

# **Appendix N**

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**Water Supply Assessments for  
SAP Area and PRSP Area**



PLACER COUNTY WATER AGENCY  
SINCE 1957

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November 3, 2017

Paul Thompson, Assistant Director  
Placer County, Community Development Resource Agency  
3091 County Center Drive  
Auburn, CA 95603

SUBJECT: Senate Bill (SB) 610 Request for the Placer Ranch Specific Plan

Dear Mr. Thompson:

This letter is in response to your request of April 14, 2017, for an updated Water Supply Assessment (WSA) pursuant to SB 610 (Government Code 65858) for the proposed Placer Ranch Specific Plan. This response was approved by the PCWA Board of Directors at its November 2, 2017 meeting.

### PROJECT OVERVIEW

The Placer Ranch Specific Plan proposes a development of industrial, commercial, office and professional, residential, and educational land uses on approximately 2,213 acres in western Placer County. The project, as presented in the June 24, 2016 land use plan submitted to the Agency ("Land Use Plan"), proposes 5,827 dwelling units (including campus housing), approximately 301 acres for a university, 26 acres of general commercial, 49 acres of commercial mixed use, 396 acres for campus park (mix of office, general commercial, research & development, and light industrial), 361 acres of open space and public uses, and 317 acres of roadway. This project is being processed under the land use jurisdiction of Placer County.

### APPROACH TO SB 610 COMPLIANCE

Requirements of WSAs under SB 610 are contained in Water Code (WC) section 10910. A WSA for the Placer Ranch Specific Plan was previously written and approved by the PCWA Board of Directors at its May 4, 2006 meeting. Per WC 10910(h), if a compliant WSA has already been prepared that demonstrates adequate supplies and project demands have not increased, a new assessment is not required. Demands of the Placer Ranch Specific Plan have not increased, in fact, they have decreased. Nor has the ability for PCWA to adequately serve the project changed. The findings of the 2006 WSA regarding water supply sufficiency are still valid. However, this updated WSA has been prepared to coincide with the demands of the Placer

Ranch Specific Plan estimated in PCWA's 2015 Urban Water Management Plan (UWMP), which was adopted June 2, 2016.

If the project demand is accounted for in the UWMP, per WC 10910(c), the analyses of the UWMP may be incorporated to comply with requirements of the WSA. Specifically, these analyses include surface water supply (subdivisions (d) and (e)), groundwater supplies (subdivision (f)), and finding of sufficiency (subdivision (g)). The potable water demand of the Placer Ranch Specific Plan is identified in the 2015 UWMP, Table 4-9 "Summary of Zone 1 Retailed Treated Demand by Subarea." This table presents a buildout demand value of 9,656 acre-feet per year (AFY) for the Sunset Industrial Area. The Placer Ranch Specific Plan is part of the Sunset Industrial Area in the 2015 UWMP, which accounted for 4,860 AFY of the presented value. Recycled water is identified as a supply in the 2015 UWMP, Table 3-2 "Recycled Water Supplies," accounting for a buildout use of 9,000 AFY for all of western Placer County. The recycled water demand of the Placer Ranch Specific Plan is accounted for in this value.

Given that the Placer Ranch Specific Plan potable and recycled water demands are accounted for in the 2015 UWMP, the information, analyses, and findings of the UWMP are incorporated herein. In order to provide a complete summary, this letter provides a description of project water demands, a brief summary of water supplies, and conclusion of sufficiency. Additionally, a summary of water supply infrastructure requirements is provided herein.

## **PROJECT WATER DEMANDS**

The Agency received a Potable Water Master Plan for the Placer Ranch Specific Plan, prepared by MacKay & Soms and HydroScience Engineers, dated July 18, 2017. This plan estimated project demands, conducted hydraulic analysis of potable water supply infrastructure, and made recommendations, including phasing of the infrastructure to match development of the project. This plan used water demand versus land use factors that match those of the 2015 UWMP. Additionally, this plan used Agency criteria for potable water supply infrastructure and was reviewed and approved by Agency staff. The estimated demand of the Potable Water Master Plan is 3,698 AFY; however, this value does not include non-revenue water. The 2015 UWMP estimates non-revenue water to be 8% for future conditions. After including this factor, the project potable demand is estimated to be 3,994 AFY.

The Agency also received a Recycled Water Master Plan for this project, dated July 18, 2017 and prepared by the same authors. This plan provided analyses similar to that of the Potable Water Master Plan; however, used a market assessment to arrive at project demands. This plan was reviewed and approved by Agency staff. The estimated demand of the Recycled Water Master Plan is 816 AFY, or 881 AFY after inclusion of non-revenue water.

## **WATER SUPPLY**

A summary of each of the water supplies contemplated for the proposed Land Use Plan is provided below.

### **SURFACE WATER**

Surface water will be the main source of water for the Placer Ranch Specific Plan. Water will be supplied through the Foothill-Sunset-Ophir treated water system.

The Agency has several sources of surface water supply available for use in western Placer County, including the Placer Ranch Specific Plan area. These supplies are listed as follows:

- Pacific Gas & Electric (PG&E) Company Contract – 100,400 AFY
- Middle Fork Project (MFP) Water Rights – 120,000 AFY
- Central Valley Project (CVP) Contract – 35,000 AFY
- Pre-1914 Water Rights – 3,400 AFY

Chapter 3 of the 2015 UWMP provides detailed discussion and information regarding these sources of water supply, including normal year, single dry year, and multi-dry year reliability. The 2015 UWMP defines the single dry year as the most severe case, modeled after 1977 drought conditions. The drought conditions of 2014-15 were similar, but not quite as severe as in 1977. For a single dry year, surface water supply allocations are assumed to be 67% for MFP supply, 50% for PG&E and CVP supplies, and 25% for pre-1914 supply. More details of water supply reliability can be found in section 3.7 of the 2015 UWMP.

### **GROUNDWATER**

The Agency is a member of the West Placer Groundwater Sustainability Agency (GSA) and operates two existing wells in western Placer County. These wells are in the Sunset Industrial Area immediately adjacent to the project area. The Agency uses groundwater only in drought or other water supply emergencies. The 2015 UWMP estimates a total of five wells at buildout, each producing 1,000 AFY for a total groundwater supply of 5,000 AFY.

Two groundwater wells are planned to be within the Placer Ranch Specific Plan, which are presently identified in the Land Use Plan on parcels PR-93 (0.23 acres) and PR-98 (2.14 acres).

The West Placer GSA has jurisdiction over a portion of the North American Sub-basin of the Sacramento Valley Groundwater Basin. The west Placer portion of this basin currently operates within sustainable yield, estimated to be approximately 90,000 AFY. Placer County General Plan Policy prohibits new development solely supplied by groundwater, which has contributed significantly to sustainable conditions.

Based on the use of groundwater as a backup supply, the Agency estimates that groundwater will be available in the amount needed to serve the proposed Land Use Plan.

#### **RECYCLED WATER**

Recycled water use by projects in western Placer County is estimated in the Agency's 2015 UWMP. Such demand is assumed in public landscape areas and for appropriate industrial uses. The assumed buildout use is 9,000 AFY, which can be adequately supplied by a combination of the City of Lincoln wastewater treatment plant and the South Placer Wastewater Authority wastewater treatment plants, which are operated by the City of Roseville.

The 2015 UWMP assumed other water suppliers to be the purveyors of recycled water, in which these supplies were accounted for only as a displacement of potable water use. However, more recent planning is for PCWA to be the retail recycled water supplier in the Sunset Area, which includes the Placer Ranch Specific Plan area.

The County is coordinating with both the City of Lincoln and Roseville on the transfer of rights to recycled water supplies to PCWA for service in the Sunset Area. Once transfer of rights have been made, the Agency will begin negotiations of water supply and operations agreements with each of the cities.

Based on the application of recycled water for public landscape areas and appropriate industrial uses, the Agency estimates that recycled water will be available in the amount needed to serve the proposed Land Use Plan, subject to successful transfer of rights described herein.

#### **WATER SUPPLY INFRASTRUCTURE REQUIREMENTS**

There is no Agency treated water service infrastructure to the Land Use Plan area at this time. Water can be made available from the Agency's 16-inch treated water main located in Nichols Drive and 24-inch treated water main located in Sunset Boulevard. Prior to buildout, water will likely be obtained from the Agency's 42-inch treated water main located in Whitney Ranch Boulevard and Highway 65. In order to obtain service, the developer will have to enter into facilities agreements with the Agency to provide any on-site or off-site pipelines or other facilities if they are needed to supply water for domestic or fire protection purposes and pay all fees and charges required by the Agency, including the Water Connection Charges. The Agency worked with the County and their consultants, MacKay & Soms and HydroScience Engineers, on infrastructure needs to support water supply to the Land Use Area. The following is a summary of the infrastructure identified in the above referenced master plans:

- 1) Onsite Infrastructure
  - (i) 2 wells with pump stations

- (ii) 1 Potable Water Tank with pump station
- (iii) 1 Recycled Water Tank with pump station
- (iv) Corporation Yard
- (v) Appropriate pressure reducing and pump stations for operating pressure zones
- (vi) A network of water distribution mains
- (vii) A transmission main from east to west through the project (ranging in size from 42-inches down to 30-inches)

2) Off-site Infrastructure

- (i) Connections at Nichols Drive, Sunset Boulevard, and the Highway 65 interchange with Whitney Ranch Boulevard
- (ii) 42-inch transmission main from Highway 65 to the east end of the project
- (iii) Recycled waterline from the City of Roseville in Woodcreek Oaks Boulevard

**OTHER CONDITIONS FOR SERVICE**

Through the integrated use of existing surface water supplies, recycled water, and groundwater as proposed herein, the Agency has an adequate water supply to meet the anticipated buildout demands of the Placer Ranch Specific Plan in addition to the rest of the buildout demands currently anticipated in the Agency's service area. This is true in normal, single dry, and multi-dry years.

Depending upon the timing of water needs from this project and because the Agency has a first-come, first-serve policy for serving new customers, the completion of specific PCWA planned infrastructure projects may be required before the Agency can provide water service to the Placer Ranch Specific Plan. Completion of additional water treatment capacity and transmission facilities associated with the Agency's planned Ophir Water Treatment Plant project, currently under design, will be required.

In addition, the Placer Ranch Specific Plan will need to extend the Agency's existing transmission infrastructure to the project site and construct the needed onsite infrastructure, including the potable water distribution system, storage facilities, domestic water supply wells and recycled water supply facilities. The County is currently planning the Placer Parkway Phase 1 project, which will extend the Agency's transmission infrastructure west towards the project site, and anticipates starting construction by the end of 2018. The Agency is coordinating with the County to have portions of its 42-inch treated water main extended as part of this project; however, it will be a requirement of developers of the PRSP to continue this extension westward into their project.

## CONCLUSION OF SUFFICIENCY

The proposed Land Use Plan was included in the Agency's 2015 UWMP as having a demand of 4,860 AFY, in which there is adequate supply in normal, single dry, and multi-dry years. Chapter 7 of the 2015 UWMP details the complete supply versus demand conditions for each of these scenarios. It is demonstrated that buildout demands can be met in droughts without extreme levels of customer conservation. The Placer Ranch Potable Water Master Plan identifies a demand of 3,994 AFY. Given that this value is less than the value identified in the 2015 UWMP, there are sufficient supplies to meet the needs of the proposed Land Use Plan. The Agency concludes that existing and planned future supplies will be sufficient to meet demand from existing development, buildout of the proposed Land Use Plan, and from other planned future land uses, including agricultural and manufacturing uses.

If you have any questions on this subject, please call Brian Rickards, PCWA Associate Engineer, at (530) 823-4886.

Sincerely,



R. Brent Smith, PE  
Director of Technical Services

RBS:sw

cc: Board of Directors  
Einar Maisch  
Tony Firenzi  
Brian Rickards



PLACER COUNTY WATER AGENCY  
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November 3, 2017

Paul Thompson, Assistant Director  
Placer County, Community Development Resource Agency  
3091 County Center Drive  
Auburn, CA 95603

SUBJECT: Senate Bill (SB) 610 Request for the Sunset Area Plan

Dear Mr. Thompson:

This letter is in response to your request of September 11, 2017, for a Water Supply Assessment (WSA) pursuant to SB 610 (Government Code 65858) for the proposed Sunset Area Plan. PCWA is aware that Placer County is in the process of preparing a Draft Environmental Impact Report for both the Sunset Area Plan and the Placer Ranch Specific Plan (PRSP). The Agency has conducted WSAs for both land use proposals. Given that the PRSP is within the Sunset Area, the findings of that WSA are incorporated herein. This response was approved by the PCWA Board of Directors at its November 2, 2017 meeting.

## PROJECT OVERVIEW

The current Sunset Industrial Area Plan was adopted by the Placer County Board of Supervisors in 1997, which included heavy industrial and agricultural uses. The County has completed an extensive study to evaluate the market for current and future development opportunities. The study included preparation of an updated land use plan that is compatible with identified opportunities. As a result of this study, this land use plan will now be more commonly referred to as the Sunset Area, moving away from previous emphasis on industrial and agricultural land use.

The Sunset Area, as presented in the May 10, 2017 land use plan submitted to the Agency ("Land Use Plan"), encompasses approximately 8,101 acres located in western Placer County. The Land Use Plan includes the Placer Ranch Specific Plan, which is 2,213 acres of the 8,101 acres, located in the southern portion of the Sunset Area. The proposed land use summary is provided in **Table 1**.

Table 1: Sunset Area Plan Land Use Summary.

<b>Land Use Designation</b>	<b>Acres</b>
General Commercial	34.2
Entertainment Mixed-Use	516.8
Business Park	141.6
Innovation Center	1,244.7
Eco-Industrial	927.4
Light Industrial	744.3
Public Facility	2.3
Preserve/Mitigation Reserve	1,955.4
Urban Reserve	320.4
Placer Ranch Specific Plan	2,213.4
<b>Total</b>	<b>8,100.5</b>

### **APPROACH TO SB 610 COMPLIANCE**

Requirements of WSAs under SB 610 are contained in Water Code (WC) section 10910. If the project demand is accounted for in the UWMP, per WC 10910(c), the analyses of the UWMP may be incorporated to comply with requirements of the WSA. Specifically, these analyses include surface water supply (subdivisions (d) and (e)), groundwater supplies (subdivision (f)), and finding of sufficiency (subdivision (g)). The potable water demand of the Sunset Area is identified in the 2015 UWMP, Table 4-9 “Summary of Zone 1 Retail Treated Demand by Subarea.” This table presents a buildout demand value of 9,656 acre-feet per year (AFY) for the Sunset Industrial Area. Recycled water is identified as a supply in the 2015 UWMP, Table 3-2 “Recycled Water Supplies,” accounting for a buildout use of 9,000 AFY for all of western Placer County. The recycled water demand of the Sunset Area is accounted for in this value.

Note that the potable water demands estimated in the 2015 UWMP are based on the 1997 land use plan, but updated in 2015 to reflect planning for the PRSP and more current demand factors for the various land use types. This WSA will make comparison of the values documented for the Sunset Area in the 2015 UWMP with the updated demand estimate submitted by Placer County, described in the next section.

Given that the Land Use Plan potable and recycled water demands are accounted for in the 2015 UWMP, the information, analyses, and findings of the UWMP are incorporated herein. In order to provide a complete summary, this letter provides a description of project water demands, a brief summary of water supplies, and conclusion of sufficiency. Additionally, a summary of water supply infrastructure requirements is provided herein.

## **PROJECT WATER DEMANDS**

The Agency received a Sunset Area Water, Wastewater and Recycled Water Technical Report from the County, prepared by PSOMAS, dated October 2017. This report estimated project demands, discussed project phasing, and made infrastructure recommendations. This report utilized demand estimates by others for the PRSP (referenced in that WSA). This report used water demand versus land use factors that match those of the 2015 UWMP in estimating demands of the remaining Sunset Area. PSOMAS estimates the average day potable water demand for the Sunset Area is 3.58 million gallons per day (mgd) at buildout. This amounts to 4,010 AFY; however, this value does not include non-revenue water. The 2015 UWMP estimates non-revenue water to be 8% for future conditions. After including this factor, the project potable demand is estimated to be 4,330 AFY. This value assumes use of recycled water as discussed below and does not include the potable water demand of PRSP, which is 3,994 AFY. After adding the value for PRSP, the total potable water demand for the Sunset Area is estimated to be 8,324 AFY. A potable water demand summary by land use designation is provided in **Table 2** below.

PSOMAS estimates the average day recycled water demand for the Sunset Area to be 0.77 mgd at buildout. This amounts to 863 AFY, or 932 AFY after inclusion of non-revenue water. This value does not include the recycled water demand of PRSP, which is 881 AFY. After adding the value for PRSP, the total recycled water demand for the Sunset Area is estimated to be 1,813 AFY.

## **WATER SUPPLY**

A summary of each of the water supplies contemplated for the proposed Land Use Plan is provided below.

### **SURFACE WATER**

Surface water will be the main source of water for the Sunset Area Plan. Water will be supplied through the Foothill-Sunset-Ophir treated water system.

The Agency has several sources of surface water supply available for use in western Placer County, including the Sunset Area Plan area. These supplies are listed as follows:

- Pacific Gas & Electric (PG&E) Company Contract – 100,400 AFY
- Middle Fork Project (MFP) Water Rights – 120,000 AFY
- Central Valley Project (CVP) Contract – 35,000 AFY
- Pre-1914 Water Rights – 3,400 AFY

Table 2: Potable Water Demand.

Land Use Designation	Acres	Dwelling Units	Demand Factor (gpd/ac) or (gpd/DU)	Total ADD (mgd)	Recycled ADD (mgd)	Potable ADD (mgd)	Customer Potable Demand (AFY)	System Potable Demand (AFY)
General Commercial	34.2		1,121	0.038	0.009	0.030	33	36
Entertainment Mixed-Use	465.0		2,443	1.136	0.118	1.018	1,141	1,232
Residential	52.0	375	312	0.117	0.013	0.104	116	126
Business Park	141.6		1,121	0.159	0.036	0.123	138	149
Innovation Center	1,058.0		1,121	1.186	0.267	0.919	1,029	1,111
Residential	187.0	2,083	312	0.650	0.047	0.603	675	729
Eco-Industrial <sup>1</sup>	200.0		1,121	0.224	0.088	0.136	152	164
Light Industrial	744.3		1,121	0.834	0.188	0.646	724	781
Public Facility	2.3		2	0.002	0.000	0.002	2	2
Preserve/Mitigation Reserve	1,955.4		0	0.000	0.000	0.000	0	0
Urban Reserve <sup>2</sup>	320.4		0	0.000	0.000	0.000	0	0
Placer Ranch Specific Plan <sup>3</sup>	2,213.4		-	-	-	-	3,698	3,994
<b>Total</b>	<b>7,373.6</b>			<b>4.346</b>	<b>0.766</b>	<b>3.581</b>	<b>7,708</b>	<b>8,324</b>

<sup>1</sup> Only 200 acres of the Eco-Industrial land use designation generate potable water demand.

<sup>2</sup> Demands were not provided for the Urban Reserve area. This area is likely to develop beyond the planning time frame; however, UWMP demonstrates adequate supply.

<sup>3</sup> Demand evaluated in the PRSP Water Master Plan prepared by McKay & Soms and HydroScience Engineers, dated 7/18/17.

### **SURFACE WATER (CONTINUED)**

Chapter 3 of the 2015 UWMP provides detailed discussion and information regarding these sources of water supply, including normal year, single dry year, and multi-dry year reliability. The 2015 UWMP defines the single dry year as the most severe case, modeled after 1977 drought conditions. The drought conditions of 2014-15 were similar, but not quite as severe as in 1977. For a single dry year, surface water supply allocations are assumed to be 67% for MFP supply, 50% for PG&E and CVP supplies, and 25% for pre-1914 supply. More details of water supply reliability can be found in section 3.7 of the 2015 UWMP.

### **GROUNDWATER**

The Agency is a member of the West Placer Groundwater Sustainability Agency (GSA) and operates two existing wells in western Placer County. These wells are in the eastern

portion of the Sunset Area. The Agency uses groundwater only in drought or other water supply emergencies. The 2015 UWMP estimates a total of five wells at buildout, each producing 1,000 AFY for a total groundwater supply of 5,000 AFY. Two groundwater wells are planned to be within the Placer Ranch Specific Plan and are included in the water supply masterplan for that project.

The West Placer GSA has jurisdiction over a portion of the North American Sub-basin of the Sacramento Valley Groundwater Basin. The west Placer portion of this basin currently operates within sustainable yield, estimated to be approximately 90,000 AFY. Placer County General Plan Policy prohibits new development solely supplied by groundwater, which has contributed significantly to sustainable conditions.

Based on the use of groundwater as a backup supply, the Agency estimates that groundwater will be available in the amount needed to serve the proposed Land Use Plan.

#### **RECYCLED WATER**

Recycled water use by projects in western Placer County is estimated in the Agency's 2015 UWMP. Such demand is assumed in public landscape areas and for appropriate industrial uses. The assumed buildout use is 9,000 AFY, which can be adequately supplied by a combination of the City of Lincoln wastewater treatment plant and the South Placer Wastewater Authority wastewater treatment plants, which are operated by the City of Roseville.

The 2015 UWMP assumed other water suppliers to be the purveyors of recycled water, in which these supplies were accounted for only as a displacement of potable water use. However, more recent planning is for PCWA to be the retail recycled water supplier in the Sunset Area.

The County is coordinating with both the City of Lincoln and Roseville on the transfer of rights to recycled water supplies to PCWA for service in the Sunset Area. Once transfer of rights have been made, the Agency will begin negotiations of water supply and operations agreements with each of the cities.

Based on the application of recycled water for public landscape areas and appropriate industrial uses, the Agency estimates that recycled water will be available in the amount needed to serve the proposed Land Use Plan, subject to successful transfer of rights described herein.

## **INFRASTRUCTURE REQUIREMENTS & OTHER CONDITIONS FOR SERVICE**

The plan area will need to extend the Agency's existing transmission infrastructure to the project site and construct the needed onsite infrastructure, including the potable water distribution system, storage facilities, domestic water supply wells and recycled water distribution facilities. Potable water can be made available from the Agency's 16-inch treated water main located in Nichols Drive, 24-inch treated water main located in Sunset Boulevard, or the 18-inch treated water main located in Athens Avenue. Prior to buildout, the backbone water supply to this area will be from the Agency's 42-inch treated water main located in Whitney Ranch Boulevard and Highway 65. In order to obtain service, developers will have to enter into facilities agreements with the Agency to provide any on-site or off-site pipelines or other facilities if they are needed to supply water for domestic or fire protection purposes and pay all fees and charges required by the Agency, including the Water Connection Charges. More specific infrastructure requirements are contained with the WSA for service to the PRSP area. Additionally, the Technical Report prepared by PSOMAS includes preliminary pipeline layouts for both potable and recycled water infrastructure.

Depending upon the timing of water needs from this project and because the Agency has a first-come, first-serve policy for serving new customers, the completion of specific PCWA planned infrastructure projects may be required before the Agency can provide water service for the buildout of the Sunset Area Plan. Additional water treatment capacity and transmission facilities associated with the Agency's planned Ophir Water Treatment Plant project, currently under design, will be required.

The County is currently planning the Placer Parkway Phase 1 project, which will extend the Agency's transmission infrastructure west towards the project site, and anticipates starting construction by the end of 2018. The Agency is coordinating with the County to have portions of its 42-inch treated water main extended as part of this project and will look to developers of the PRSP to continue this extension westward into their project.

## **CONCLUSION OF SUFFICIENCY**

The proposed Land Use Plan was included in the Agency's 2015 UWMP as having a demand of 9,656 AFY, in which there is adequate supply in normal, single dry, and multi-dry years. Chapter 7 of the 2015 UWMP details the complete supply versus demand conditions for each of these scenarios. It is demonstrated that buildout demands can be met in droughts without extreme levels of customer conservation. The analysis completed by the County's consultant, PSOMAS, combined with the analysis for the PRSP, estimates a buildout potable water demand of 8,324 AFY. Given that the estimated demand is 1,332 AFY less than the value identified in the 2015 UWMP, there are sufficient supplies to meet the needs of the proposed Sunset Area Plan. Water demands were not provided by the County for the Urban Reserve Area; however, development of this area is contemplated beyond the 20 year planning horizon of UWMPs. Given the relatively small size of this area, the supply balance of 1,332 AFY is more than adequate for the Urban Reserve Area. Additionally, the 2015 UWMP contemplates a regional planning buffer of 4,000 acre-feet of supply for such circumstances. The Agency concludes that

existing and planned future supplies will be sufficient to meet demand from existing development, buildout of the proposed Land Use Plan, and from other planned future land uses, including agricultural and manufacturing uses.

If you have any questions on this subject, please call Brian Rickards, PCWA Associate Engineer, at (530) 823-4886.

Sincerely,



R. Brent Smith, PE  
Director of Technical Services

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cc: Board of Directors  
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Tony Firenzi  
Brian Rickards