

Appendix C: Correspondences

- UWMP Notice of Preparation, March 10, 2016
- Growth Projection Letter to Cities and Counties
- UWMP Public Draft Comments

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- UWMP Notice of Preparation, March 10, 2016



CALIFORNIA WATER SERVICE

1720 North First Street
San Jose, CA 95112-4598 Tel: (408) 367-8200

March 10, 2016

[Name_F] [Name_L]
[Organization]
[Address]
[City], CA [ZipCode]

Dear [Title] [Name_L]:

California Water Service (Cal Water) is committed to providing safe, reliable, and high-quality water utility service in our Westlake service area. At Cal Water, one of our top priorities is ensuring that our customers have a sustainable supply of water for decades to come.

With that in mind, we wanted to take this opportunity to let you know that we are updating our Urban Water Management Plan (UWMP) for this service area. This UWMP is reviewed and updated every five years pursuant to the Urban Water Management Plan Act, and will be completed by July 1, 2016. Our UWMP is a foundational document that supports our long-term water resource planning to ensure our customers have adequate water supplies to meet current and future demands.

Proposed revisions to our 2010 UWMP will be made available for public review, and we will be holding a public hearing, during which the updates for the 2015 UWMP will be discussed. The draft 2015 UWMP and the date, time and location of the public hearing will be available on our web site in a few weeks at www.calwater.com/conservation/uwmp. A hard copy of the draft UWMP will also be available at our Westlake Customer Center located at 2524 Townsgate Road, Suite A, Westlake Village, CA 91361.

If you have any questions about the UWMP for this service area, please contact Michael Bolzowski, Cal Water Senior Engineer, at (408) 367-8338 or e-mail Planninginfo@calwater.com.

Sincerely,

A handwritten signature in black ink that reads "Scott Wagner". The signature is written in a cursive style.

Scott Wagner
Director of Capital Planning & Water Resources

Cy Johnson
Development Programs Administrator
Calleguas Municipal Water District
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cjohnson@calleguas.com

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Mayor Price
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Mayor Pro Tem
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Westlake Village, CA 91361
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Kim Prillhart
Planning Director
County of Ventura, Planning Division
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Kim.Prillhart@ventura.org

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Ventura County
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Westlake Village, CA 91361
supervisor.foy@ventura.org

Supervisor Parks
Supervisor
Ventura County
2524 Townsgate Road, Suite A
Westlake Village, CA 91361
Linda.Parks@ventura.org

Appendix C: Correspondences

- Growth Projection Letter to Cities and Counties

Blanusa, Danilo

From: Blanusa, Danilo
Sent: Wednesday, August 19, 2015 9:17 AM
To: Kim Prillhart (Kim.Prillhart@ventura.org)
Cc: Salzano, Tom; Bolzowski, Michael R.; Keck, Jonathan; Varney, Douglas
Subject: Cal Water Urban Water Management Plan (UWMP) growth forecast for your review - Westlake District
Attachments: Letter to City Planning Officials - Attachmet - WLK.pdf

Dear Ms. Prillhart,

Pursuant to California Water Code, Division 6, Part 2.6, Sections 10610 through 10656, California Water Service is in the process of preparing the required 2015 update of our Urban Water Management Plans. These plans are required to be updated every five (5) years for each of our services areas (Districts). As you know our Westlake District provides water service to Ventura County.

The purpose of this communication is to solicit your assistance in reviewing and advising us with respect to one of the key elements of the plan, which is the development of a growth forecast for our district. This growth forecast is conducted based on growth in each customer service classification applicable to a particular district, which typically include:

- Single family residential
- Multi-family residential
- Commercial
- Industrial
- Government (City or County parks, median strips, landscaping and schools)
- Dedicated Irrigation (rare)
- Other (temporary construction meters)

The forecasted growth rates are combined with a demand per service factor applicable to each customer class to determine the future water demands for the district. These growth factors are adjustable and we want to review them with you so that we are consistent with anticipated growth that your planning efforts forecast. If adjustments are necessary we can do them now and avoid conflicts and confusion later in this process.

Some specific information regarding our approach to forecasting customer service growth is detailed as follows:

- **Residential** – Typically two residential customer service categories represent the vast majority of the service counts as well as subsequent water sales or demand in our districts. Cal Water considers both single family and multi-family residential services independently as individual classes, but combines them together in order to assess population growth and housing unit growth. While we use historical trends in the establishment for the growth rates for these two customer classes, we also analyze census data for population and housing factors and compare our forecast results for these two parameters with available data from City General Plans, as well as County Economic Forecast data and Regional government association forecasts as a reality or appropriateness check of our results.
- **Commercial & Industrial** – Historical trend is a key influence in this customer class, however where we have seen negative trends in recent years for these categories due to the economic downturn, we typically employ either a zero rate of growth or a small, reasonable positive rate of growth. We have also undertaken during the last ten years some reassessment of customer service classifications that has resulted in reallocation of some customer service accounts between various classes. This reallocation, which included commercial, industrial, multi-family residential and in some cases government services, has made the analysis of growth a bit more difficult.

- **Government** – Growth trends are generally parallel to that of the residential sector, so we verify that our rate of grow is not dramatically out-of-sequence with the overall community.
- **Other** – The use of temporary-assigned construction meters varies considerably from year to year, and can represent considerable water demand. In this case, we select a growth rate that is stable, yet reflects the overall growth of the community.

We have included with this communication a set of tables and graphs (see attachment) that illustrate the parameters that influence the growth forecast as currently set up for this district. These include:

- A. The historical and projected service data in both graph and table form
- B. The 2000 and 2010 Census data for the districts service area
- C. Housing projection chart comparing Cal Water’s forecast (always in red) with those from other organizations
- D. Population projection chart comparing Cal Water’s forecast (always in red) with those from other organizations
- E. Table of population and housing values along with multi-family residential unit density and persons per housing unit density that are employed in this forecast effort.

Please note that the 2015 data, which we need to include in our finished forecast, is not yet final, and some minor fluctuation of these values is possible.

Please examine these documents to determine if you concur with our forecasted housing and population numbers. It would be greatly appreciated if you could, by **September 11, 2015**, provide us with an indication of your support or in the case you do not agree with our forecast a reason why and the appropriate rate or growth pattern that we should employ. **If I do not hear back from you by the end of business (EOB) on the above date I will assume that you concur with our forecast.**

If you need a more detailed explanation of these numbers or want to review them with us please feel free to contact me at (408) 367-8340 or by email at tsalzano@calwater.com.

Thank you for your assistance in this effort.

Respectfully,

Thomas A. Salzano

Thomas A. Salzano
Water Resource Planning Supervisor

Danilo Blanusa, P.E.

Senior Engineer

CALIFORNIA WATER SERVICE

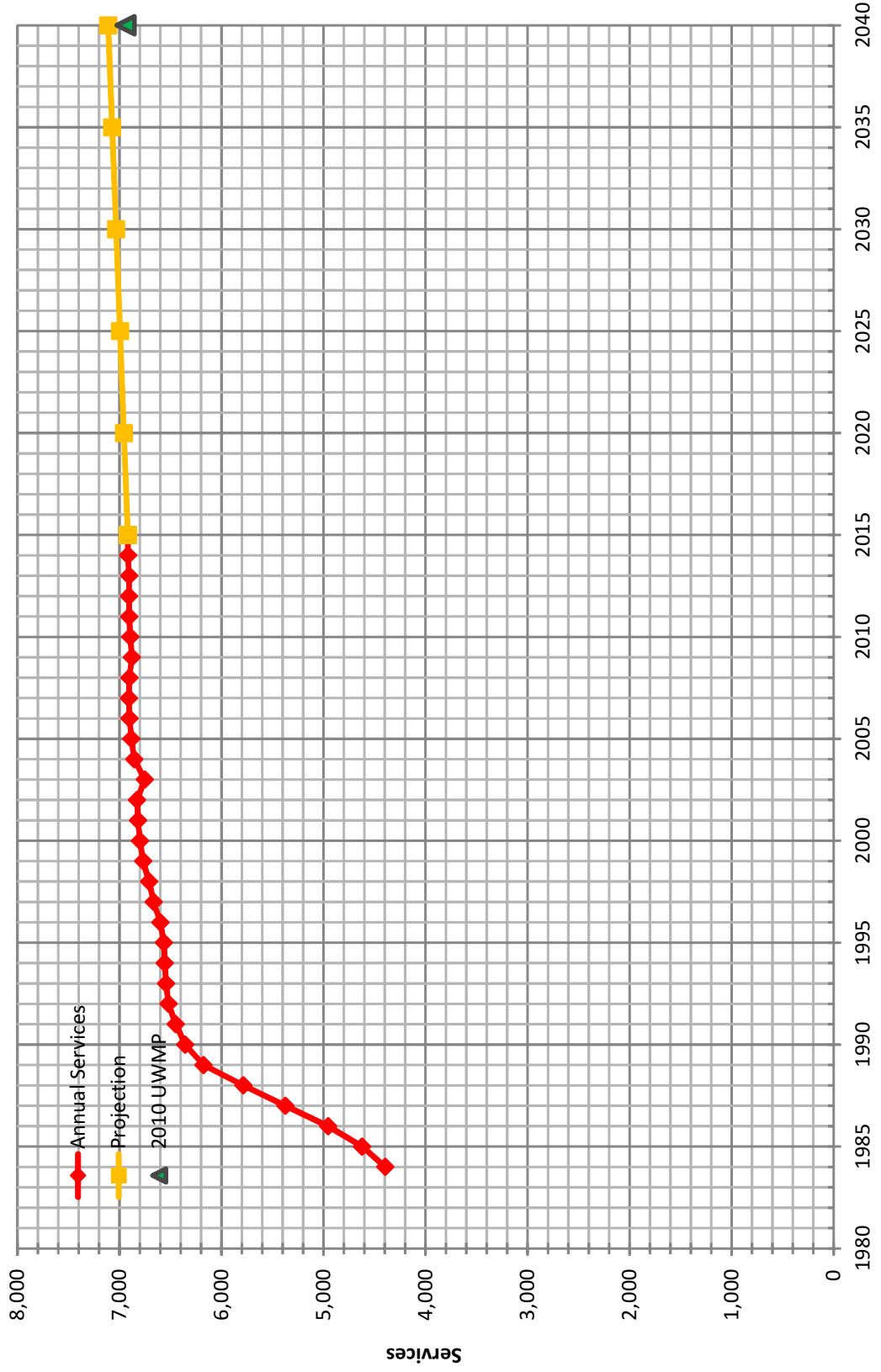
408-367-8387



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calwater.com

Historical & Projected Services

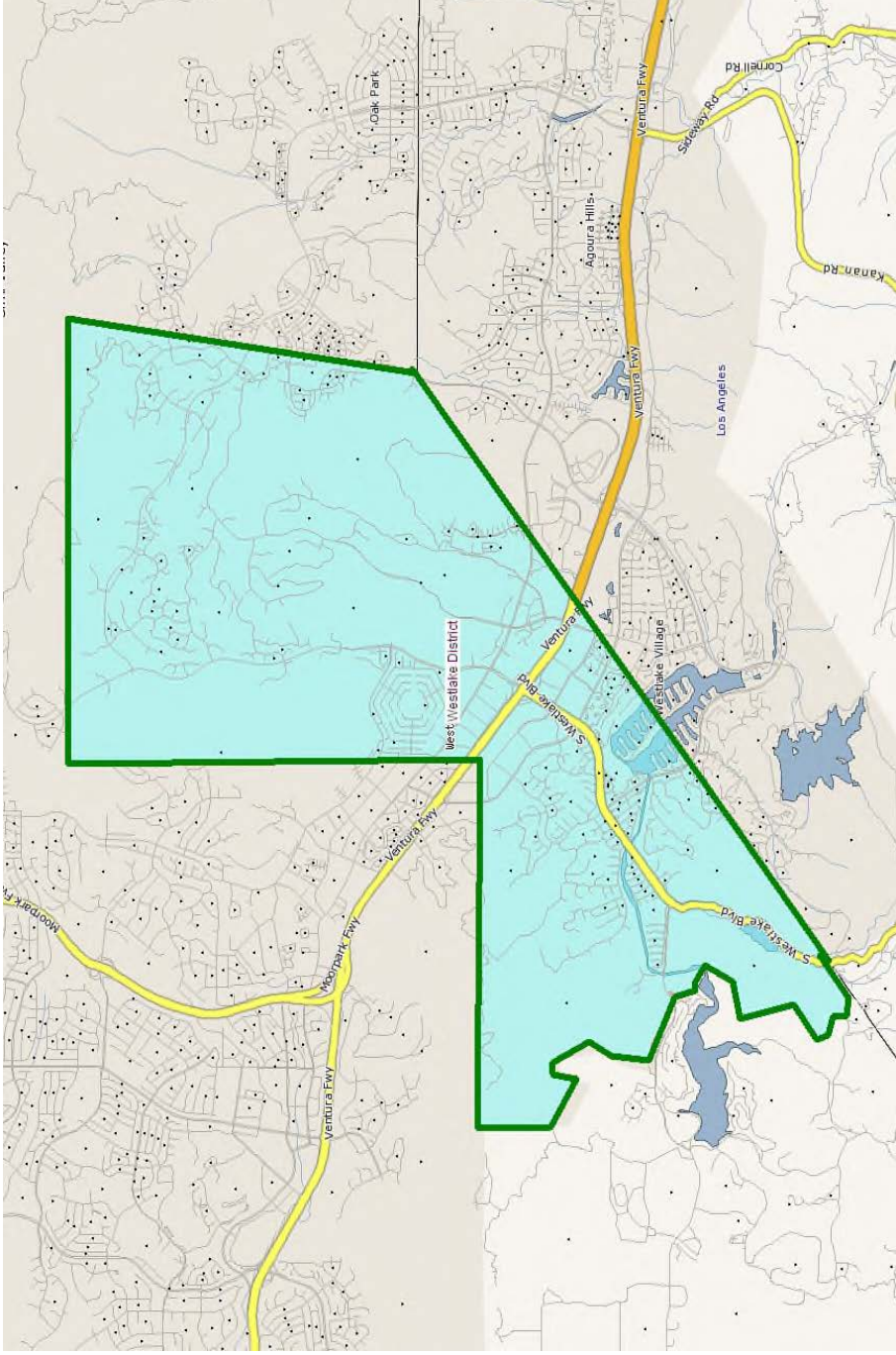


California Water Service Company - Westlake District
Water Supply and Demand Analysis and Projections

Actual & Projected Annual Average Services

Customer Category	Selected Trend	Growth Rate	Actual Services					Projected Services				
			2000	2005	2010	2015	2020	2025	2030	2035	2040	
SFR	SFR_B 5 Yr. Avg.	0.09%	6,116	6,134	6,139	6,169	6,169	6,198	6,227	6,256	6,286	6,315
MFR	MFR_B SFR 5 Yr. Avg.	0.09%	65	65	125	125	125	126	126	127	127	128
COM	COM_D 15 Yr. Avg.	0.28%	510	576	536	527	527	535	542	550	557	565
IND	IND_A Zero Growth Rate	0.00%	14	15	0	0	0	0	0	0	0	0
GOV	GOV_C 10 Yr. Avg.	0.23%	84	87	89	89	89	90	91	92	93	94
OTH	OTH_E 20 Yr. Avg.	0.02%	9	6	5	8	8	8	8	8	8	8
TOTAL	Average growth rate 2011-2040	0.11%	6,798	6,883	6,895	6,918	6,918	6,956	6,994	7,032	7,071	7,110

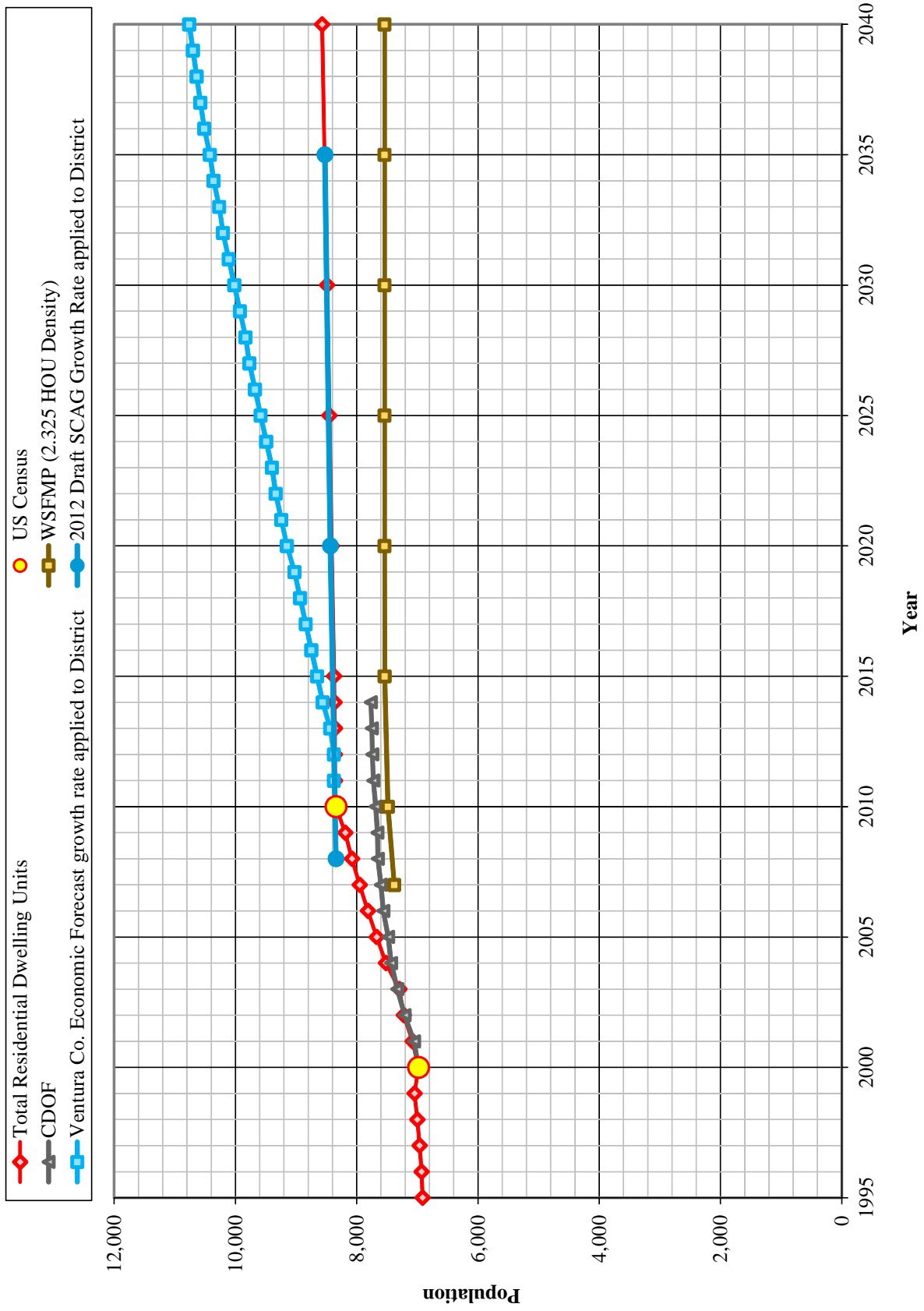
California Water Service Company - Westlake District
Water Supply and Demand Analysis and Projections
MarPlot Summary



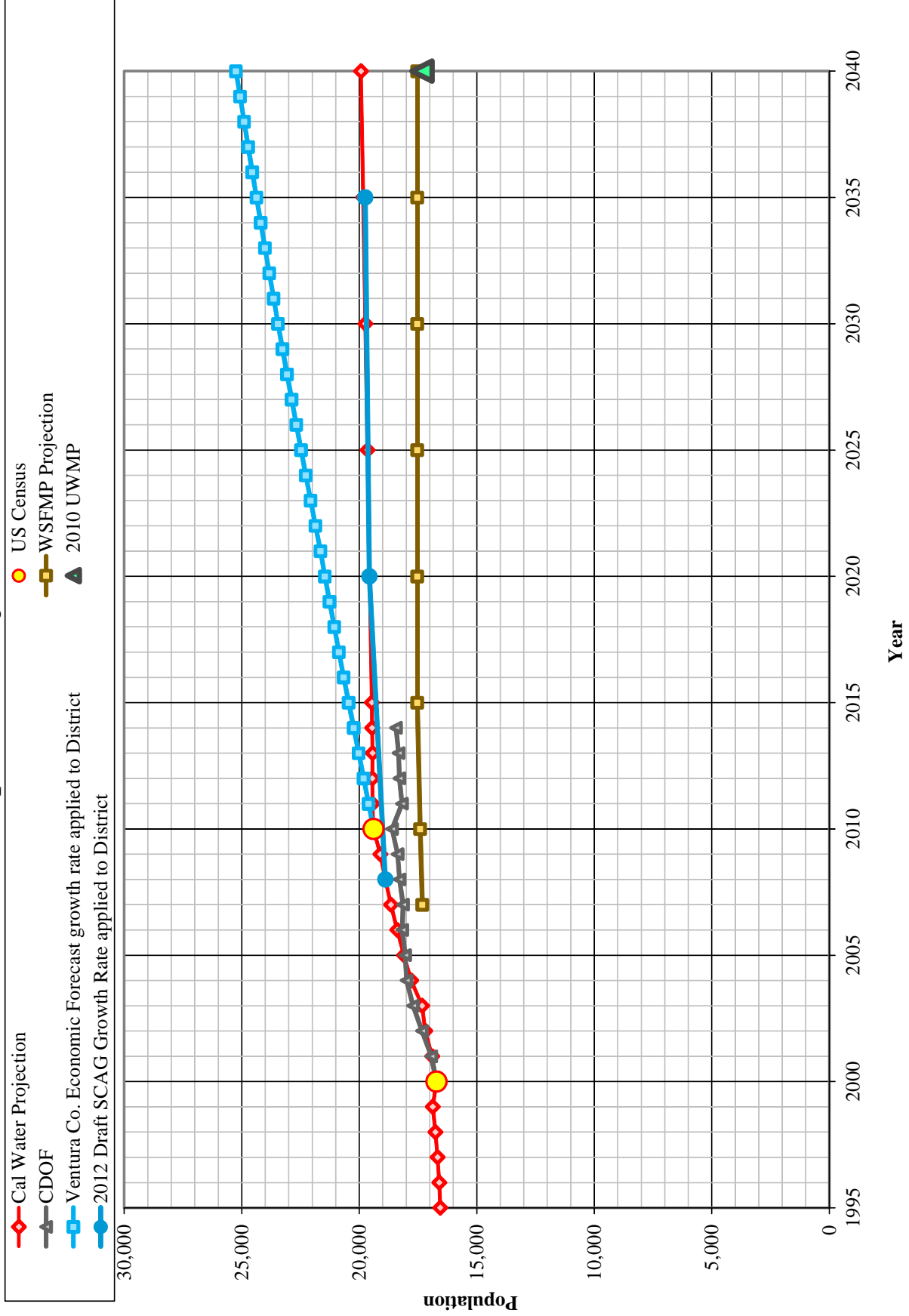
System	US Census 2000 Summary			US Census 2010 Summary			2000-2010 Change				
	Census Tract Blocks	Population	Housing Units (HU)	Density	Census Tract Blocks	Population	Housing Units (HU)	Density	Percentage Population Change	Percentage HU Change	Density Change
Westlake	111	16,717	6,982	2.39	133	19,397	8,343	2.32	116.0%	119.5%	97.1%
	111	16,717	6,982	2.39	133	19,397	8,343	2.32	116.0%	119.5%	97.1%

MARPLOT disclaimer: The population and housing number given above are only rough estimates. They are based on the US Census Blocks. Although Census Blocks are polygons, MARPLOT uses the centroid, or center point, rather than the entire polygon. If a Census Block centroid is within any of the MARPLOT selected objects, the population and housing numbers for that block are tallied, even if only part of the block is within the selected object. It is possible for a block not be counted if its centroid is not within selected objects, even though part of the block is within the selected objects.

Housing Projections



Population Projections



California Water Service Company - Westlake District Water Supply and Demand Analysis and Projections Population Estimate

Year	US Census		Persons per Housing Unit	Single Family Residential		Multi Family Residential			Flat Rate Residential Services (DU)	
	Population	Housing Units		Residential Services (DU)	Residential Services (DU)	Services	Residential Units (DU)	Unit Density		
2000	16,717	6,982	2.394	6,116	65	866	13.3	866	13.3	0
2010	19,397	8,343	2.325	6,139	125	2,204	17.6	2,204	17.6	0
	16.0%	19.5%	-2.9%	0.4%	92.3%	154.6%	32.4%			0.0%

Year	Single Family Residential Services (DU)	Multi Family Residential		Flat Rate Residential Services (DU)	Total Residential Dwelling Units	Persons per Housing Unit	Estimated District Population
		Services	Residential Units (DU)				
1995	6,048	65	866	0	6,913	2.394	16,553
1996	6,065	65	866	0	6,930	2.394	16,593
1997	6,097	65	866	0	6,963	2.394	16,671
1998	6,134	65	866	0	6,999	2.394	16,758
1999	6,181	65	866	0	7,047	2.394	16,872
2000	6,116	65	866	0	6,982	2.394	16,717
2001	6,079	65	999	0	7,079	2.387	16,899
2002	6,090	65	1,133	0	7,223	2.380	17,195
2003	6,031	64	1,267	0	7,298	2.373	17,322
2004	6,117	65	1,401	0	7,517	2.367	17,790
2005	6,134	65	1,535	0	7,669	2.360	18,096
2006	6,147	65	1,668	0	7,815	2.353	18,387
2007	6,149	100	1,802	0	7,951	2.346	18,651
2008	6,142	120	1,936	0	8,077	2.339	18,892
2009	6,121	125	2,070	0	8,191	2.332	19,100
2010	6,139	125	2,204	0	8,343	2.325	19,397
2011	6,156	125	2,204	0	8,359	2.325	19,435
2012	6,158	125	2,204	0	8,361	2.325	19,440
2013	6,155	125	2,204	0	8,359	2.325	19,434
2014	6,163	125	2,204	0	8,366	2.325	19,451
2015	6,169	125	2,204	0	8,372	2.325	19,465
2020	6,198	126	2,214	0	8,412	2.325	19,557
2025	6,227	126	2,224	0	8,451	2.325	19,649
2030	6,256	127	2,235	0	8,491	2.325	19,741
2035	6,286	127	2,245	0	8,531	2.325	19,834
2040	6,315	128	2,256	0	8,571	2.325	19,928
ACTUAL							
PROJECTED							
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Notes: linear extrapolation used to estimate MFR-DU from 2000. Estimate extend until 2010 due to reclassification, afterwards a constant MFR Unit Density is used.

Blanusa, Danilo

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Follow Up Flag: Follow up
Flag Status: Completed

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Thomas A. Salzano

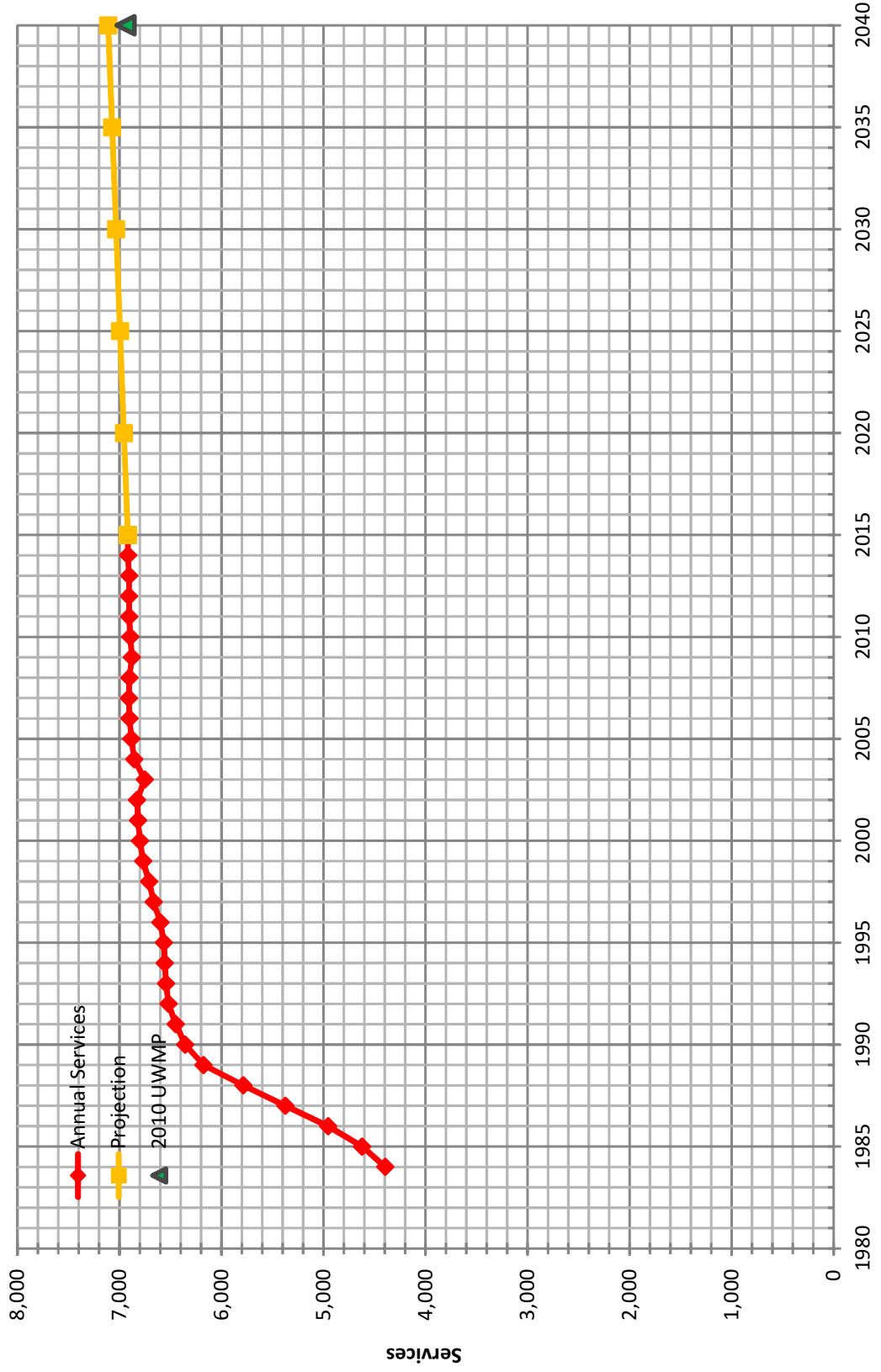
Thomas A. Salzano
Water Resource Planning Supervisor

Danilo Blanusa, P.E.
Senior Engineer
CALIFORNIA WATER SERVICE
408-367-8387



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Historical & Projected Services

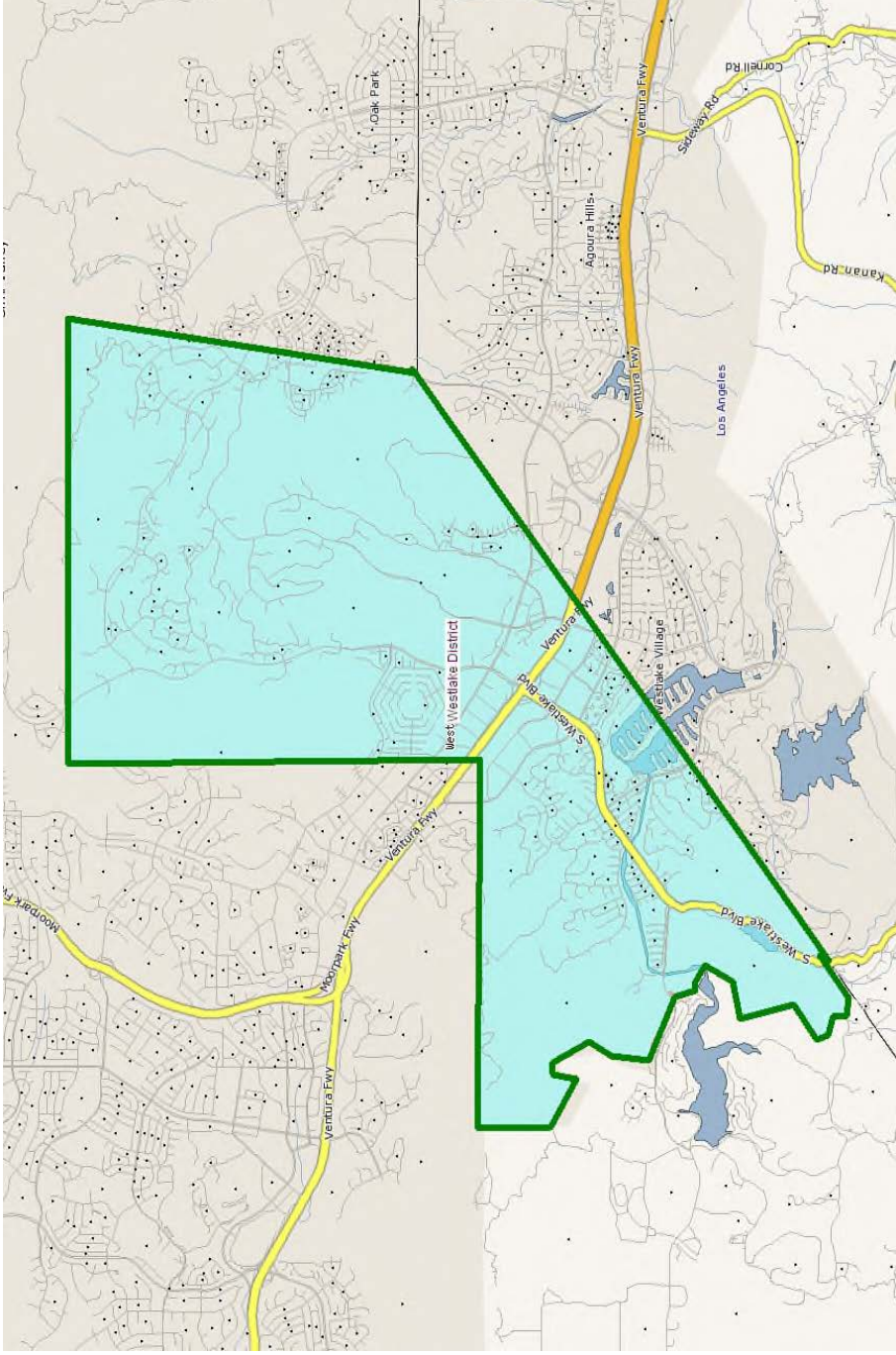


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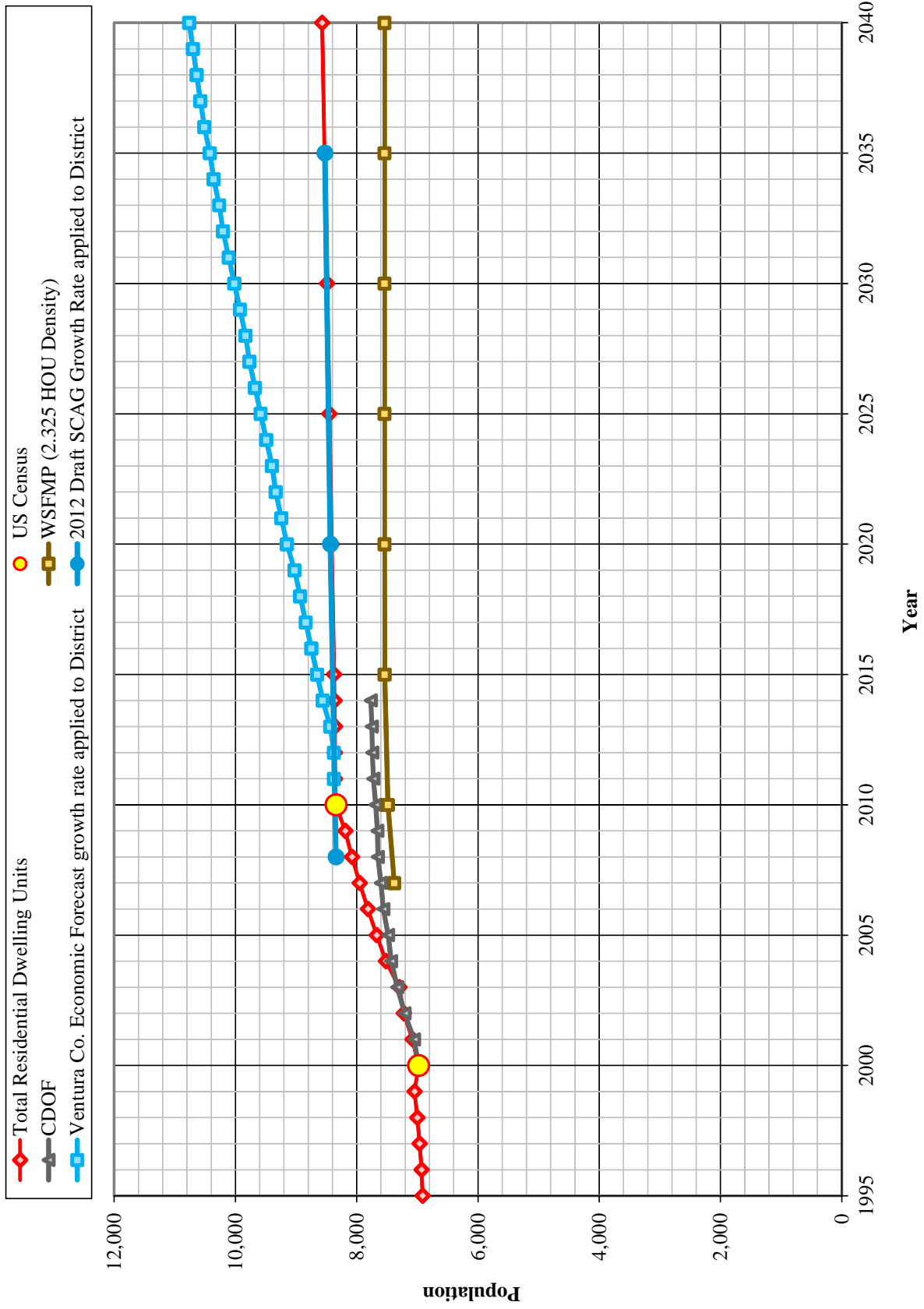
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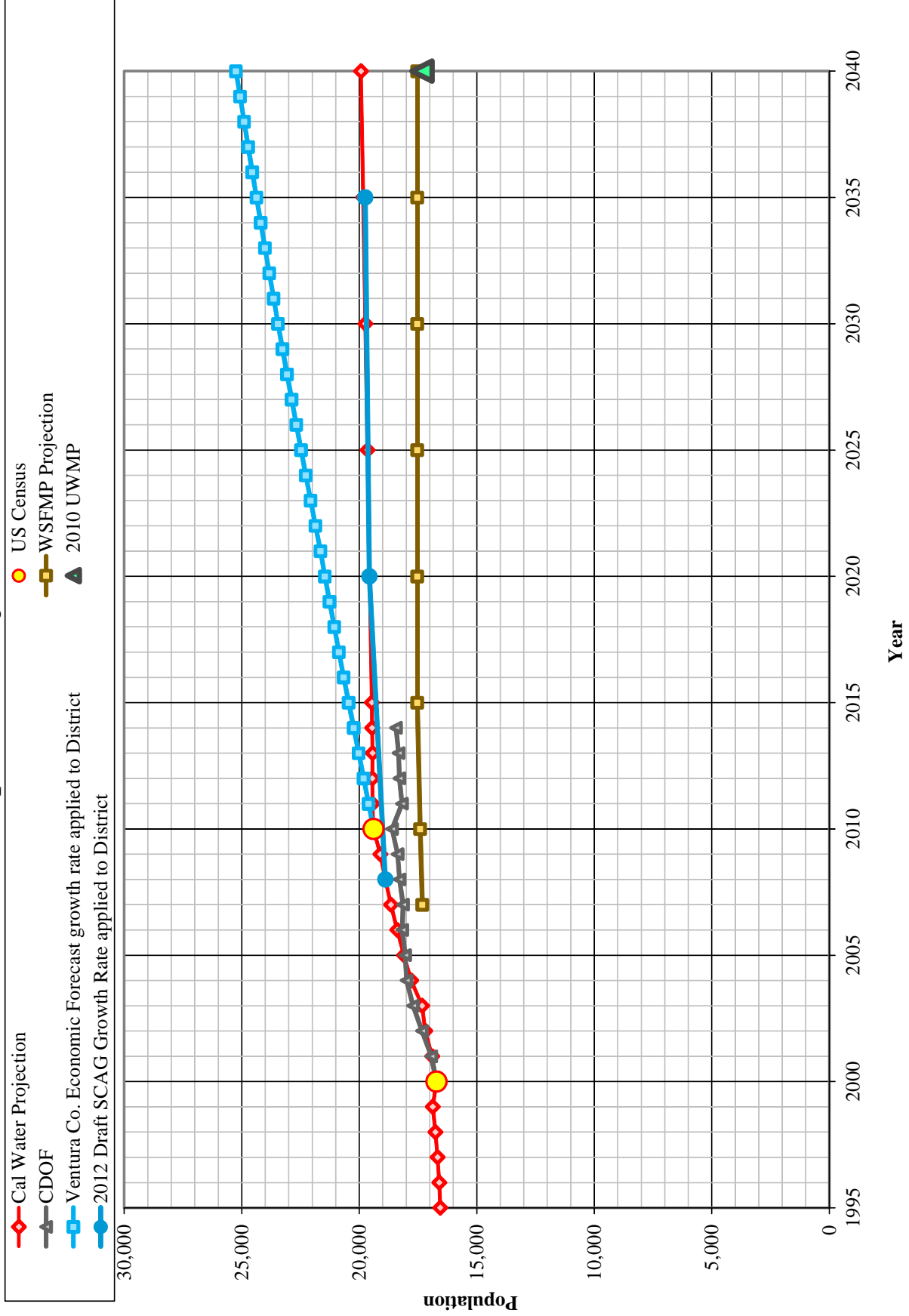
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Housing Projections



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2035	6,286	2,245	127	2,245	0	8,531	2.325	19,834
2040	6,315	2,256	128	2,256	0	8,571	2.325	19,928
ACTUAL								
PROJECTED								
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Notes: linear extrapolation used to estimate MFR-DU from 2000. Estimate extend until 2010 due to reclassification, afterwards a constant MFR Unit Density is used.

Blanusa, Danilo

From: Blanusa, Danilo
Sent: Monday, August 24, 2015 1:36 PM
To: 'Jay T. Spurgin (jspurgin@toaks.org)'
Cc: Salzano, Tom; Bolzowski, Michael R.; Keck, Jonathan; Varney, Douglas
Subject: Cal Water Urban Water Management Plan (UWMP) growth forecast for your review - Westlake District
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Tracking:	Recipient	Delivery
	'Jay T. Spurgin (jspurgin@toaks.org)'	
	Salzano, Tom	Delivered: 8/24/2015 1:36 PM
	Bolzowski, Michael R.	Delivered: 8/24/2015 1:36 PM
	Keck, Jonathan	Delivered: 8/24/2015 1:36 PM
	Varney, Douglas	Delivered: 8/24/2015 1:36 PM

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- **Commercial & Industrial** – Historical trend is a key influence in this customer class, however where we have seen negative trends in recent years for these categories due to the economic downturn, we typically employ either a zero rate of growth or a small, reasonable positive rate of growth. We have also undertaken during the last ten years some reassessment of customer service classifications that has resulted in reallocation of some customer service accounts between various classes. This reallocation, which included commercial, industrial, multi-family residential and in some cases government services, has made the analysis of growth a bit more difficult.
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- A. The historical and projected service data in both graph and table form
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- E. Table of population and housing values along with multi-family residential unit density and persons per housing unit density that are employed in this forecast effort.

Please note that the 2015 data, which we need to include in our finished forecast, is not yet final, and some minor fluctuation of these values is possible.

Please examine these documents to determine if you concur with our forecasted housing and population numbers. It would be greatly appreciated if you could, by **September 11, 2015**, provide us with an indication of your support or in the case you do not agree with our forecast a reason why and the appropriate rate or growth pattern that we should employ. **If I do not hear back from you by the end of business (EOB) on the above date I will assume that you concur with our forecast.**

If you need a more detailed explanation of these numbers or want to review them with us please feel free to contact me at (408) 367-8340 or by email at tsalzano@calwater.com.

Thank you for your assistance in this effort.

Respectfully,

Thomas A. Salzano

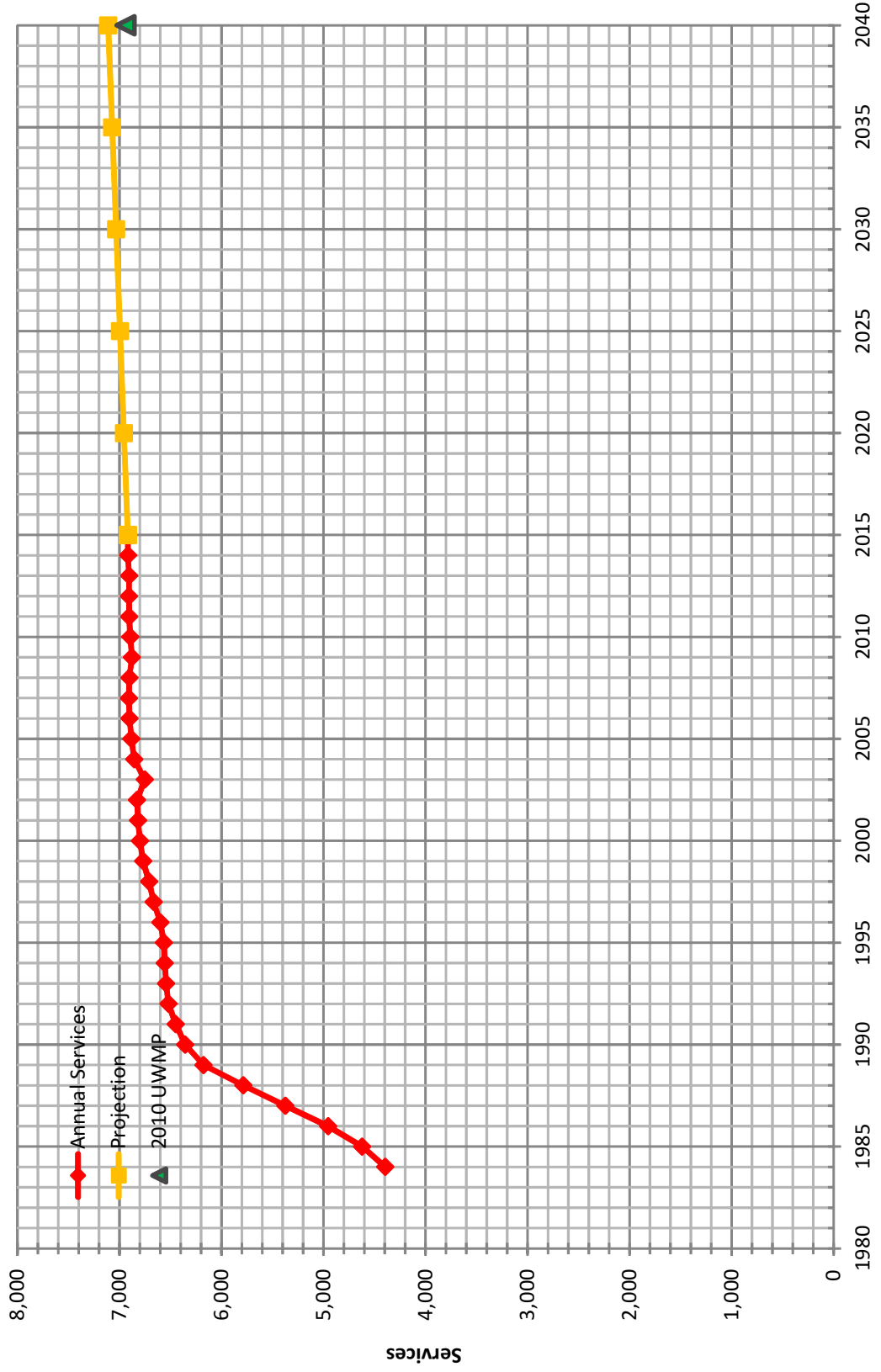
Thomas A. Salzano
Water Resource Planning Supervisor

Danilo Blanusa, P.E.
Senior Engineer
CALIFORNIA WATER SERVICE
408-367-8387



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Historical & Projected Services

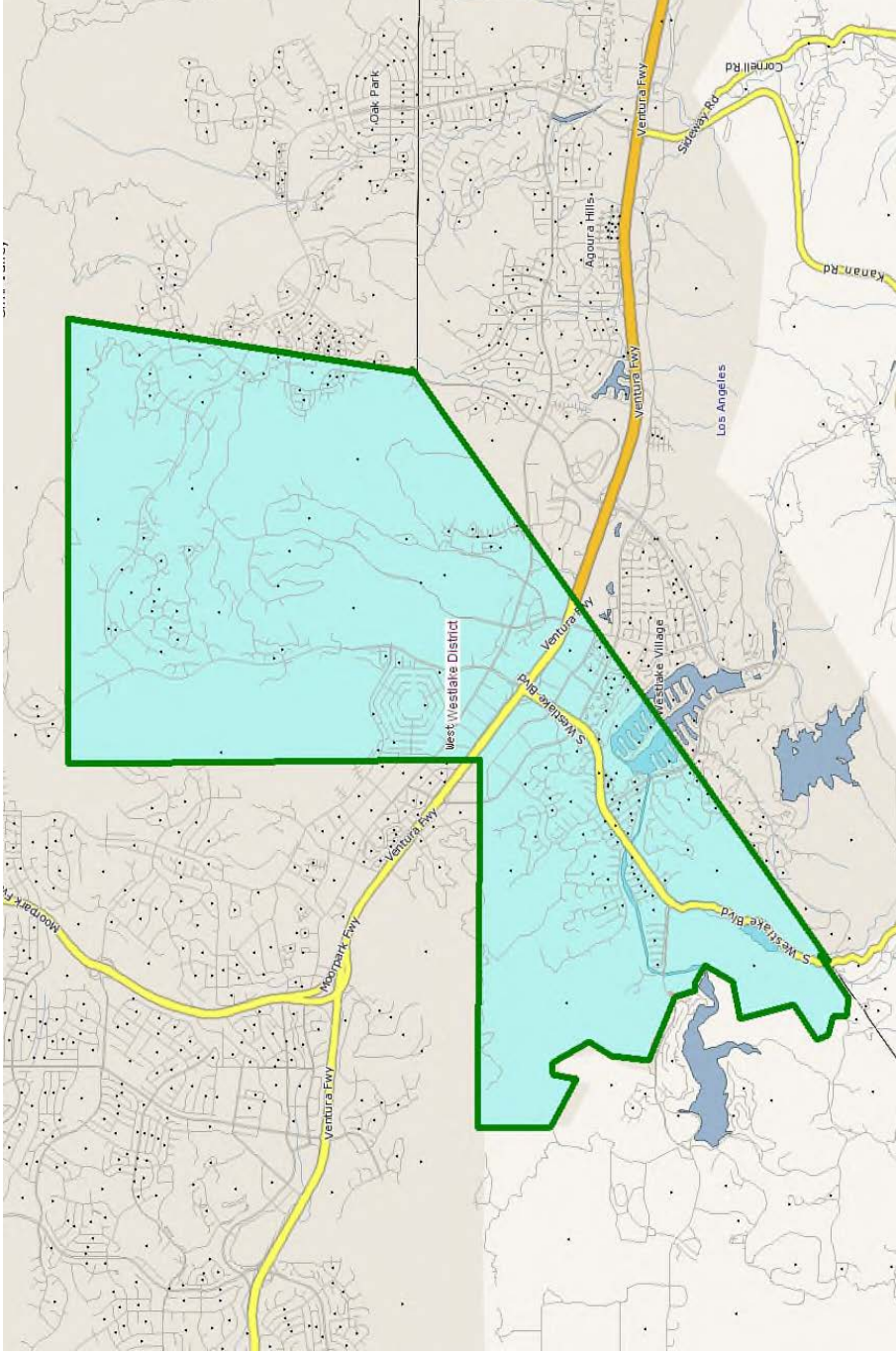


California Water Service Company - Westlake District
Water Supply and Demand Analysis and Projections

Actual & Projected Annual Average Services

Customer Category	Selected Trend	Growth Rate	Actual Services					Projected Services				
			2000	2005	2010	2015	2020	2025	2030	2035	2040	
SFR	SFR_B 5 Yr. Avg.	0.09%	6,116	6,134	6,139	6,169	6,169	6,198	6,227	6,256	6,286	6,315
MFR	MFR_B SFR 5 Yr. Avg.	0.09%	65	65	125	125	125	126	126	127	127	128
COM	COM_D 15 Yr. Avg.	0.28%	510	576	536	527	527	535	542	550	557	565
IND	IND_A Zero Growth Rate	0.00%	14	15	0	0	0	0	0	0	0	0
GOV	GOV_C 10 Yr. Avg.	0.23%	84	87	89	89	89	90	91	92	93	94
OTH	OTH_E 20 Yr. Avg.	0.02%	9	6	5	8	8	8	8	8	8	8
TOTAL	Average growth rate 2011-2040	0.11%	6,798	6,883	6,895	6,918	6,918	6,956	6,994	7,032	7,071	7,110

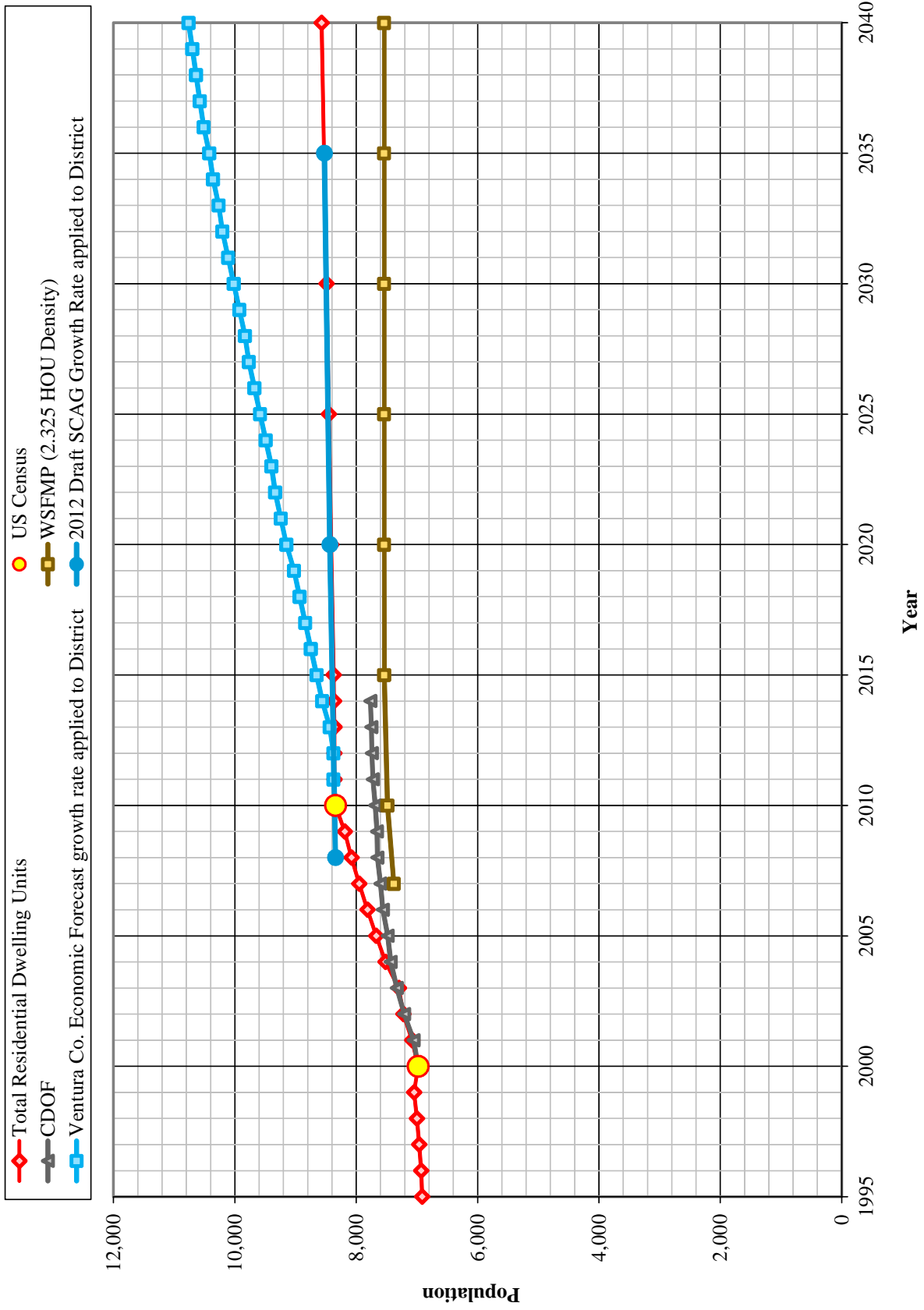
**California Water Service Company - Westlake District
Water Supply and Demand Analysis and Projections
MarPlot Summary**



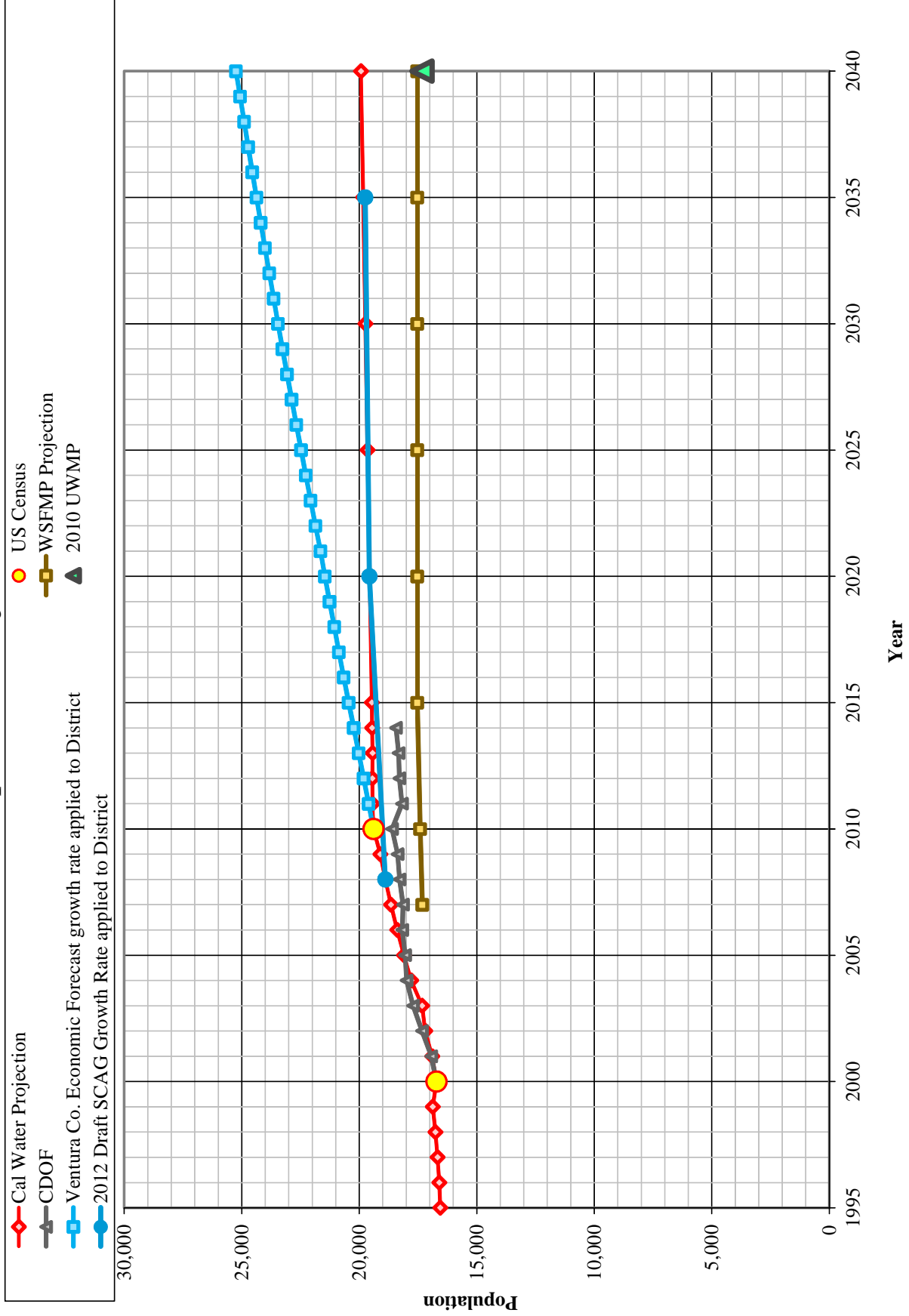
System	US Census 2000 Summary			US Census 2010 Summary			2000-2010 Change				
	Census Tract Blocks	Population	Housing Units (HU)	Density	Census Tract Blocks	Population	Housing Units (HU)	Density	Percentage Population Change	Percentage HU Change	Density Change
Westlake	111	16,717	6,982	2.39	133	19,397	8,343	2.32	116.0%	119.5%	97.1%
	111	16,717	6,982	2.39	133	19,397	8,343	2.32	116.0%	119.5%	97.1%

MARPLOT disclaimer: The population and housing number given above are only rough estimates. They are based on the US Census Blocks. Although Census Blocks are polygons, MARPLOT uses the centroid, or center point, rather than the entire polygon. If a Census Block centroid is within any of the MARPLOT selected objects, the population and housing numbers for that block are tallied, even if only part of the block is within the selected object. It is possible for a block not be counted if its centroid is not within selected objects, even though part of the block is within the selected objects.

Housing Projections



Population Projections



California Water Service Company - Westlake District Water Supply and Demand Analysis and Projections Population Estimate

Year	US Census		Persons per Housing Unit	Single Family Residential		Multi Family Residential			Flat Rate Residential Services (DU)
	Population	Housing Units		Residential Services (DU)	Residential Services (DU)	Services	Residential Units (DU)	Unit Density	
2000	16,717	6,982	2.394	6,116	866	65	866	13.3	0
2010	19,397	8,343	2.325	6,139	125	125	2,204	17.6	0
	16.0%	19.5%	-2.9%	0.4%	92.3%		154.6%	32.4%	0.0%

Year	Single Family Residential Services (DU)	Multi Family Residential		Persons per Housing Unit	Flat Rate Residential Services (DU)	Total Residential Dwelling Units	Persons per Housing Unit	Estimated District Population
		Services	Residential Units (DU)					
1995	6,048	65	866	13.3	0	6,913	2.394	16,553
1996	6,065	65	866	13.3	0	6,930	2.394	16,593
1997	6,097	65	866	13.3	0	6,963	2.394	16,671
1998	6,134	65	866	13.3	0	6,999	2.394	16,758
1999	6,181	65	866	13.3	0	7,047	2.394	16,872
2000	6,116	65	866	13.3	0	6,982	2.394	16,717
2001	6,079	65	999	15.4	0	7,079	2.387	16,899
2002	6,090	65	1,133	17.4	0	7,223	2.380	17,195
2003	6,031	64	1,267	19.8	0	7,298	2.373	17,322
2004	6,117	65	1,401	21.6	0	7,517	2.367	17,790
2005	6,134	65	1,535	23.6	0	7,669	2.360	18,096
2006	6,147	65	1,668	25.7	0	7,815	2.353	18,387
2007	6,149	100	1,802	18.0	0	7,951	2.346	18,651
2008	6,142	120	1,936	16.1	0	8,077	2.339	18,892
2009	6,121	125	2,070	16.6	0	8,191	2.332	19,100
2010	6,139	125	2,204	17.6	0	8,343	2.325	19,397
2011	6,156	125	2,204	17.6	0	8,359	2.325	19,435
2012	6,158	125	2,204	17.6	0	8,361	2.325	19,440
2013	6,155	125	2,204	17.6	0	8,359	2.325	19,434
2014	6,163	125	2,204	17.6	0	8,366	2.325	19,451
2015	6,169	125	2,204	17.6	0	8,372	2.325	19,465
2020	6,198	126	2,214	17.6	0	8,412	2.325	19,557
2025	6,227	126	2,224	17.6	0	8,451	2.325	19,649
2030	6,256	127	2,235	17.6	0	8,491	2.325	19,741
2035	6,286	127	2,245	17.6	0	8,531	2.325	19,834
2040	6,315	128	2,256	17.6	0	8,571	2.325	19,928
ACTUAL								ACTUAL
PROJECTED								PROJECTED
Λ								Λ
∩								∩
V								V

Notes: linear extrapolation used to estimate MFR-DU from 2000. Estimate extend until 2010 due to reclassification, afterwards a constant MFR Unit Density is used.

Blanusa, Danilo

From: Bradley Bussell <BBussell@toaks.org>
Sent: Friday, September 04, 2015 11:52 AM
To: Salzano, Tom
Cc: Blanusa, Danilo; Bolzowski, Michael R.; Shahamiri, Shamir; Spurgin, Jay
Subject: RE: Fwd: Cal Water Urban Water Management Plan (UWMP) growth forecast for your review - Westlake District

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Blue Category

Tom,

If you're looking for an exact number of future service connections, I don't believe we can provide you with that number. The only data we can provide is an acreage of undeveloped land, that has the potential for development, or areas of potential developed land that may be redeveloped to a higher density. We use our Water Master Plan to provide a future water consumption based on the type of development. If you want we can have a conference call next week with our planning department to clarify the type of data your looking for.

--brad--

Brad Bussell, PE, MPPA
Associate Civil Engineer
City of Thousand Oaks
Phone: (805)449-2423
bbussell@toaks.org



Brad,

I don't think that the table you attached will be of much to us since we do not have a way to equate the increase in developed acreage to customer service connections. Thanks for your suggestion though.

Tom

Thomas A. Salzano

Water Resource Planning Supervisor
California Water Service
1720 North First Street, San Jose, CA 95112-4598
(408) 367-8340
tsalzano@calwater.com

From: Bradley Bussell [mailto:BBussell@toaks.org]
Sent: Monday, August 31, 2015 12:06 PM
To: Salzano, Tom
Cc: Shahamiri, Shamir; Spurgin, Jay
Subject: Re: Fwd: Cal Water Urban Water Management Plan (UWMP) growth forecast for your review - Westlake District

Thomas,

I've discussed your request with the City's Planning Department, and I believe we can provide you with projected future projects by land use. I've attached a copy of the City's future water demands by land use, which was

incorporated in our 2010 UWMP. Before I ask them to prepare the data, please review the table and let me know if this is what you are looking for.

Brad Bussell, PE, MPPA
Associate Civil Engineer
City of Thousand Oaks
Phone: (805)449-2423
bbussell@toaks.org



From: "Blanusa, Danilo" <dblanus@calwater.com>
To: "Jay T. Spurgin (jspurgin@toaks.org)" <jspurgin@toaks.org>
CC: "Salzano, Tom" <TSalzano@calwater.com>, "Bolzowski, Michael R." <mbolzowski@calwater.com>, "Keck, Jonathan" <jkeck@calwater.com>, "Varney,Douglas" <DVarney@calwater.com>
Date: 8/24/2015 1:36 PM
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Danilo Blanusa, P.E.

Senior Engineer

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Appendix C: Correspondences

- UWMP Public Draft Comments

Note: There were no comments received on the UWMP Public Draft.