277 gallons per capita per day (gpcd) for 2015 and 246 for 2020.

Staff is currently developing a strategy to meet the water conservation targets specified in Senate Bill No. x7-7 and will provide a summary report to the Board in the near future.

District's Water Conservation Incentives:

Attachment A provides a list of incentives for water conservation devices and programs available to the District's customers in Fiscal Year 2012-13. The District's success in promoting these incentives, as well as improving the less popular ones, is a critical factor to achieve the 20% by 2020 water conservation targets.

Staff analysis indicates that the program with the greatest potential for reducing outdoor water usage involves lawn or turf removal. Administered by the District as Mow-No-Mow Turf Removal Rebate Program, the program promotes conversion of turf grass to California-friendly plantings with a rebate of \$1.00 per square foot from MWD and an additional \$0.25 per square foot from Proposition 50 funding if contouring for runoff control is included. It is a largely under-subscribed program due to the high cost to the homeowners for the work even if undertaken as a "do-it-yourself" project. Also, the additional \$0.25 incentive for runoff control is only available for front yards.

Fourteen projects have been completed since the program began in April 2012, resulting in replacement of 15,676 square feet of lawn with runoff elimination features. There is still limited data to allow a meaningful determination of water use reduction, but early experience by some homeowners indicate a 20% to 50% decrease. The initial results are somewhat complicated because this year is much drier compared to last year. Thirteen projects with a total area of 12,883 square feet of turf replacement are still underway.

Attachment B provides a summary of lawn and turf removal programs sponsored by other agencies, which indicates a recent shift towards increasing the rebate to provide a more substantial incentive to homeowners. The largest rebate is currently provided by the City of Long Beach Water Department at \$3.00 per square

foot. A rebate of this size sends a positive and strong message that conservation is highly encouraged. The program include specific terms and conditions to ensure that participants are accountable for the expected turf removal.

For indoor water use reduction, staff analysis indicates that the best conservation program enhancement is to increase the incentive for high-efficiency clothes washer from \$85 to \$300 per unit. Staff is currently seeking supplemental funding that is expected to be re-allocated from unspent Proposition 50 funding in the region for this purpose. Subscription to this program was at an all-time high of 500 units in Fiscal Year 2002-03, when \$300 rebates were offered. No Board action is necessary at this time to seek the additional funding.

Prepared By: John Zhao, Principal Engineer and Carlos Reyes, Director, Resource Conservation and Public Outreach

ATTACHMENTS:

[Water Demand Projection Report](#)

[Attachment A - Devices and Programs](#)

[Attachment B - Comparison of Lawn and Turf Removal Programs](#)

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Technical Memorandum

To: John Zhao, David Lippman
From: Roger Null, Tarun Gill
Subject: Projected Population and Water Demands
K/J 1389005*00

An important element in utility Master Planning is a planning level assessment of future water demands and supply requirements. While the methods utilized to perform local demand projections vary, there are a few criteria that are commonly used to support this effort. These typically include a population projection based approach and a change in land use based approach. The District has historically used both of these approaches, either as a stand-alone method or as a hybrid of the two in its previous and ongoing forecasting activities. The approach utilized has historically been based on the end use or purpose of the planning effort.

The two most recent and important planning efforts commissioned by the District were the 2010 Urban Water Management Plan (UWMP), and the 2007 Integrated Potable Water, Recycled Water, and Sanitation Master Plans (2007 Master Plan). As required by California Government Code, the UWMP is updated every 5 years. To integrate changing conditions and regulations, the District also updates its Master Plan every 5 to 7 years. This Technical Memorandum describes in detail the methodology used for population and water demand projections for the District's service area as an element of this 2013 Integrated Potable Water, Recycled Water, and Sanitation Master Plan Update.

A discussion of the data sources used for these previous planning efforts and the methodology used for the current Master Plan (MP) to develop population and water demand projections are described herein.

1. Data Sources

1.1 Southern California Association of Governments (SCAG) Data

SCAG is responsible for the development of demographic projections and various integrated land use, housing, employment, transportation programs, measures, and strategies of the South Coast Air Quality Management Plan. It maintains two sets of transportation analysis zones (TAZ) data for the Regional Transportation Plan (2012-2035) along with socioeconomic data for the region. The more comprehensive data is comprised by 4,109 zones (Tier 1) across the SCAG region. Within each TAZ, SCAG has derived spatial data relating to population, housing, and employment under current conditions, and developed projections for the years 2020 and 2035. This detailed and comprehensive dataset was used for this Master Plan project.

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1.2 Census Data

The US Census Bureau Other develops and maintains other digital and spatial datasets relating to population, demographics, housing element, occupancy, and other economic and trend information. Census data for California is maintained by the California Department of Finance. This dataset has been used in prior District studies for estimating population at a census tract/block level. This tract/block data is more detailed than the TAZ level data developed and maintained by SCAG.

1.3 Land Use Data

Land use coverage data for the service area was collected from the District GIS parcels, LA County land use/zoning data and various other sources. Kennedy/Jenks also corresponded with the cities of Agoura Hills, Calabasas, Hidden Hills, Westlake Village, Thousand Oaks, LA County and Ventura County staff and/or their planning consultants to obtain zoning and land use data for each of these individual agencies. In cases where GIS data was not provided, Kennedy/Jenks digitized the CAD data received to build spatial GIS coverages for these areas. This data, along with 2013 Housing Element reports for each of the cities, provided the primary information related to opportunities of re-development, zoning specifications, and vacant lot areas for each service area.

1.4 District's Utility Billing Data

The District utilizes a customer information system to maintain its account-level information. LVMWD billing data classifies it's accounts into the following customer class categories: residential, commercial, irrigation, fire protection, reclamation and temporary usage. Review of this information indicates that the District's customer base is primarily residential, representing approximately 85-90% of the active accounts. The balance of the accounts is made up with various commercial, industrial, and institutional customers. Billing information for the 2012 calendar year calendar reflects a total customer base of approximately 20,350 water accounts, using approximately 25,570 acre-feet of water. Account level billing data for the last 12 years was used in the analysis of water demands for this Master Plan.

1.5 Data Variability

As discussed, there are several interrelated data sources that provide valuable insight to the assessment of future population projections and the needs for water or wastewater services. A common facet that comes with using information from multiple agencies is data variability. In general, agencies develop and manage information in different ways or platforms, compiles or batches data differently, and utilizes different definitions to describe their information and data. This broad inconsistency is most prevalent in the land use and zoning element, as these planning categories are almost always unique for various agencies. This is the case for the agencies served by the District, as each agency has unique land use categories and definitions.

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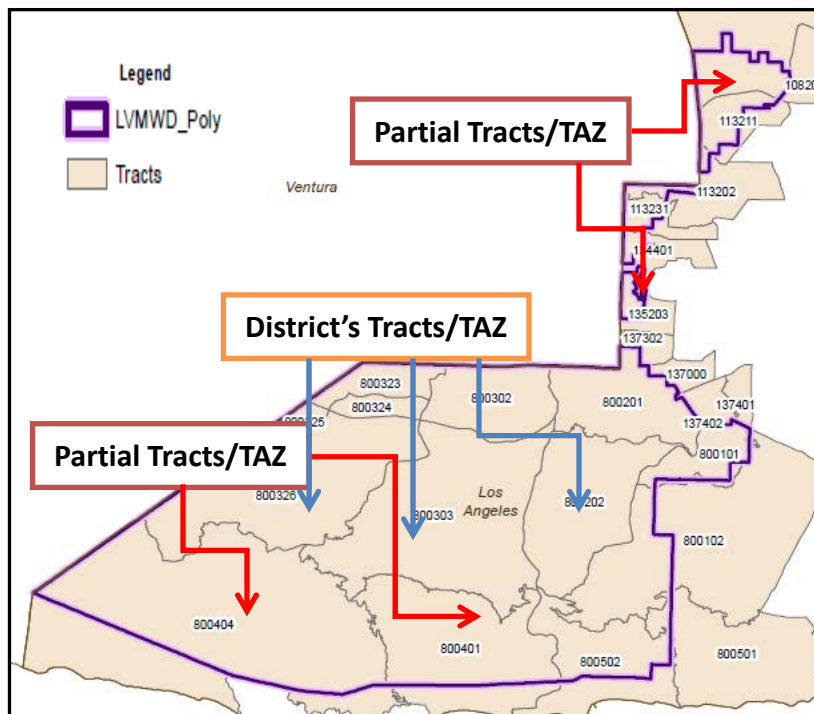
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A second facet associated with multiple data sources is the inherent inconsistency in information assigned to an individual account or parcel from various agencies. These inconsistencies are often in the form of spelling or abbreviation of street names, the approach used for segregating various data fields, and even the type of customer being served (commercial vs. residential for example). In all cases, the reconciliation of information typically requires a substantial level of data scrubbing, digital data correlation, and due diligence to develop a data set that spatially represents both current and future conditions.

Finally, in addition to the common multiple agency data variability, the District incurs an additional question surrounding the use of available spatial data. This question arises from the fact that many of the applicable data sets do not coincide with the District's service area boundaries, leaving some data sets subject to interpretation. This condition is prevalent with the data segregated by TAZ/tract from SCAG, the US Census Bureau, and Los Angeles County. The fully contained and partial TAZ/tract areas are graphically depicted in Figure 1.

As shown, much of the TAZ/tract data in the upper portion of the western service area is fully contained in the District's service area boundary, as this area is bounded by the County line. In contrast, almost all of the TAZ/tract data in the northern and southern portions of the unincorporated LA County areas and the southeast side of the City of Calabasas do not coincide with the District's service area boundaries. As such, each of these areas requires a specific evaluation to assess the applicable portion of the current and future population and housing information contained in the Census and SCAG data.

Figure 1: Inconsistent Service Area and TAZ Boundaries



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2. Current and Projected Population Estimates

The current and projected demands are integral factors in the evaluation of the District's future utility systems. Due to the historical variation in the economy and weather conditions, the growth rates have differed from previous studies, suggesting the need to reassess projected demand conditions. Current population estimates and future projections were calculated based on census, SCAG databases, land use and planning data, local agency Housing Element reports, and vacant housing information derived from the census and the District's water billing data.

While buildout for any community may actually never materialize, for the purposes of this study, build-out is estimated to occur at the year 2035. This period was chosen as it coincides with other applicable service area studies, such as the most recent UWMP, SCAG population/housing/employment projections, etc. The sections below describe the methodology for estimating the District's current and projected population.

2.1 Current Population Estimate

The current population was estimated based on Southern California Association of Governments (SCAG) spatial data. SCAG is the lead agency responsible for the development of current and projected spatial data related to population, housing and employment for the region. To reconcile the disparity in the District and TAZ boundaries, the SCAG GIS layer was "clipped" to coincide with the District's boundary layer, and the overlying TAZ areas contained within the District's boundary identified. These TAZ areas were subsequently categorized into two groups:

- Fully Contained TAZ – Those TAZ which were fully contained within the District's boundary.
- Partially Contained TAZ – Those TAZ which were partially contained within the District's Boundary. These included the TAZ which covered much of the District's southern border and the northeast or "Chimney" area of the District's service area boundary.

Current population estimates were based on SCAG data for 2008. For the Fully Contained TAZ, SCAG 2008 estimates were directly used for the population calculations. For the Partially Contained TAZ (reflected in figure 1), the population estimates were reconciled with the "block-level" 2010 census data. This block-level evaluation, performed by the District, provided the basis of planning for these Partially Contained TAZ areas.

A focused review of Tract/TAZ 800404 has been selected to demonstrate this issue, and is graphically depicted in Figure 2. As shown, Tract/TAZ 800404 is partially contained within the District's service area. With a detailed review of the land use coverage overlay, it is evident that the Malibu coastal area is part of this TAZ, but lies outside the District's boundary. Additionally, it is clear that the Malibu area is vastly more densely populated than the area of the TAZ which falls inside the District's boundary. As such, proportioning the current and projected population within this TAZ based on the percentage of TAZ area that is within the District's boundary would

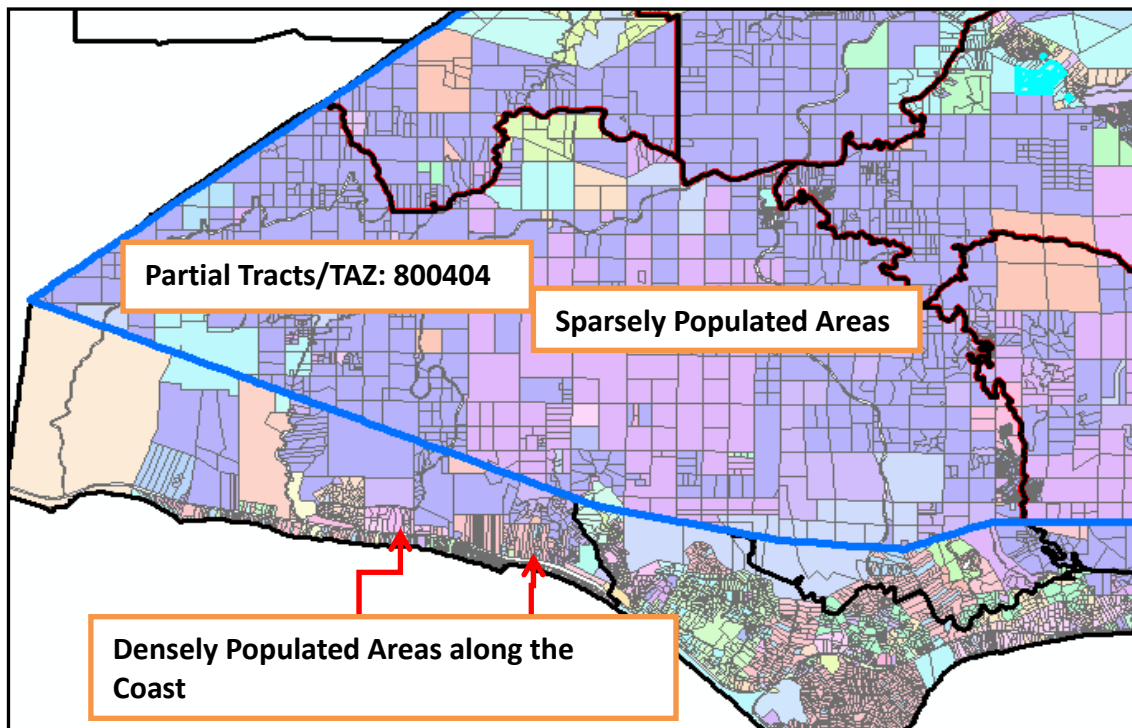
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grossly overestimate the District's population in this TAZ. Given this finding, a more detailed assessment was performed for all Partially Contained TAZ to improve projection accuracy.

Figure 2: Example of Partial Tract/TAZ Areas



The initial step in the partial TAZ adjustment process was to contrast the 2008 SCAG data to the block-level 2010 census estimates developed by the District and derive a unique population ratio for each Partially Contained TAZ. This ratio was then applied to the SCAG estimates to estimate the population that resides in and out of the District's service area. Proceeding in this manner reconciles the discrepancy in the SCAG/census datasets, and fine tunes the population estimates for these partially contained TAZ areas. The resulting 2010 population estimate using the SCAG data is 70,138. In contrast, the District utilized the 2010 Census information to estimate the 2010 population to be 67,628, a difference of approximately 2,500 residents. This difference is not believed to have a material impact on the projection of future population or water demands estimates.

2.2 Population Projections

Population projections were calculated based on General Plan reports, updated Housing Element studies, discussion with agency Staff, vacant housing information from the 2010 census, inactive accounts from District billing data, land use and planning data from the unincorporated areas of LA County, and Ariel photography for development opportunities within

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the District's service boundaries. The population projections for future conditions correspond to the year 2035 and are provided in Table 1.

As shown, the population in the District's service area is projected to reach approximately 86,800 people, an increase of approximately 23 percent. This increase is attained from both new housing units and the full occupancy of available housing as quantified in the 2010 census. A discussion of the source information and methodology utilized to derive these projections follows Table 1.

Table 1: Housing and Population Projections

Agency/Growth Description	Projected New Dwelling Units	Applicable Persons per Household (PPH)	Projected Additional Population
Agoura Hills (1)			
Agoura Village	293	3.345	980
N Agoura Rd	73	3.345	244
Calabasas (2)			
	746	3.045	2,272
Hidden Hills (3)			
Per HH note from SCAG	34	3.23	110
Westlake Village			
Westlake Village Business	84	3.01	253
	401	3.01	1,207
Unincorporated LA County (4)			
Additional Population from Land Use Calculations	2,746	3.15	8,773
Vacant HSE Units (5)			
Additional Population from Vacant units	936	3.03	2,816
Totals	5,314		16,655
Population 2010 (SCAG reconciled with Census)			70,138
Population 2010 (Census Blocks(6))			67,628
Population Projection 2035			86,793

- 1) May 2013 Housing Element, Agoura Village SP increased by 100 units per A. Cook, PPH from average of tracts 800323 & 800324
- 2) June 2013 Housing Element, pph from average of tracts 800101 and 800202
- 3) March 2013 Housing element, pph from tract 800201
- 4) Based on land use acreage and density, pph from TAZ specific values, averages used in Table 1
- 5) Vacant Units coverage based on 2010 census data, TAZ specific
- 6) District estimate based on 2010 Census tract and block level data

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- **Local City Growth Estimates**

As shown in Table 1, Agoura Hills, Calabasas, Hidden Hills and West lake Village are projected to increase in density and associated population over the 25 year planning period, with estimated population increase of 1,224, 2,272, 110 and 1,460, respectively. These values were calculated based on the updated 2013 Housing Element reports for each of these cities, along with discussions with City Staff and /or their planning consultants. Since updated Housing Elements are required by state statues Government Code Sections 65580-65589.8, each of these Housing Elements have been updated since the District's 2007 Master Plan and 2010 UWMP were prepared. In fact, all of the applicable Housing Elements have been developed in 2013.

- **Unincorporated LA County Area Growth Estimates**

In contrast to the focused and area specific local city housing and growth estimates, growth estimates for the unincorporated areas of the County were derived based on land use information. As such, the applicable parcel-level land use information of acreage, land use type, maximum allowable densities, and census-oriented persons per household (PPH) data was used to estimate the increase in both dwelling units and population. Non improved parcels were filtered from the Land Use data and classified according to their zoning category. The County General Plan provided the maximum allowable density for each category. Additional dwelling units were calculated by applying the maximum density to acreage of each parcel. Ultimately, a projected population was calculated by correlating the persons per household values from the census data with the calculated increase in additional housing units.

- **Vacant Housing Units**

In addition to the increases in population from new dwelling units or changes in persons per household, increased population projections were also estimated from the 2010 census' documentation of the vacant housing units. To support this process, the American Community Survey's (2009) 5 Year data was downloaded from <http://www.census.gov/acs/www>. This data set included family size, demographic data, housing (HSE) units, vacant units, employment status etc. for the tracts in the District's service area. Applicable average family size values for each Tract were correlated with the vacant housing dataset to estimate the additional population that would occur from the fully occupied housing stock.

As shown, an additional population of 2,816 is projected to reside in the District when these dwelling units are fully occupied. Of note, this vacant housing stock value was further supported by a review of the District's utility billing system account data. This review found a comparable number of inactive accounts in the billing database.

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3. Water Demand Projections

3.1 Total Potable Water Demand Projections based on 2010 Data

Water demands and duty factors for were calculated based on the District's 2010 utility billing data. 2010 data was chosen as the baseline data set so that actual water usage data could be correlated to the 2010 census/SCAG population data derived in Section 2. Each of the District's accounts was categorized under one of following types: residential (single family and multifamily), commercial, irrigation, reclaimed, fire protection and temporary based on the type of service provided. Reclaimed water and temporary water usage was excluded from the potable water calculations.

The District's actual 2010 account level bi-monthly billing data was used to reflect potable water sales. A four percent unaccounted (non-revenue) water factor was applied to this metered or billed water consumption data to adjust the data from water consumption to a water supply/production requirement. This calculation methodology was consistent with the most recent demand forecasting approach used in the District's 2010 UWMP. The results of the 2010 evaluation are provided in Table 2. Based on this water usage and the estimated 2010 population, results in a District wide water usage value of 238 gallons per capita per day.

Table 2: 2010 Water Usage Data

Type	Amount
Residential (HCF)	6,622,042
Irrigation (HCF)	243,340
Commercial (HCF)	951,040
Fire (HCF)	1,977
Unaccounted (HCF) ⁽¹⁾	312,736
Total Water Usage (AFY) ⁽²⁾	18,664
Total Water Usage (gallons per day)	16,664,370
Population 2010 (SCAG reconciled with 2010 census data) ⁽³⁾	70,138
Population 2035	86,793

Source: Water usage based on District billing data

(1) Unaccountable water based on District billing analysis

(2) Low water demand was noted in 2010 from the economy, drought and water budget allocations

(3) District estimated 2010 population estimate using census data is 67,628

For the District, there are three key questions that need to be answered to move from using actual water usage information to forecasting future water demands. These are: 1) how has the weather and/or the economy affected recent/current water demands, 2) how has the drought and associated rationing affected water demands, and 3) is there any statistical evidence to suggest that any or all of these factors will affect water demands in the future. Each of these is discussed as follows:

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3.1.1 Weather and Economic Impacts

To assess the potential impact of these variables on water usage, a regression analysis of the District's billing data from the year 2003 through 2013 was performed. This analysis evaluated the correlation between water use among various customer types and weather (precipitation, ET) and economic (unemployment rate) factors for the District's customers over this same time period. Although it was found that there wasn't a high correlation with ET or rainfall, the results of a demand analyses indicate that both water demands and wastewater discharges correlated with the changing economic conditions within the District's service area. When the economy is "good" with a low unemployment rate, both water usage and wastewater generation increase.

The analysis suggested that water usage is predicted to increase as much as 20 to 38 (weighted average of 25%) percent based on the 2010 data and 15 to 24 (weighted average of 17%) percent based on 2012 data, under good economic conditions for various customer types. Based on this analysis, an economic factor of 25% was applied to the 2010 data to project future potable water demands in Table 3. A comprehensive Technical Memorandum of this statistical analysis is provided in Appendix A.

3.1.2 Drought Impacts

Dr. Randall Orton, Resource Conservation Manager, studied the impacts of drought on water demands. The objective of the study was to estimate the pace and magnitude of post drought response on water demands. Based on the District's experience during the 1990-91 drought and an analysis of the primary factors that influence demand for potable water in the residential sector of LVMWD's service area, it was estimated that the annual demand following the end of the recent drought will continue to rise, attaining its pre-drought level in approximately six years and 85 percent of that level in two years, depending primarily on the incidence of wet winters. Moreover, the study suggests that over a shorter, monthly or seasonal time frame, peak summertime residential demands will likely return to their pre-drought levels in approximately 2-4 years.

Based on this study, a drought recovery factor of 31% was derived and applied to the water demand projection to represent an "upper limit" of a full drought recovery. A sensitivity analysis was also performed to bracket various demand projections under consideration. A comprehensive Technical Memorandum of this Drought Analysis is provided in Appendix B.

3.1.3 Statistical Correlation with District's Water Demands

To account for the probable impact of both economic and drought recovery factors, an economic factor of 25% was then applied to the 2010 potable water usage values. Various drought-recovery factors were also considered as potential future water demand requirements. Based on the 2035 population projection of 86,793 previously derived, water demand projections were calculated for the following three scenarios, and shown in Table 3:

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- Scenario 1: Full Drought Recovery
- Scenario 2: No Drought Recovery
- Scenario 3: Partial (50%) Drought Recovery

Table 3: Total Water Demand Projections Using 2010 Data

Scenario	Economic Factor	Drought Rebound Factor	Water Duty Factor (WDF) ⁽¹⁾	Total Water Usage (gal/day)	Total Water Usage (AFY)
Scenario 1: With Drought Rebound	25%	31%	385	33,465,165	37,470
Scenario 2: No Drought Recovery	25%	0%	309	26,807,824	30,025
Scenario 3: Partial Drought Recovery	25%	16%	347	30,128,041	33,750

Note: Some values may be rounded.

(1) Water duty factor is a District wide value, expressed in gallons per capita per day.

As shown in Table 3 above, a water demand of approximately 37,470 AFY is projected based on a WDF of 385 for a full drought recovery condition for 2035. Assuming there was no additional drought recovery, Scenario 2 indicates the District would experience a water demand of 30,025 AFY and a WDF of 309. Similarly, a water demand of 33,748 AFY is derived for a partial drought recovery condition, representing 50 percent of the projected post drought recovery. Implicit in the above projections is the assumption that non-residential demands will increase in proportion to the increase in residential demands.

Note that the evaluation in Scenario 1 was based on the consideration that the influence of the economy and the drought are mutually exclusive. However, it is logical to assume that a few aspects of the drought factors will inherently be incorporated in the economic factor, and vice-versa. As such, it is reasonable to assume that a percentage of the drought recovery factor should be applied, rather than the full 31%. Based on this consideration, Scenario 3 was derived to reflect a 50% level of drought recovery.

3.2 Sensitivity Analysis Using 2012 Data

Since the District has experienced an increase in water sales since 2010 with a minimal change in active accounts, it is appropriate to consider how the water demand projection may be affected with the use of more recent 2012 water billing data. Using a procedure similar to the one used to incorporate the 2010 data would provide an additional estimate of future demands, essentially providing a sensitivity analysis to the base demand projection. The baseline water usage information for 2012 is provided in Table 4. This data provides the basis for the revised water demands and duty factors.

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Table 4: 2012 Water Usage Data

Type	Amount
Residential (HCF)	7,656,100
Irrigation (HCF)	301,827
Commercial (HCF)	999,922
Fire (HCF)	974
Unaccounted (HCF)	358,353
Total Water Usage (AFY)	21,387
Total Water Usage (gallons per day)	19,095,105
Population 2010 (SCAG reconciled with 2010 census data)*	70,138
Population 2035	86,793

*District calculated 2010 demands based on census is 67,628

Similar to the baseline demand projection using the 2010 billing data, the 2012 billing data was also subject to the economic and drought recovery factors. Since the drought/mandatory rationing was suspended approximately two years ago, it is logical to assume that a portion of the drought recovery is embedded in the 2012 usage data. There is an actual increase of 15% in water demand between 2010 and 2012.

For this sensitivity analysis, we have conservatively assumed that two years of a five year rebound has occurred, suggesting that 2/5ths of the drought rebound or 12% is included in the 15% actual increase in water demand from 2010 to 2012. The rest of the 3% (15%-12%) increase in water demand from 2010 to 2012 is considered to be the result of economic improvement. Therefore 60% of the drought rebound or 18% has yet to happen and will be used for the water demand projection in 2035.

In addition to the drought factor, the statistically derived economic factor of 17% was also adjusted to integrate the increased water usage. For this factor, the weighted average of 17% was further reduced by the 3% economic factor already included in the 2012 usage increase from 2010. Therefore the 17% economic recovery factor was reduced to 14% for the 2012 sensitivity analysis. The results of this sensitivity analysis using the 2012 billing data are provided in Table 5.

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Table 5: Total Water Demand Projections Using 2012 Data (Sensitivity Analysis)

Scenario	Economic Factor	Drought Rebound Factor	Water Duty Factor (WDF) ⁽¹⁾	Water Usage (gal/day)	Water Usage (AFY)
Scenario 1: With Drought Rebound	14%	18%	374	32,438,340	36,330
Scenario 2: No Drought Recovery	14%	0%	323	28,014,930	31,380
Scenario 3: Partial Drought Recovery	14%	9%	348	30,222,670	33,860

Note: Some values may be rounded.

(1) Water duty factor is a District wide value, expressed in gallons per capita per day.

As shown, using the 2012 water billing data and revised adjustment factors suggests an increase in the level of projected water demands. Using the 2012 data, future water demands are projected to reach 31,400 to 36,500 AFY. Since the analysis using the 2010 billing data suggested a range of 30,000 to 37,500 AFY, the basis of planning appears to provide a reasonable estimate of projected water demands for the District's 2013 Master Plan.

4. Summary of Projected Population and Water Demands

Inherent in the conduct of long-range planning studies is the need to consider alternative futures. This need is based on the reality that growth can't be precisely predicted and demands for service such as water that are driven by individual behavior is uncertain. It is for this reason that the projections derived herein utilized the best available data to quantify both population and water usage values, but attempted to frame or bracket these findings for the purposes of long-range water planning. To further frame the discussion of long-range population and water demand projections, the results of several of the District's previous planning efforts have been consolidated. The consolidation of previous population projections is shown in Figure 3. The consolidation of projected water demand is shown in Figure 4. Of note, the Kennedy/Jenks water demand projection shown in Figure 4 is based on the 2010 data set, and a partial drought recovery (Scenario 3).

As shown, the findings presented herein are very comparable with all previous planning studies performed for the District since 2005. At this stage in the planning process, final direction is requested on the appropriate level of demand forecasting conservatism that should be incorporated in the 2013 Master Plan. This direction, combined with the District's water conservation program and SBx7-7 compliance plan would constitute the District's total demand management plan and provide the framework for evaluating the District's potable water, recycled water, and sanitation facilities.

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Figure 3: Population Projection Comparison with Earlier Studies

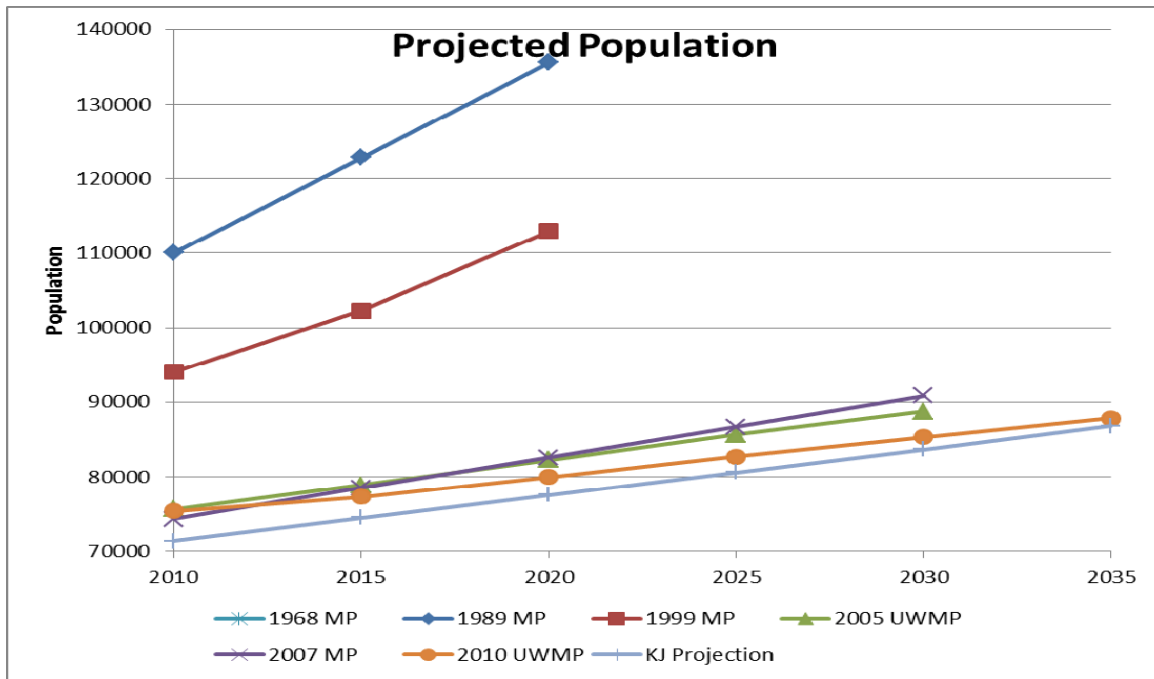
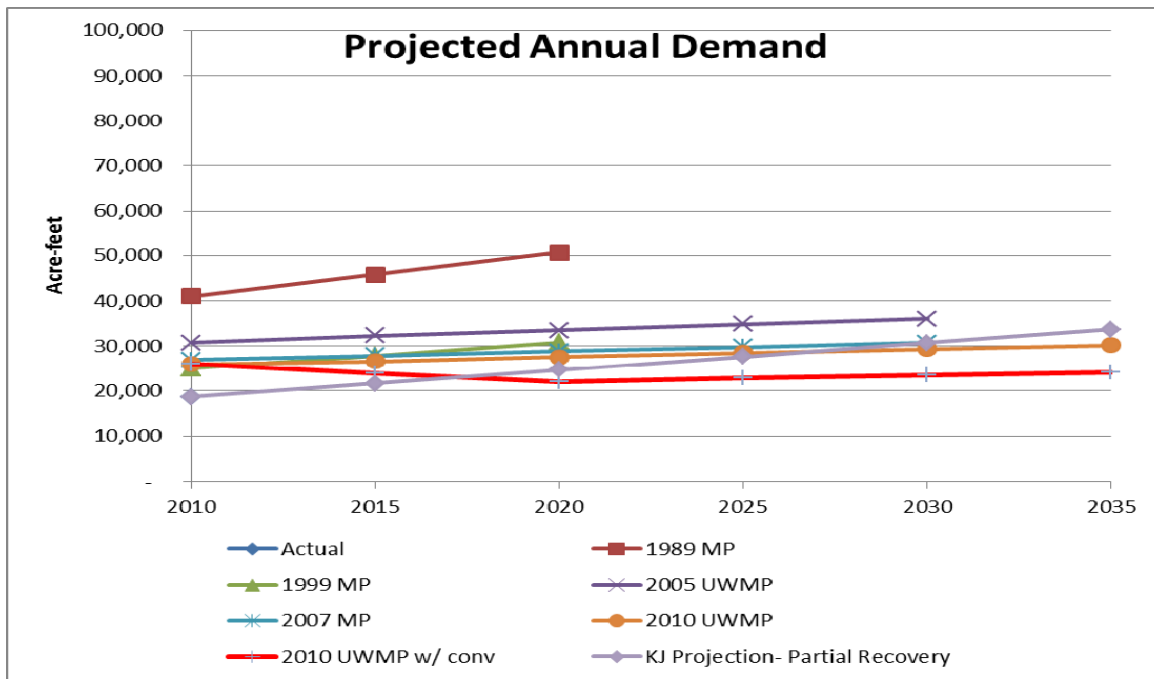


Figure 4: Water Demand Projection Comparison with Earlier Studies



ITEM 4B

Demand Projection - Appendix A

Statistical Analysis of Demands

30 July 2013

Memorandum

To: John Zhao, David Lippman
From: Roger Null, Dakota Corey
Subject: Effects of the Economy and Climate on Water Demands and Wastewater Discharges
K/J 1389005*00

Water use by residential, commercial and other customers can be affected by climate (e.g. evapotranspiration (ET), precipitation) and economic factors. Generally, increased ET is associated with increased water use. Also, time periods characterized by good economic conditions are often associated with higher water use than time periods when economic conditions are poor. Likewise, the amount of wastewater generated in a community may increase with improved economic conditions.

The extent of these effects may vary based on local conditions and can be significant. For example, Kennedy/Jenks Consultants has found in the City of Santa Monica, enhanced economic conditions could result in a ten percent increase in water demands. Increased demands may result in the need for additional system capacities, enhanced water conservation efforts in order to comply with state mandates, and/or additional water supply sources, etc. Hence, it is essential to evaluate the effect of these factors for Las Virgenes Municipal Water District (LVWMD) as a component of the larger master planning effort.

Effects of Economy and Climate on Water Demands

Regression analyses were performed to evaluate the correlation between water use among various customer types and weather (ET, precipitation) and economic (unemployment rate) factors. LVMWD has four different potable water customer account types, including single family residential (SFR), multi-family residential (MFR), commercial and irrigation. However, evaluation of the SFR accounts revealed a drastic range in landscape sizes (parcel area minus building area). LVWMD's service area contains approximately 1,300 SFR accounts with landscape areas less than or equal to 2,500 square feet, over 3,800 SFR accounts with landscape areas larger than 25,000 square feet, and more than 13,000 SFR accounts in between.

Due to this significant variation and the assumption that there is a correlation between lot size and income, the SFR accounts were broken down into five categories based on lot size. MFR, commercial, and irrigation accounts remained unchanged for a total of eight different customer categories. These water use customer categories are shown in Table 1.

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Table 1: Water Use Customer Categories

Water Use Type	Number of Accounts
SFR	-
Up to 2,500 sq.ft. ^(a)	1,290
2,500 to 5,000 sq.ft. ^(a)	3,487
5,000 to 10,000 sq.ft. ^(a)	6,206
10,000 to 25,000 sq.ft. ^(a)	3,422
Larger than 25,000 sq.ft. ^(a)	3,811
All SFR Together	18,216
MFR	553 (7,265 dwelling units)
Commercial	839
Irrigation	257

Note:

(a) Landscape Area = Parcel Area – Built Area

Weather data for these analyses were obtained from the California Irrigation Management Information System (CIMIS) database. Since CIMIS data is limited in the immediate LVMWD service area, data from Station #152 (Camarillo) was used for the weather regression analysis. Unemployment data for cities located within LVMWD's service area was obtained from the State of California Employment Development Department database. The economic regression analysis used the average unemployment rate of the four cities located within LVMWD's service area – Agoura Hills, Calabasas, Hidden Hills, and Westlake Village.

Results of the regression analyses indicated that, for LVMWD, the water use for MFR, commercial, irrigation, and SFR accounts of all lot sizes correlate better with unemployment rate (R^2 of 0.646 to 0.924) than weather related variables. Water use decreased with an increase in the unemployment rate. No significant correlation was observed with weather related parameters.

Table 2 shows the equations developed for the correlation of the eight customer categories, labeled as water use types in the table, with unemployment. Graphical results of the economic and weather related water demand analysis are provided in Appendix A.

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Table 2: Regression Equations Used for Each Water Use Type

Water Use Type	Correlation Equation with Unemployment^(a)
SFR	
Up to 2,500 sq.ft. ^(b)	$y = -119.94x + 32.378$
2,500 to 5,000 sq.ft. ^(b)	$y = -200.77x + 50.007$
5,000 to 10,000 sq.ft. ^(b)	$y = -270.51x + 69.697$
10,000 to 25,000 sq.ft. ^(b)	$y = -353.29x + 104.52$
Larger than 25,000 sq.ft. ^(b)	$y = -587.28x + 151.62$
All SFR Together	$y = -308.6x + 85.12$
MFR	$y = -56.714x + 18.004$
Commercial	$y = -873.22x + 261.24$
Irrigation	$y = -1505.2x + 320.06$

Notes:(a) y = Water use (AF/Connection); x = Unemployment rate (%)

(b) Landscape Area = Parcel Area – Built Area

The equations in Table 3 were used to determine the coefficients of determination (R^2) for each water use type. Higher values of R^2 (1 being the maximum), indicate that the regression line fits the data set well. For this data set, it is assumed that R^2 values higher than 0.6 indicate a significant relationship between the data set and the correlation equation. The R^2 values for this data set are listed in Table 3.

Table 3 also displays additional information such as the 2012 water use and the percentage of use for each customer type. The “Adjustment Factor for Good Economic Conditions” column shows approximately how much the water use would increase if the unemployment rate were to decrease to the 10th percentile unemployment rate of 3.24 percent from the 7 percent in 2012. Depending on the type of water user, demands are expected to increase 15 to 24 percent. This is important because year 2012 was a recessionary period with a high unemployment rate in the LVMWD service area (approximately 7 percent), which resulted in lower water use. The correlation analyses findings suggest that an economic recovery and ensuing higher water demands should be considered in the projection of future water demands.

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Table 3: R² Values for Each Water Use Type

Water Use Type	2012 Water Use (HCF)	R² Value for Unemployment	Adjustment Factor for Good Economic Conditions^(a)
Residential	-	-	-
Up to 2,500 sq.ft. ^(b)	181,229 (2.05%)	0.924	17.3%
2,500 to 5,000 sq.ft. ^(b)	740,440 (8.37%)	0.904	19.3%
5,000 to 10,000 sq.ft. ^(b)	1,913,529 (21.64%)	0.843	18.4%
10,000 to 25,000 sq.ft. ^(b)	1,671,973 (18.91%)	0.695	15.3%
Larger than 25,000 sq.ft. ^(b)	2,535,102 (28.67%)	0.646	18.4%
All SFR Together	7,042,273 (79.64%)	0.714	16.8%
MFR	605,307 (6.85%)	0.679	14.0%
Commercial	892,365 (10.09%)	0.711	15.1%
Irrigation	301,458 (3.41)	0.867	24.3%
Totals	8,841,403	--	--

Notes:

(a) Adjustment Factor for Good Economic Conditions = Percent Change in water use relative to 2012 use if the unemployment rate were to decrease to the 10th percentile unemployment rate of 3.24% from the 7% in 2012

(b) Landscape Area = Parcel Area – Built Area

Effects of Economy on Wastewater Demand

Wastewater originates as a result of indoor water use – toilets, laundry machines, sinks and other indoor fixtures all contribute to the wastewater stream. While climate may affect water use, it is not expected to materially affect the generation of wastewater since wastewater does not include outdoor water use. Thus, only the effects of economic conditions were analyzed in relation to wastewater discharges in the District's service area.

Evaluation of winter water use data (the March billing cycle, which includes both February and March water use) were performed based on the built area, or the building footprint (measured in square feet), of the SFR units (Table 4). Winter water use data was used to approximate wastewater generation under the assumption that landscape irrigation and other outdoor water use should not be necessary in the wetter winter months. Under this assumption, most of the water used during the winter months should thus end up in the wastewater system. The SFR units were grouped in to six different built area categories.

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Table 4: Winter Water Use Customer Categories

Water Use Type^(a)	Number of Accounts
SFR	-
Up to 2,000 sq.ft ^(b)	6,206
2,000 to 3,000 sq.ft ^(b)	5,683
3,000 to 4,000 sq.ft ^(b)	3,298
4,000 to 5,000 sq.ft ^(b)	1,514
5,000 to 7,500 sq.ft ^(b)	1,269
> 7,500 sq.ft ^(b)	245
All SFRs Together	18,216
MFR	553 (7265 Dwelling units)
Commercial	839

Note: (a) Irrigation customers are not included in estimates of winter water use.

(b) Built area.

The data indicated two distinct trends. At unemployment rates up to approximately 6.5 percent the water use did not vary significantly. However, at unemployment rates from 7 percent to 8.4 percent the water use gradually decreased with an increase in unemployment rate. As a result, when winter water use was correlated with unemployment rates throughout the project period (range of unemployment rates of 3.3 to 8.4 percent), the R^2 was poor ($R^2 = 0.28$ to 0.45);. However, when water use was correlated to unemployment rates higher than 6.5 percent, the correlation improved to 0.92 or higher; Table 5). Graphical results of the economic wastewater analysis are provided in Appendix B.

Table 5: Comparison of R^2 Values Under Different Unemployment Rates

Water Use Type^(a)	R^2 When All Unemployment Rates (3.3 – 8.4%) are Considered	R^2 at Unemployment Rate Higher than 6.5%
SFR		
Up to 2,000 sq.ft ^(b)	0.387	0.936
2,000 to 3,000 sq.ft ^(b)	0.450	0.983
3,000 to 4,000 sq.ft ^(b)	0.340	0.927
4,000 to 5,000 sq.ft ^(b)	0.311	0.974
5,000 to 7,500 sq.ft ^(b)	0.267	0.979
> 7,500 sq.ft ^(b)	0.298	0.969
All SFRs Together	0.287	0.980
MFR	0.687	0.952
Commercial	0.585	0.816

Note: (a) Irrigation customers are not included in estimates of winter water use.

(b) Built area.

Table 6 shows the equations developed for the different water use types.

ITEM 4B

Memorandum

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Table 6: Regression Equations Used for Each Water Use Type

Water Use Type^(a)	Average Bi-monthly Water Use Correlation at Unemployment Rates above 6.5% (HCF/Account)^(b)
SFR	
Up to 2,000 sq.ft. ^(c)	$y = -639.03x + 76.05$
2,000 to 3,000 sq.ft. ^(c)	$y = -799.94x + 92.46$
3,000 to 4,000 sq.ft. ^(c)	$y = -1253.2x + 140.66$
4,000 to 5,000 sq.ft. ^(c)	$y = -2038.7x + 220.49$
5,000 to 7,500 sq.ft. ^(c)	$y = -3309.1x + 337.0$
> 7,500 sq.ft. ^(c)	$y = -6971.4x + 687.29$
All SFRs Together	$y = -1194.8x + 131.96$
MFR	$y = -70.327x + 17.465$
Commercial	$y = -894.52x + 229.77$

Notes:

(a) Irrigation customers are not included in estimates of winter water use.

(b) Y – Bi-monthly water use (HCF/Account); X – Unemployment Rate (%)

(c) Built area.

Table 7 shows the estimated percent change in winter water use at various unemployment rates relative to 2012 water use. Accordingly, at the 10th percentile low unemployment rate of 3.54 percent (i.e. good economic conditions), winter water use is estimated to be 14-16 percent higher for SFR units, and 10.5 percent higher in MFR units. No difference is seen between the 50th percentile unemployment rate of 4.4 percent and the 10th percentile unemployment rate of 3.54 percent since, in both cases, the unemployment rate is less than 6.5 percent. However, at higher levels of unemployment such as the 90th percentile (7.84 percent) winter water use is expected to be lower. Thus, as the economy improves and eventually meets the threshold of approximately 6.5 percent or less, wastewater generation within LVWMD's service area is expected to increase.

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Table 7: Percent Change in Water Use Relative to 2012 Winter Water Use (Unemployment Rate of 7%)

Water Use Type^(a)	90th Percentile High Unemployment (7.84%)	50th Percentile Unemployment (4.4%)	10th Percentile Low Unemployment (3.54%)
SFR			
Up to 2,000 sq.ft ^(b)	95.9%	114.6%	114.6%
2,000 to 3,000 sq.ft ^(b)	95.7%	115.2%	115.2%
3,000 to 4,000 sq.ft ^(b)	95.6%	115.9%	115.9%
4,000 to 5,000 sq.ft ^(b)	95.8%	114.7%	114.7%
5,000 to 7,500 sq.ft ^(b)	95.9%	114.0%	114.0%
> 7,500 sq.ft ^(b)	92.8%	114.3%	114.3%
All SFRs Together	96.3%	113.1%	113.1%
MFR	95.3%	110.5%	110.5%
Commercial	95.5%	110.2%	110.2%

Note: (a) Irrigation customers are not included in estimates of winter water use.

(b) Built area.

Summary and Recommendation

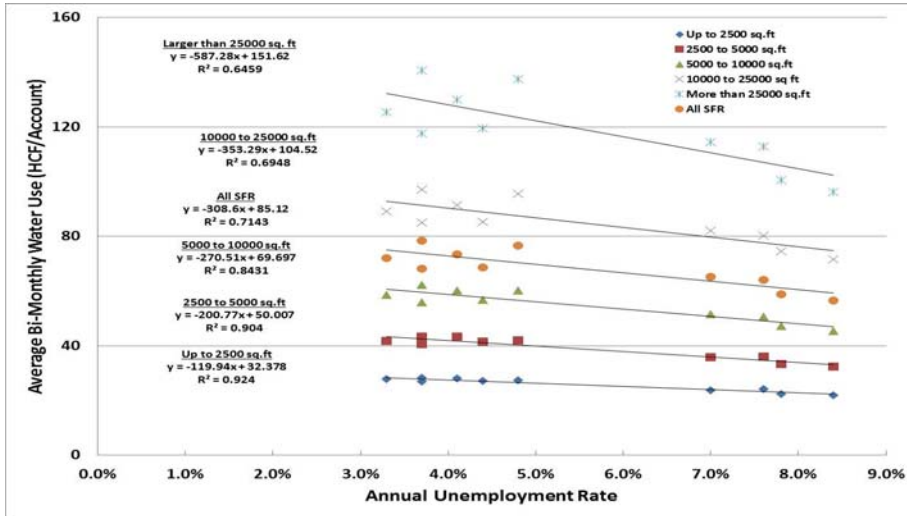
Results of the demand analyses indicate that both water and wastewater demand are correlated with economic conditions within LVWMD's service area. When the economy is "good" with a low unemployment rate, both water usage and wastewater generation increase. Water usage is predicted to increase as much as 14 to 24 percent, depending upon the customer type, under good economic conditions. Similarly, wastewater demand is expected to increase 10 to 16 percent depending on the type of water user under good economic conditions. The correlation between water and wastewater demand and economic conditions is strong, with R² values ranging from 0.6 to 0.9.

Due to the level of statistical significance between unemployment rates and water usage, it would appear appropriate to factor in a return to a good economy in LVMWD's water demand and wastewater flow projections. However, given the implications of this decision on future capital improvement requirements, resolution and final direction regarding the use of these factors is a District policy decision. As such, the final projection values will be derived following direction by LVWMD.

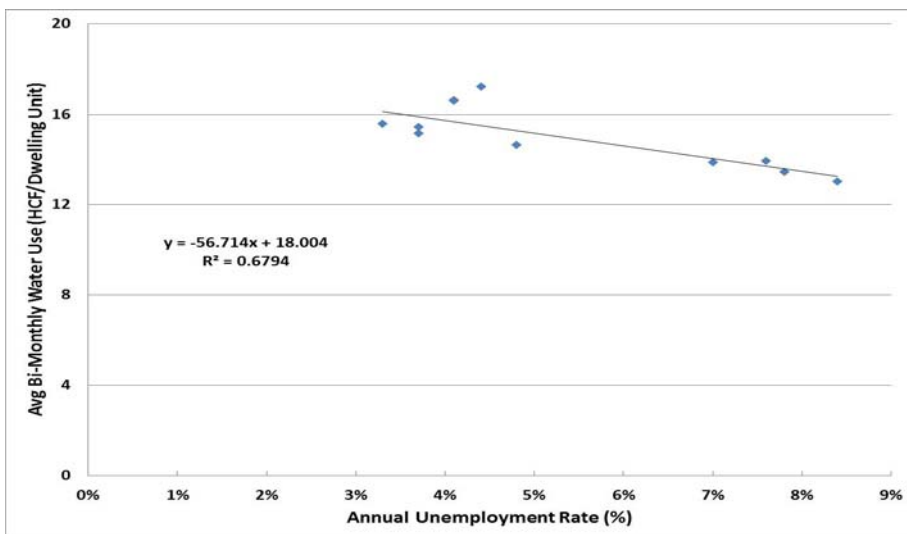
Appendix A

Water Use Figures

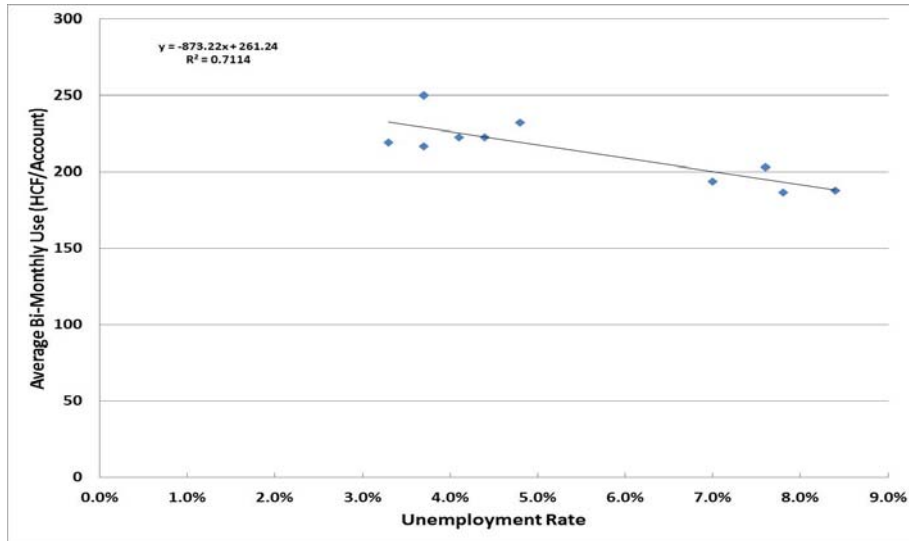
Effect of Economy (Unemployment Rate) on SFR Water Use



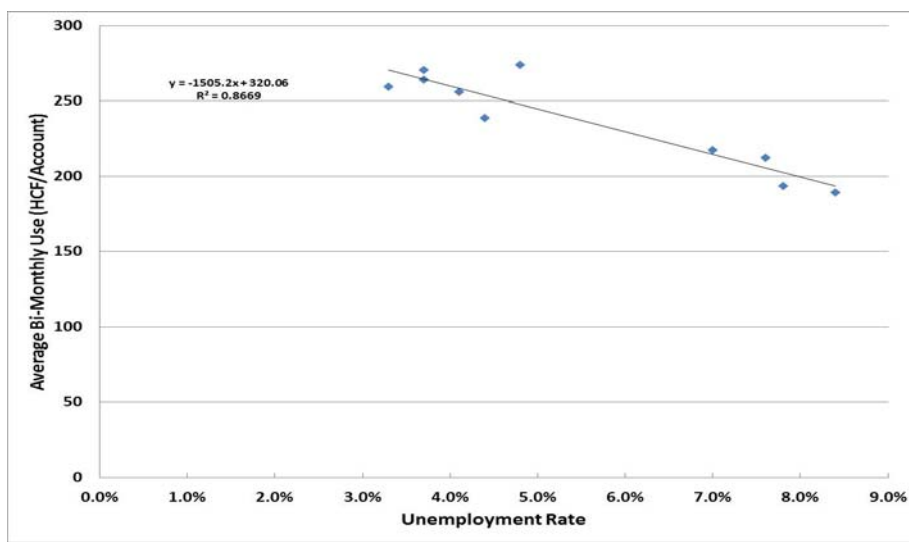
Effect of Economy (Unemployment Rate) on MFR Water Use



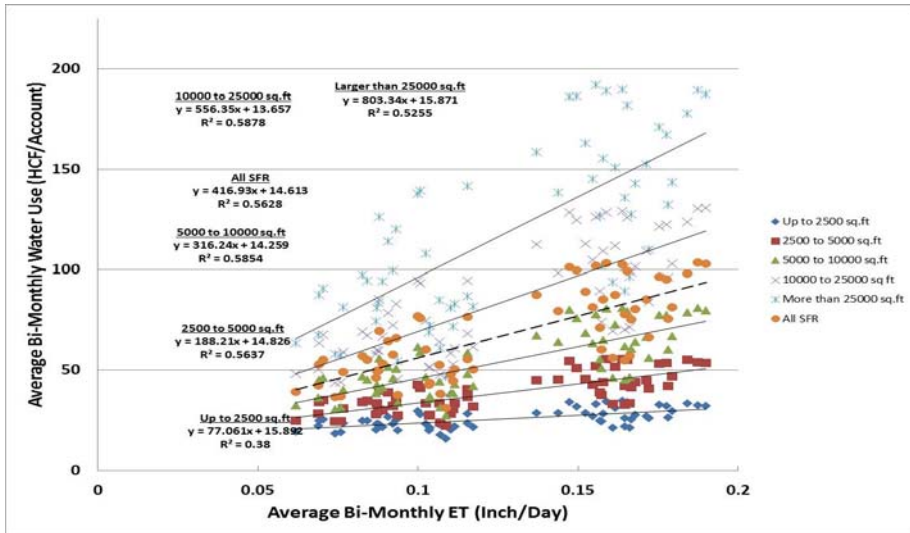
Effect of Economy (Unemployment Rate) on Commercial Water Use



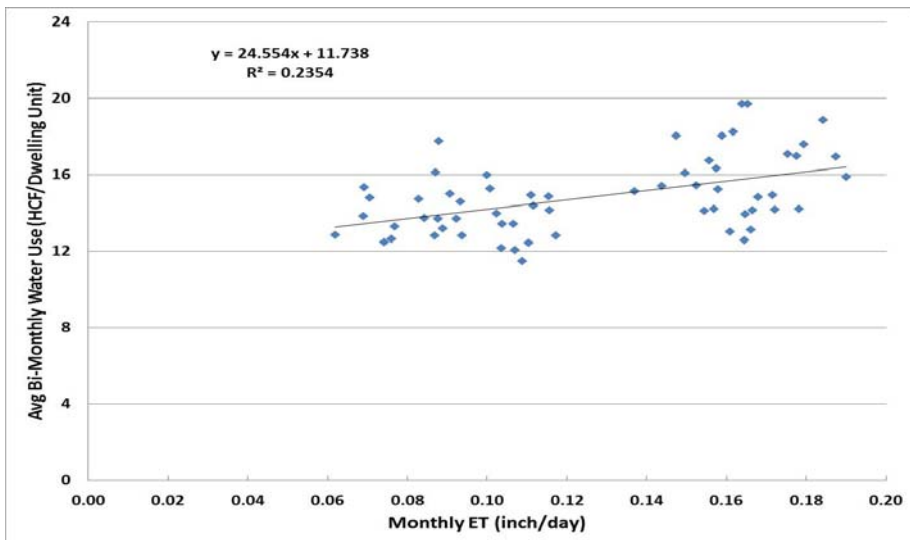
Effect of Economy (Unemployment Rate) on Irrigation Water Use



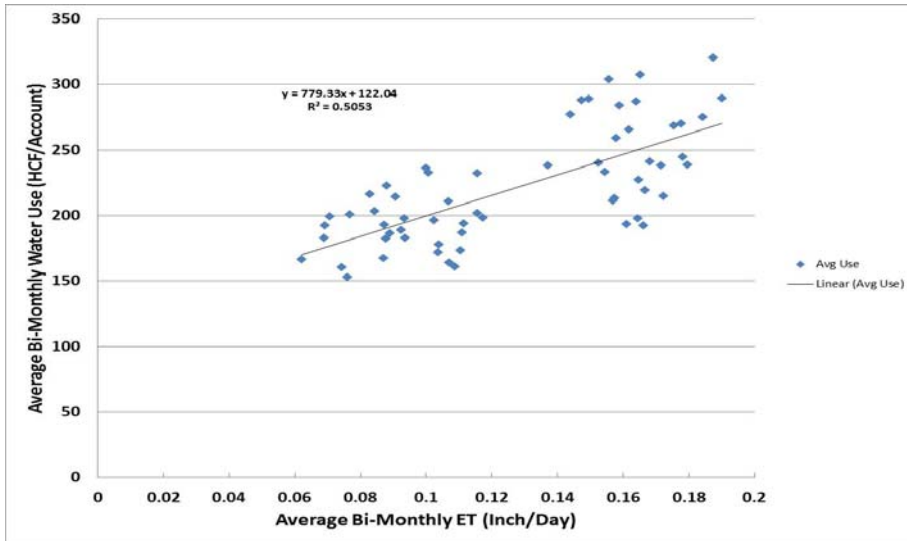
Effect of Weather (ET) on SFR Water Use



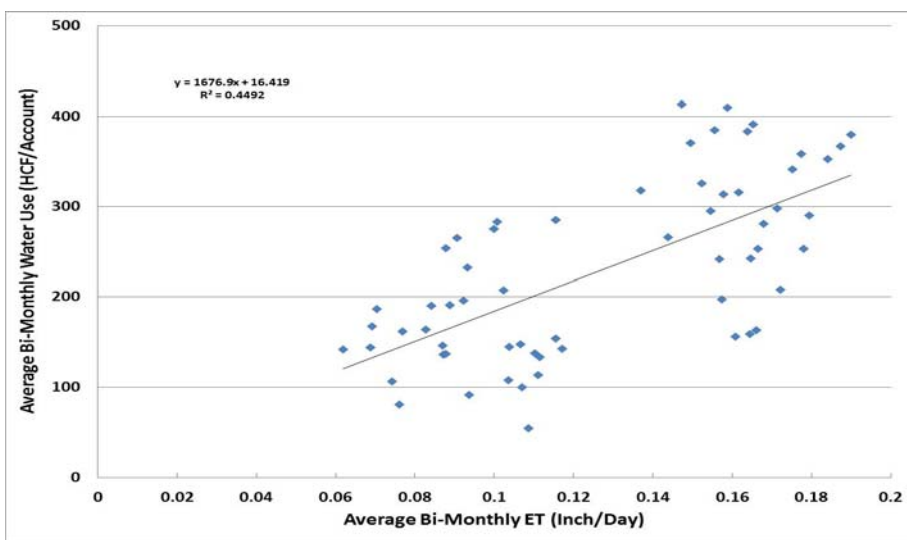
Effect of Weather (ET) on MFR Water Use



Effect of Weather (ET) on Commercial Water Use



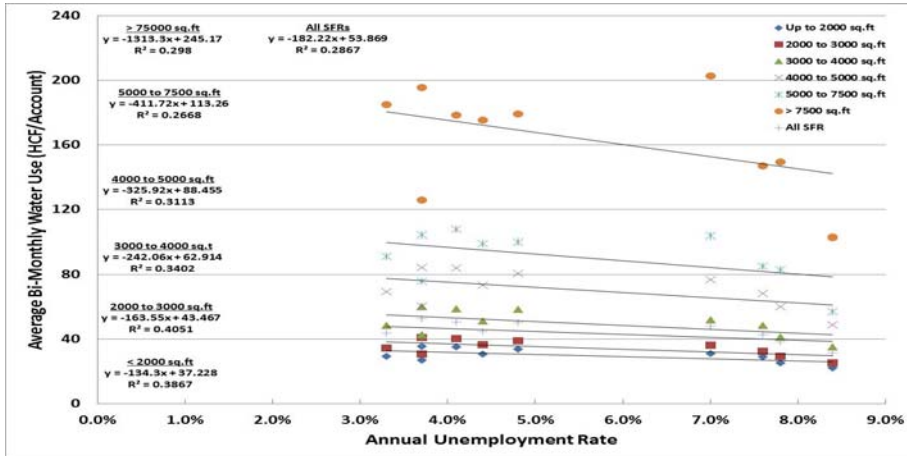
Effect of Weather (ET) on Irrigation Water Use



Appendix B

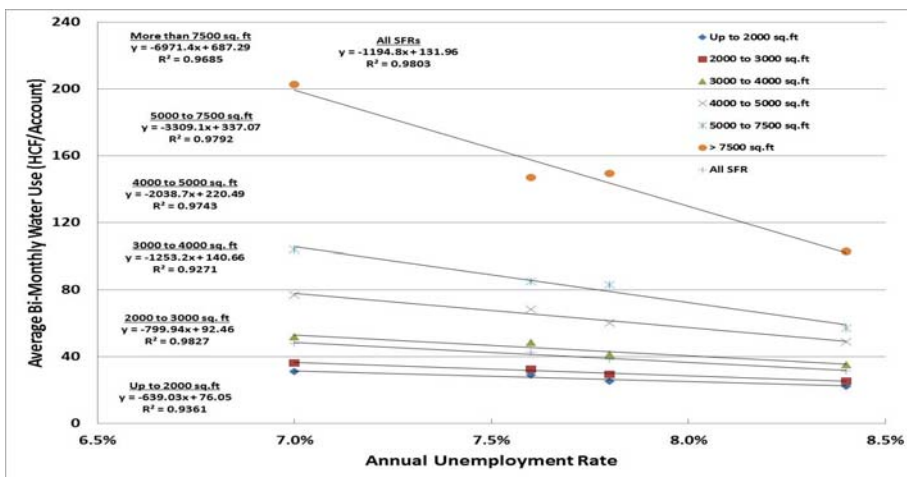
Winter Water Use (Wastewater) Figures

Effect of Economy on SFR Winter Water Use (Using Unemployment Rates Throughout the Project Period)



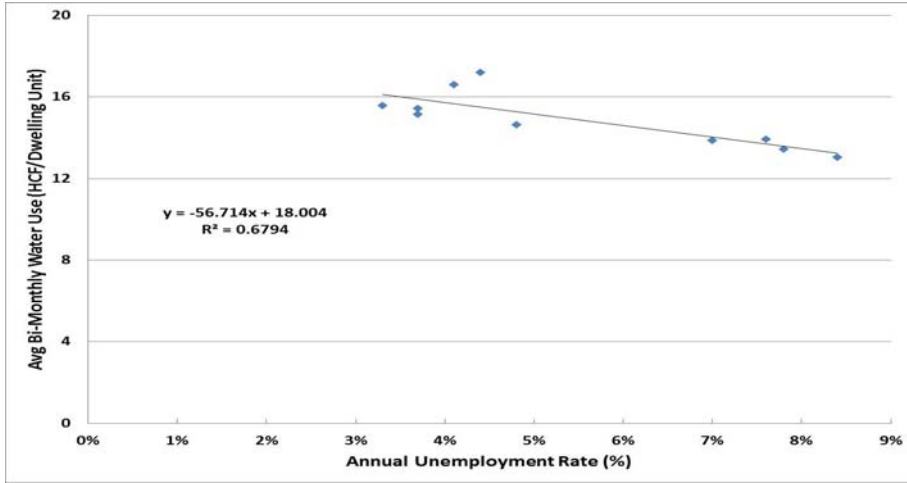
Poor correlation ($R^2 < 0.5$) obtained when unemployment rates throughout the project period were considered

Effect of Economy on SFR Winter Water Use (Using Unemployment Rates Higher than 6.5% Only)

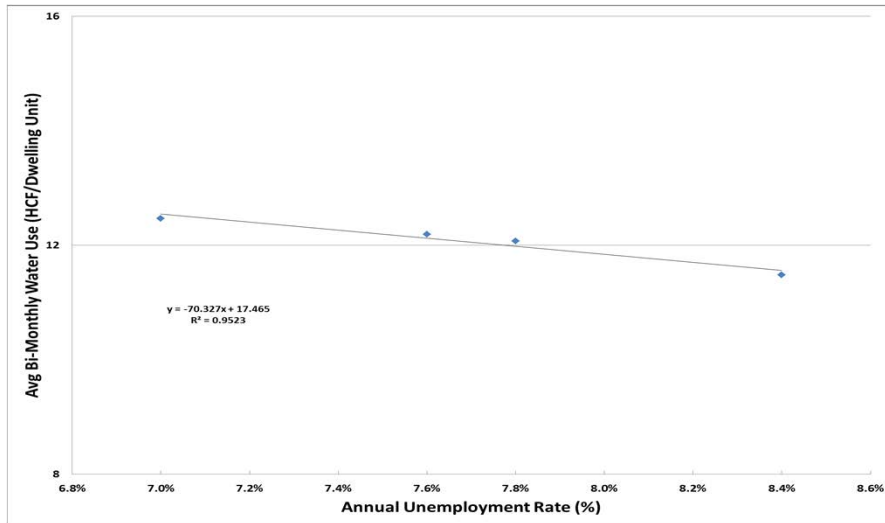


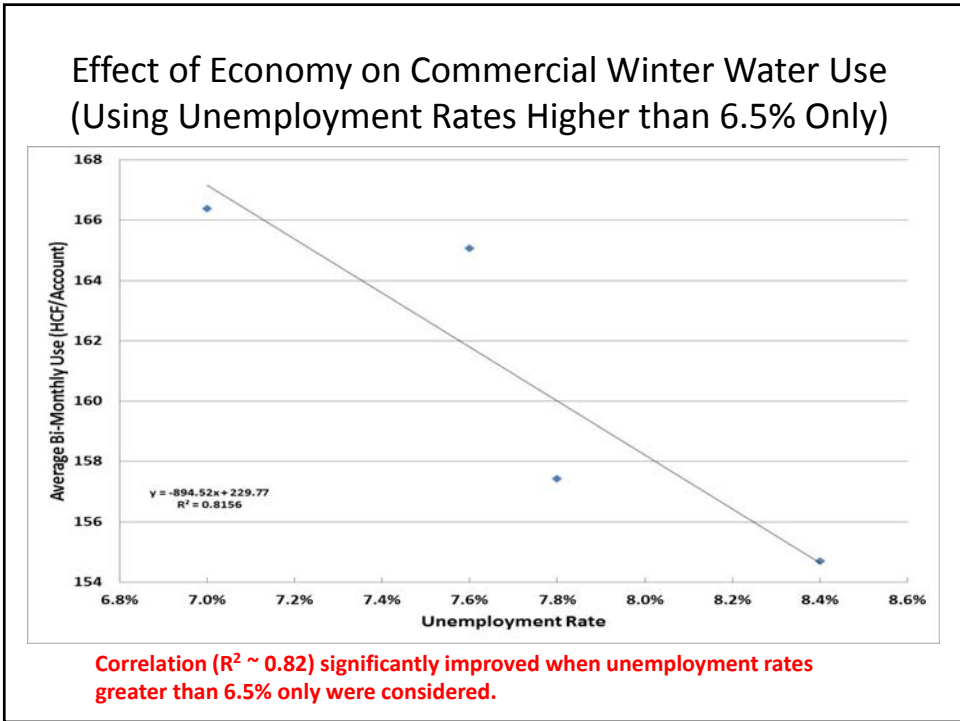
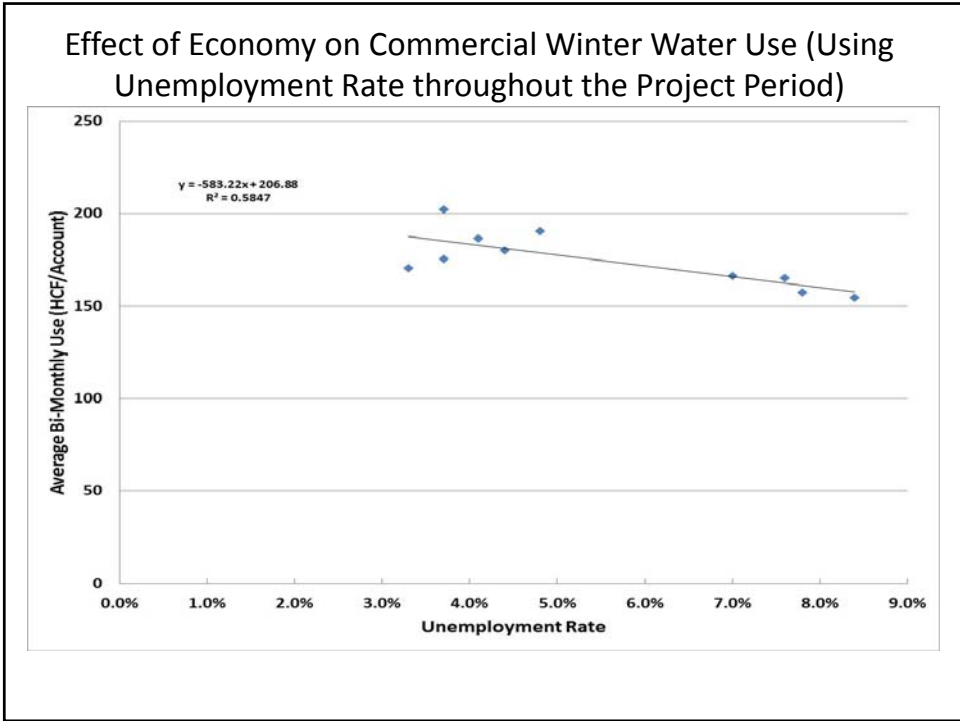
Good correlation ($R^2 < 0.9$) obtained when unemployment rates greater than 6.5% were considered.

Effect of Economy on MFR Winter Water Use (Using Unemployment Rates Throughout the Project Period)



Effect of Economy on MFR Winter Water Use (Using Unemployment Rates Higher than 6.5% Only)





Demand Projection - Appendix B

Drought Analysis

April 11, 2012

TO: CARLOS REYES

FROM: RANDAL ORTON¹

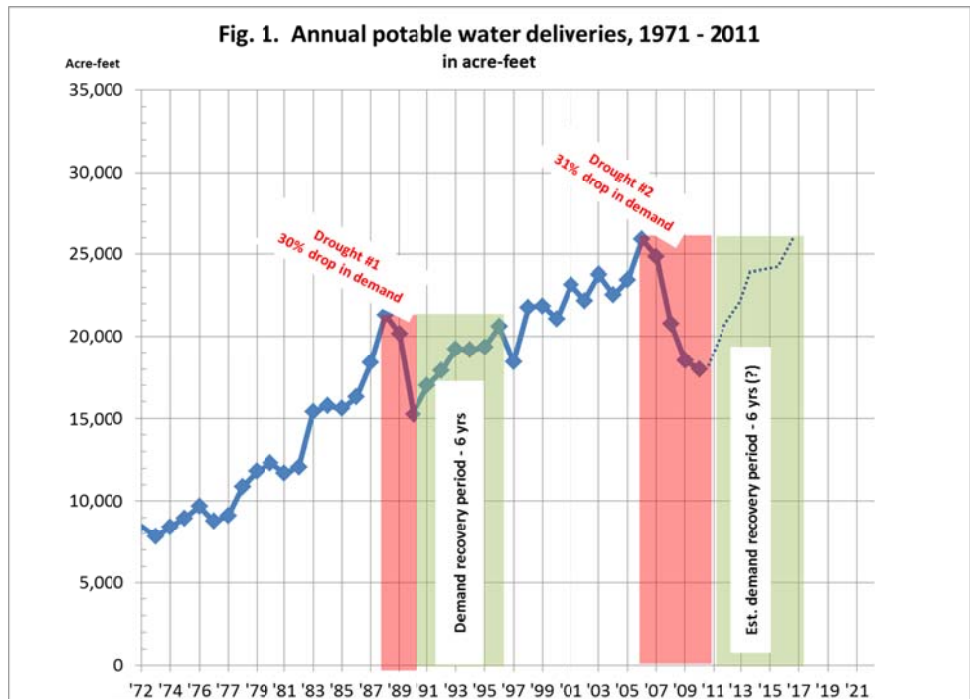
SUBJECT: POST-DROUGHT WATER DEMAND

Per your request, we compiled and examined District data² on potable water demand over the period 1972 through February 2012, focusing on changes in residential demand³ during and immediately following both the 1991-2 and 2009-11 state-wide drought water shortage emergencies. Our objective was to estimate how quickly water demand following the recent drought might rise based on our experience following the 1991-2 drought, and to determine what factors most-strongly influence the recovery rate.

Based on our experience with the previous drought recovery (1992 – 1997), we estimate *annual* potable water demand may recover to its pre-drought level in 5-6 years (2016-17) if local weather is drier than normal, but may be delayed until 2017-18 if wetter conditions prevail. Peak summertime monthly demand will likely recover sooner (2014-15), regardless of weather, and peak summertime daily demands are expected to recover sooner still (2012-13).

DISCUSSION

Over the last 20 years, the District has declared a water shortage emergency twice in response to persistent, statewide droughts, once in the 1991-2 drought and again in the 2009-11 drought. Water use during both of these droughts fell about 30 percent from their pre-drought levels in response to conservation measures and financial penalties for over-usage (Fig. 1). Water demand



¹ D. Holliday (IS), M. Hamilton (F&A), G. Weston (CS), S. Harris (RC) and J. Dougall (RC) assisted in data compilation and analysis.

² Lvddata/district information/annuals/xls.

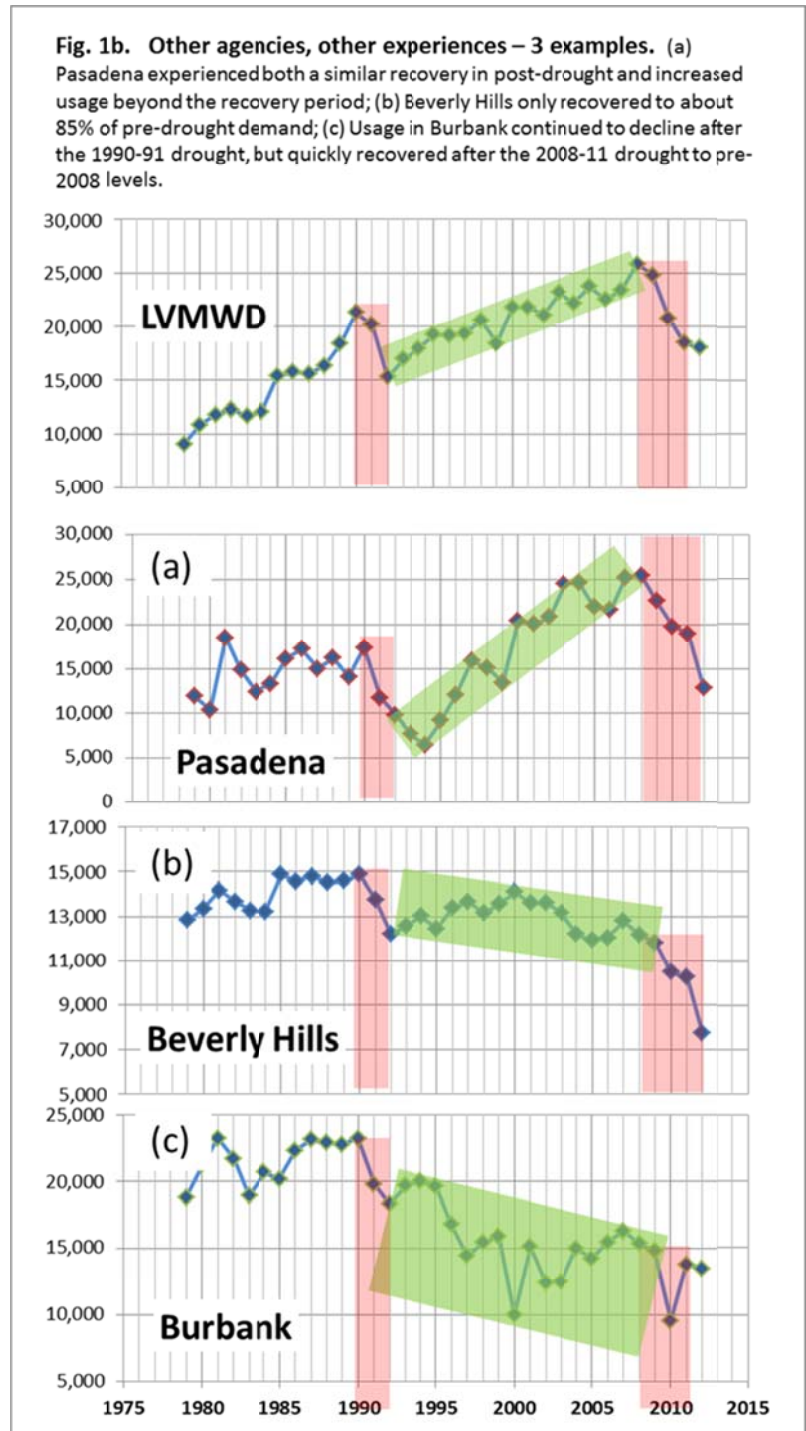
³ We considered residential demand only, as it accounts for about 95% of total annual demand in the LVMWD service area.

returned to its pre-drought level in about 6 years following the 1991-92 drought emergency, suggesting a similar period might elapse before current water demands return to their 2009 pre-drought levels. Further, the post-drought rise in demand was steeper in the first three years after the drought, recovering over 85 percent of pre-drought demand in just two years, and 95 percent of pre-drought demand in three years (Fig. 1).

However, different water districts experience drought and post-drought demands differently (Fig. 1b), and the validity of using the earlier drought recovery history to predict future, post-drought water demand depends on our ability to account for the major factors that influence per capita water use in the LVMWD service area, and to show that these factors are comparable for both the historical and current post-drought periods. These factors include:

1. Growth in overall demand due to new connections;
2. Changes in the average residential lot size;
3. Differences in weather
4. Differences in water conserving fixture installation rates (demand hardening)
5. Economic factors, such as differences in the consumer price index (CPI) adjusted for inflation.

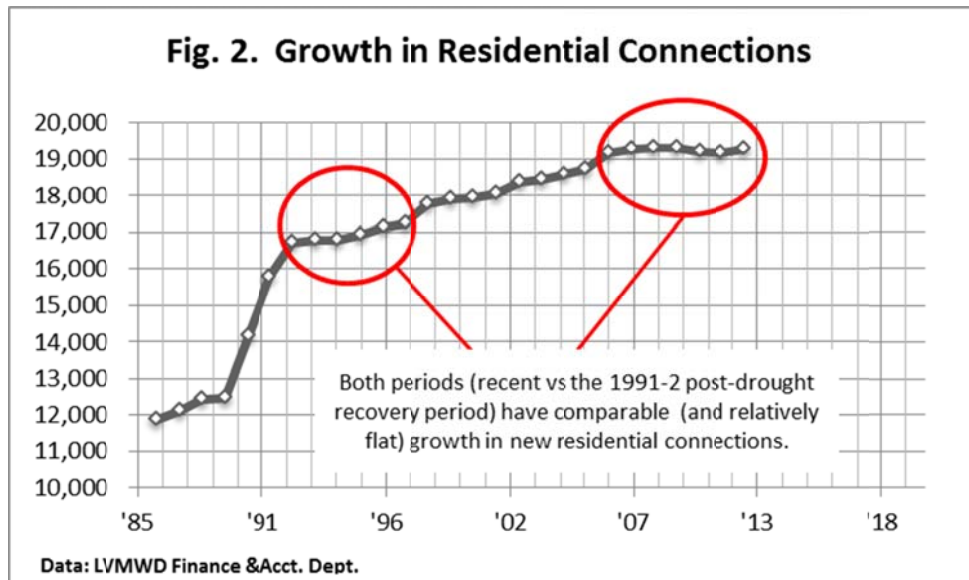
Where these factors differ between the two periods being compared, it may still be possible to adjust or normalize the differences and maintain the validity of the comparison. However, this step proved unnecessary for factors 1-3, as none of these factors were appreciably different in recent years in comparison with the 6 yrs



following the 1991-2 drought, as discussed below. The remainder of the memo provides additional detail for each factor we analyzed.

New Connections

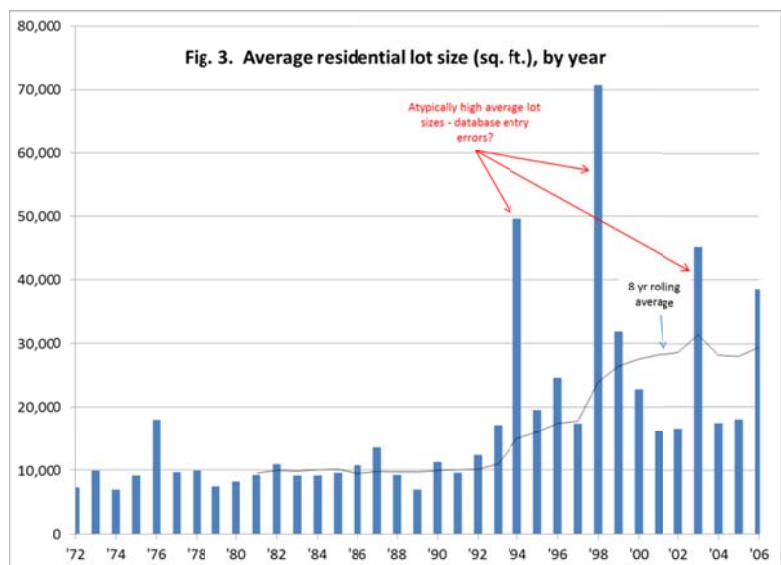
An immediate question is whether the relatively rapid rise in demand following the 1991-2 drought in Fig. 1 was an artifact of growth in new connections (rather than growth in per capita demand to pre-drought levels). Fig. 2 shows this not to be the case; both the post-1991-2 period through 1997 and recent years (2006-12)



had comparable, relatively flat growth in new residential connections, with the exception of 1998, the last year of the post-1991-2 drought recovery period, when 526 new residential connections were added to the potable water system. However, by that year demand had already returned to its 1989 pre-drought peak (Fig. 1). In short, the number of residential connections was relatively stable for both the earlier drought recovery (1992-8) and current conditions (2006-12), with changes in demand related more to changes in per capita water use and weather.

Median residential lot size

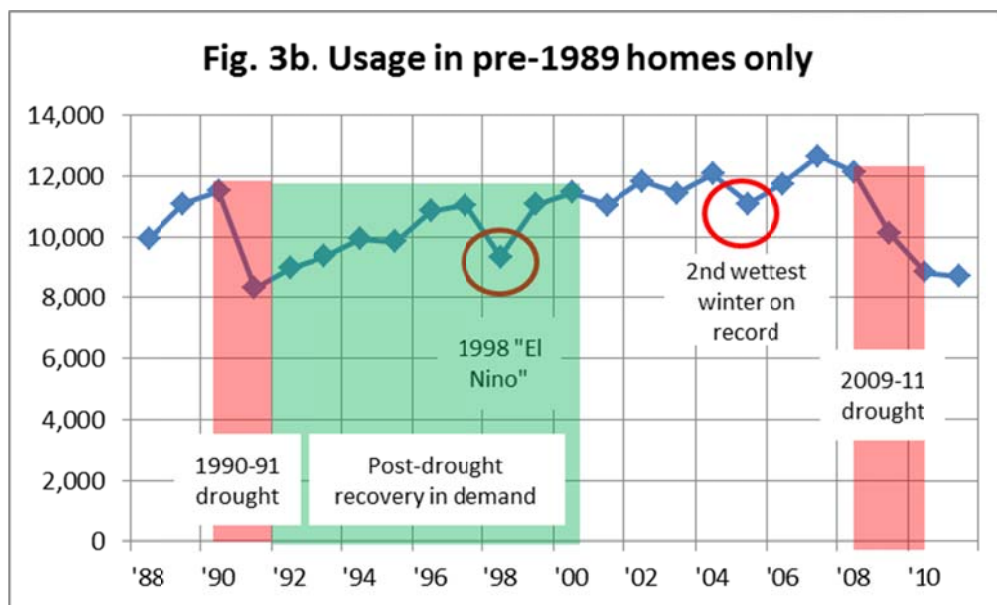
We used two methods to account for differences in residential lot sizes in our comparison of current water use with usage following the 1990-1 drought. The first method was to compile data on median⁴ lot size for the residential customer base for both periods (i.e. 1992-98 vs 2011-12). These values differed by less than ten percent, with median lot size today somewhat smaller than in 1992-98. Further, a large fraction of the ten percent difference may be an artifact of how multifamily residential lot sizes



⁴ As a measure of central tendency, the median is less sensitive than the average to extreme values and outliers.

are recorded in the Customer Information System (CIS). Several years had atypically high average residential lot sizes ranging from 100–200 percent higher than the long term, 1972-2012 average (Fig. 3). Inspection of the data from those years found several instances where the square footage of the entire multifamily complex was entered for each of its constituent apartments or condominiums, artificially raising the median lot size. In those cases we found, we estimated the correct lot size by simply dividing the reported lot size (which was identical for every apartment or condo) by the number of units in the complex. However, this correction was limited to our working spreadsheet – we made no changes to the data in CIS – so you may wish to discuss this issue with Customer Service and Information Systems staff⁵.

The second method to control for differences in average lot size between the two post-drought periods was to limit our analysis of water use after the recent drought to only those customers who were also connected to the potable water system during the



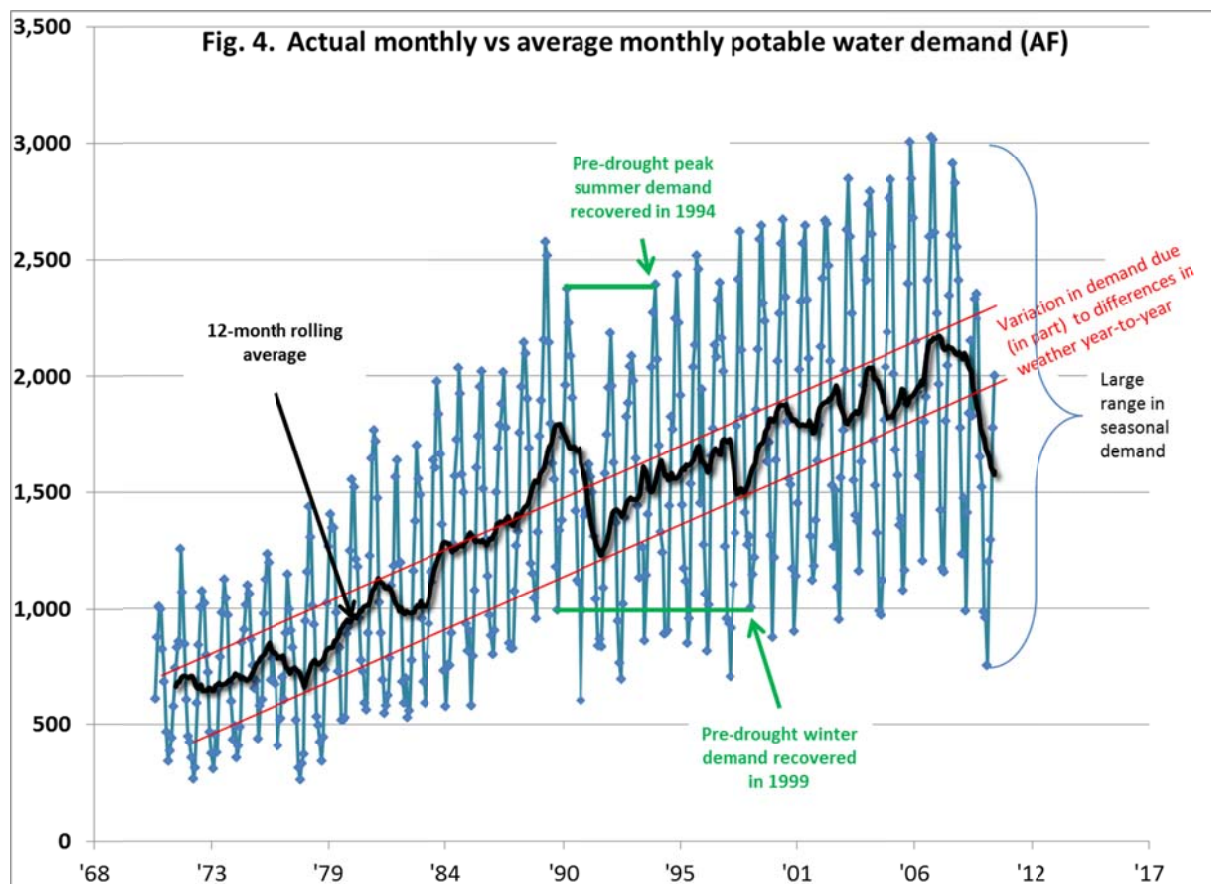
1991-2 drought cycle (Fig. 3b). Changes in demand in these homes are much less likely to be due to changes in lot sizes, on the assumption that their landscaped footprint changed very little over this period⁶. Post-drought recovery in demand took about nine years for these homes, versus six years for the general residential population, although 95 percent of pre-drought demand was recovered in 5 years, and 85 percent of demand was recovered in three years (Fig. 3b). Interestingly, after reaching pre-drought levels, demand in these homes then continued to rise a little, peaking in 2007 (an exceptionally dry year) at 12,645 AF.

⁵ There may be an easier way to identify incorrect lot size data entries for multifamily parcels than visual verification off the District GIS. The total number of accounts potentially affected can be estimated by sorting on lot size and noting all runs of identical lot sizes and install dates and adjacent addresses. This will be an overestimate of the actual number of data entry errors for lot size, because it is not impossible in tract homes for adjacent lots to have identical sizes and water meter install dates.

⁶ While not performed for this analysis, this assumption could be tested in a subset of homes if IR aerial imagery is available for 1991 and can be compared with recent IR imagery on the District GIS for a subset of homes (5-10 percent of the total would probably be enough).

Weather

Water demand over any given year is strongly linked to weather in the LVMWD service area due to the prevalence of irrigated landscape coupled with large seasonal swings in rain and temperature and (Fig. 4). What this means for post-drought demand recovery is that peak summertime demands are expected to return to their pre-drought levels faster than off peak winter demand. This was the case following the 1991-2 drought, when post-drought peak demand returned to its pre-drought, July 1990 level in two years, versus 7 years for winter demand to return to its pre-drought level. Year to year variation in weather also affects annual demand, but on a monthly basis year to year differences (e.g. June 2011 versus June 2012) due to weather are on the order of 150-350 AF (bracketed by the red lines in Fig. 4), yielding annual differences in demand due to weather on the order of 1,800 – 3,600 AF, which falls to about 1,700 AF on a billing cycle basis⁷. Drop in demand due to wet weather occurs in about one year in four (27%), but is less important over the multi-year timescale of the expected post-drought rise in demand, as consecutive wet years are uncommon. Conversely, unusually dry years (e.g. 2007) can increase demand with about the same frequency. In short, *normal* variation in weather may be expected to delay or advance the rise in post-drought demand by a year or two at most.



⁷ see Fig. 5 and associated discussion on p. 6

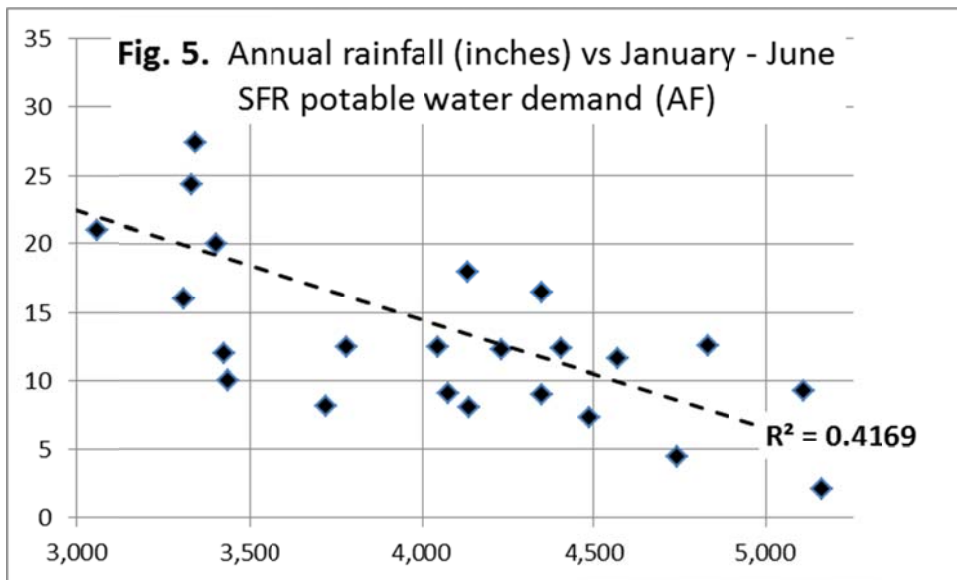
In predicating our estimates on the basis of normal variation in weather, one question is whether the weather in the period following the 1991-2 drought was normal in relation to the long term record, or if the rise in demand was associated with unusually *drier* weather? Inspection of rainfall records following the 1991-2 drought also show that the post-drought rise in demand was not associated with drier weather. On the contrary, this period was somewhat wetter than the 40-year long term average, and comparable to 2011, the first year following the end of the 2009-11 drought (Table 1).

A series of wet years⁸ would obviously depress the rise in demand already occurring following the end of the 2009-11 drought, but the frequency of consecutive wet years based on the long term record is low, about once every twenty years. *Nonetheless, even a single winter, if sufficiently wet, can reduce demand in winter months as much as an*

Table 1. 1991-2 post drought period was significantly wetter than the long term mean.

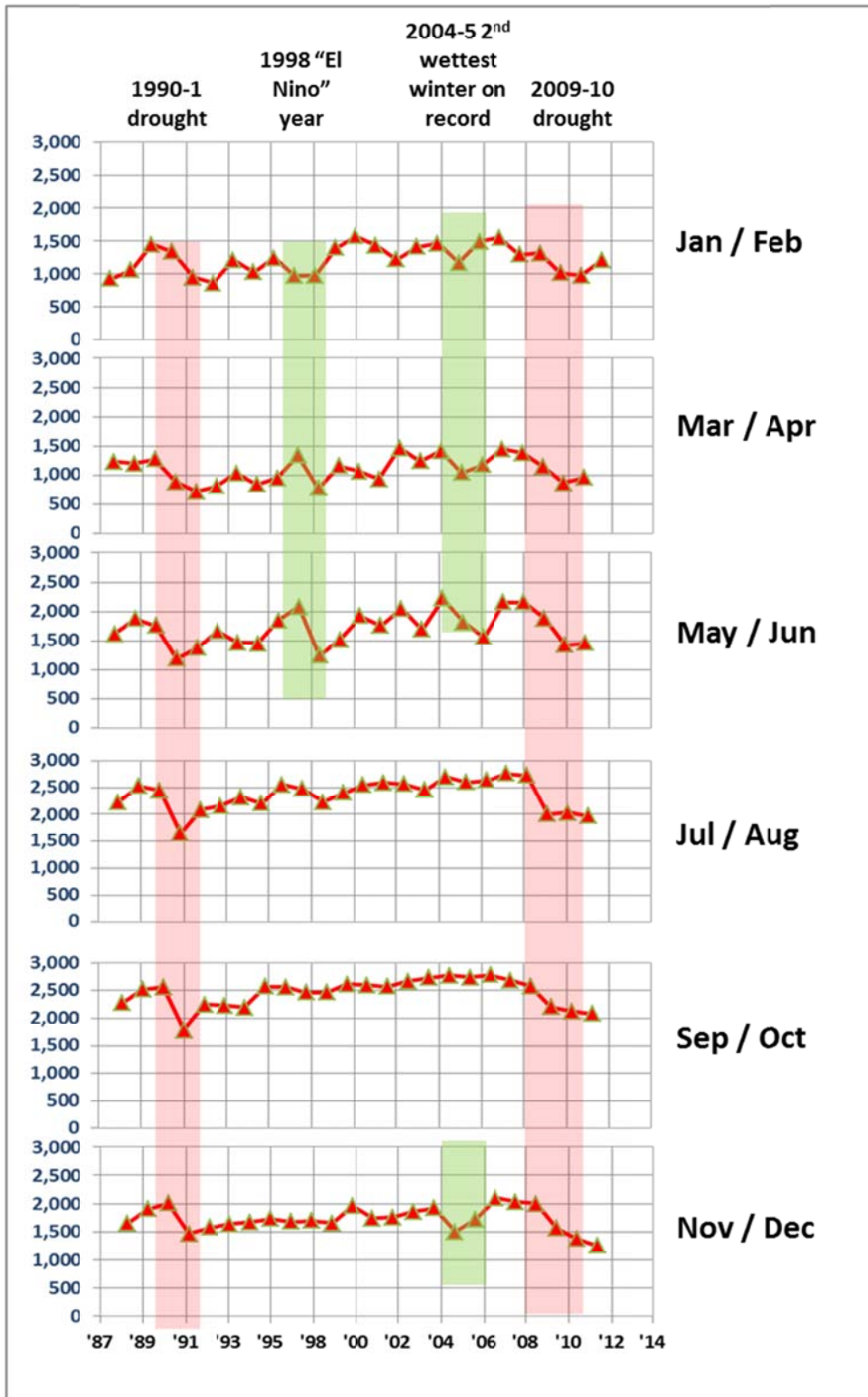
Period	Annual rainfall
1991-2 drought	16.5"
1993-98 post drought recovery	19.3"
2009-11 drought	15.0"
2011 (post-drought)	20.0"
Long term average (1971-2011)	15.2"

emergency drought response. This occurred during the 1998 “El Nino” event and again in the winter of 2004-05, the 2nd wettest winter on record (Fig. 6). Figure 6 also shows that summertime demand over billing cycle timesteps are remarkably independent of year to year differences in weather, but decreased in response to emergency drought demand reduction efforts. Overall, changes in demand due to year to year differences in weather have not affected the overall trend in demand since the end of the 1990-1 drought, merely the variance in demand around the trendline (Fig. 4). Some idea of the magnitude of rainfall’s effect on demand can be determined from Fig. 5, where Jan-June demand falls about 1,700 AF over the range of observed rainfall (2.1 – 27.4”). Note the spread in the data, however reflected in the relatively modest correlation coefficient ($R^2 = 0.42$).



⁸ Where a wet year is defined as year where the amount of rain received is greater than one standard deviation from the long term mean

Fig. 6. Potable water deliveries to Single Family Residences (SFR) by billing period. Reduction in SFR demand due to unusually wet weather is comparable to drought response.



Differences in water conserving fixture installation rates (demand hardening)

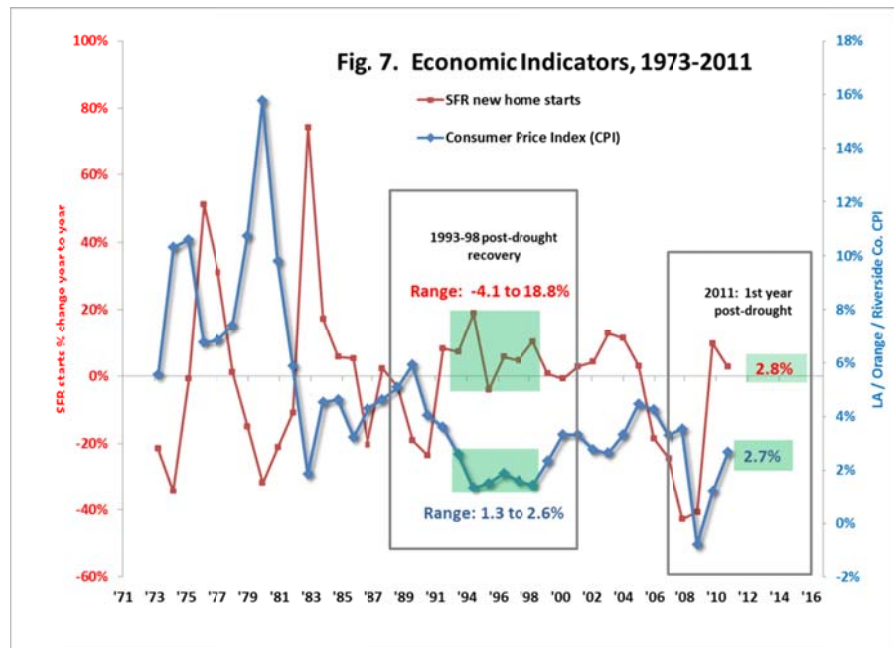
In addition to weather and lot sizes, per capita demand depends in part on the intensity of conservation effort in homes. Behavioral conservation practices are notoriously difficult to quantify, but we have data on water conserving plumbing fixture installation rates over the entire period of record (1990 – 2011). We have also data on home build dates, which is important as building standards have become more stringent over time with respect to plumbing fixtures. However, for the purposes of demand forecasting, what matters most is *new* conservation, as residential demand up to the 2009-11 drought already includes all previous conservation measures. Table 2 compiles conservation fixture data since 2008, and suggests that new water conserving fixtures installed during the recent drought will likely reduce overall residential demand by about 600 AF over the recovery period, or about 2.3 percent of peak demand in 2007 and 2.5 percent of annual residential demand in 2008, the year before mandatory conservation rates took effect in the 2009-11 drought.

	INDOOR		OUTDOOR			TOTAL
	HECW	HET	Rotating Nozzle	Synthetic Turf	WBIC	
No. installed	956	99	26	6	17	1,104
AF / YR SAVED	29.8	6.5	6.5	1.3	1.9	46.0
AF (lifetime of device)	419.0	131.1	27.3	12.3	18.0	607.8
AF/YR saved per installation	0.03	0.07	0.25	0.22	0.11	
AF/LIFETIME/DEVICE	0.44	1.32	1.05	2.05	1.06	

HECW: High Efficiency Clothes Washer. **HET:** High Efficiency Toilet. **WBIC:** Weather-Based Irrigation Controller

Economic factors.

We looked at two economic indicators (annual percent change in CPI relative to previous year for Los Angeles, Orange and Riverside Counties, and western Single Family Residential housing starts) to compare current economic conditions with those following the 1991-2 drought. The CPI for 2011 was 2.7% higher than 2010, nearly identical to the rise in the CPI of the first year of



the 1991-92 post drought recovery (2.6%). The percent change in new home construction for 2011 vs 2010 as 2.8%, which also falls within the range seen in the period following the 1991-2 drought (Fig. 7).

The inflation-adjusted cost of living, as measured by the annual rate of change in the CPI, was basically flat in the six years following the 1991-2 drought, having seen a steep decline in the preceding five years, whereas the current rate follows two years of steep increases and is already slightly higher than any year during the 1991-2 post-drought recovery. If the annual change in CPI continues to climb, it will exceed the rate of change observed during the previous post-drought recovery period (1993-97), and could in theory slow the rise in potable water demand observed since the end of the last drought. However, residential demand continued to rise when this occurred over the 1998-2005 period (compare Fig. 1 with Fig. 7 for this time period).

Economic factors – rates. While general economic indicators do not appear to be good predictors of potable water demand in the residential sector, steep declines in usage during both the 1990-1 and 2009-11 droughts demonstrate that residential demand is very sensitive to large changes in rates for delivered water. While the public outreach message associated with drought penalties for overuse are very different than general rate increases, the sensitivity of demand to the cost of water during droughts suggests that even general rate increases may reduce demand, depending on the magnitude of the increase. While not part of this study, it may be possible to quantify this effect or at least determine its potential magnitude by compiling water usage for a subset of long-term customers and looking for correlations between their usage and rate increases.

Post-drought recovery and the UWMP. Finally, our longer estimates for post-drought demand recovery fall within a year or two of the 2020 deadline for urban water providers to demonstrate a 20 percent drop in demand under the Urban Water Management Planning Act (UWMP). This requirement should be considered in the District's financial and demand planning, particularly if future rate increases appear to delay demand recovery sufficiently to intersect with the demand target required by 2020 under the UWMP act.

SUMMARY

Based on our experience in previous droughts (1990-1) and an analysis of the main factors that influence demand for potable water in the residential sector of our service area, we believe annual demand following the end of the recent drought will continue to rise, attaining its pre-drought level in six to seven years and 85 percent of that level in two years, depending primarily on the incidence of wet winters. Over shorter timescales, on a billing cycle and monthly usage basis, peak summertime residential demands will likely return to their pre-drought levels sooner although it is difficult to provide a more precise estimate than approximately 2-4 years.

Installation of water conserving plumbing and irrigation fixtures are estimated to reduce ultimate demand by about 2.5% of pre-drought demand. Higher than average increases in the cost of living (CPI) could also reduce the rate of recovery, although this did not occur when it happened before from 1998-2005.

Attachment A – Devices and Programs for Water Conservation in FY 12/13

	Device/Program	Rebate	Required Action
1	“Toro” replacement sprinkler heads (FreeSprinklerNozzle.com)	Free	<i>Continue</i>
2	Rotating nozzles	\$4/unit	<i>Continue</i>
3	High efficiency clothes washer	\$85/unit	<i>Seek additional funding from unspent Prop. 50 funds to increase the rebate to \$300/unit</i>
4	Single-family residential surveys	N/A	<i>Continue</i>
5	Turf removal	Was \$1.00/sq ft, \$0.30/sq ft currently	<i>Recommend Board approval to fund \$3/sq ft rebate with available MWD funding</i>
6	Weather-based irrigation controllers	Less than 1 acre: \$80/unit One acre or larger: \$25/station	<i>Continue</i>
7	Zero water urinals	\$200/unit	<i>Continue</i>
8	Showerheads	Free	<i>Continue until existing supply is exhausted</i>

Attachment B – Comparison of Lawn and Turf Removal Programs

Agency	Rebate (per sq ft)	Eligible Accounts	Qualified Yards	Area Limits (sq ft)	Rebate Cap	Documentation
Las Virgenes MWD (expired 6/30/2013)	\$1.25	Single family residential	Front	200 min	\$2,000	Photographs
Burbank Water and Power	\$1.00	Single family residential	Front	250 min 1,000 max	\$1,000	Project description
Irvine Ranch WD	\$1.00	Single family residential, commercial & landscape	Front, side, back & parkway	250 min 10,000 max	\$10,000	Simple design plan
Pasadena Water and Power	\$1.00	Single and multi-family residential & commercial	Front, side	250 min	\$2,500 SFR \$10,000 MF, COM	Sketch/drawing
San Gabriel Valley Water Company	\$1.30	Residential properties only	Front, side, back & parkway	250 min	\$1,300	Photographs
Los Angeles DWP	\$2.00	Residential properties only	Front, side, back & parkway	2,000 max	\$4,000	Photographs
City of Long Beach WD	\$3.00	All	Front & parkway	1,000 max	\$3,000	Simple design
Las Virgenes MWD (proposed)	\$3.00	All potable water customers	All yards	1,500 max	\$4,500	Photographs



LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road, Calabasas, CA 91302

MINUTES
REGULAR MEETING

5:00 PM

July 9, 2013

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by President Caspary.

1. CALL TO ORDER AND ROLL CALL

A Call to order and roll call

The meeting was called to order at 5:00 p.m. by President Caspary in the District offices. Deputy Secretary Conklin called the roll. Those answering present were Directors Caspary, Peterson, Polan, Renger and Steinhardt.

2. APPROVAL OF AGENDA

A Approval of agenda

On a motion by Director Lee Renger, seconded by Director Barry Steinhardt, the Board of Directors voted 5-0 to Approve the agenda for the Regular Board Meeting of July 9, 2013, as presented.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

3. PUBLIC COMMENTS

No speaker cards were received from the public.

4. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A 5-Million-Gallon Tank: Follow-up on Alternatives to Address Storage Deficiency

Consider nine alternatives to address the storage deficiency in the western portion of the District's potable water system, review the merits of performing a probability analysis of the design scenario driving the storage deficit, identify the alternatives that best address the storage deficiency, rank the identified alternatives, and direct staff to proceed accordingly.

ITEM 5A

General Manager Pedersen reviewed a document he prepared entitled "5-Million-Gallon Tank: Follow-up on Alternatives to Address Storage Deficiency/Review of Nine Alternatives Selected for Screening", which compares Board selected alternatives from June 25th: (1) #1-Tank at Site A, (2) #17-Installation of Treated Water Bladder in Las Virgenes Reservoir, (3) #18a-Voluntary Expanded Water Conservation, (4) #18b-Mandatory Expanded Water Conservation, (5) #23-Moratorium on New Meters (West End), (6) #20a-Voluntary Irrigation Shutoff Controller, (7) #20b-Mandatory Irrigation Shutoff Controller, (8) #21-Expanded Conservation Rebates, (9) #31-Las Virgenes-Calleguas Interconnection, to recommended screening criteria (mandatory customer action required, public concern or opposition expected, sustainable (produces on-going results), meets regulatory requirements for max day demand and fire flow, cost (relative to \$9M), feasible for implementation).

After reviewing the nine alternatives to recommended screening criteria the Board of Directors eliminated #18b-Mandatory Expanded Water Conservation, #23-Moratorium on New Meters (West End), #20a-Voluntary Irrigation Shutoff Controller, #20b-Mandatory Irrigation Shutoff Controller as potential alternatives; and requested staff further investigate alternatives #1-Tank at Site A and #17-Installation of Treated Water Bladder in Las Virgenes Reservoir, and regardless of whether the tank or an alternative is selected, to continue pursuing as a regular course of business #18a-Voluntary Expanded Water Conservation, #21-Expanded Conservation Rebates, #31-Las Virgenes-Calleguas Interconnection.

A summary of Board comments included: revise the "sustainability" cell on #31-Las Virgenes-Calleguas Interconnection to "maybe" instead of "yes"; concept to combine alternatives and form a Community Water Conservation Committee.

On a motion by Director Charles Caspary, seconded by Director Glen Peterson, the Board of Directors voted 5-0 to Approve tabling further discussion of alternatives to address the storage deficiency until the possibility of a Probability Analysis is determined and preliminary assumptions of an updated Potable Water Master Plan can be provided.
AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

B Legislative and Regulatory Updates

Director of Resource Conservation and Public Outreach Reyes provided a report on staffs' review and on-going analysis of the adopted EPA/TMDL including phosphorus (winter/summer) and in-stream/end of pipe targets. General Manager Pedersen stated a more thorough review would be provided at the August 5th JPA Board Meeting.

Director Caspary requested staff monitor MS4 compliance efforts, and to provide an update along with the TMDL at the August 5th JPA Board Meeting.

5. CONSENT CALENDAR

A Minutes: Special Meeting of May 29, 2013. **Approve**

Director Polan requested the Minutes of May 29th (Item 4B) be amended to read "Director Polan stated he would like to see the display presentation plan prior to the event".

B List of Demands: July 9, 2013. **Approve**

C Directors' Per Diem: June 2013. **Ratify**

On a motion by Director Leonard Polan, seconded by Director Barry Steinhardt, the Board of Directors voted 5-0 to Approve Consent Calendar 5A as amended at the request of Director Polan; and Consent Calendar 5B-5C as presented in the recommendations.
AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

6. TREASURER

Treasurer Polan stated he had reviewed the checks and during the process learned that the District is responsible for painting of fire hydrants.

7. BOARD OF DIRECTORS

A ACWA Statewide Positions of President and Vice President: Candidate Nominations

Consider nominations for the positions of ACWA President and Vice President, if any, and authorize staff and legal counsel to prepare a resolution(s) to nominate and support the candidate(s), if any, for Board-adoption and transmittal to ACWA with candidate resume(s) no later than September 3, 2013.

Director Peterson requested the item be tabled until additional candidate nominations were known, and to bring the item back at a later date for consideration.

On a motion by Director Glen Peterson, seconded by Director Lee Renger, the Board of Directors voted 5-0 to Approve the recommendations requested by Director Peterson.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

B Calabasas Road 10-inch Water Main Repair and Replacement: Continuation of Emergency Authorization

Approve continuation of the emergency authorization for the General Manager to replace approximately 1,500 feet of deteriorated 10-inch water main on Calabasas Road following informal bidding procedures in an amount not to exceed \$700,000.

Director of Facilities and Operations Lippman stated one bid had been received from Blois Construction and that use of slip-line repairs versus open-cut repairs would result in an approximate savings of \$225,000; work hours will be 8:00 p.m. - 6:00 a.m.; and Calabasas City Council received an update of repairs on June 26th.

On a motion by Director Lee Renger, seconded by Director Glen Peterson, the Board of Directors voted 5-0 to Approve the recommendation as presented.
AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

C Contest to Solicit Alternatives to Address Water Storage Deficiency

Determine whether or not to authorize a contest to solicit alternatives to address a water storage deficiency in the western portion of the District's potable water system and, if authorized, approve funding to award monetary prizes for first, second and third place.

One speaker card was received from the public (1) Neil Ticktin, who discussed group think; collaborative process; videos are good; disappointed in conflicting facts; delays have cost money; collaborative process would have eliminated delay; storage deficiency versus tank alternatives, there is a difference; not against tank, against process; since "group think fund" is his idea he wouldn't be eligible for the money; and stated David Pedersen should be one of the judges.

A summary of Board comments included: board members should judge only if technologically knowledgeable; potential judges: public agency engineers, university people; alternatives are not about storage deficiency, they are about the need for a tank; problem of fire safety; what is the goal of the tank; purpose of contest is to solicit ideas from the public (Mr. Ticktin stated ideas need to be very different, substantially different, alternatives to tank concept ~~ITEM SA~~

today); original concept for "group think" viable option would be eligible for prize money; alternatives must be viable or no winner (Legal Counsel Lemieux stated gifting of funds "fair market value" is required, proof that alternative has cost savings, has concerns Board needs to set/define rules and have them in place before "contest" and Mr. Tickin stated he believes the nine items should not be eliminated from the contest as the public may have better or expanded conservation ideas); against using District funds for a contest; do a "call for suggestions"; staff should be moving forward even if "contest" is held; we need to say enough is enough and go forward; disagrees that this has not been a collaborative process, three workshops have been held and very few comments from the workshops were against the tank; encourage public participation; university option is good for students-job seekers; viable solutions only or no payment is made; shows community we have explored every option; there may not be a cost and if there is, it is only for a viable alternative.

On a motion by Director Charles Caspary, seconded by Director Lee Renger, a request to solicit new/innovative conservation ideas and alternatives by promoting a suggestion box on the District's web page and to include the information in the next edition of the Current Flow was made. The motion was not voted on by the Board of Directors.

A summary of Board comments included: ignoring money factor/economic controls; at a future time the Board can review a reward for innovative idea(s); history tells us mailings and web site postings don't reach people; a set of rules for the contest need to be established.

Director Barry Steinhardt made an amended motion to bring back criteria in two weeks. The motion was not voted on by the Board of Directors.

Director Lee Renger made a second amended motion to include agenda wording plus other mechanical ways such as the interconnection with Calleguas and non-mechanical such as mandatory conservation, rate structure, and Mow-No-Mow. The motion was not voted on by the Board of Directors.

Additional Board comments included: use the District's web page to solicit viable storage deficiency ideas, Current Flow, press release, expand feedback as public input is critical; language needs to be more on point if you come up with an idea with value, the web site a good idea, but there needs to be a formal structure; enhanced system for public suggestions (universities, public, press release), which can be expanded on; concerns regarding lawsuit(s).

On a motion by Director Charles Caspary, seconded by Director Lee Renger, the Board of Directors voted 3-2 to Approve directing staff to modify existing conservation feedback capability on the web page to suggest alternatives to address storage deficiency in the western portion of the District; promote to the public, universities and all others via the web, press release, and Current Flow.

AYES: Director(s) Caspary , Peterson , Renger

NOES: Director(s) Polan , Steinhardt

8. FACILITIES AND OPERATIONS

A Renewal of Dog Park Agreement with the City of Calabasas

Execute an Agreement for the Management of a Dog Park on Water District Property with the City of Calabasas, in the amount of \$1.00 annually, with expiration of a 5-year term on September 30, 2018.

On a motion by Director Glen Peterson, seconded by Director Lee Renger, the Board of Directors voted 5-0 to Approve the recommendation as presented.

ITEM 5A

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

B Malibu Bowl Waterline Replacement Project: Final Acceptance

Approve the execution of a Notice of Completion by the Secretary of the Board for and on behalf of the District and have the same recorded; release the retention in the amount of \$7,500; approve a final Progress Payment in the amount of \$31,425.71, including additional compensation of \$11,471.71 for settlement of disputed items; and authorize issuance of a check serving as full accord and satisfaction of all amounts due to CS Engineering for the Malibu Bowl Waterline Replacement Project.

Director of Facilities and Operations Lippman provided a summary of claims, which went through a third-party review process; the third-party deemed some of the claims to be valid and some not; pay contract owed to date; third-party received claim payments; release of retention check to include legal language to the effect of, if cashed the contractor accepts the payment with no further claim.

A summary of Board comments included: no line item for asphalt (the bid document did not include a specific line item for asphalt, which is not uncommon); would like to see a line item specific to asphalt (Lippman: requested that the bid documents not be made so specific).

On a motion by Director Leonard Polan, seconded by Director Charles Caspary, the Board of Directors voted 5-0 to Approve the recommendations as presented along with direction to staff to ensure release language is included on the back of the check.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

9. INFORMATION ITEMS

A Renewal of Aluminum Sulfate Contract

10. NON-ACTION ITEMS

A Organization Reports (1) MWD a. Representative Report/Agenda(s); (2) other

(1) MWD Representative Peterson reported on general business of Metropolitan Water District including \$25-million for OPEB (Other Post-Employment Benefits) tabled to August; no Colorado River Board Meeting today; and stated there were discussions on existing litigation with San Diego County Water Authority v. Metropolitan Water District of Southern California; and The Navajo Nation v. United States Department of the Interior, et al., United States District Court for the District of Arizona.

(2) None.

B Director's Reports on Outside Meetings

No reports were given.

C General Manager Reports (1) General Business; (2) Follow Up Items

(1) General Manager Pedersen provided an update on general business of the District including Bay Delta Conservation Plan resolution of support; reported on his attendance at the California Special Districts Association - General Manager Leadership Summit.

(2) No report was provided.

D Director's Comments

Director Peterson reported that Congressman Jim Costa made a presentation in regards to the Bay Delta Conservation Plan during the July 8th, Water Planning and Stewardship Committee meeting.

Director Polan requested information pertaining to General Manager Pedersen's comment on June 25th regarding a request from Westlake Lake for water, and inquired as to whether they could use well water (water is purchased at Tier-4 rates and they cannot use well water, which is used to supplement recycled water).

11. FUTURE AGENDA ITEMS

Director Steinhardt requested staff come back with a contest and rules along with how to move forward with a monetary incentive.

12. PUBLIC COMMENTS

No speaker cards were received from the public.

The meeting convened into break at 7:44 p.m.

13. CLOSED SESSION

The meeting reconvened into Closed Session at 7:49 p.m.

A Labor Negotiations (Government Code Section 54957.6):

1. Employee Compensation and Benefits

B Conference with District Counsel - Potential Litigation (Government Code Section 54956.9): One Case

1. In the opinion of District Counsel, disclosure of the identity of the litigant would be prejudicial to the district.

C Conference with District Counsel - Existing Litigation:

1. Heal the Bay, Inc. v. Lisa P. Jackson

14. OPEN SESSION AND ADJOURNMENT

The meeting convened into Open Session at 7:57 p.m. No reportable actions were taken during Closed Session.

The Chair declared the meeting adjourned at 7:58 p.m.

CHARLES CASPARY, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

BARRY STEINHARDT, Secretary
Board of Directors
Las Virgenes Municipal Water District

(SEAL)



LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road, Calabasas, CA 91302

MINUTES
REGULAR MEETING

5:00 PM

July 23, 2013

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by President Caspary.

1. CALL TO ORDER AND ROLL CALL

A Call to order and roll call

The meeting was called to order at 5:01 p.m. by President Caspary in the District offices. Deputy Secretary Conklin called the roll. Those answering present were Directors Caspary, Peterson, Polan, Renger and Steinhardt.

2. APPROVAL OF AGENDA

A Approval of agenda

General Manager Pedersen requested removal of "14. Closed Session" from the agenda as there was nothing to report.

On a motion by Director Lee Renger, seconded by Director Barry Steinhardt, the Board of Directors voted 5-0 to Approve the agenda for the Regular Meeting of July 23, 2013, as amended by the recommendation of General Manager Pedersen.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

3. PUBLIC COMMENTS

No speaker cards were received from the public.

4. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Legislative and Regulatory Updates

No report was given.

ITEM 5A

5. CONSENT CALENDAR

On a motion by Director Glen Peterson, seconded by Director Leonard Polan, the Board of Directors voted 5-0 to Approve Consent Calendar 5A-5D as presented in the recommendations.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

- A** Minutes: Regular Meetings of June 11, 2013 and June 25, 2013. **Approve**
- B** List of Demands: July 23, 2013. **Approve**
- C** Investment Report for the Month of June 2013. **Approve**
- D** Investment Review for the Second Quarter 2013. **Receive and File**

6. TREASURER

Treasurer Polan inquired as to whether the check to CS Engineering for \$31,000 had been cashed (Director of Facilities and Operations Lippman stated no, and that CS Engineering had requested a meeting to discuss final acceptance of the project).

7. BOARD OF DIRECTORS

- A** Calabasas Road 10-inch Water Main Repair and Replacement: Continuation of Emergency Authorization

Approve continuation of the emergency authorization for the General Manager to replace approximately 1,500 feet of deteriorated 10-inch water main on Calabasas Road following informal bidding procedures in an amount not to exceed \$700,000.

Director of Facilities and Operations Lippman provided an update in regards to the emergency authorization including: contractor started repair last week, the valve to the repair area has been isolated, and the work should be completed at the end of August.

On a motion by Director Lee Renger, seconded by Director Glen Peterson, the Board of Directors voted 5-0 to Approve the recommendation as presented.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

- B** Call for Suggestions: Alternatives to 5-Million-Gallon Tank

Determine whether or not to authorize a Call for Suggestions to solicit alternatives to the 5-Million-Gallon Tank; and, if authorized, approve the rules for the process with amendments, if any, and the awards or recognition for the winners.

General Manager Pedersen discussed the call for suggestions/rules, and stated after publication of the agenda he was contacted by Neil Ticktin who provided him with a supplemental exhibit modifying the call for alternatives (suggestions) and rules.

One public speaker card was received from the public (1) Neil Ticktin: discussed the Supplemental Exhibit he drafted entitled "Call for Alternatives to Proposed 5-Million-Gallon Tank", which included a summary, purpose, rules and proposed awards or recognition; and stated the program in the agenda package was not what he proposed; wants his version of the proposed contest utilized; wants to support the process; collaboration should have been done first instead of after portions of the tank project had been approved.

A summary of Board comments included: repeatedly stated support if tank is deemed to be needed (Ticktin: problem needing to be solved was not clearly stated; there are things that are right/wrong with the tank, if the tank is the best possible solution it should be compared to the

best alternatives); opposed to putting money in as an award; contentious; legal challenges; reach out to schools; include storage, conservation, 20x2020 ideas; do not delay project; include employees as part of those eligible to participate; remuneration only if usable/viable, motivating factor; student involvement positive; no ideas, nothing gained/lost; award vital for motivation; five member panel for selection process, how will the community member be selected (Pedersen: respected, active in community, someone not involved in the tank project, utilize a city engineer the District does business with, but who has not participated in any part of the tank project, board member who has the most technological knowledge (suggestion made for Directors Polan or Renger), consulting engineer who has never been part of the tank project); common sense; member of the community who is involved, but non-technical; does not want staff buried in questions (Pedersen: most documents needed are already posted to the District's web page); all information the public could need has been presented at board meetings; community member who is a non-engineer, possibly an environmentalist; likes innovative conservation ideas as part of the process; judge does not need to be from the District's community; the west-side is not the only beneficiary, all portions of the District will pay; ideas need to address all issues; conservation will not meet the needs; include 20x2020; filtration plant needs to operate more efficiently; potable usage up 17% according to the quarterly report.

On a motion by Director Barry Steinhardt, seconded by Director Leonard Polan, the Board of Directors voted 2-3 to Approve the supplemental exhibit as proposed by Neil Ticktin.

AYES: Director(s) Polan , Steinhardt

NOES: Director(s) Caspary , Peterson , Renger

On a motion by Director Glen Peterson, seconded by Director Lee Renger, the Board of Directors voted 3-2 to Approve the recommendations as presented by staff with an amendment to include conservation and 20x2020 ideas.

AYES: Director(s) Caspary , Peterson , Renger

NOES: Director(s) Polan , Steinhardt

C Approval of Management Unit and Supervisor, Professional & Confidential Unit Memorandums of Understanding: July 1, 2013 through June 30, 2015

Authorize the General Manager to execute Memorandums of Understanding with the Management Unit and Supervisor, Professional & Confidential Unit for a term of July 1, 2013 through June 30, 2015.

Human Resources Manager Paniagua provided a high level review of changes to the tentative agreements including: term (2-years); salary (6% increase effective August 3, 2013); CalPERS retirement (effective August 3, 2013 employees will be paying the entire 7% employee contribution); health insurance (effective January 1, 2014 the District's contribution will be 98% of the Kaiser Permanente HMO family rate and additionally, employees hired after July 1, 2013 with at least 10 years of District service who are age 55 or older at retirement will receive retiree medical benefits of 75% of the least expensive plan offered by the District at the time of retirement at the employee only level); total compensation study (provisions were removed from both agreements); Consumer Price Index (removed from both agreements).

A summary of Board comments included: clarification of 98% of Kaiser HMO family plan, believes what was discussed was 98% of each plan for employee only, employee plus one dependent, employee plus two dependents (after discussions by those present during Closed Session negotiations (General Manager Pedersen, Human Resources Manager Paniagua, Directors Caspary and Peterson)), it was determined the District negotiated payment of 98% of the Kaiser HMO family rate, which is the provision agreed to as part of the TA (tentative agreement).

Human Resources Manager Paniagua also stated that City Employees Associates (CEA) had requested the salary increase be effective July 1st versus August 3rd.

After discussions by the Board of Directors, based upon the staff memo in the agenda and recommendation of General Manager Pedersen, the effective date of the salary increase for both units was determined to be August 3, 2013.

On a motion by Director Glen Peterson, seconded by Director Charles Caspary, the Board of Directors voted 5-0 to Approve the recommendation as presented.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

8. FACILITIES AND OPERATIONS

A Underground Fuel Storage System: Advanced Leak Detection and Repair

Waive formal bidding procedures and issue a purchase order to Tait Environmental Services, Inc., to perform advanced leak detection and repairs to the District's underground fuel storage system for \$83,350 with a 20% contingency, for a total amount not to exceed \$100,000.

Director of Facilities and Operations Lippman discussed local gas station use, which costs approximately \$2,500 per month or \$30,000 per year; \$200,000 for unleaded tank replacement, if required, due to vapor recovery system and line replacement, not including engineering services; cost includes Public Works and Regional Board permits.

A summary of Board comments included: brine between diesel/gas (keeps the lines from freezing); life cycle of tank (20+ years); leak (Tait has correct testing equipment to locate leak); dent in containment vessel (this was the first leak that was fixed).

On a motion by Director Barry Steinhardt, seconded by Director Lee Renger, the Board of Directors voted 5-0 to Approve the recommendations as presented.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

9. FINANCE AND ADMINISTRATION

A Fourth Quarter Financial Review

Receive and file.

Treasurer Polan stated he had reviewed the report with Director of Finance and Administration Hicks; funds are moving in a positive direction; questioned in the long-term, has the financial situation anticipated using these funds for capital improvements and where is the positive cash flow going (operations, replacement projects, three years of capital on hand is the goal, general cash management, emergencies).

On a motion by Director Barry Steinhardt, seconded by Director Charles Caspary, the Board of Directors voted 5-0 to Approve the recommendation as presented.

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

B Proposed Financial Policy for Recycled Water

Adopt a financial policy to use net revenue in the Recycled Water Operations Fund beyond operating and replacement needs for two purposes: (1) funding, research, studies and construction of projects to increase the beneficial use of recycled water; and (2) setting funds aside to ultimately pay for or service the debt associated with a seasonal storage reservoir for recycled water.

General Manager Pedersen reviewed the proposed financial policy changes for recycled water

(Policy 2: Balance Budget/Annual Board Review; Policy 6: Operating Funds Cash Requirement; Policy 7: Replacement and Major Maintenance Fund), and stated he is hopeful the potable fund will be in the black by the end of the year.

A summary of Board comments included: is PAYGO in the policy (yes, stated as "pay for" instead of "pay as you go"); pipe to Palo Comado (Herschel property, Water System Design Report (WSDR) for potable and recycled, \$5,500 per acre foot, developer pays, but then Las Virgenes participates, Herschel is conceptual right now so WSDR is premature); sewer (developer would build and Las Virgenes would treat sewage); use PAYGO versus pay for.

On a motion by Director Lee Renger, seconded by Director Leonard Polan, the Board of Directors voted 5-0 to Approve the recommendations as presented with an amendment to utilize the terminology "PAYGO" in lieu of "pay for".

AYES: Director(s) Caspary , Peterson , Polan , Renger , Steinhardt

10. INFORMATION ITEMS

A 2013 Master Plans Update Technical Memorandum - Effects of the Economy and Climate on Water Demand and Wastewater Generation

Director of Facilities and Operations Lippman discussed the correlation between the economy and water demand, which is greater than the effect of weather; population related water demands and land use information will be available on August 13th.

A summary of Board comments included: people use automatic sprinkler controls; in good times gardeners want to keep grass green (during good economic times water use will be up); scary when considering 20x2020 (General Manager Pedersen stated staff is going to work on a 20x2020 plan as part of strategic goals along with budget based rates (possibly with Tom Ash)); verify percentages used in Table 5, is there a basis for the 6.5% (Lippman: meeting with Kennedy/Jenks on July 24th and will clarify); where does data come from (unemployment rates are from EDD (Employment Development Department - localized area, number of people who reside here that are unemployed) and water usage is from Las Virgenes); how about retirees (not counted); visited Cayucos last week, they are an environmental community, have their own water system, use water with ethics, we need to change our community's ethics, the change will be slow.

Director Renger inquired of Legal Counsel Lemieux: if potable water enterprise has to meet 20x2020 can some of the potable water money go to recycled water (Lemieux: yes if there is a nexus and then proportionally).

Director Renger requested staff speak to Arizona regarding landscaping; and Directors Peterson and Polan requested information on Las Vegas Valley Water District who has an Ordinance regarding landscaping/water use.

B Claim from Ted Polmanski

C Workers' Compensation Insurance - Premium Estimate for FY 2013-14

Director Peterson asked if there was an expected rebate (Director of Finance and Administration Hicks: no known rebate at this time).

11. NON-ACTION ITEMS

A Organization Reports (1) MWD a. Representative Report/Agenda(s); (2) Other

(1) MWD Representative Peterson reported on general business of Metropolitan Water District

ITEM 5A

including: presentation of Bay Delta Conservation Plan Economic Analysis was given by Dr. David Sunding (BDCP Consultant, The Brattle Group) and discussed an article in the Los Angeles Times regarding Fish and Game/Bay Delta Conservation Plan.

(2) None.

B Director's Reports on Outside Meetings

None.

C General Manager Reports (1) General Business; (2) Follow-Up Items

(1) General Manager Pedersen provided an update on general business of the District including: reservation deadline for the upcoming CASA Conference; August 5th JPA Board Meeting to be held at Rancho Las Virgenes Composting Facility; August 8th event at Metropolitan Water District featuring Congresswoman Grace Napolitano; August 14th ACWA Regulatory Summit on groundwater.

(2) General Manager Pedersen provided an update on follow up items that had been completed including: development of financial policies, goals and objectives for recycled water funds; and stated a policy would be provided as information to the Board on August 13th in regards to handling of bees.

D Director's Comments

Director Polan requested (1) a policy related to providing of food for late night board meetings; (2) school district outreach related to water conservation ethics as taught by teachers outside our area; (3) information on Code violations related to wasting of water (President Caspary requested staff forward Ordinances to the Board related to water conservation/enforcement); (4) statistician for probability analysis (General Manager Pedersen stated this item would be brought forward on August 13th).

12. FUTURE AGENDA ITEMS

None.

13. PUBLIC COMMENTS

No speaker cards were received from the public.

14. CLOSED SESSION

Closed Session was not held.

A Conference with District Counsel - Existing Litigation:

1. Heal the Bay, Inc. v. Lisa P. Jackson

15. OPEN SESSION AND ADJOURNMENT

The Chair declared the meeting adjourned at 6:48 p.m.

CHARLES CASPARY, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

BARRY STEINHARDT, Secretary
Board of Directors
Las Virgenes Municipal Water District

(SEAL)

LAS VIRGENES MUNICIPAL WATER DISTRICT

To: LEONARD POLAN, TREASURER

Payments for Board Meeting of : August 13, 2013

Upon certification by the Treasurer the checks and wire transfers were correct and supporting documents available, it is recommended the following demands on the various funds be approved and payments authorized.

Wells Fargo Bank A/C No. 4806-994448

Checks Nos. 63266 through 63417 were issued in the total amount of

\$ 875,413.34

Payments through wire transfers as follows:

7/31/2013 Metropolitan Water Dist. Payments for water deliveries in the month of May 2013.

1,896,880.18

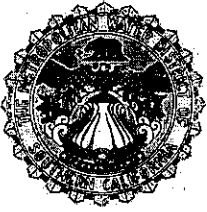
Total payments

\$ 2,772,293.52

(Reference is hereby made to these demands on file in the District's Check Register and by this reference the same is incorporated herein and made a part hereof.)

**CHECK LISTING FOR BOARD MEETING
08/13/13**

Company Name	Company No.	Check No. 63266 thru 63305 07/23/13	Amount	Check No. 63306 thru 63344 07/30/13	Amount	Check No. 63345 thru 63386 08/06/13	Amount	Check No. 63387 thru 63417 08/13/13	Amount	Total
Potable Water Operations	101	7,809.56		14,632.63		42,484.12		3,866.78		68,793.09
Recycled Water Operations	102									0.00
Sanitation Operations	130	3,993.89				14,001.26		19,026.14		37,021.29
Potable Water Replacement	301	3,842.54		13,866.42		15,915.44		100,125.32		133,749.72
Internal Service	701	28,278.21		46,314.88		46,313.14		39,148.69		160,054.92
Joint Venture Operations	751	6,778.60		13,668.89		25,533.53		38,678.11		84,659.13
Joint Venture Construction	752			7,187.50						7,187.50
Joint Venture Replacement	754	14,990.90		36,189.00		1,389.70		331,378.09		383,947.69
Total Printed		65,693.70		131,859.32		145,637.19		532,223.13		875,413.34
Voided Checks/payment stopped:		None								
Total Voids		0.00		0.00		0.00		0.00		0.00
Net Total		65,693.70		131,859.32		145,637.19		532,223.13		875,413.34



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

700 North Alameda Street

Los Angeles, CA, 90012-2944

INVOICE

Billed To:

Las Virgenes Municipal Water District



Service Address

4232 Las Virgenes Road
Calabasas, CA 91302

May 2013	Page No. 1 of 1
Mailed: 06/10/2013	Due Date: 07/31/2013
Invoice Number: 7699	Revision: 0

NOTICE

The MWD Administrative Code Section 4507 and 4508 require that payment must be made in "Good Funds" by the due date or the payment will be considered delinquent and an additional charge shall be assessed.

DELIVERIES

	Volume (AF)
Total Water Treated Delivered	2,107.8

SALES

	Type	Volume (AF)	Rate (\$ /AF)	Total (\$)
Full Service	Tier 1 Supply Rate	2,107.8	\$140.00	\$295,092.00
	System Access Rate	2,107.8	\$223.00	\$470,039.40
	Water Stewardship Rate	2,107.8	\$41.00	\$86,419.80
	System Power Rate	2,107.8	\$189.00	\$398,374.20
	Treatment Surcharge	2,107.8	\$254.00	\$535,381.20
SUBTOTAL				\$1,785,306.60

OTHER CHARGES AND CREDITS

	Rate (\$ /AF)
Conservation Debit/Credit	
Readiness To Serve Charge(Payment Schedule: M)	
Capacity Charge(Payment Schedule: M)	
SUBTOTAL	

ADDITIONAL INFORMATION

	Volume (AF)	Tier1 %	Peak Day	Flow (CFS)
Purchase Order Commitment (Jan 2003 to Dec 2014)	164,524.0			
Purchase Order Firm Delivery To Date (Jan 2003 to Dec 2014)	235,425.3			
Tier 1 Annual Limit (For Current Calendar Year)	20,699.0			
Tier 1 YTD Deliveries (For Current Calendar Year)	9,468.3	45.7		
Tier 1 Current Month Deliveries	2,107.8			
Capacity Charge			8/27/2010	43.9

INVOICE TOTAL

Volume AF
2,107.8

Amount Now Due
\$1,896,880.18

Note: Amount Due is based on highlighted fields

Approved for Payment
David W. Pedersen
David W. Pedersen, P.E.

Approved for Payment
David R. Lippman
David R. Lippman 6/11/13

P A I D
wired on 7/31/13
JC

Batch Number - 224921
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Slub Message	TY	Document Number	Key	Co	Amount	Invoice Number
63266	07/23/13	15483	ADVANCED VIBRATION ANALYSIS	6 MO EQUIPMENT VIBRATION	PV	126745	001	00701	667.50	2499
				6 MO EQUIPMENT VIBRATION	PV	126745	002	00701	667.50	2499
				Payment Amount					1,335.00	
63267	07/23/13	3077	AIRGAS USA, LLC	6/13 CYLINDER RNTL	PV	126754	001	00701	606.55	9910806584
			All Payee AIRGAS USA, LLC P. O. BOX 7423 PASADENA CA 91109-7423	Payment Amount					606.55	
63268	07/23/13	17389	ANIMAL & INSECT PEST MANAGEMENT, INC	5/13 SQUIRREL CNTRL@WLK DAM	PV	126747	001	00701	80.00	67377
				6/13 PEST CNTRL	PV	126755	001	00701	25.20	67373
				6/13 PEST CNTRL	PV	126755	002	00701	58.80	67373
				6/13 PEST CNTRL	PV	126756	001	00701	110.25	67374
				6/13 PEST CNTRL@TAPIA	PV	126757	001	00701	110.25	67378
				6/13 PEST CNTRL@EQUESTR	PV	126758	001	00701	54.00	67375
				IAN TNK	PV	126759	001	00701	60.00	67436
				6/13 PEST CNTRL@MOTOR HOUSE	PV	126760	001	00701	54.00	67376
				6/13 PEST CNTRL@WLK	PV	126730	001	00101	778.84	2043/070713
				Payment Amount					552.50	
				6/07~8/6/13 SRV	PV	126731	001	00101	192.76	2045/070713
				7/7~8/6/13 SRV	PV	126732	001	00101	128.78	0123/070713
				6/7~8/6/13 SRV	PV	126732	001	00101	128.78	0123/070713

Batch Number - 224921
Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key Item	Co	Amount	Invoice Number
				SRV	PV	126733	001	00101	63.42	0124/070713
	6/7-8/6/13									
				SRV	PV	126734	001	00130	385.52	2220/070713
	6/07-8/6/13									
				SRV	PV	126735	001	00701	224.24	7719/070713
	6/07-8/6/13									
				SRV	PV	126736	001	00701	224.24	7720/070713
	6/07-8/6/13									
				SRV	PV	126737	001	00701	163.46	7721/070713
	6/07-8/6/13									
				SRV	PV	126740	001	00101	769.38	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	002	00101	104.44	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	003	00101	470.22	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	004	00101	4,520.39	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	005	00101	44.89	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	006	00101	1,061.60	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	007	00101	467.66	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	008	00101	1,265.88	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	009	00101	69.18	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	010	00101	44.89	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	011	00101	44.89	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	012	00101	44.89	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	013	00101	44.89	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	014	00101	44.89	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	015	00101	89.78	0051/070513
	6/06-7/07/13									
				SRV	PV	126740	016	00101	44.89	0051/070513
	6/06-7/07/13									

Batch Number - 224921
Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	TY	Document . . . Number	Key itm Co	Amount	Invoice Number
3									
SRV					PV	126741	006 00701	70.23	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	007 00701	16.48	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	008 00701	11.54	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	009 00701	4.94	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	010 00701	182.04	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	011 00701	130.48	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	012 00701	28.50	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	013 00701	163.64	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	014 00701	16.68	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	015 00701	16.48	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	016 00701	44.98	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	017 00701	57.00	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	018 00701	65.99	992789332X071 12013
	06/04-07/03/1								
3									
SRV					PV	126741	019 00701	16.48	992789332X071 12013
	06/04-07/03/1								

Batch Number - 224921
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
				06/04-07/03/1							12013
				3							
				SRV	PV	126741	020	00701		28.50	992789332X071
				06/04-07/03/1							12013
				3							
				SRV	PV	126741	021	00701		69.63	992789332X071
				06/04-07/03/1							12013
				3							
				SRV	PV	126741	022	00701		158.98	992789332X071
				06/04-07/03/1							12013
				3							
				Payment Amount						2,553.25	
63272	07/23/13	15635	BRENNTAG PACIFIC, INC.	SERIAL CONTAINER RETURN	PD	126787	001	00751		1,890.80	BPI181371
				CITRIC ACID 50% SOLUTION	PV	126789	001	00701		2,873.68	BPI321870
				Payment Amount						982.88	
63273	07/23/13	5405	CALOLYMPIC SAFETY	DUST MASK	PV	126802	001	00701		462.93	317994
				Payment Amount						462.93	
63274	07/23/13	13919	CANTEEN OF COASTAL CALIFORNIA, INC	MISC COFFEE SUPPLIES	PV	126753	001	00701		195.63	24091
				Payment Amount						195.63	
63275	07/23/13	2513	CAPCO ANALYTICAL SERVICES	6/13 DIGESTER GAS TEST	PV	126750	001	00701		190.00	131935
				Payment Amount						190.00	
63276	07/23/13	2547	COUNTY SANITATION DISTRICTS OF LA COUNTY	6/13 DISP GRIT & RAG@TAPIA	PV	126749	001	00701		447.39	48892/063013
				Payment Amount						447.39	
63277	07/23/13	14591	EMISSION COMPLIANT CONTROLS CORP.	SRV LABOR 6/26@CORNELL & WLK	PV	126744	001	00701		1,690.00	PSO2514
				Payment Amount						1,690.00	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key	Co	Amount	Invoice Number
C/O PRE-BANC BUSINESS CREDIT, INC. P. O. BOX 16727										
63278	07/23/13	8923	ENVIRONMENTAL EXPRESS LTD	Payment Amount OIL & GREASE STANDARD 5MG HEM	PV	126791	001	00701	1,690.00 91.72	1000315191
63279	07/23/13	2658	FEDERAL EXPRESS CORP	Payment Amount (1)PACKAGE DEL 7/10/13	PV	126742	001	00701	100.05 70.20	2-334-33339
63280	07/23/13	15704	GARY FIELDS	Payment Amount REIMB-ESRI USER CNF 7/7-7/12	PV	126808	001	00701	70.20 178.41	071213
63281	07/23/13	2660	FISHER SCIENTIFIC	Payment Amount MISC LAB SUPPLIES	PV	126752	001	00701	178.41 174.20	8933513
63282	07/23/13	2688	Alt Payee 3202 FISHER SCIENTIFIC ACCOUNT #479936-001 FILE #50129	Payment Amount 6/13-MAT'L TESTNG 3RD DIGESTER	PV	126746	001	00701	179.71 6,957.50	21307026
63283	07/23/13	18646	HDR ENGINEERING, INC.	Payment Amount 6/2-6/29/13-R ESV#2 IMPROVEMENT	PV	126768	001	00701	6,957.50 8,033.40	00090526-B
63284	07/23/13	16809	ICTUS CONSULTING, LLC	Payment Amount 6/13 RECORDS MANAGEMENT SRV	PV	126788	001	00701	8,033.40 4,810.00	LVMWD-130630
63285	07/23/13	16620	JAM FIRE PROTECTION, INC.	Payment Amount QUARTERLY SPRINKLER FLOW TEST	PV	126743	001	00701	4,810.00 400.00	163726
63286	07/23/13	17647	DIAMOND A	Payment Amount FREIGHT	PV	126810	001	00751	400.00 38.36	IX40693

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item Co	Amount	Invoice Number
			EQUIPMENT LLC	CHRG-PULLEY	PV	126811	001 00751	1,016.05	IX40563
				PULLEY & MISC PARTS					
			All Payee	JOHN DEERE FINANCIAL PO BOX 4450 CAROL STREAM IL 60197-4450					
63287	07/23/13	2839	MOTION INDUSTRIES, INC.	POWERBAND V-BELTS	PV	126778	001 00701	258.30	CA22-566508
				Payment Amount 1,054.41					
			All Payee	MOTION INDUSTRIES INC. 10317 MOTION INDUSTRIES INC. FILE 749376 LOS ANGELES CA 90074					
63288	07/23/13	18940	MP PRINTING & MAILING	NOTICE-MUREAU RD	PV	126770	001 00701	2,646.04	51383
				CONSTRUCTION					
				Payment Amount 2,646.04					
63289	07/23/13	2585	PURETEC	7/13-8" D. I. RNTL	PV	126781	001 00701	22.06	1243614
				7/13-14" TANK EXCHANGE	PV	126782	001 00701	213.29	1246154
				7/13-14" D.I. RNTL	PV	126783	001 00701	94.29	1243416
				Payment Amount 329.64					
63290	07/23/13	16788	RADIO ACTIVITY	HANDHELD RADIO HOLSTER	PV	126777	001 00701	895.00	0071713
				INSTALL 4 RADIOS IN NEW VEH.	PV	126785	001 00701	600.00	0071113
				Payment Amount 1,495.00					
63291	07/23/13	6766	SAWYER PETROLEUM	DIESEL FUEL DELIVERY/RLV & FARM	PV	126784	001 00751	1,876.18	V38445
				Payment Amount 1,876.18					
63292	07/23/13	3480	SIGN FACTORY	48"x48" VINYL & ALUMINUM SIGN	PV	126793	001 00701	1,096.50	12763
				48"x48" VINYL & ALUMINUM SIGN	PV	126793	003 00701	100.00	12763

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty Number	Key Item Co	Amount	Invoice Number
63293	07/23/13	2956	SOUTH COAST AIR QUALITY MGMT DIST		PV 126761	001 00130	1,452.68	2618079
				SIGN			1,196.50	
				Payment Amount				
				OPERATING				
				FEE@L/S#2-ID#				
				66254				
				OPERATING			317.07	2615774
				FEE@JBR-ID#65				
				733				
				EMISSION			117.87	2616777
				FEE@JBR-ID#65				
				733				
				OPERATING			1,772.93	2617942
				FEE@OPS-ID#30				
				439				
				EMISSION			117.87	2618998
				FEE@OPS-ID#30				
				439				
				EMISSION			117.87	2619089
				FEE@L/S#2-ID#				
				66254				
				Payment Amount			3,896.19	
63294	07/23/13	2958	SOUTHERN CALIFORNIA GAS CO		PV 126739	001 00101	18.44	1200/070313
				JBR P/S				
				6/4-7/3/13				
				Payment Amount			18.44	
63295	07/23/13	2964	STATE BOARD OF EQUALIZATION		PV 126776	001 00701	1,479.53	97817885/0630
				SALES/USE				
				TAX-2ND QT'13				13
				Payment Amount			.47	
				SALES/USE				97817885/0630
				TAX-2ND QT'13				13
				Payment Amount			1,480.00	
63296	07/23/13	15427	THE GATEKEEPER		PV 126790	001 00701	280.00	#85099
				REPROGRM				
				OPERATOR				
				CODE@RLV				
				Payment Amount			280.00	
63297	07/23/13	18095	TOTAL BARRICADE SERVICE, INC.		PV 126780	001 00701	250.00	20746
				TRAFFIC				
				CNTRL/WTR				
				LINE REPAIR				
				Payment Amount			250.00	
63298	07/23/13	18788	TRIDENT INSURANCE		PV 126767	001 00701	1,890.00	7010
				CLAIMS				
				SERVICE FEE				

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number	
SERVICES LLC												
63299	07/23/13	3429	UNITED PARCEL SERVICE	Payment Amount	PV	126792		001	00701	1,890.00		
				SRV 6/13-7/13/13						291.26	000025W020283	
Payment Amount												
63300	07/23/13	16271	USA MOBILITY WIRELESS, INC	Payment Amount	PV	126751		001	00701	291.26		
				SRV 6/10-7/10/13						80.46	W0143084G	
				SRV 6/10-7/10/13				002	00701	69.74	W0143084G	
				SRV 6/10-7/10/13				003	00701	40.73	W0143084G	
				SRV 6/10-7/10/13				004	00701	40.73	W0143084G	
Payment Amount												
63301	07/23/13	2780	VALLEY NEWS GROUP	ADS:CLBS RD CONSTRUCTION 7/4	PV	126786		001	00101	231.66	7-5	
Payment Amount												
63302	07/23/13	8455	VARNA ELECTRONICS	REPR/MODIFY TAILGATE MTG AUDIO	PV	126779		001	00701	120.00		
Payment Amount												
63303	07/23/13	2436	VINCE BARNES AUTOMOTIVE	VEHICLE MAINT#858	PV	126773		001	00701	827.00	LVWD-AMP-1	
				VEHICLE MAINT#895						350.00	019779	
				VEHICLE MAINT#140						250.00	019809	
Payment Amount												
63304	07/23/13	3507	WORDLAND	4/1/13-3/31/14 PRINTER MAINT	PV	126807		001	00701	871.31		
Payment Amount												
				6/13 LEAK DETECTION SURVEY						3,800.00	55794	
Payment Amount												
63305	07/23/13	11829	WORLDWIDE WATER UTILITY SERVICES	6/13 LEAK DETECTION SURVEY	PV	126772		001	00701	3,800.00	CA-1306-07	
Payment Amount												
										750.00		
										65,693.70		
											Total Number of Payments Written	40

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key	Amount	Invoice Number
63306	07/30/13	18563	ALTURA PAINT CENTER, INC	PAINT, URETHANE, DUNES TAN	PV	126883	001 00701	317.36	236399
				Payment Amount				317.36	
63307	07/30/13	2397	AQUATIC BIOASSAY & CONSULTING	CHRONIC BIOASSAY TESTING	PV	126799	001 00701	810.00	LVS0713.0641
				Payment Amount				810.00	
63308	07/30/13	5625	ASSOC. OF WATER AGENCIES OF VENTURA CO	CCWUC LUNCHEON-L MILLER	PV	126849	001 00701	25.00	05-6976
				Payment Amount				25.00	
				CCWUC MEMBERSHIP	PV	126868	001 00701	150.00	072313
				13/14-L.MILLE R					
				Payment Amount				175.00	
63309	07/30/13	2869	AT&T	SRV 7/14--8/13/13	PV	126878	001 00701	44.89	4639/070713
				SRV 7/14--8/13/13	PV	126879	001 00751	44.89	4860/071413
				Payment Amount				89.78	
63310	07/30/13	9631	AT&T LONG DISTANCE	SRV 6/05--7/04/13	PV	126880	001 00701	223.30	806368136/070 413
				SRV 6/05--7/04/13	PV	126880	002 00701	1.10	806368136/070 413
				SRV 6/05--7/04/13	PV	126880	003 00701	.02	806368136/070 413
				SRV 6/05--7/04/13	PV	126880	004 00701	.13	806368136/070 413
				SRV 6/05--7/04/13	PV	126880	005 00701	17.18	806368136/070 413
				SRV 6/05--7/04/13	PV	126880	006 00701	16.15	806368136/070 413
				SRV 6/05--7/04/13	PV	126880	007 00701	16.57	806368136/070 413
				Payment Amount				274.45	
63311	07/30/13	2425	BANK OF AMERICA	VISA CHRG-FIN ADM-JUN'13	PV	126854	001 00701	1,073.68	1471/070713
				VISA CHRG RES CONS#1-JUN'13	PV	126855	001 00701	1,144.69	0073/070713

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Payment Number	Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key itm Co	Amount	Invoice Number
				VISA CHRG-RES	PV	126856	001 00101	86.94	9854/070713
				CONS-JUN'13					
				VISA CHRG-RES	PV	126856	002 00101	184.16	9854/070713
				CONS-JUN'13					
				VISA CHRG-RES	PV	126856	003 00101	96.00	9854/070713
				CONS-JUN'13					
				VISA CHRG-RES	PV	126856	004 00101	300.00	9854/070713
				CONS-JUN'13					
				VISA CHRG-RES	PV	126856	005 00101	59.84	9854/070713
				CONS-JUN'13					
				VISA CHRG-RES	PV	126856	006 00101	258.00	9854/070713
				CONS-JUN'13					
				VISA CHRG-RES	PV	126856	007 00101	82.74	9854/070713
				CONS-JUN'13					
				VISA CHRG-	PV	126857	001 00751	91.19	1302/070713
				DEPT.MAINT-JU					
				N'13					
				VISA CHRG-	PV	126857	002 00751	79.35	1302/070713
				DEPT.MAINT-JU					
				N'13					
				VISA CHRG-	PV	126857	003 00751	341.70	1302/070713
				DEPT.MAINT-JU					
				N'13					
				VISA CHRG-	PV	126857	004 00751	26.47	1302/070713
				DEPT.MAINT-JU					
				N'13					
				VISA CHRG-	PV	126858	001 00751	348.74	8418/070713
				DEPT.OPNS-JUN					
				'13					
				VISA CHRG-	PV	126858	002 00751	299.60	8418/070713
				DEPT.OPNS-JUN					
				'13					
				VISA CHRG-	PV	126858	003 00751	23.97	8418/070713
				DEPT.OPNS-JUN					
				'13					
				VISA CHRG-	PV	126858	004 00751	86.70	8418/070713
				DEPT.OPNS-JUN					
				'13					
				VISA CHRG-	PV	126858	005 00751	25.00	8418/070713
				DEPT.OPNS-JUN					
				'13					

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	TY	Document Number	Key itm Co	Amount	Invoice Number
				VISA CHR- DEPT.OPNS-JUN '13	PV	126858	006 00751	255.06	8418/070713
				VISA CHRG-TAPIA	PV	126859	001 00701	43.50	6228/070713
				WTP-JUN'13	PV	126859	002 00701	124.60	6228/070713
				VISA CHRG-TAPIA	PV	126859	003 00701	256.71	6228/070713
				WTP-JUN'13	PV	126860	001 00101	414.74	8136/070713
				VISA CHRG-WTR	PV	126860	002 00101	348.46	8136/070713
				DIST#1-JUN'13	PV	126860	003 00101	180.15	8136/070713
				VISA CHRG-WTR	PV	126861	001 00701	14.86	8102/070713
				DIST#1-JUN'13	PV	126861	002 00701	155.00	8102/070713
				VISA CHRG-WTR	PV	126862	001 00701	183.94	9981/070713
				DIST#2-JUN'13	PV	126863	001 00701	475.00	0711/070713
				VISA CHRG-D.PEDERS EN-JUN'13	PV	126864	001 00751	558.85	7493/070713
				CHARG-B.STEIN	PV	126864	002 00751	58.79	7493/070713
				HARDT-JUN'13	PV	126864	003 00751	54.11	7493/070713
				VISA CHRG-WLK	PV	126864	001 00751	661.05	2738/070713
				WTP1-JUN'13	PV	126864	002 00751	3,332.54	8185/070713
				VISA CHRG-WLK	PV	126864	003 00751	190.90	8243/070713
				WTP1-JUN'13	PV	126870	001 00751		
				VISA CHRG-ADM	PV	126871	001 00701		
				OPNS-JUN'13	PV	126884	001 00701		
				VISA CHRG-FIN	PV	126884	001 00701		
				ADM#2-JUN'13	PV	126884	001 00701		
				VISA CHRG-D.LIPPMA N-JUN'13	PV	126884	001 00701		

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Itrm	Key Co	Amount	Invoice Number
				VISA	PV	126885	001	00701	28.00	7026/070713
			CHRG-G.PETERS							
			ON-JUN'13							
			Payment Amount					11,945.03		
63312	07/30/13	18916	BARCO PRODUCTS COMPANY	TRAFFIC BARRIER WHITE	PV	126853	001	00701	297.70	071300508
				FREIGHT	PV	126853	002	00701	228.09	071300508
			Payment Amount					525.79		
63313	07/30/13	18071	BLUE DIAMOND MATERIALS	AC 3/8 FINE PAVING MAT'L	PV	126804	001	00701	267.26	352888
				Payment Amount				267.26		
63314	07/30/13	5405	CALOLYMPIC SAFETY	RESPIRATOR, CARTRIDGE, MSA	PV	126805	001	00701	397.08	318045
				Payment Amount				397.08		
63315	07/30/13	2533	CITY OF AGOURA HILLS	1/2--6/7/13 ENCROACHMENT PERMIT	PV	126873	001	00101	3,808.00	1434
				Payment Amount				3,808.00		
63316	07/30/13	16821	CLEAN SWEEP SUPPLY CO., INC	MISC JANITORIAL SUPPLIES	PV	126846	001	00701	3,931.79	423057
				Payment Amount				3,931.79		
63317	07/30/13	16252	EATON CORPORATION	PRV MAINT TRANSFER SWITCH	PV	126875	001	00701	3,760.00	ELA6195
				Payment Amount				3,760.00		
			Alt Payee	EATON CORPORATION P. O. BOX 100193 PASADENA CA 91189-0193						
				Payment Amount				3,760.00		
63318	07/30/13	18441	EMPLOYEE RELATIONS NETWORK	PRE-EMPL BCKGRND-B.HER NANDEZ	PV	126851	001	00701	107.50	64194
				Payment Amount				107.50		
63319	07/30/13	2638	ENVIRONMENTAL RESOURCE ASSOC	MICROBE WS 204	PV	126797	001	00701	128.62	692026
				Payment Amount				128.62		
				FREIGHT	PV	126797	002	00701	39.23	692026
				MISC LAB	PV	126798	001	00701	322.64	692401

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Payment Number	Payment Date	Address Number	Name	Payment Stlub Message	Ty	Document Number	Key Item	Co	Amount	Invoice Number
63320	07/30/13	2658	FEDERAL EXPRESS CORP	SUPPLIES	PV	126798	004	00701	14.42	692401
				FREIGHT						
				Payment Amount					504.91	
				(1)PACKAGE	PV	126852	001	00701	361.57	2-341-87580
				DEL 7/12/13						
63321	07/30/13	6770	G.I. INDUSTRIES	Payment Amount	PV	126881	001	00701	443.16	2520723-0283-
				7/15/13-10YD						6
				ROLLOFF@TAPIA	PV	126882	001	00701	495.02	2650301-0283-
				7/15/13-10YD						3
				ROLLOFF@SHIP						
				BLDG						
				Payment Amount					938.18	436136
63322	07/30/13	2690	GIBBS INTERNATIONAL TRUCKS	Payment Amount	PV	126850	001	00701	572.60	
				#163 PM2						
				SERVICE						
				Payment Amount					572.60	967392403
63323	07/30/13	9646	GRAYBAR ELECTRIC CO.	Payment Amount	PV	126803	001	00701	2,756.77	
				REPR/UPDATE						
				PLC MODULES						
				Payment Amount					2,756.77	00590730
63324	07/30/13	4525	HARRINGTON INDUSTRIAL PLASTICS INC.	MISC INVENTORY ITEMS	PV	126806	001	00701	362.63	
				Payment Amount					362.63	
				Payment Amount					362.63	
63325	07/30/13	8304	IFM EFECTOR INC.	PRESSURE SWITCH	PV	126800	001	00701	456.71	20438949
				Payment Amount					456.71	
63326	07/30/13	3083	JCI JONES CHEMICALS, INC	SODIUM BISULFITE-425 8GAL	PV	126795	001	00701	5,790.88	587534
				Payment Amount					5,790.88	
				SODIUM HYPOCHLORITE-5085GAL	PV	126796	001	00701	2,959.32	587685
				Payment Amount					2,959.32	

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Alt Payee

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
13647			JCI JONES CHEMICALS, INC P.O. BOX 636877 CINCINNATI OH 45263-6877								
63327	07/30/13	5230	KENNEDY/JENKS CONSULTANTS	Payment Amount P/E 6/28/13@RLV 3RD DIGESTER	PV	126794	001	00701	8,750.20	35,109.00	74456
				DSGN:EMRG REPR CLBS	PV	126920	001	00701	13,409.71		74441
63328	07/30/13	18985	KIMLEY-HORN & ASSOCIATES, INC.	Payment Amount P/E 6/30/13-8" RW PIPELINE	PV	126874	001	00701	48,518.71	7,187.50	5232714
63329	07/30/13	2611	LA DWP	Payment Amount RECTIFIER 6/13-7/15/13 RECTIFIER 6/12-7/12/13	PV	126814	001	00101	7,187.50	35.55	09501/071513
63330	07/30/13	2789	LIEBERT CASSIDY WHITMORE	Payment Amount SRV P/E 6/30/13 RE-GENERAL SRV P/E 6/30/13 RE:EE	PV	126866	001	00701	75.41	892.00	167348
				DSPLN P/E 6/30/13 MGMT NEGOTIATION	PV	126867	001	00701	1,378.00		167350
63331	07/30/13	18872	MAC CHEVRON	Payment Amount REG.GAS CHRGS 7/01-7/15/13	PV	126848	001	00701	8,780.00	5,960.29	3000012
63332	07/30/13	18879	MALIBU CANYON SHELL	Payment Amount DIESEL GAS CHRGS 7/1-7/15/13	PV	126809	001	00701	5,960.29	531.27	1000011
63333	07/30/13	2814	MCMMASTER-CARR SUPPLY CO	Payment Amount 15" PIPE WRENCH JAWS ARE 15" PIPE	PV	126841	001	00701	531.27	691.17	55001585
					PV	126841	002	00701	156.02		55001585

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document . . .	Key	Amount	Invoice Number
Number	Date	Number			Number	Item Co		Number
				WRENCH JAWS				
			Alt Payee	ARE				
			3197 MC MASTER-CARR	FREIGHT	PV	126841 004 00701	10.54	55001585
			P. O. BOX 7690					
			CHICAGO IL 60680-7690					
				Payment Amount			857.73	
63334	07/30/13	2839	MOTION INDUSTRIES, INC.	OIL SEALS FOR	PV	126921 001 00701	30.03	CA22-564994
				WLK				
			Alt Payee					
			10317 MOTION INDUSTRIES INC.					
			FILE 749376					
			LOS ANGELES CA 90074					
				Payment Amount			30.03	
63335	07/30/13	2365	MSO TECHNOLOGIES	5/1-5/30/13	PV	126835 001 00701	1,080.00	4379
				CONST				
				MODIFCTN				
				5/1-6/30/13	PV	126847 001 00701	4,595.65	4408
				WLFP ANALYZER				
				Payment Amount			5,675.65	
63336	07/30/13	2842	NAPA AUTO PARTS	BED MAT COMBO	PV	126819 001 00701	234.88	652954
				FOR				
				VEH#896:714				
				FREIGHT FOR	PV	126820 001 00701	123.82	655211
				BED MATS				
				VEH#896				
				Payment Amount			358.70	
63337	07/30/13	16754	NATURAL SURROUNDINGS	7/13 INTERIOR	PV	126834 001 00701	235.00	5798
				PLANT MAINT				
				Payment Amount			235.00	
63338	07/30/13	2302	OFFICE DEPOT	STAMP SELF	PV	126836 001 00701	25.22	663699015001
				INK-E-SCHLAGE				
				TER				
				HP LASERJET	PV	126837 001 00701	269.18	663890727001
				PRO M1217MFW				
				TONER, HP 85A	PV	126838 001 00701	128.39	663973091001
				DUAL				
				MISC OFFICE	PV	126839 002 00701	160.20	664564431001
				SUPPLIES				
				COFFEE	PV	126840 001 00701	53.76	664565346001

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Payment Number	Payment Date	Name	Address Number	Payment Stub Message	Ty	Document Number	Key Item	Co	Amount	Invoice Number
SUPPLIES										
63339	07/30/13	TIRE MAN AGOURA	9505	4 NEW TIRES FOR VEH#858	PV	126825	001	00701	636.75 742.13	2025400
				4 NEW TIRES FOR VEH#890	PV	126826	001	00701	920.35	2025440
				2 NEW TIRES FOR VEH#811	PV	126844	001	00701	384.54	2025372
				4 NEW TIRES FOR VEH#860	PV	126845	001	00701	737.23	2025574
Payment Amount 2,784.25										
63340	07/30/13	VINCE BARNES AUTOMOTIVE	2436	VEHICLE MAINT#858	PV	126821	001	00701	463.07	019834
				VEHICLE MAINT#811	PV	126822	001	00701	889.65	019846
Payment Amount 1,352.72										
63341	07/30/13	VORTEX INDUSTRIES	3034	6/11~6/20 REPR WOOD	PV	126876	001	00701	1,300.66	01-751391-1A
				DOORS@OPNS REPR WOOD	PV	126877	001	00701	856.38	01-751391-1B
				DOORS@RLV	Payment Amount 2,157.04					
63342	07/30/13	VWR SCIENTIFIC	3035	MISC LAB SUPPLIES	PV	126816	001	00701	611.68	8054452488
				FREIGHT NED 259-LAB	PV	126816	003	00701	55.85	8054452488
				SUPPLIES FREIGHT	PV	126817	002	00701	159.36	8054455269
					PV	126817	003	00701	32.50	8054455269
Payment Amount 859.39										
63343	07/30/13	WECK LABORATORIES, INC.	18914	LAB SRV@WTR OPS DISTRIBUTION LAB SRV@WLK QTRLY LAB SRV@WLK RESV@MTHLY LAB SRV@WTR	PV	126828	001	00701	1,278.00	W3G0824-LV
					PV	126832	001	00701	53.00	W3G1618-LV
					PV	126833	001	00701	120.00	W3G1776-LV
					PV	126843	001	00701	760.00	W3G1874-LV

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key		Amount	Invoice Number
							Lim	Co		
OPS										
DISTRIBUTION										
				Payment Amount					2,211.00	
63344	07/30/13	3068	YSI	MISC LAB	PV	126823	001	00701	2,497.19	530652
				SUPPLIES						
				FREIGHT	PV	126823	007	00701	38.08	530652
				Payment Amount					2,535.27	
				Total Amount of Payments Written					131,859.32	
				Total Number of Payments Written					39	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
63345	08/06/13	17361	ACCURATE FIRST AID SERVICES	FIRST AID SUPPLIES @HQ	PV	126894	001	00701	192.00	5533
63346	08/06/13	8069	ADVENTURES IN ADVERTISING, LOS ANGELES	Payment Amount 2,000-LIP BALM W/SPF CLIP CAP FREIGHT	PV	126950	001	00701	1,199.00	LA26330
				Payment Amount					326.78	
63347	08/06/13	18132	AGROMIN PREMIUM SOIL PRODUCTS	Payment Amount 119YD COMPOST AMENDMENT	PV	126996	001	00701	1,428.00	0223655-IN
				Payment Amount					1,271.94	
				103YD COMPOST AMENDMENT	PV	126897	001	00701	1,236.00	0223566-IN
				115YD COMPOST AMENDMENT	PV	126898	001	00701	1,380.00	0223595-IN
				114YD COMPOST AMENDMENT	PV	126901	001	00701	1,368.00	0223698-IN
				112YD COMPOST AMENDMENT	PV	126902	001	00701	1,344.00	0223723-IN
				56YD COMPOST AMENDMENT	PV	126984	001	00701	672.00	0223697-IN
				56YD COMPOST AMENDMENT	PV	126985	001	00701	672.00	0223722-IN
63348	08/06/13	18647	AMTECH ELEVATOR SERVICES	Payment Amount 8/1-10/31/13 ELEVATOR SRV	PV	126978	001	00701	772.47	DVA09741813
				Payment Amount					8,100.00	
63349	08/06/13	18955	ARGO CHEMICAL INC.	Payment Amount AMMONIUM HYDROXIDE-9.9 00LB	PV	126953	001	00701	1,613.25	1307028
63350	08/06/13	9271	ARMORCAST PRODUCTS CO.	Payment Amount MISC INVENTORY ITEMS	PV	126999	001	00701	6,814.56	0148359-IN
				Payment Amount					1,613.25	
				Payment Amount					6,814.56	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document	Key	Amount	Invoice Number
63351	08/06/13	2869	AT&T	SRV	126928	001 00701	225.90	0119/072213
				7/22~8/21/13				
				SRV			44.90	2150/072013
				7/20~8/19/13				
				SRV			44.90	7426/072313
				7/23~8/22/13				
				SRV			44.90	5368/072313
				7/23~8/22/13				
				G.PETERSON			48.53	1984/072313
				7/23~8/22/13				
				SRV			46.42	2430/072313
				7/23~8/22/13				
				SRV			111.42	0210/072313
				7/23~8/22/13				
				Payment Amount		566.97		
63352	08/06/13	15635	BRENNTAG PACIFIC, INC.	(2) AMMONIA TOES	126892	001 00701	2,287.87	BPI 326081
				(2) AMMONIA TOES			1,600.00	BPI 326081
				SERIAL CONTAINER RETURN			1,550.00	BPI182499
				Payment Amount		2,337.87		
63353	08/06/13	18944	BTC LABS - VERTICAL V	1335' BCKBN IMPR CLBS PIPELINE	126849	001 00701	402.50	000010754
				Payment Amount		402.50		
63354	08/06/13	5376	CALIFORNIA ELECTRIC SUPPLY	CLR BT28MOG MH LAMP	126891	001 00701	359.70	8997-418152
				Payment Amount		359.70		
				5451 CALIFORNIA ELECTRIC SUPPLY P.O. BOX 14196 ORANGE CA 92863				
63355	08/06/13	5405	CALOLYMPIC SAFETY	RESPIRATOR, SURVIVAIR, HALF	126925	001 00701	76.74	317994-2
				Payment Amount		76.74		
63356	08/06/13	2513	CAPCO ANALYTICAL	7/13 DIGESTER GAS TEST	126977	001 00701	366.25	132162
				Payment Amount		366.25		

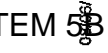
ITEM 5B

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Itm	Key Co	Amount	Invoice Number
SERVICES										
63357	08/06/13	2536	CITY OF LOS ANGELES	Payment Amount RENTAL EL CANON 4/1/12-3/31/1 3	PV	126987	001	00130	366.25 13,912.56	74 WP140000011
63358	08/06/13	8213	DATAMATIC, LTD.	Payment Amount 9/13 MTR READING MAINT	PV	126981	001	00701	13,912.56 558.72	CA-0000024571
63359	08/06/13	11330	DIAL SECURITY	Payment Amount 8/13 SECURITY SRV@HQ & LOBBY	PV	126971	001	00701	558.72 278.00	200953
				8/13 SECURITY SRV@TAPIA	PV	126972	001	00701	45.00	200954
				8/13 SECURITY SRV@RLV FARM	PV	126973	001	00701	35.00	200956
				8/13 SECURITY SRV@MLK	PV	126974	001	00701	70.00	200957
				8/13 SECURITY SRV@MLK P/S	PV	126975	001	00701	35.00	200958
				8/13 SECURITY SRV@RLV	PV	126982	001	00701	80.00	200955
63360	08/06/13	2638	ENVIRONMENTAL RESOURCE ASSOC	Payment Amount LAB CERT STANDARDS	PV	126890	001	00701	543.00 219.09	693201
				FREIGHT	PV	126890	003	00701	14.42	693201
63361	08/06/13	16931	ENVIRONMENTAL SCIENCE ASSOCIATES	Payment Amount 5/1-6/30/13 MNTRG RE-VEG	PV	126951	001	00701	233.51 2,405.53	103607
63362	08/06/13	2654	FAMCON PIPE	Payment Amount PRESSURE REGULATOR, 1"	PV	127000	001	00701	2,405.53 539.55	151394
63363	08/06/13	2701	GRAINGER, INC.	Payment Amount RUBBERMAID CART	PV	126903	001	00701	539.55 221.43	9183898890

Alt Payee 5453 GRAINGER, INC.
DEPT 805178142



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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
Number	Date	Number	Name	Message		Number	ltm Co		Number
PALATINE IL 60038-0001									
63364	08/06/13	15755	HD SUPPLY WATERWORKS, LTD.	GAUGE 1/4" X 2.0 0-200 PSI	PV	126927	001 00701	680.71	B118796
Payment Amount 221.43									
All Payee 15948 HD SUPPLY WATERWORKS, LTD FILE #56214									
LOS ANGELES CA 90074-6214									
63365	08/06/13	18646	HDR ENGINEERING, INC.	P/E 6/29/13-CPS FOR 18" REW CP	PV	126934	001 00701	1,389.70	00090519-B
Payment Amount 680.71									
63366	08/06/13	8304	IFM EFECTOR INC.	P/E 6/29/13-CLBS TNK REHAB	PV	126952	001 00701	9,501.33	00092062-B
Payment Amount 10,891.03									
63367	08/06/13	4144	INTERSTATE BATTERY SYSTEMS	PRESSURE SWITCH TRANSMITTER	PV	126923	001 00701	456.71	20443128
Payment Amount 456.71									
63368	08/06/13	2997	J G TUCKER & SONS	CALIBRATION GAS, 25 PPM NH3	PV	126926	001 00701	860.09	00080641
Payment Amount 449.10									
63369	08/06/13	3063	JCI JONES CHEMICALS, INC	SODIUM HYPOCHLORITE-5036GAL	PV	126886	001 00701	2,930.80	588106
Payment Amount 860.09									
SODIUM BISULFITE-424 7GAL									
SODIUM HYPOCHLORITE-4996GAL									
SODIUM HYPOCHLORITE-588326									
SODIUM HYPOCHLORITE-588441									
SODIUM HYPOCHLORITE-588445									

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Number	Key	Item	Co	Amount	Invoice Number
4903GAL											
		Alt Payee	13647 JCI JONES CHEMICALS, INC P.O. BOX 636877 CINCINNATI OH 45263-6877								
63370	08/06/13	2752	KAMAN INDUSTRIAL TECHNOLOGIES	Payment Amount	PV	126904	001	00701	14,467.64	872.00	0651771
				BIO-CIRCLE							
				L-208LAVAR							
				LOCATION							
				BIO-CIRCLE							
				L-208LAVAR							
				LOCATION							
				BIO-CIRCLE							
				L-208LAVAR							
				LOCATION							
				Payment Amount							
63371	08/06/13	5230	KENNEDY/HENKS CONSULTANTS	P/E	PV	126986	001	00701	1,744.00	5,554.90	74458
				6/28/13-CLBS							
				PIPELINE							
				Payment Amount							
63372	08/06/13	14064	KLEE ASSOCIATES	JDETIPS	PV	126989	001	00701	5,554.90	314.00	15583
				JOURNAL							
				SUBSCRIPTION							
				Payment Amount							
63373	08/06/13	2611	LA DWP	TWMN LAKES	PV	126931	001	00101	314.00	9,554.92	22930/071213
				6/12~7/12/13							
				RECTIFER							
				6/24~7/24/13							
				RECTIFER							
				6/21~7/23/13							
				Payment Amount							
63374	08/06/13	3352	LAS VIRGENES MUNICIPAL WATER DISTRICT	L/S#1 SEWER	PV	126906	001	00130	9,631.47	46.33	1775/071013
				5/9~7/10/13							
				L/S#2 SEWER							
				5/9~7/10/13							
				BLDG#2-05/7~7							
				/8/13							
				BLDG#7-05/7~7							
				/8/13							

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
63375	08/06/13	3483	DAVID LIPPMAN	BLDG#2-05/7-7 /8/13	PV	126910	001	00701	15.00	2654/070813
				HQ BLDG#1 5/7-7/8/13	PV	126912	001	00101	410.84	2620/070813
				HQ BLDG#8-05/7-7 /8/13	PV	126913	001	00701	420.74	2647/070813
				HQ FIRE PROTCN 5/7-7/8/13	PV	126914	001	00701	15.00	2650/070813
				TAPIA PLNT 5/7-7/8/13	PV	126915	001	00751	601.11	1760/070813
				RLV PLNT 5/7/13-7/8/13	PV	126916	001	00751	1,002.78	2090/070813
				RLV FARM 5/7/13-7/8/13	PV	126917	001	00751	119.58	2080/070813
				Payment Amount				4,272.83		
				REIMB MLG-RE:MTG@MW D 7/25/13	PV	127011	001	00701	14.69	072513
				REIMB CELL PHONE B/P 6/4-7/3	PV	127020	001	00701	69.22	7898/070713
				Payment Amount				83.91		
				8/23-9/22/13 PSTG MACHINE RNTL	PV	126955	001	00701	411.41	H4108627
				Payment Amount				411.41		
				INDEP WRKPLC INVESTIGATN	PV	127012	001	00701	13,619.30	10032
				Payment Amount				13,619.30		
				CLEAN OUT DRAIN PIPE@WLK RESV	PV	126998	001	00701	225.00	29155
				Payment Amount				225.00		
				MISC OFFICE SUPPLIES RECEIPT MACHINE TAPE-CS FY FILE	PV	126935	001	00701	272.52	666647499001
				Payment Amount				272.52		
				OFFICE DEPOT	PV	126936	001	00701	83.06	667121119001
				Payment Amount				83.06		
				OAKS DRAIN SERVICE	PV	17411			225.00	29155
				Payment Amount				225.00		
				MILLER & LYONS, PC	PV	18991			13,619.30	10032
				Payment Amount				13,619.30		
				MAILFINANCE	PV	17295			411.41	H4108627
				Payment Amount				83.91		
				OFFICE DEPOT	PV	2302			272.52	666647499001
				Payment Amount				272.52		
				RECEIPT MACHINE TAPE-CS FY FILE	PV	126937	001	00701	313.97	667297623001
				Payment Amount				313.97		

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
				SET-UP							
				HOLDER DOC	PV	126938	001	00701		27.46	668375382001
				MONITR							
				CUSHION SEAT	PV	126939	001	00701		29.96	668374149001
				MEMORY FOAM							
				WRISTWREST	PV	126940	001	00701		13.48	668375380001
				GEL COMPACT							
				REST WRIST	PV	126941	001	00701		9.44	668375381001
				GEL BLACK							
				LIPTON TEA	PV	126945	001	00701		7.64	668381136001
				BAGS							
				MISC COFFEE	PV	126946	001	00701		130.53	668380572001
				SUPPLIES							
				MISC OFFICE	PV	126947	001	00701		120.27	668383543001
				SUPPLIES							
				MISC OFFICE	PV	126948	001	00701		59.32	668378141001
				SUPPLIES							
				Payment Amount						1,067.65	
63380	08/06/13	6609	R. A. LUCAS CO./WORKAREA PROTECTION	TRAFFIC CONE, 28" ORANGE 7 LB	PV	126954	001	00701		849.32	12782
			Alt Payee	15993 WORKAREA PROTECTION CORP. C/O R.A. LUCAS CO., INC. P. O. BOX 62875							
63381	08/06/13	2958	SOUTHERN CALIFORNIA GAS CO	CONDUIT P/S-6/21~7/23 /13	PV	126933	001	00101		15.78	8400/072313
				Payment Amount						849.32	
63382	08/06/13	16132	V3	PSTG FOR MAILING	PV	126997	001	00701		8,000.00	318/072613
				Payment Amount						15.78	
63383	08/06/13	4587	VERTEX INC.	BILLS/NOTICES Payment Amount P/R TAX SERIES 9/1/13--8/31/1 4	PV	126983	001	00701		3,684.20	4098793
				Payment Amount						8,000.00	
63384	08/06/13	3025	WATER & SANITATION	PURCH WTR 6/18/13--7/16/	PV	126930	001	00101		23,645.99	741714
				Payment Amount						3,684.20	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
...
SRV/AVENTURA COUNTY									
63385	09/06/13	3042	WATER EDUCATION FOUNDATION	Payment Amount LPG CALIFORNIA WASTEWATER	PV	126956	001 00701	23,645.99 181.68	25133
63386	09/06/13	3057	XEROX CORPORATION	Payment Amount D95CPC-2ND FL/PMT#15-JUN '13 D95CPC-1ST FL/PMT#15-JUN '13 WCP123-WLK/MT R USG3/30-6/30/13 WCP123-RLV/MT R USG3/21-6/30/13 W5645P@TAPIA/PMT#52-JUN'13 XC560 CLR/PMT#30-JU N'13 X560 EFI FIERY/PMT#30-JUN'13	PV	127013	001 00701	181.68 651.73 683.91 4.23 31.39 445.72 1,098.14 192.02	068834903 068834902 068834900 068834924 068834904 068834907 068834906
							3,107.14		
Total Amount of Payments Written							145,637.19		
Total Number of Payments Written							42		

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key lfm	Co	Amount	Invoice Number
63387	08/13/13	8680	ADS, LLC	7/13 ADS FLW MNTNRG	PV	127024	001	00701	673.14	12780.22-0713
				PW/SANI						
				7/13 ADS FLW MNTNRG	PV	127024	002	00701	2,019.44	12780.22-0713
				PW/SANI						
				Payment Amount					2,692.58	
63388	08/13/13	17396	ALL STAR FENCE & CONCRETE	INSTALL CATCH FENCE@TAPIA	PV	127007	001	00701	2,895.00	7-18-2013
				Payment Amount					2,895.00	
63389	08/13/13	5753	AMERICAN PUBLIC WORKS ASSOCIATION	APWA MMBSHP/PEDERS EN & LIPPMAN	PV	126963	001	00701	304.00	134152/13-14
				Payment Amount					304.00	
63390	08/13/13	5625	ASSOC. OF WATER AGENCIES OF VENTURA CO	AWA SPONSORSHIP REAGAN LIBR 9/26	PV	127033	001	00701	1,000.00	092613/REAGAN
				Payment Amount					1,000.00	
63391	08/13/13	3319	BLOIS CONSTRUCTION, INC.	PRG PMT#1-10"MAIN @CLBS RD	PV	127028	001	00701	99,834.55	10535/#1
				5% RETENTION ON PMT#1	PD	127029	001	00301	4,991.73-	10535/RTN#1
				Payment Amount					94,842.82	
63392	08/13/13	2533	CITY OF AGOURA HILLS	REYES ADOBE DAY 10/4--10/6/13	PV	125960	001	00701	1,000.00	10-04-13
				Payment Amount					1,000.00	
63393	08/13/13	2536	CITY OF LOS ANGELES	SEWAGE CHRGR 13/14 O&M-1ST INST	PV	127031	001	00130	10,576.00	74WP140000026 /1
				SEWAGE CHRGR 13/14	PV	127032	001	00130	7,777.00	74WP140000027 /1
				CAPITAL-1ST						
				Payment Amount					18,353.00	
63394	08/13/13	15396	CORDELL ELECTRIC	NEW LIGHT FIXTURE IN GARAGE@HQ	PV	127003	001	00701	669.00	48021
				Payment Amount					669.00	

ITEM 5B

Las Virgenes Municipal Water
 A/P Auto Payment Register

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
63395	08/13/13	3790	COUNTY OF LA -AUDITOR CONTROLLER	LAFCO ALLOCATION FY 2013-2014	PV	126965	001	00701		13,405.39	LAFCO/13-14
				Payment Amount						13,405.39	
63396	08/13/13	18976	DANIEL SO CAL HOUSING	REFD BAL CLOSED A/C	PV	126957	001	00101		22.12	3060185A
				Payment Amount						22.12	
63397	08/13/13	3515	DWYER INSTRUMENTS, INC.	SUBMERSIBLE LEVEL TRANSMITTER	PV	127008	001	00701		288.80	03609163
				Payment Amount						288.80	
63398	08/13/13	2701	GRAINGER, INC.	FREIGHT SIDE MOUNT TOOL & CROX BOX	PV	127008	002	00701		17.85	03609163
				Payment Amount						306.65	
				Payment Amount						1,144.50	9191206474
				Payment Amount						5,032.53	9186275773
				Payment Amount						2,617.74	9190482720
				Payment Amount						310.78	9188280318
				Payment Amount						9,105.55	QTE0014564
63399	08/13/13	5402	INMAGIC CANADA SOFTWARE	9/1/13-8/31/1 4 DB/TEXT FOR SQL	PV	127004	001	00701		2,500.00	
				Payment Amount						2,500.00	
63400	08/13/13	3063	JCI JONES CHEMICALS, INC	SODIUM HYPOCHLORITE- 4980GAL SODIUM HYPOCHLORITE- 5019GAL	PV	127005	001	00701		2,898.21	589132
				Payment Amount						2,898.21	
				Payment Amount						2,920.91	589322
				Payment Amount						5,819.12	

ITEM 5B

Batch Number - 225215
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key ltm	Co	Amount	Invoice Number
63401	08/13/13	2610	LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS	8/23/13~8/22/14 WASTE INSPECTN	PV	126865	001	00701	298.00	P000325695/06 2713
63402	08/13/13	18872	MAC CHEVRON	REG.GAS CHRGS 7/16~7/31/13	PV	127058	001	00701	7,114.97	3000013
63403	08/13/13	18879	MALIBU CANYON SHELL	DIESEL GAS CHRGS 7/16~7/31/13	PV	127057	001	00701	724.90	1000012
63404	08/13/13	2365	MSO TECHNOLOGIES	P/E 6/30/13~WLFP MODIFICATION	PV	126988	001	00701	1,890.00	4409
63405	08/13/13	3139	MUNICIPAL WATER DISTRICT-ORAN GE COUNTY	P/E 6/30/13~SCADA SYST UPGRADE	PV	126990	001	00701	2,767.50	4410
63406	08/13/13	18874	PACIFIC HYDROTECH CORPORATION	STRATEGIC CONSULT ON MWD 7/13~	PV	126964	001	00701	7,500.00	14586
63407	08/13/13	18874	PACIFIC HYDROTECH CORPORATION	PROG PMT#3-3RD DIGESTER PE6/24	PV	127001	001	00701	331,378.09	10487/#3
63408	08/13/13	2959	STATE WATER RESOURCES CONTROL BOARD	5% RETENTION ON PMT#3	PD	127002	001	00754	16,568.90-	10487/RTN#3
63409	08/13/13	14479	STEPHEN'S VIDEO PRODUCTIONS	FEE-WDID/CLBS PIPELINE	PV	126966	001	00301	505.00	439265
63409	08/13/13	18810	UNIFIRST CORPORATION	VIDEO TAPING 7/9 & 7/23/13	PV	127054	001	00701	1,090.00	7-26-13
63409	08/13/13	18810	UNIFIRST CORPORATION	Payment Amount 7/13 UNIFORM MATS&TWLS@TAP	PV	127035	001	00701	45.72	585321

ITEM 5B

Batch Number - 225215
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Co	Amount	Invoice Number
			IA							
			7/13 UNIFORM		PV	127035	002	00701	47.10	585321
			MATS&TWLS@TAP							
			IA							
			7/13 UNIFORM		PV	127036	001	00701	45.72	586557
			MATS&TWLS@TAP							
			IA							
			7/13 UNIFORM		PV	127036	002	00701	19.10	586557
			MATS&TWLS@TAP							
			IA							
			7/13 UNIFORM		PV	127037	001	00701	45.72	587807
			MATS&TWLS@TAP							
			IA							
			7/13 UNIFORM		PV	127037	002	00701	47.10	587807
			MATS&TWLS@TAP							
			IA							
			7/13 UNIFORM		PV	127038	001	00701	45.72	589069
			MATS&TWLS@TAP							
			IA							
			7/13 UNIFORM		PV	127038	002	00701	19.10	589069
			MATS&TWLS@TAP							
			IA							
			7/13 UNIFORM		PV	127039	001	00701	13.88	585320
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127039	002	00701	19.40	585320
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127040	001	00701	13.88	586556
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127040	002	00701	6.40	586556
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127041	001	00701	13.88	587806
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127041	002	00701	19.40	587806
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127042	001	00701	13.88	589068
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127042	002	00701	6.40	589068
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127043	001	00701	225.04	585323
			MATS&TWLS@WLK							
			7/13 UNIFORM		PV	127043	001	00701	182.88	586559
			MATS&TWLS@HQ							
			7/13 UNIFORM							

Batch Number - 225215
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Ltrm	Co	Amount	Invoice Number
				MATS&TWLS@HQ	PV	127045	001	00701	227.18	587809
				7/13 UNIFORM	PV	127046	001	00701	180.74	589071
				MATS&TWLS@HQ	PV	127047	001	00701	20.34	585322
				7/13 UNIFORM	PV	127047	002	00701	32.30	585322
				MATS&TWLS@RLV	PV	127048	001	00701	20.34	586558
				7/13 UNIFORM	PV	127048	002	00701	20.80	586558
				MATS&TWLS@RLV	PV	127049	001	00701	20.34	587808
				7/13 UNIFORM	PV	127049	002	00701	32.30	587808
				MATS&TWLS@RLV	PV	127050	001	00701	20.34	589070
				7/13 UNIFORM	PV	127050	002	00701	20.80	589070
				MATS&TWLS@RLV						
				Payment Amount					1,425.80	
63410	08/13/13	2780	VALLEY NEWS GROUP	AD:WTRSHED	PV	126961	001	00751	280.00	7-19
				TOUR & FOG 8/3	PV	126962	001	00301	120.00	7-12
				AD:WTR SYST	PV	127034	001	00751	160.00	7-26
				IMPRV 7/11/13	PV	127034	002	00751	445.00	7-26
				ADS:WTRSHED& GARDEN CLASS	PV	127034	002	00751	445.00	7-26
				7/25						
				ADS:WTRSHED& GARDEN CLASS	PV	127034	002	00751	445.00	7-26
				7/25						
				Payment Amount					1,005.00	
63411	08/13/13	2436	VINCE BARNES AUTOMOTIVE	VEHICLE	PV	126969	001	00701	310.10	019850
				MAINT#823	PV	126970	001	00701	317.23	019856
				VEHICLE	PV	126970	001	00701	317.23	019856
				MAINT#830						
				Payment Amount					627.33	
63412	08/13/13	18989	VITUS MATARE & ASSOCIATES INC.	REFD DEPOSIT	PV	126958	001	00101	1,218.54	9997757
				ON CLOSED A/C						

Batch Number - 225215
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Slub Message	Document Ty	Document Number	Key Itm	Key Co	Amount	Invoice Number
63413	08/13/13	3109	W. LITTEN	SRV 7/7-7/13/13 RANCHO	PV	127051	001	00701	6,325.90	0320262
				SRV 7/14-7/20/13 RANCHO	PV	127052	001	00701	6,487.65	0320263
				SRV 7/21-7/27/13 RANCHO	PV	127053	001	00701	6,501.35	0320264
				Payment Amount					1,218.54	
63414	08/13/13	18988	JOHN WALLACE	REFD-BAL ON OPEN A/C	PV	126959	001	00101	991.20	1080440
				Payment Amount					991.20	
63415	08/13/13	3048	WEST COAST AIR CONDITIONING	PRV MAINT@BLDG#7	PV	126967	001	00701	240.00	S50047
				7/13 PRV MAINT@BLDG8;	PV	126968	001	00701	395.00	S50095
				7						
				Payment Amount					635.00	
63416	08/13/13	3070	ZEP MFG	MISC STORAGE ITEMS	PV	127055	001	00701	787.10	9000408758
				FREIGHT	PV	127055	005	00701	44.57	9000408758
			Alt Payee 6458 ZEP MFG							
			FILE 50188							
			LOS ANGELES CA 90074-0188							
				Payment Amount					831.67	
63417	08/13/13	18922	1ST ENTERPRISE BANK	RTN#3/RLV 3RD DIGESTER	PV	127056	001	00754	16,568.90	10487/RTN#3
				Payment Amount					16,568.90	
				Total Amount of Payments Written					532,223.13	
				Total Number of Payments Written					31	

August 5, 2013

To: Payroll

From: David Pedersen, General Manager



Subject: Per Diem Request
July 2013

Attached are the director statements of attendance for meetings, conferences and miscellaneous functions, which are summarized in the table below. If you have any questions please contact Kimmey Conklin.

At the meeting of 02/26/2008 the Board voted 5-0 to amend the daily per diem to:

- \$200.00 effective February 27, 2008
- January 26, 2010 during the annual review of compensation, the Board opted for the per diem to remain at \$200 and requested a per diem survey be completed along with the next employee compensation study.

Name	Meeting Attendance	Rate	Total
Charles Caspary	3	200.00	600.00
Glen Peterson* LVMWD – 4 MWD – 6	10	200.00	2,000.00
Leonard Polan	3	200.00	600.00
Lee Renger	4	200.00	800.00
Barry Steinhardt	3	200.00	600.00

Thank you.

Article 4, 2-2.401(a) “not exceeding a total of ten (10) days in any calendar month”

*Article 4, 2-2.401(b) MWD director “not exceeding a total of (10) days in any calendar month.”

Charles Caspary
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302
Fax: 818-251-2149

DATE: Aug. 5, 2013

TO: Linda Casey, Las Virgenes Municipal Water District
Kimmey Conklin, Las Virgenes Municipal Water District

FROM: Charles Caspary
LVMWD Director, Division 1

SUBJECT: **Meeting Attendance Per Diem Request**

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date	Description
<u>7/1/13</u>	<u>LV-TSD JPA Bd Mtg.</u>
<u>7/9/13</u>	<u>LVMWD - Regular Bd Mtg.</u>
<u>7/23/13</u>	<u>LVMWD - Regular Bd Mtg.</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

(Signed)

Charles Caspary
Charles Caspary

Glen Peterson
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302
Fax: 818-251-2149

DATE: July 2013
TO: Kimmey Conklin, Executive Assistant/Clerk of the Board
FROM: Glen Peterson
LVMWD Director, Division 2
SUBJECT: **Meeting Attendance Per Diem Request**

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date	Description
<u>1</u>	LV JPA Hwy
<u>5</u>	MD Northern Cal
<u>8</u>	MD Committee
<u>9</u>	MD/JW Board + Board
<u>16</u>	MD Pre Hwy Bay Delta
<u>22</u>	MD Meet on Dr. Fowdy's Ranch
<u>23</u>	MD/JW Board + Committee
<u>30-31</u>	MD Northern California Prudhoe
<u>25</u>	LV STOKES CYN SITE VISIT

(Signed)


Glen Peterson

LV = 4
MWD = $\frac{6}{10}$

Lee Renger
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302
Fax: 818-251-2149

DATE: 7-23-13

TO: Kimmey Conklin, Executive Assistant/Clerk of the Board

FROM: Lee Renger
LVMWD Director, Division 3

SUBJECT: **Meeting Attendance Per Diem Request**

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended.

Date	Description
<u>7-1</u>	<u>JPA Bd Mtg</u>
<u>7-9</u>	<u>LVMWD " "</u>
<u>7-23</u>	<u>" " "</u>
<u>7-25</u>	<u>R.W. Reservoir Site Tour</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
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<u> </u>	<u> </u>
<u> </u>	<u> </u>

(4)

(Signed) Lee Renger
Lee Renger

✓



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject: 5-Million-Gallon Tank: Follow-up on Alternatives to Address Storage Deficiency

SUMMARY:

Staff proposes to review the results of the July 9th Board meeting discussion of nine alternatives to address the District's water storage deficiency and facilitate a process to rank the remaining alternatives.

RECOMMENDATION(S):

Consider alternatives to address the storage deficiency in the western portion of the District's potable water system, identify the alternatives that best address the storage deficiency, rank the identified alternatives, and direct staff to proceed accordingly.

DISCUSSION:

Background:

On June 25, 2013, staff provided a report to the Board summarizing alternatives to address the water storage deficiency in the western portion of the District's potable water system in response to direction from the Board President. The report included 44 potential alternatives, consisting of those previously suggested and new ideas submitted by staff, Board Members, consultants and customers. At the Board meeting, one more alternative was added for a total of 45 that were reviewed and selected from for screening using criteria suggested by staff.

Nine alternatives were selected by Board Members for inclusion in the screening process, which was conducted during the Board meeting. Based on the preliminary screening process, staff was directed to provide a follow-up report to the Board on nine alternatives identified for further discussion. The follow-up report was provided and reviewed with the Board on July 9th. At the Board meeting, four alternatives were eliminated from further consideration because they did not adequately address the storage deficiency. Additionally, three alternatives were deemed to be necessary irrespective of the actions to address the storage deficiency.

Table A provides a summary of the nine alternatives, including annotations to indicate those that were eliminated from further consideration (18b, 23, 20a, and 20b) and those deemed to be necessary irrespective of other actions (18a, 21, and 31). Table B provides a summary of the remaining alternatives (1 and 17) with the addition of Alternative 46, representing "no additional action" beyond those already deemed to be necessary, for a total of three alternatives.

Process to Rank Remaining Alternatives:

Staff proposes the Board follow a two-round process to rank the three alternatives. For the first round, each Board Member would cast two votes, one for each of his two preferred alternatives. The alternative with the least number of votes would be ranked as third. For the second round, each Board Member would cast one vote for his preferred alternative. The alternative with the most votes would be ranked as first and the one with the least votes as second.

Call for Suggestions: Alternatives to 5-Million-Gallon Tank:

On July 24, 2013, the Board approved a "Call for Suggestions" to solicit creative, out-of-the box ideas that may serve as alternatives to a 5-million-gallon tank. Staff initiated the Call for Suggestions on July 29th with a press release, advertisements in local newspapers and a posting on the District's website. Additionally, the General Manager sent letters to 14 different colleges and universities to encourage faculty and students to participate in the process.

The deadline for submission of alternatives is 5:00 p.m. on September 6th. Shortly thereafter, a five-member judging panel will evaluate the submissions and select the first, second and third place entries. The individuals who submit the first, second and third place entries will be recognized at the September 24th Board meeting. At that time, staff will provide the Board with copies of all the entries for consideration of those that may warrant further consideration.

Prepared By: David W. Pedersen, General Manager

ATTACHMENTS:

[Table A - Summary of Nine Alternatives](#)

[Table B - Summary of Three Alternatives](#)

Table A - Follow-up on Alternatives to Address Storage Deficiency

Screening Criteria							
Alternative	Mandatory Customer Action Required?	Public Concern or Opposition Expected?	Sustainable? (i.e. produces on-going results)	Meets regulatory requirements for MDD + FF?	Cost (relative to \$9M)	Feasible for Implementation?	
1	Tank at Site A	N	Y	Y	\$9M	Y	
17	Install bladder in LV Reservoir for treated water	N	Maybe	Unknown	High	N	
18a	Voluntary Expanded Water Conservation	N	N	N	Low	Y	
18b	Mandatory Expanded Water Conservation	Y	Maybe	N	Low	Y	
23	Moratorium on new meters (west end)	N	N	N	LOW	N	
20a	Voluntary Irrigation Shutoff Controller	N	N	N	Med	Y	
20b	Mandatory Irrigation Shutoff Controller	Y	Maybe	Y	High	N	
21	Expand Conservation Rebates	N	N	N	High	Y	
31	CMWD Connection	N	Maybe	Maybe	Med	Y	

Proceed with 18a, 21, & 31 irrespective of other actions.

Table B - Follow-up on Alternatives to Address Storage Deficiency

Screening Criteria							
Alternative	Mandatory Customer Action Required?	Public Concern or Opposition Expected?	Sustainable? (i.e. produces on-going results)	Meets regulatory requirements for MDD + FF?	Cost (relative to \$9M)	Feasible for Implementation?	
1	Tank at Site A	Y	Y	Y	\$9M	Y	
17	Install bladder in LV Reservoir for treated water	Maybe	N	Unknown	High	N	
46	No additional action	N/A	N/A	N/A	N/A	N/A	



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject: Calabasas Road 10-inch Water Main Repair and Replacement: Continuation of Emergency Authorization

SUMMARY:

On May 14, May 29, June 11, June 25 and July 9, 2013, the Board of Directors, by unanimous vote, authorized the General Manager to take emergency action to replace approximately 1,500 feet of deteriorated 10-inch water main on Calabasas Road following informal bidding procedures in an amount not to exceed \$700,000. Section 2-5-502 of the Las Virgenes Municipal Water District Code establishes that, at each subsequent regular meeting, the Board shall determine by 4/5's vote whether to continue the emergency authorization.

On July 23, 2013, Director of Facilities and Operations Lippman provided an update on the project: Blois Construction began repairs the previous week, the contractor installed an isolation valve for the repair area, and repairs are expected to be completed by the end of August. Upon completion of the update, the Board of Directors, by unanimous vote, approved continuation of the emergency authorization.

RECOMMENDATION(S):

Approve continuation of the emergency authorization for the General Manager to replace approximately 1,500 feet of deteriorated 10-inch water main on Calabasas Road following informal bidding procedures in an amount not to exceed \$700,000.

FINANCIAL IMPACT:

The Board of Directors previously authorized the work in an amount not to exceed \$700,000.

DISCUSSION:

Las Virgenes Municipal Water District Code Section 2-5-502 - Emergencies:

(b) "When a meeting of the Board can be commenced in a timely manner to authorize emergency action, by a 4/5's vote, the Board may authorize procurement of good and services without formal bids, informal bids, or requests for proposal. Such authorization shall be based on substantial evidence set forth in the minutes of the meeting that the emergency will not permit delay and action is necessary to respond to the emergency. Until the emergency subsides or the work is complete, at each subsequent regular meeting the Board shall determine by 4/5's vote whether to continue or terminate the authorization for emergency."

Prepared By: Kimmey Conklin, Executive Assistant/Clerk of the Board



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Claim by Vista Pointe Homeowners Association

SUMMARY:

On July 2, 2013, the District received a claim from Vista Pointe Homeowners Association for damages to recently refurbished pony walls near 24608 Palermo Drive in Calabasas. The claimant alleges that the walls were damaged by leaky District-owned water mains and required repairs in the amount of \$3,120.

Based on an investigation of the claim, staff determined that the District repaired a water service running from the main to the meter across the street from the damaged area. However, the repair was made in the sidewalk on the opposite side of the street and, therefore, could not have caused damages to the walls. The District has no record of a leak on a District-owned water main or service in the immediate vicinity of the damaged walls. Staff discussed its findings with the claimant.

District Counsel has reviewed the claim and concurs with staff's recommendation to deny the claim.

RECOMMENDATION(S):

Deny the claim from Vista Pointe Homeowners Association.

Prepared By: Sandra Hicks, Director of Finance and Administration

ATTACHMENTS:

[Vista Point HOA Claim](#)



Claim Against Las Virgenes Municipal Water District
Government Code Sections 910 and 910.4


Mail or Deliver To: Executive Clerk of the Board
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

Name of claimant: Vista Pointe Home Owners Association

Address/location of accident or occurrence:
24608 Palermo Drive, Calabasas, Ca91302

Address to where replies/notices should be sent (if different from the above):

AS ABOVE

Telephone numbers: Home () _____; Work 

Please answer the following questions. If more space is required, please attach additional sheets. Make sure to reference the item number and sign and date the additions.

1. When did damage or injury occur? (Give exact date and hour)
OVER A PERIOD OF DAYS
2. Where did the damage or injury occur?
24608 Palermo Drive, Calabasas, CA 91302 (common area walls damaged)
3. How did the damage or injury occur? (Give full details)
Associations property was damaged by leaky LVWD main lines. (see pictures attached)
4. What damage or injuries do you claim?
Damages to the recently refurbished pony walls at the location reported above.

5. If this claim is for damage to property, are you the legal owner of said property?
Yes XX No _____. If not, please list name and address of property owner.

6. What is the name or names of the District employee or employees causing the injury, damage or loss, if known?

Unknown

7. If District employees were involved in causing the damage or injury, do you believe there was a particular act or omission on the part of the employees that caused it?

8. What is the amount of claim to date – actual? (Bills verifying such amounts may be required)

In the process of obtaining bids

9. What is the amount of claim to completion date? (Estimates verifying such amounts may be required. Three (3) estimates are recommended.)

9. Other details? (Names, addresses of witnesses, doctors and hospitals)

BOB BAKVA, BOARD PRESIDENT

[Signature], Agent
Signature of Claimant or Person Acting on Claimant's Behalf

6/28/13
Date

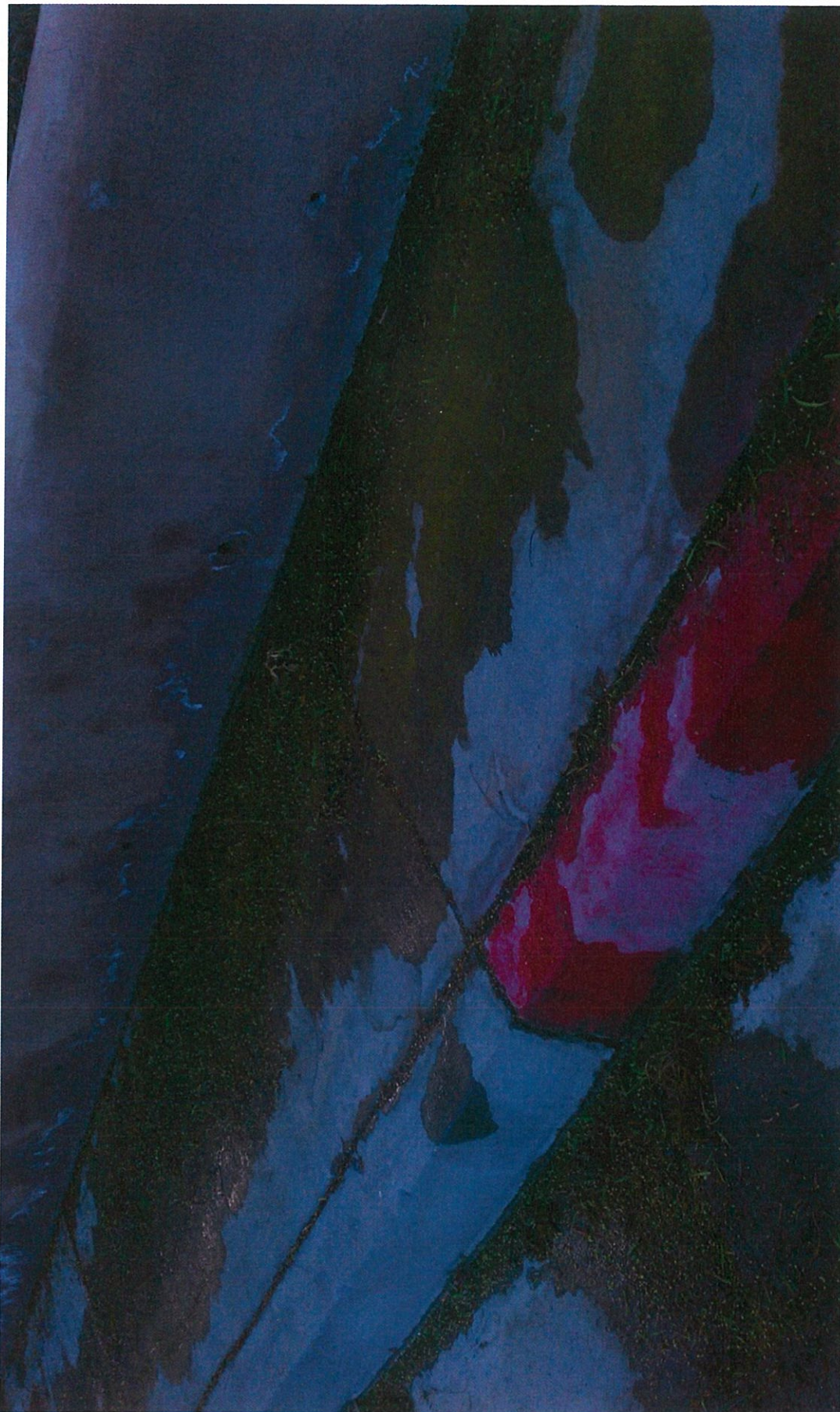
This claim must be signed by claimant or by an authorized agent of the claimant. One copy must be filed with this office. Keep one copy for your records.

Notice: Section 72 of the Penal Code provides: "Every person who, with intent to defraud, presents for allowance or for payment to any state board or officer, or to any county, town, city, district, ward or village board or officer, authorized to allow or pay the same if genuine, any false or fraudulent claim, bill, account, voucher, or writing, is guilty of a felony".

Date Received: 07/02/13 Time: 3:10 pm Recorded by: *[Signature]*

Water leak behind the
pony walls located at:

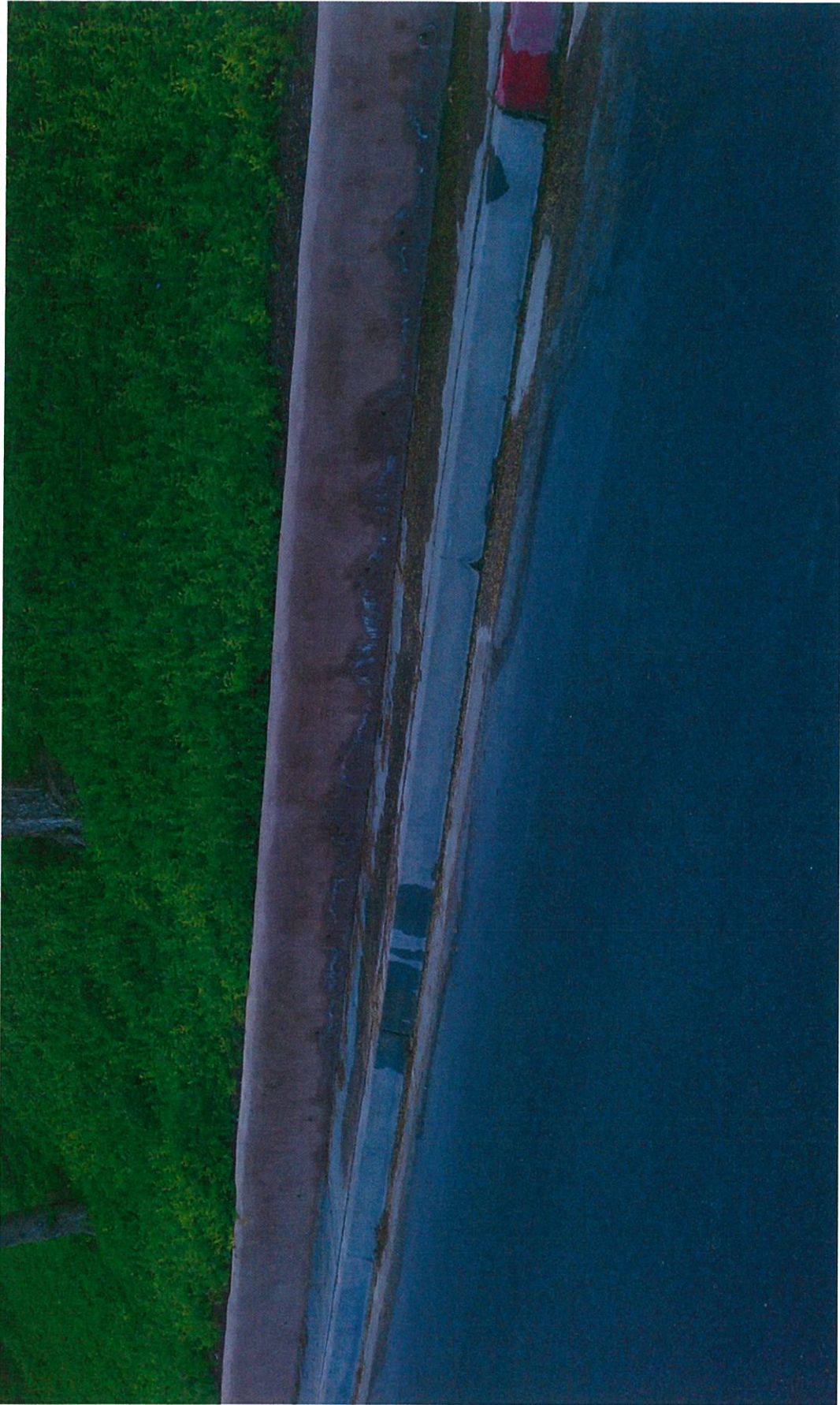
24608 Palermo Drive
Calabasas, CA 91302



ITEM 8A



ITEM 8A



ITEM 8A



ITEM 8A



ITEM 8A

**Pictures taken after LVWD repaired
the broken pipe**



ITEM 8A



ITEM 8A




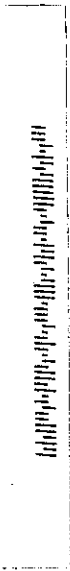
ITEM 8A



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"An Accredited Association Management Company"
15315 Magnolia Boulevard, Suite 212
Sherman Oaks, CA 91403



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ZIP 91403 \$001.92⁰
02 1W
0001383776 JUL 01 2013



Executive Clerk of the Board
Las Virgenes Municipal Water
District
4232 Las Virgenes Road
Calabasas, CA., 91302

ITEM 8A



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Street Lighting Districts: Negotiated Tax Exchange Resolutions Resulting from Annexation of Territory Petition No. 5-212 to County Lighting Maintenance District 10032

SUMMARY:

The Los Angeles County Department of Public Works sent resolutions to the District for negotiated tax exchanges associated with annexation of territories. Under these negotiated tax exchanges, the District, other special districts and cities in the area give up a portion of their ad valorem tax to the County Lighting Districts for parcels that are within our District and only recently annexing into the Lighting Districts. District Counsel has previously reviewed these resolutions and advised approval. The Board approved negotiated tax exchanges for this purpose beginning in October 2002. The last negotiated tax exchange was approved in June 2013.

RECOMMENDATION(S):

Pass, approve and adopt Resolution No. 08-13-2442 for Negotiated Tax Exchange (LVMWD) Annexation of Petition No. 5-212; and pass, approve and adopt Resolution No. 08-13-2443 for Negotiated Tax Exchange (LVMW-Improvement District No. 9) Annexation of Petition No. 5-212 to County Lighting Maintenance District 10032.

RESOLUTION NOS. 08-13-2442 and 08-13-2443: JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF TRUSTEES OF THE LOS ANGELES COUNTY WEST VECTOR CONTROL DISTRICT, THE BOARD OF DIRECTORS OF THE RESOURCE CONSERVATION DISTRICT OF THE SANTA MONICA MOUNTAINS, THE CITY COUNCIL OF THE CITY OF AGOURA HILLS, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 9 APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PETITION NO. 5-212 TO COUNTY LIGHTING MAINTENANCE DISTRICT 10032

(Reference is hereby made to Resolution Nos. 08-13-2442 and 08-13-2443 on file in the District's Resolution Book and by this reference the same are incorporated and made a part hereof.)

FINANCIAL IMPACT:

This action will result in a \$94 per year reduction in property tax revenue.

DISCUSSION:

The following table shows the proportions of property tax that will be lost, based upon the assessed value of each parcel.

Account No./TRA	Proposed Adjustment	Proposed Loss per \$100,000 Assessed Value
023.32/10195 and 11463		
LVMWD Ad Valorem	-0.000012263	\$ 1.23
LVMWD-Improvement District No. 9	-0.000009262	\$0.93

Prepared By: Sandra Hicks, Director of Finance & Administration

ATTACHMENTS:

[County Lighting Maintenance District Resolutions - 2](#)

[Assessed Valuation Report](#)



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

GAIL FARBER, Director

*Rec'd 07/10/13
Kc*

*07/15/13 Email: DP/SH
AGENDA: 07.23.13*

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

July 3, 2013

IN REPLY PLEASE
REFER TO FILE: T-5

Mr. David Pedersen
General Manager
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

Dear Mr. Pedersen:

**STREET LIGHTING DISTRICTS
NEGOTIATED TAX EXCHANGE RESOLUTION RESULTING FROM
ANNEXATION OF TERRITORY PETITION NO. 5-212 TO
COUNTY LIGHTING MAINTENANCE DISTRICT 10032**

This letter is to request that the Las Virgenes Municipal Water District and the Las Virgenes Municipal Water Improvement District No. 9 participate in the exchange of ad valorem property tax in conjunction with the annexation of territory known as Petition No. 5-212 to County Lighting Maintenance District 10032. This proposed exchange would provide revenue to County Lighting Maintenance District 10032 to partially fund the operation and maintenance of street lighting services provided within the annexed territory. This territory, whose boundary is shown on the enclosed proposed annexation map, is being processed for the Board of Supervisors' concurrent approval of the annexation and transfer of ad valorem property tax between the affected taxing agencies and County Lighting Maintenance District 10032.

For new annexations to a County-administered County Lighting Maintenance District, our procedures require us to process the exchange of property tax revenues with all nonexempt taxing agencies. Under Section 99.01 of the California Revenue and Taxation Code, special districts providing new services to an area as a result of a jurisdictional change are entitled to a share of the annual tax increment generated in the areas being annexed. County Lighting Maintenance District 10032 is defined under Section 95(m) of the California Revenue and Taxation Code as a special district. County Lighting Maintenance District 10032's share of the annual tax increment is to be taken from all of the other local taxing agencies providing services within the annexed area, with the exception of school entities, which are exempted by law. If a taxing agency involved in the negotiation does not adopt a resolution providing for the exchange of property tax revenue, the Board can determine the exchange of property tax revenue for that taxing agency.

Mr. David Pedersen
July 3, 2013
Page 2

Enclosed are two Joint Resolutions between the County of Los Angeles and the Las Virgenes Municipal Water District and the Las Virgenes Municipal Water Improvement District No. 9 approving and accepting the negotiated exchange of property tax revenues resulting from the annexation of the subject territory to County Lighting Maintenance District 10032. Attached to each Joint Resolution are Property Tax Transfer Resolution Worksheets prepared for each Tax Rate Area located within the annexation territory listing the share of the annual tax increment to be exchanged between the Las Virgenes Municipal Water District, the Las Virgenes Municipal Water Improvement District No. 9, other affected taxing agencies, and County Lighting Maintenance District 10032. The tax-sharing ratios listed in the worksheets were calculated using a formula approved by the Auditor-Controller and County Counsel. As shown on the Property Tax Transfer Resolution Worksheet for Petition No. 5-212, Tax Rate Area 10195, the current tax share ratio for the Las Virgenes Municipal Water District is 0.001167073. Out of the Las Virgenes Municipal Water District tax share, the Las Virgenes Municipal Water District would allocate 0.000012263 to County Lighting Maintenance District 10032, with a net share to the Las Virgenes Municipal Water District of 0.001154810, or monetarily speaking, a \$10,000 increment in assessed valuation of a parcel means that the parcel will pay an additional \$100 in property taxes, of which the Las Virgenes Municipal Water District would receive \$0.1155 and County Lighting Maintenance District 10032 would receive \$0.0012.

Please have the resolutions executed and returned to us in the enclosed self-addressed envelope by August 14, 2013.

If you have any questions, please contact Ms. Tigist Desta of Traffic and Lighting Division, Street Lighting Section, at (626) 300-4755.

Very truly yours,

GAIL FARBER
Director of Public Works



JAMES H. CHON
Head, Street Lighting Section
Traffic and Lighting Division

TD:dj
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Enc.

ITEM 9A

RESOLUTION NO. 08-13-2442

**JOINT RESOLUTION OF
THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES,
THE BOARD OF TRUSTEES OF THE LOS ANGELES COUNTY WEST VECTOR CONTROL
DISTRICT, THE BOARD OF DIRECTORS OF THE RESOURCE CONSERVATION DISTRICT
OF THE SANTA MONICA MOUNTAINS, THE CITY COUNCIL OF THE CITY OF AGOURA
HILLS, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER
DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL
WATER IMPROVEMENT DISTRICT NO. 9 APPROVING AND ACCEPTING THE
NEGOTIATED EXCHANGE OF
PROPERTY TAX REVENUES RESULTING FROM
ANNEXATION OF PETITION NO. 5-212
TO COUNTY LIGHTING MAINTENANCE DISTRICT 10032**

WHEREAS, pursuant to Section 99.01 of the California Revenue and Taxation Code, prior to the effective date of any jurisdictional change that will result in a special district providing one or more services to an area where those services have not previously been provided by any local agency, the special district and each local agency that receives an apportionment of property tax revenue from the area must negotiate an exchange of property tax increment generated in the area subject to the jurisdictional change and attributable to those local agencies; and

WHEREAS, the Board of Supervisors of the County of Los Angeles, acting on behalf of the County Lighting Maintenance District 10032, the County General Fund, the County of Los Angeles Public Library, the Consolidated Fire Protection District of Los Angeles County, the County of Los Angeles Flood Control Drainage Improvement Maintenance District, and the Los Angeles County Flood Control District; the Board of Trustees of the Los Angeles County West Vector Control District; the Board of Directors of the Resource Conservation District of the Santa Monica Mountains; the City Council of the City of Agoura Hills; the Board of Directors of the Las Virgenes Municipal Water District; and the Board of Directors of the Las Virgenes Municipal Water Improvement District No. 9 have determined that the amount of property tax revenue to be exchanged between their respective agencies as a result of the annexation proposal identified as Petition No. 5-212 to County Lighting Maintenance District 10032 is as shown on the attached Property Tax Transfer Resolution Worksheets.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The negotiated exchange of property tax revenues between of the County Lighting Maintenance District 10032, the County General Fund, the County of Los Angeles Public Library, the Consolidated Fire Protection District of Los Angeles County, the County of Los Angeles Flood Control Drainage Improvement Maintenance District, and the Los Angeles County Flood Control District, the West Vector Control District, the Resource Conservation District of the Santa Monica Mountains, the City Council of the City of Agoura Hills, the Las Virgenes Municipal Water District, and the Las Virgenes Municipal Water Improvement District No. 9 resulting from annexation of Petition No. 5-212 to County Lighting Maintenance District 10032 is approved and accepted.

2. For annexation projects within the City of Agoura Hills Community Redevelopment Project Area, County Lighting Maintenance District 10032 will not receive the negotiated share of annual tax increment until such time as the affected redevelopment project area is terminated for purposes of receiving annual tax increment.

3. For fiscal years commencing on or after July 1, 2013, or the July 1 after the effective date of this jurisdictional change, whichever is later, the property tax revenue increment generated from the area within Petition No. 5-212, Tax Rate Areas 10195 and 11463, shall be allocated to the affected agencies as indicated on the Property Tax Transfer Resolution Worksheets.

4. No transfer of property tax revenues other than those specified in Paragraph 3 shall be made as a result of annexation of Petition No. 5-212.

5. If at any time after the effective date of this resolution the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect, thus producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated and the corrected transfer shall be implemented for the next fiscal year, and any amounts of property tax received in excess of that which is proper shall be refunded to the appropriate agency.

PASSED, APPROVED, AND ADOPTED this 13th day of August, 2013, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

LAS VIRGENES MUNICIPAL
WATER DISTRICT

President,, Board of Directors

ATTEST:

APPROVED AS TO FORM:

Secretary

District Counsel

Date

ITEM 9A

ANNEXATION TO: CO LIGHTING MAINT DIST NO 10032
 ACCOUNT NUMBER: 023.32
 TRA: 10195
 EFFECTIVE DATE: 07/01/2013
 ANNEXATION NUMBER: PE 5-212
 PROJECT NAME: PETITION NO. 5-212
 DISTRICT SHARE: 0.010507811

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.451823646	45.1832 %	0.010507811	0.004747686	-0.004813730	0.447009916
001.20	L.A. COUNTY ACCUM CAP OUTLAY	0.000116335	0.0116 %	0.010507811	0.000001222	0.000000000	0.000116335
003.01	L A COUNTY LIBRARY	0.029746891	2.9746 %	0.010507811	0.000312574	-0.000312574	0.029434317
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.178898404	17.8898 %	0.010507811	0.001879830	-0.001879830	0.177018574
007.31	L A C FIRE-FFW	0.006168940	0.6168 %	0.010507811	0.000064822	0.000000000	0.006168940
030.10	L.A.CO.FL.CON.DR.IMP.DIST.MAINT.	0.002737376	0.2737 %	0.010507811	0.000028763	-0.000028763	0.002708613
030.70	LA CO FLOOD CONTROL MAINT	0.015493857	1.5493 %	0.010507811	0.000162806	-0.000162806	0.015331051
061.10	L A CO WEST VECTOR CONTROL DIST.	0.000381421	0.0381 %	0.010507811	0.000004007	-0.000004007	0.000377414
068.22	RCD OF THE SANTA MONICA MTNS	0.000765095	0.0765 %	0.010507811	0.000008039	-0.000008039	0.000757056
101.01	AGOURA HILLS - RED. PROJ AREA	0.066204224	6.6204 %	0.010507811	0.000695661	-0.000695661	0.065508563
363.05	LAS VIRGENES MUN WATER DISTRICT	0.001167073	0.1167 %	0.010507811	0.000012263	-0.000012263	0.001154810
363.10	LAS VIRGENES MUN W.DIS-IMP.D. #9	0.000881524	0.0881 %	0.010507811	0.000009262	-0.000009262	0.000872262
363.50	LAS VIRGENES MUN W.DIS-IMP.D.U-1	0.000000000	0.0000 %	0.010507811	0.000000000	0.000000000	0.000000000
400.00	EDUCATIONAL REV AUGMENTATION FD	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.01	EDUCATIONAL AUG FD IMPOUND	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.15	COUNTY SCHOOL SERVICES	0.001442985	0.1442 %	0.010507811	0.000015162	EXEMPT	0.001442985
400.21	CHILDREN'S INSTILL TUITION FUND	0.002863786	0.2863 %	0.010507811	0.000030092	EXEMPT	0.002863786
805.04	L.A.CITY COMMUNITY COLLEGE DIST	0.030794531	3.0794 %	0.010507811	0.000323583	EXEMPT	0.030794531
805.20	L.A.COMM.COLL.CHILDREN'S CTR FD	0.000318404	0.0318 %	0.010507811	0.000003345	EXEMPT	0.000318404

ANNEXATION NUMBER: PE 5-212 PROJECT NAME: PETITION NO. 5-212 TRA: 10195

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE	
881.03	LAS VIRGENES UNIFIED SCHOOL DIST	0.202588180	20.2588 %	0.010507811	0.002128758	EXEMPT	0.202588180	
881.06	CO.SCH.SERV.FD.- LAS VIRGENES	0.007607328	0.7607 %	0.010507811	0.000079936	EXEMPT	0.007607328	
***023.32	CO LIGHTING MAINT DIST NO 10032	0.000000000	0.0000 %	0.010507811	0.000000000	0.000000000	0.007926935	
TOTAL:							1.000000000	100.0000 %
							0.010507811	-0.007926935
							1.000000000	

ANNEXATION TO: CO LIGHTING MAINT DIST NO 10032
 ACCOUNT NUMBER: 023.32
 TRA: 11463
 EFFECTIVE DATE: 07/01/2013
 ANNEXATION NUMBER: PE 5-212 PROJECT NAME: PETITION NO. 5-212
 DISTRICT SHARE: 0.010507811

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.451823646	45.1832 %	0.010507811	0.004747686	-0.004813730	0.447009916
001.20	L.A. COUNTY ACCUM CAP-OUTLAY	0.000116335	0.0116 %	0.010507811	0.000001222	0.000000000	0.000116335
003.01	L A COUNTY LIBRARY	0.029746891	2.9746 %	0.010507811	0.000312574	-0.000312574	0.029434317
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.178898404	17.8898 %	0.010507811	0.001879830	-0.001879830	0.177018574
007.31	L A C FIRE-PFW	0.006168940	0.6168 %	0.010507811	0.000064822	0.000000000	0.006168940
030.10	L.A.CO.FL.CON.DR.IMP.DIST.MAINT.	0.062737376	0.2737 %	0.010507811	0.000028763	-0.000028763	0.002708613
030.70	LA CO FLOOD CONTROL MAINT	0.015493857	1.5493 %	0.010507811	0.000162806	-0.000162806	0.015331051
061.10	L A CO WEST VECTOR CONTROL DIST.	0.000381421	0.0381 %	0.010507811	0.000004007	-0.000004007	0.000377414
068.22	RCD OF THE SANTA MONICA MINS	0.000765095	0.0765 %	0.010507811	0.000008039	-0.000008039	0.000757056
101.01	AGOURA HILLS - RED. PROJ AREA	0.066204224	6.6204 %	0.010507811	0.000695561	-0.000695561	0.065508563
363.05	LAS VIRGENES MUN WATER DISTRICT	0.001167073	0.1167 %	0.010507811	0.000012263	-0.000012263	0.001154810
363.10	LAS VIRGENES MUN W.DIS-IMP.D. #9	0.000881524	0.0881 %	0.010507811	0.000009262	-0.000009262	0.000872262
400.00	EDUCATIONAL REV AUGMENTATION FD	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.01	EDUCATIONAL AUG-FD IMFOUND	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.15	COUNTY SCHOOL SERVICES	0.001442985	0.1442 %	0.010507811	0.000015162	EXEMPT	0.001442985
400.21	CHILDREN'S INSTIL TUITION FUND	0.002863786	0.2863 %	0.010507811	0.000030092	EXEMPT	0.002863786
805.04	L.A.CITY COMMUNITY COLLEGE DIST	0.030794531	3.0794 %	0.010507811	0.000323583	EXEMPT	0.030794531
805.20	L.A.COMM.COLL.CHILDREN'S CTR FD	0.000318404	0.0318 %	0.010507811	0.000003345	EXEMPT	0.000318404
881.03	LAS VIRGENES UNIFIED SCHOOL DIST	0.202588180	20.2588 %	0.010507811	0.002128758	EXEMPT	0.202588180

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
881.06	CO.SCH.SERV.FD.- LAS VIRGENES	0.007607328	0.7607 %	0.010507811	0.000079936	EXEMPT	0.007607328
***023.32	CO LIGHTING MAINT DIST NO 10032	0.000000000	0.0000 %	0.010507811	0.000000000		0.007926935
TOTAL:		1.000000000	100.0000 %		0.010507811	-0.007926935	1.000000000

TRA: 11463

PROJECT NAME: PETITION NO. 5-212

ANNEXATION NUMBER: PE 5-212

RESOLUTION NO. 08-13-2443

**JOINT RESOLUTION OF
THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES,
THE BOARD OF TRUSTEES OF THE LOS ANGELES COUNTY WEST VECTOR CONTROL
DISTRICT, THE BOARD OF DIRECTORS OF THE RESOURCE CONSERVATION DISTRICT
OF THE SANTA MONICA MOUNTAINS, THE CITY COUNCIL OF THE CITY OF
AGOURA HILLS, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL
WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES
MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 9 APPROVING AND ACCEPTING THE
NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM
ANNEXATION OF PETITION NO. 5-212
TO COUNTY LIGHTING MAINTENANCE DISTRICT 10032**

WHEREAS, pursuant to Section 99.01 of the California Revenue and Taxation Code, prior to the effective date of any jurisdictional change that will result in a special district providing one or more services to an area where those services have not previously been provided by any local agency, the special district and each local agency that receives an apportionment of property tax revenue from the area must negotiate an exchange of property tax increment generated in the area subject to the jurisdictional change and attributable to those local agencies; and

WHEREAS, the Board of Supervisors of the County of Los Angeles, acting on behalf of the County Lighting Maintenance District 10032, the County General Fund, the County of Los Angeles Public Library, the Consolidated Fire Protection District of Los Angeles County, the County of Los Angeles Flood Control Drainage Improvement Maintenance District, and the Los Angeles County Flood Control District; the Board of Trustees of the Los Angeles County West Vector Control District; the Board of Directors of the Resource Conservation District of the Santa Monica Mountains; the City Council of the City of Agoura Hills; the Board of Directors of the Las Virgenes Municipal Water District; and the Board of Directors of the Las Virgenes Municipal Water Improvement District No. 9 have determined that the amount of property tax revenue to be exchanged between their respective agencies as a result of the annexation proposal identified as Petition No. 5-212 to County Lighting Maintenance District 10032 is as shown on the attached Property Tax Transfer Resolution Worksheets.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The negotiated exchange of property tax revenues between of the County Lighting Maintenance District 10032, the County General Fund, the County of Los Angeles Public Library, the Consolidated Fire Protection District of Los Angeles County, the County of Los Angeles Flood Control Drainage Improvement Maintenance District, and the Los Angeles County Flood Control District, the Los Angeles County West Vector Control District, the Resource Conservation District of the Santa Monica Mountains, the City Council of the City of Agoura Hills, the Las Virgenes Municipal Water District, and the Las Virgenes Municipal Water Improvement District No. 9 resulting from annexation of Petition No. 5-212 to County Lighting Maintenance District 10032 is approved and accepted.

2. For annexation projects within the City of Agoura Hills Community Redevelopment Project Area, County Lighting Maintenance District 10032 will not receive the negotiated share of annual tax increment until such time as the affected redevelopment project area is terminated for purposes of receiving annual tax increment.

3. For fiscal years commencing on or after July 1, 2013, or the July 1 after the effective date of this jurisdictional change, whichever is later, the property tax revenue increment generated from the area within Petition No. 5-212, Tax Rate Areas 10195 and 11463, shall be allocated to the affected agencies as indicated on the Property Tax Transfer Resolution Worksheets.

4. No transfer of property tax revenues other than those specified in Paragraph 3 shall be made as a result of annexation of Petition No. 5-212.

5. If at any time after the effective date of this resolution the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect, thus producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated and the corrected transfer shall be implemented for the next fiscal year, and any amounts of property tax received in excess of that which is proper shall be refunded to the appropriate agency.

PASSED, APPROVED, AND ADOPTED this 13th day of August, 2013, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

LAS VIRGENES MUNICIPAL WATER
IMPROVEMENT DISTRICT NO. 9

President,, Board of Directors

ATTEST:

APPROVED AS TO FORM:

Secretary

District Counsel

Date

ITEM 9A

ANNEXATION TO: CO LIGHTING MAINT DIST NO 10032
 ACCOUNT NUMBER: 023.32
 TRA: 10195
 EFFECTIVE DATE: 07/01/2013
 ANNEXATION NUMBER: PE 5-212
 DISTRICT SHARE: 0.010507811

PROJECT NAME: PETITION NO. 5-212

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.451823646	45.1832 %	0.010507811	0.004747686	-0.004813730	0.447009916
001.20	L.A. COUNTY ACCUM CAP OUTLAY	0.000116335	0.0116 %	0.010507811	0.000001222	0.000000000	0.000116335
003.01	L A COUNTY LIBRARY	0.029746891	2.9746 %	0.010507811	0.000312574	-0.000312574	0.029434317
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.178898404	17.8898 %	0.010507811	0.001879830	-0.001879830	0.177018574
007.31	L A C FIRE-FFW	0.006168940	0.6168 %	0.010507811	0.000064822	0.000000000	0.006168940
030.10	L.A.CO.FL.CON.DR.IMP.DIST.MAINT.	0.002737376	0.2737 %	0.010507811	0.000028763	-0.000028763	0.002708613
030.70	LA CO FLOOD CONTROL MAINT	0.015493857	1.5493 %	0.010507811	0.000162806	-0.000162806	0.015331051
061.10	L A CO WEST VECTOR CONTROL DIST.	0.000381421	0.0381 %	0.010507811	0.000004007	-0.000004007	0.000377414
068.22	RCD OF THE SANTA MONICA MINS	0.000765095	0.0765 %	0.010507811	0.000008039	-0.000008039	0.000757056
101.01	AGOURA HILLS - RED. PROJ AREA	0.066204224	6.6204 %	0.010507811	0.000695661	-0.000695661	0.065508563
363.05	LAS VIRGENES MUN WATER DISTRICT	0.001167073	0.1167 %	0.010507811	0.000012263	-0.000012263	0.001154810
363.10	LAS VIRGENES MUN W.DIS-IMP.D. #9	0.000881524	0.0881 %	0.010507811	0.000009262	-0.000009262	0.000872262
363.50	LAS VIRGENES MUN W.DIS-IMP.D.U-1	0.000000000	0.0000 %	0.010507811	0.000000000	0.000000000	0.000000000
400.00	EDUCATIONAL REV AUGMENTATION FD	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.01	EDUCATIONAL AUG FD IMPOUND	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.15	COUNTY SCHOOL SERVICES	0.001442985	0.1442 %	0.010507811	0.000015162	EXEMPT	0.001442985
400.21	CHILDREN'S INSTIL TUITION FUND	0.002863786	0.2863 %	0.010507811	0.000030092	EXEMPT	0.002863786
805.04	L.A.CITY COMMUNITY COLLEGE DIST	0.030794531	3.0794 %	0.010507811	0.000323583	EXEMPT	0.030794531
805.20	L.A.COMM.COLL.CHILDREN'S CTR FD	0.000318404	0.0318 %	0.010507811	0.000003345	EXEMPT	0.000318404

ANNEXATION NUMBER: PE 5-212 PROJECT NAME: PETITION NO. 5-212 TRA: 10195

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE	
881.03	LAS VIRGENES UNIFIED SCHOOL DIST	0.202588180	20.2588 %	0.010507811	0.002128758	EXEMPT	0.202588180	
881.06	CO.SCH.SERV.FD.- LAS VIRGENES	0.007607328	0.7607 %	0.010507811	0.000079936	EXEMPT	0.007607328	
***023.32	CO LIGHTING MAINT DIST NO 10032	0.000000000	0.0000 %	0.010507811	0.000000000	0.000000000	0.007926935	
TOTAL:							1.000000000	100.0000 %
					0.010507811	-0.007926935	1.000000000	

ANNEXATION TO: CO LIGHTING MAINT DIST NO 10032
 ACCOUNT NUMBER: 023.32
 TRA: 11463
 EFFECTIVE DATE: 07/01/2013
 ANNEXATION NUMBER: PE 5-212
 PROJECT NAME: PETITION NO. 5-212
 DISTRICT SHARE: 0.010507811

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.451823646	45.1832 %	0.010507811	0.004747686	-0.004813730	0.447009916
001.20	L.A. COUNTY ACCUM CAP-OUTLAY	0.000116335	0.0116 %	0.010507811	0.000001222	0.000000000	0.000116335
003.01	L A COUNTY LIBRARY	0.029746891	2.9746 %	0.010507811	0.000312574	-0.000312574	0.029434317
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.178898404	17.8898 %	0.010507811	0.001879830	-0.001879830	0.177018574
007.31	L A C FIRE-FFW	0.006168940	0.6168 %	0.010507811	0.000064822	0.000000000	0.006168940
030.10	L.A.CO.FL.CON.DR.IMP.DIST.MAINT.	0.002737376	0.2737 %	0.010507811	0.000028763	-0.000028763	0.002708613
030.70	LA CO FLOOD CONTROL MAINT	0.015493857	1.5493 %	0.010507811	0.000162806	-0.000162806	0.015331051
061.10	L A CO WEST VECTOR CONTROL DIST.	0.000381421	0.0381 %	0.010507811	0.000004007	-0.000004007	0.000377414
068.22	RCD OF THE SANTA MONICA MINS	0.000765095	0.0765 %	0.010507811	0.000008039	-0.000008039	0.000757056
101.01	AGOURA HILLS - RED. PROJ AREA	0.066204224	6.6204 %	0.010507811	0.000695661	-0.000695661	0.065508563
363.05	LAS VIRGENES MUN WATER DISTRICT	0.001167073	0.1167 %	0.010507811	0.000012263	-0.000012263	0.001154810
363.10	LAS VIRGENES MUN W.DIS-IMP.D. #9	0.000881524	0.0881 %	0.010507811	0.000009262	-0.000009262	0.000872262
400.00	EDUCATIONAL REV AUGMENTATION FD	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.01	EDUCATIONAL AUG.FD IMPOUND	0.000000000	0.0000 %	0.010507811	0.000000000	EXEMPT	0.000000000
400.15	COUNTY SCHOOL SERVICES	0.001442985	0.1442 %	0.010507811	0.000015162	EXEMPT	0.001442985
400.21	CHILDREN'S INSTIL TUITION FUND	0.002863786	0.2863 %	0.010507811	0.000030092	EXEMPT	0.002863786
805.04	L.A.CITY COMMUNITY COLLEGE DIST	0.030794531	3.0794 %	0.010507811	0.000323583	EXEMPT	0.030794531
805.20	L.A.COMM.COLL.CHILDREN'S CTR FD	0.000318404	0.0318 %	0.010507811	0.000003345	EXEMPT	0.000318404
881.03	LAS VIRGENES UNIFIED SCHOOL DIST	0.202588180	20.2588 %	0.010507811	0.002128758	EXEMPT	0.202588180

ANNEXATION NUMBER:	PE 5-212	PROJECT NAME:	PETITION NO. 5-212	TRA:	11463		
ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
881.06	CO.SCH.SERV.FD.- LAS VIRGENES	0.007607328	0.7607 %	0.010507811	0.000079936	EXEMPT	0.007607328
***023.32	CO LIGHTING MAINT DIST NO 10032	0.000000000	0.0000 %	0.010507811	0.000000000		0.007926935
TOTAL:		1.000000000	100.0000 %		0.010507811	-0.007926935	1.000000000

FY 2012-13 Assessed Valuation

APN	Land	Structure/ Improvement	Total AV	Ad Valorem	Imp Dist No.9	Imp Dist U-1	Total Adjustment
2064-006-006*	210,000	0	\$ 210,000	(2.58)	(1.95)	0.00	(4.52)
2064-006-007*	320,000	0	\$ 320,000	(3.92)	(2.96)	0.00	(6.89)
2064-006-009	1,000,000	2,350,000	\$ 3,350,000	(41.08)	(31.03)	0.00	(72.11)
2064-006-016*	190,000	0	\$ 190,000	(2.33)	(1.76)	0.00	(4.09)
2064-006-018*	170,000	0	\$ 170,000	(2.08)	(1.57)	0.00	(3.66)
2064-006-019*	110,000	0	\$ 110,000	(1.35)	(1.02)	0.00	(2.37)
			\$ 4,350,000	\$ (53)	\$ (40)	\$ -	\$ (94)

* = VACANT LAND

Ad Valorem: adjustment of -0.000012263

Imp Dist No. 9: adjustment of -0.000009262



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Resource Conservation & Public Outreach

Subject: Resolution in Support of the Bay Delta Conservation Plan

SUMMARY:

The Bay Delta Conservation Plan (BDCP) outlines a comprehensive approach for the sustainable management of the Sacramento-San Joaquin Bay Delta over a 50-year period. The BDCP is the product of seven years of work, rising from the legislative water package authorized during the Schwarzenegger Administration. In conformity with that legislation, the BDCP focuses on co-equal goals of water supply reliability and the environmental well-being of the Delta.

RECOMMENDATION(S):

Pass, approve and adopt Resolution No. 08-13-2444 in support of the Bay Delta Conservation Plan (BDCP).

RESOLUTION NO. 08-13-2444: A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT IN SUPPORT OF THE BAY DELTA CONSERVATION PLAN, RELIABLE WATER SUPPLIES AND ENVIRONMENTAL RESTORATION

(Reference is hereby made to Resolution No. 08-13-2444 on file in the District's Resolution Book and by this reference the same are incorporated and made a part hereof.)

DISCUSSION:

Copies of Resolution No. 08-13-2444 in support of the BDCP would be forwarded to legislative representatives, the Governor's office, the Metropolitan Water District of Southern California, the Southern California Water Committee, the Association of California Water Agencies, and the California Department of Water Resources.

Prepared By: Jeff Reinhardt, Public Affairs and Communications Manager

ATTACHMENTS:

[Resolution No. 08-13-2444](#)

RESOLUTION NO. 08-13-2444

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
LAS VIRGENES MUNICIPAL WATER DISTRICT
IN SUPPORT OF THE BAY DELTA CONSERVATION PLAN,
RELIABLE WATER SUPPLIES AND ENVIRONMENTAL RESTORATION**

WHEREAS, water supplies from Northern California that move through the Sacramento-San Joaquin Bay Delta are vital to the economy of California, serving 25 million people from the Bay Area to the Mexican border and agriculture throughout the Central Valley; and

WHEREAS, the Delta is the 550,000-acre estuary where the rivers of the Sierra Nevada merge before heading west to San Francisco Bay; and

WHEREAS, Las Virgenes Municipal Water District is entirely dependent upon imported water for its potable water supply, a majority of which passes through the Delta; and

WHEREAS, the Delta is in a state of environmental stress due to the loss of wetlands habitat, invasive species, pesticide runoff, a depletion of native food supplies, pumping operations and other factors; and

WHEREAS, the decline in the Delta's health threatens this unique environment and water supplies that are key to the California economy; and

WHEREAS, the Delta's levees are not engineered to protect the state's water supply distribution system from a major earthquake, and multiple levee failures could disrupt water deliveries and the state economy for up to three years; and

WHEREAS, state and federal agencies, via the Bay Delta Conservation Plan process, have worked for seven years towards developing a comprehensive package of ecosystem and water system improvements to address both current conflicts in the Delta and long-term threats to the state's water supplies; and

WHEREAS, the Bay Delta Conservation Plan represents an effort to comply with state and federal environmental laws for 50 years through a cooperative effort to reverse the Delta's decline; and

WHEREAS, the failure to take decisive actions would be an unacceptable risk to the environment of the Delta and the economy of California; and

WHEREAS, Governor Edmund G. Brown Jr. and Interior Secretary Sally Jewell have agreed to a comprehensive set of actions outlined in the Administrative Draft of the Bay Delta Conservation Plan that includes Delta water conveyance improvements to protect public water supplies, habitat restoration and enhanced conservation efforts.

BE IT RESOLVED by the Board of Directors of Las Virgenes Municipal Water District that the District supports the current Bay Delta Conservation Plan process and the concepts in the plan advanced by Governor Brown and Interior Secretary Jewell and urges the state and federal agencies to continue progress for the release of a public draft of the plan for review and comment by October 1, 2013, while ensuring that the final plan meets the co-equal goals of ecosystem restoration for the Delta and reliable water supplies for California.

PASSED, APPROVED AND ADOPTED on August 13, 2013.

Charles Caspary, President

ATTEST:

Barry Steinhardt, Secretary

(SEAL)

APPROVED AS TO FORM:

Wayne K. Lemieux, District Counsel



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Resource Conservation & Public Outreach

Subject: Procedure for Dealing with Bees, Snakes and Pests in Meter Boxes, Vaults or Other District Facilities

SUMMARY:

At the June 11, 2013 Board meeting, Director Polan requested that staff prepare a policy or procedure to avoid exterminating honey bees found in and around District properties whenever possible. Last April, he observed bees in a meter box located in the public greenbelt near his home. Upon calling the District's customer service staff, Director Polan was told that an employee would be dispatched to exterminate the bees. His concern was that the bees are a beneficial resource that should not be unnecessarily destroyed. As a result, staff arranged for the safe removal and relocation of the bees from the meter box.

In response to Director Polan's request, staff prepared the attached "Procedure for Dealing with Bees, Snakes and Pests in Meter Boxes, Vaults or other District Facilities". The purpose of the procedure is to ensure the safety of employees who access District facilities, while providing for the humane removal of bees, snakes or pests. Staff met with Director Polan to review the procedure and received his concurrence. The procedure will be reviewed with field staff as well as office customer service personnel who may receive these calls from the public.

FINANCIAL IMPACT:

The additional cost to remove and relocate bees in lieu of extermination is minimal.

Prepared By: Carlos Reyes, Director of Resource Conservation and Public Outreach

ATTACHMENTS:

[Procedure for Dealing with Bees, Snakes and Pests](#)



PROCEDURE FOR DEALING WITH BEES, SNAKES AND PESTS IN METER BOXES, VAULTS OR OTHER DISTRICT FACILITIES

1. Purpose

The purpose of the procedure is to ensure the safety of employees who access District facilities, while providing for the humane removal of bees, snakes or pests.

2. Guidelines

When encountering bees, snakes or pests in a meter box or vault, leave the enclosure as-is and return later in the day, or the next day, depending on your schedule. If the situation persists upon your return, poses a threat to anyone, or you need immediate access to the enclosure, notify your supervisor and/or call the District's contracted pest management company.

When encountering bees, snakes or pests at a District facility and they do not pose a threat, leave them alone. If they do pose a threat, notify your supervisor and/or call the District's contracted pest management company.

If a phone complaint is received regarding bees, snakes or pests in a meter box, vault or at other District facilities, notify the appropriate supervisor.

3. Pest Management Company

The District maintains a purchase order with companies that will humanely remove and relocate bees and snakes from District facilities, whenever possible.

Contact information:

For bees:
A Beeman Services
(818) 889-2728

For snakes and other pests:
Animal and Insect Pest Management
(805) 499-5050



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Renewal of Sodium Bisulfite Contract

SUMMARY:

On July 12, 2011, the Board awarded a one-year contract with two one-year renewal options to Jones Chemicals Incorporated (JCI) for the purchase and delivery of sodium bisulfite. The District uses sodium bisulfite at the Tapia Water Reclamation Facility for dechlorination of recycled water prior to discharge to Malibu Creek and the Los Angeles River. JCI provided very good service for the initial and first renewal terms of the contract, and staff negotiated the final renewal option with no increase in cost. On July 10, 2013, the final renewal option was executed by staff.

FINANCIAL IMPACT:

The approved Fiscal Year 2013-14 Budget includes funding in the amount of \$171,660 for the purchase of sodium bisulfite. Based on a three-year annual average usage of 123,500 gallons, the estimated cost for Fiscal Year 2013-14 is \$167,960, which is slightly under budget.

DISCUSSION:

JCI consistently and reliably provided this product and service to the District. While the chemical market has remained flat in the last year based on the Producer Price Index (PPI), transportation, staffing, and other related costs have risen. As a result, staff believes the existing contract pricing is favorable given current economic conditions. JCI agreed to honor the same terms and conditions, including holding the current price of \$1.36 per gallon delivered. The term of the renewal is from July 29, 2013 through July 28, 2014.

Prepared By: Gretchen Bullock, Buyer

ATTACHMENTS:

[Sodium Bisulfite Renewal 7-2013](#)

PURCHASE ORDER

SHIP TO:
Las Virgenes Municipal Water District
(818) 251-2100
4232 Las Virgenes Road
Calabasas CA 91302

LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road
Calabasas, CA 91302-1994
Phone (818) 251-2100
Fax (818) 251-2116
GBullock@lvmwd.com

VENDOR:
JCI JONES CHEMICALS, INC
1401 W. DELAMO BLVD.
TORRANCE CA 90501

Order Taken By:
Delivery Date: 07/08/13

>>>ANNUAL PURCHASE ORDER<<< Supply & deliver Sodium Bisulfite (38-40%) effective dates 7/29/13 through 7/28/14.
Original bid awarded by board on 7/12/11, Agenda Item#8D. Renewal year #2 of 2 possible. \$1.36 per gallon delivered. Extended pricing based on estimated annual usage.

Line	Account Number	Description	Quantity	UOM	Unit Cost	Extended Price	Original Order Ty
1.000	751810.5410.11	Sodium Bisulfite 38-40% Tapia Water Reclamation Facil.		EA	0.0000	167,960.00	

NAHS03 solution, suitable for dechlorination of recycled water
Delivery Address:
731 Malibu Canyon Road
Calabasas, Ca 91302
Estimated annual quantity 123,500 gallons
>>>Product is not subject to CA sales/use tax<<<

Tax Rate 0.00
Sales Tax 0.00
Total Order 167,960.00

ITEM 10B

David M. Bullock 07/10/13
Authorized Signature

TERMS AND CONDITIONS:

1. Terms Net 30 days
2. F.O.B. destination, freight prepaid ~~and allowed.~~
3. PO# must appear on all packages relating to this order.
4. Goods are subject to our inspection and approval.
5. If shipment will be delayed, or if unable to complete order as written, notify us promptly.
6. All items are subject to sales tax at the current L.A. county rate.
7. This order is exempt from all Federal excise tax.

P40



Dedicated to Providing Quality Water & Wastewater Service.

OFFICERS

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Director, Division 1

Vice President

Glen D. Peterson
Director, Division 2
MWD Representative

Secretary

Barry S. Steinhardt
Director, Division 5

Treasurer

Leonard E. Polan
Director, Division 4

Lee Renger

Director, Division 3

David W. Pedersen, P.E.

General Manager

Wayne K. Lemieux

Counsel

HEADQUARTERS

4232 Las Virgenes Road
Calabasas, CA 91302
(818) 251-2100
Fax (818) 251-2109

WESTLAKE

FILTRATION PLANT
(818) 251-2370
Fax (818) 251-2379

TAPIA WATER RECLAMATION FACILITY

(818) 251-2300
Fax (818) 251-2309

RANCHO LAS VIRGENES COMPOSTING FACILITY

(818) 251-2340
Fax (818) 251-2349

www.LVMWD.com

MEMBER AGENCY OF THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

June 28, 2013

Jones Chemicals, Inc. "JCI"
1401 W. Del Amo Blvd.
Torrance, CA 90501

Attn: Colleen Dubose, Sales Coordinator

RE: Sodium Bisulfate Contract Renewal

The annual contract with JCI for the purchase and delivery of Sodium Bisulfate will expire on July 28, 2012. There is one one-year renewal option available and the District would like to renew the contract. If JCI will agree to the same terms and conditions and current price of \$1.36 per gallon including delivery, the new effective date will be July 29, 2013 through July 28, 2014.

Please acknowledge agreement of this renewal notice by signing at the bottom of this page. Staff is pleased with the service and product JCI has provided and values your continued commitment as our supplier.

If you have any questions or concerns feel free to contact me at (818) 251-2115.

Sincerely,

Gretchen Bullock, CPPB
Buyer

Agree to the same price, terms and conditions as the previous year contract agreement.

Signed by: [Signature] Date: 7/2/13

Print Name: Colleen Dubose

Title: Sales Coordinator



August 13, 2013 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Renewal of Sodium Hypochlorite Contract

SUMMARY:

On July 24, 2012, the Board awarded a one-year contract with two one-year renewal options to Jones Chemicals Incorporated (JCI) for the purchase and delivery of sodium hypochlorite. The District uses sodium hypochlorite for disinfection of final effluent at the Tapia Water Reclamation Facility and treatment of potable water at the Westlake Filtration Plant. JCI provided very good service for the initial term of the contract, and staff negotiated the first renewal option with no increase in cost. On July 10, 2013, the first renewal option was executed by staff.

FINANCIAL IMPACT:

The approved Fiscal Year 2013-14 Budget includes funding for the purchase of sodium hypochlorite in the amounts of \$335,685 for Tapia Water Reclamation Facility and \$13,896 for Westlake Filtration Plant. Based on three-year annual average usages of 475,000 gallons for Tapia and 24,000 gallons for Westlake, the estimated costs for Fiscal Year 2013-14 are \$276,450 and \$13,968, respectively. Together, these amounts are within the budgetary figure for sodium hypochlorite.

DISCUSSION:

JCI consistently and reliably provided this product and service to the District. While the chemical market has remained flat in the last year based on the Producer Price Index (PPI), transportation, staffing, and other related costs have risen. As a result, staff believes the existing contract pricing is favorable given current economic conditions. JCI agreed to honor the same terms and conditions, including holding the current price of \$0.582 per gallon delivered (\$0.57 plus 2.1% CA Mill Assessment). The term of the renewal is from August 9, 2013 through August 8, 2014.

Prepared By: Gretchen Bullock, Buyer

ATTACHMENTS:

[Sodium Hypochlorite Renewal 7-2013](#)

PURCHASE ORDER

Order Number 25333 OP
Warehouse 701004

Page - 1
Date 07/08/13

LAS VIRGENES MUNICIPAL WATER DISTRICT

SHIP TO:

4232 Las Virgenes Road
Calabasas, CA 91302-1994
Phone (818) 251-2100
Fax (818) 251-2116
GBullock@lvwmwd.com

Las Virgenes Municipal Water District
(818) 251-2100
4232 Las Virgenes Road
Calabasas CA 91302

Order Taken By:
Delivery Date: 07/08/13

>>>ANNUAL PURCHASE ORDER<<< Supply & deliver Sodium Hypochlorite (12.5% by weight) effective dates 8/9/13 through 8/8/14.
Original bid awarded by board on 7/24/12, Agenda Item#7A. Renewal year #1 of 2 possible. \$.582 per gallon delivered (.57 per gallon plus 2.1% CA Mill Assessment). Extended pricing based on estimated annual usage.

Ship VIA:
Delivery:

Line	Account Number	Description	Quantity	UOM	Unit Cost	Extended Price	Original Order Ty
1.000	751810.5410.10	Sodium Hypochlorite Tapia Water Reclamation Facil.		EA	0.0000	276,450.00	
Delivery Address: 731 Malibu Canyon Road Calabasas, CA 91302 Attn: Mike Varbel Estimated annual quantity 475,000 gallons							
2.000	101600.5410.10	Sodium Hypochlorite Westlake Filtration Plant		EA	0.0000	13,968.00	
Delivery Address: 32601 Torchwood Place Westlake Village, CA 91361 Attn: Steve Jackson Estimated annual quantity 24,000 gallons >>Product is not subject to CA sales/use tax<<<							

Sales Tax	0.00	Total Order	290,418.00
Tax Rate			

ITEM 10C

TERMS AND CONDITIONS:

1. Terms Net 30 days
2. F.O.B. destination, freight prepaid ~~and allowed.~~
3. PO# must appear on all packages relating to this order.
4. Goods are subject to our inspection and approval.
5. If shipment will be delayed, or if unable to complete order as written, notify us promptly.
6. All items are subject to sales tax at the current L.A. county rate.
7. This order is exempt from all Federal excise tax.

David W. Bullock 07/10/13
Authorized Signature

III - R 2013



Dedicated to Providing Quality Water & Wastewater Service

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www.LVMWD.com

MEMBER AGENCY OF THE
METROPOLITAN WATER
DISTRICT
OF SOUTHERN CALIFORNIA

June 28, 2013

Jones Chemicals, Inc. "JCI"
1401 W. Del Amo Blvd.
Torrance, CA 90501

Attn: Colleen Dubose, Sales Coordinator

RE: Sodium Hypochlorite Contract Renewal

The annual contract with JCI for the purchase and delivery of Sodium Hypochlorite will expire on August 8, 2012. There are two one-year renewal options remaining and the District would like to renew the contract for another year. If JCI will agree to the same terms and conditions and current price of \$.57 per gallon, with an additional ~~1.2%~~ CA Mill 2.1% Assessment allowed, including delivery, the new effective date will be August 9, 2013 through August 8, 2014.

Please acknowledge agreement of this renewal notice by signing at the bottom of this page. Staff is pleased with the service and product JCI has provided and values your continued commitment as our supplier.

If you have any questions or concerns feel free to contact me at (818) 251-2115.

Sincerely,

Gretchen Bullock, CPPB
Buyer

Agree to the same price, terms and conditions as the previous year contract agreement.

Signed by: [Signature] Date: 7/2/13

Print Name: Colleen Dubose

Title: Sales Coordinator