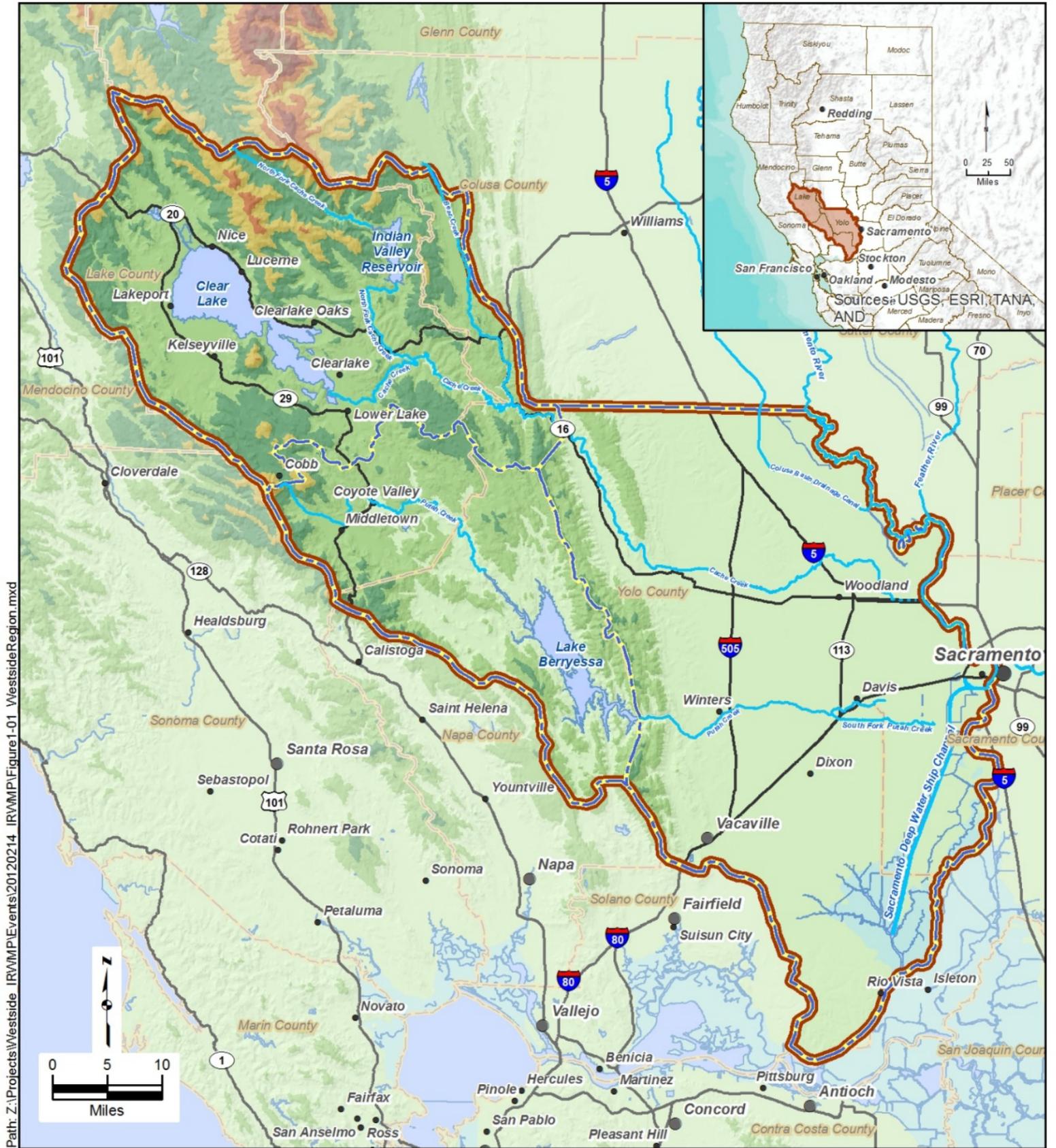


EXHIBIT A-WESTSIDE REGIONAL MAP



Path: Z:\Projects\Westside IRWMP\Events\20120214 IRWMP\Figure 1-01 WestsideRegion.mxd

- Legend**
- Cities
  - County Boundaries
  - Planning Areas
  - ▭ Westside Region
  - ~ Streams
  - ⋯ Projected Flow Pathway
  - ☪ Water Bodies



Kennedy/Jenks Consultants



**The Westside Region**

K/J 1170019.00  
 Revised March, 2013  
**Figure 1-1**

EXHIBIT B-WESTSIDE IRWMP OBJECTIVES

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Education and Awareness Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
1	Provide and promote use of educational curricula designed to increase awareness of watershed and resource stewardship and how individual stewardship relates to community health and well-being for K-12 students starting July 2013 through the planning period.		<p>Availability of curricula suitable to each grade and student population within the Region.</p> <p>Number of schools contacted each year to promote use of curricula. <b>Target:</b> Contact 50% of all schools in Region each year.</p> <p>Number of students who receive instruction from grade-suitable curricula. <b>Target:</b> Reach 30% of students each year starting in 2014.</p>	2, 3, 7, and 11	<p>May host an education summit as part of Plan implementation that could result in new targets to replace current ones.</p> <p>There is a cooperative, statewide effort to help K-12 students learn about the environment and how it relates to their everyday lives called the California Education and the Environment Initiative (EEI). Curriculum information is provided by the California Department of Education.</p>	Medium	Low

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
<b>Education and Awareness Focus</b>						<b>Importance<sup>2</sup></b>	<b>Urgency<sup>3</sup></b>
2	Provide educational information designed to increase awareness of watershed and resource stewardship and how individual stewardship relates to community health and well-being for the adult population within the Region starting July 2013 through the planning period.		Number of people who receive the educational materials/messages within the Region each year.  Target: 10% of population annually.	2, 3, 7, and 11		Medium	Low
<b>Habitat Focus</b>						<b>Importance</b>	<b>Urgency</b>
3	Restore native vegetation and form and function along riparian corridors, canals, and other aquatic sites throughout the Region to provide stream shading, habitat enhancement and increased biological diversity through 2035.		Acres restored along corridors, canals and ditches; Number of native plants planted; Improved connectivity of habitat corridors; etc. Target: Support goals established within NCCPs, HCPs, and other habitat planning documents for the Region.	2, 3, 7, and 11		Medium	Medium

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Habitat Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
4	Quantify the extent of suitable life-cycle habitat currently accessible to threatened, endangered, or imperiled (T/E/I) native fish within the Region by December 31, 2014.		Existence of documentation of extent of suitable life-cycle habitat currently accessible to threatened, endangered, or imperiled native fish within the region.	3, 5, 8, and 11		High	Medium
5	Prioritize, plan, and schedule improvements in suitable life-cycle habitat accessible to threatened, endangered, or imperiled native fish within the Region by December 31, 2015.		The existence of a document with planned, prioritized, and scheduled improvements.	3, 5, 8, and 11		Medium	Low
6	Increase availability of suitable life-cycle habitat for threatened, endangered, or imperiled native fish as designated in result of Objective 5.		Change in the area of suitable life-cycle habitat that is accessible to target species.	5, 8, and 13		High	Medium

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Invasives Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
7	Prevent colonization of any regional water body by Quagga mussels or Zebra mussels and eliminate or prevent the spread of New Zealand mud snails from Putah Creek during the planning period.		Presence (or absence) of target invasive species by location within the Region.	5, 8, 9, and 12		High	High
8	Establish an invasive plant management plan (including specific and measurable targeted outcomes for species of concern and a schedule to accomplish target outcomes) for the entire Region by December 31, 2015.		Existence of an invasive plant management plan for the region or integration of existing plans.	3, 5, 8, 10, 11, and 13	Lake County has a countywide plan that could be integrated with other plans or serve as a basis for a region-wide plan.	Medium	Medium
9	Implement programs and projects to meet the designated outcomes defined in the Invasive Plan Management Plan developed in Objective 8		Measures appropriate to the targeted outcomes designated in the Invasive Plant Management Plan created according to Objective 8.	5, 8, 10, and 13		Medium	Medium

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Infrastructure Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
10	Create an Asset Management Plan for key water management infrastructure within the region consistent with the guidance provided in the <i>International Infrastructure Management Manual</i> by December 31, 2015.		Existence of Asset Management Plan	2, 3, 6, 9, 10, 11, and 12	The California Emergency Management Agency “critical infrastructure protection” criteria and the work done for existing Natural Hazard Mitigation Plans may be a reasonable place to start to identify key management infrastructure within the Region and to set priorities for investment.	Medium	Low
11	Meet 20% by 2020 statewide water conservation targets by December 31, 2020.		Water conservation measured in gallons per capita day as defined by the Water Conservation Act of 2009 and DWR guidance methodologies. Use UWMPs to measure progress.	7, 9, and 12		Medium	Medium
12	Increase adoption of locally cost effective agricultural best management practices (BMPs) throughout the planning period.		Compliance with Senate Bill SBX7-7. Number of required and optional EWMPs adopted.	6, 7, 9, and 12		Medium	Medium

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Recreation Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
13	Maintain and increase water-related recreational opportunities within the Region throughout the planning period.		Describe maintenance activities that benefit water-related recreation performed annually.	5 and 12		Medium	Low
Risk Management Focus							
14	Provide adequate flood protection for all urban and rural areas within the region by December 31, 2050.		Change in calculated level of flood protection. Targets: Provide flood protection consistent with the CVFPP; for urban areas, meet the level of flood protection; for other areas, the FEMA standard; for rural areas provide the level of protection warranted for the assets subject to damage.	4, 10, 12 and 13		High	Medium

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
						Importance <sup>2</sup>	Urgency <sup>3</sup>
15	Manage watershed activities and conditions to reduce the risk of large erosion events that could increase undesirable sediment loading to water bodies throughout the planning period.		<p>Number of large erosion events documented each year.</p> <p>Number of preventive measures taken and repairs made to reduce large erosion events.</p>	5, 6, 7, 10, and 13		Medium	Medium
<b>Understand Watershed Function Focus</b>							
16	Monitor planning of state and federal water related projects and programs in the Delta and estimate potential local impacts throughout the planning period.		<p>Scientific information and studies available that characterize potential impacts to region.</p> <p>Active participation and engagement in specifically identified state and federal water resources planning and projects.</p>	3 and 13		Medium	High

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Understand Watershed Function Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
17	Monitor conditions and improve understanding to support sustainable use of groundwater basins within the Region as an important part of the Region's water supply throughout the planning period.		Information to understand and predict status of aquifer functions over the long-term; Understand opportunities to improve regional water supply portfolio through conjunctive management	3, 6, 9, 11, and 12		High	Low
18	Maintain and enhance monitoring network and information sharing to support management of watersheds and natural resources within the Region throughout the planning period.	Availability of important information; Ease of access to data and information across agency boundaries.		2, 3, 6, 9, 10, 11 and 12		High	Medium

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Water Quality Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
19	Address pollutant sources in order to meet runoff standards and satisfy targets as described in specific Total Maximum Daily Loads (TMDLs) within the Region throughout the planning period.	Actions taken to address pollutant sources.	Compliance with runoff standards as described in stormwater permits; Progress toward meeting targets identified in specific TMDLs within the Region.	4, 5, 6, and 8		High	Medium
20	Minimize accidental spillage/discharges of wastewater to receiving waters throughout the planning period.		Number of spills reported per year; Volume of wastewater spilled that reached receiving waters. Target: Zero spills per year of wastewater that reaches receiving waters.	4, 5, 6, 8, and 12		Medium	Medium

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Water Quality Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
21	Reduce public health risks by reducing contaminants of concern in drinking water sources throughout the planning period.		Improvements in source water quality for constituents of concern; Cost savings for meeting quality standards for drinking water at point of delivery; Reductions in concentration of constituents of concern in drinking water point of delivery.	3, 6, 9, and 12		Medium	Medium
22	Meet all drinking water, and wastewater discharge standards within the region throughout the planning period.		Compliance with all relevant quality standards.	4, 5, 6, 8, and 12		High	High

Obj.	Plan Objectives <sup>1</sup>	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
Water Supply Focus						Importance <sup>2</sup>	Urgency <sup>3</sup>
23	Provide 100% reliability of municipal and industrial (M&I) water supplies of appropriate quality to meet forecasted demands <sup>4</sup> within the Region throughout the planning period.		Number of days M&I water suppliers invoke drought ordinances and number of days rationing is required. Target: Zero days per year.	1, 6, 9, and 12	This can include a variety of approaches such as increased supplies, conjunctive management, water transfers, long-term demand management, etc.  Satisfaction of this objective should include consideration of availability of alternate supplies should a drinking water source becomes contaminated or otherwise disrupted.	High	Medium
24	Provide agricultural water supplies of appropriate quality to support a robust agricultural industry within the Region throughout the planning period.	Changes in agricultural outputs within the region over time.	Groundwater levels and quality throughout the Region. Target: Prevent long-term declines in groundwater levels and quality throughout the Region  Annual surface water deliveries for agricultural use as compared to contracted amounts Target: Provide 100%	1, 9, and 12		High	Medium

			reliability for contracted annual deliveries by Solano County Water Agency				
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Notes:

1. If it becomes not practical to satisfy any of the objectives on a region-wide basis, work to satisfy the objectives may proceed at a sub-regional level.
2. For the purposes of prioritizing objectives, the “importance” assigned to each objective reflects the relative significance or consequence of satisfying this objective as compared to other objectives within the Westside Region.
3. For the purposes of prioritizing objectives, the “Urgency” assigned to each objective reflects the relative degree to which this objective warrants speedy attention or action as compared to other objectives.
4. “Forecasted demands” include the amount of water estimated to be necessary to satisfy fire suppression needs.

### EXHIBIT C-Projects' Location Map

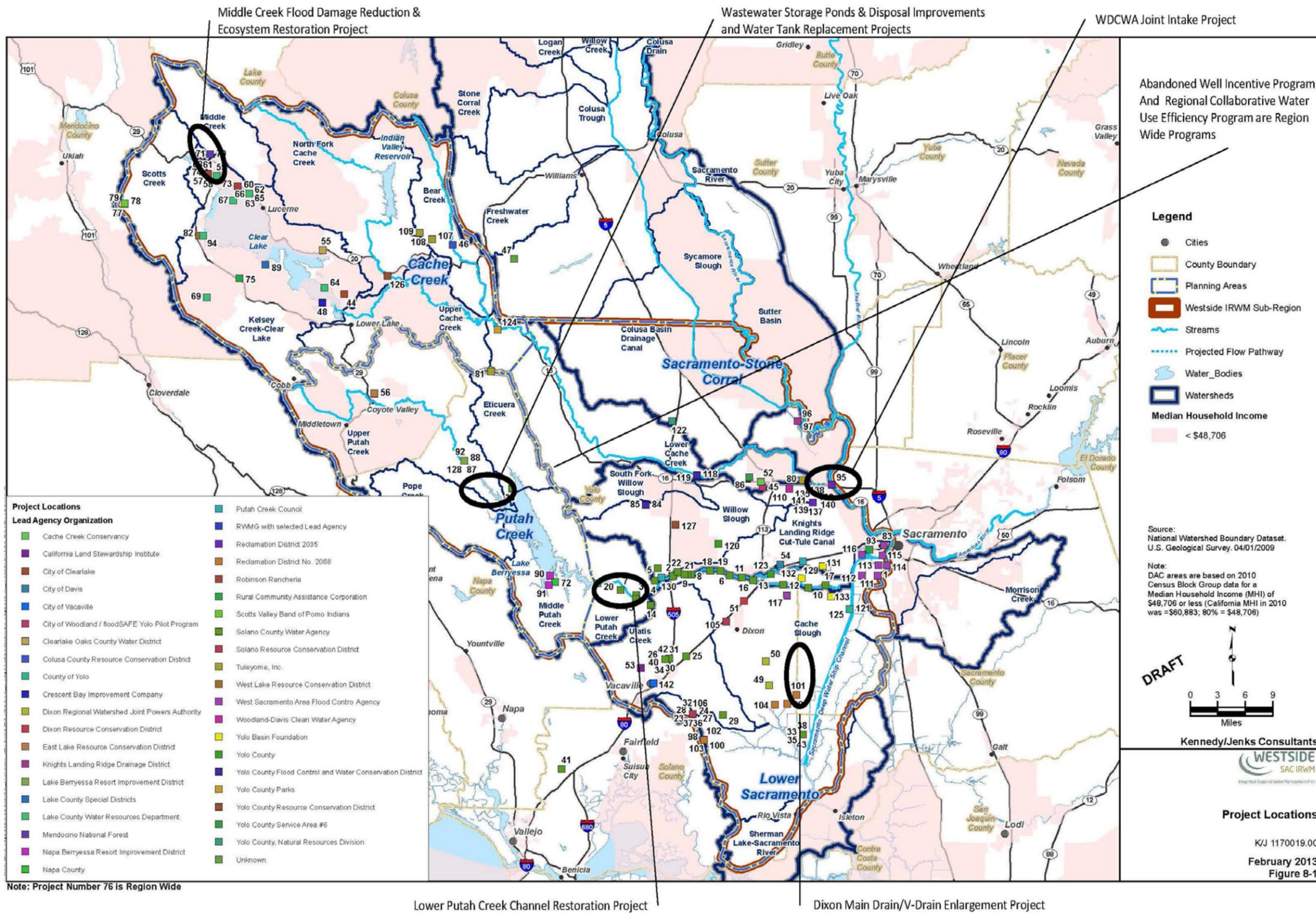
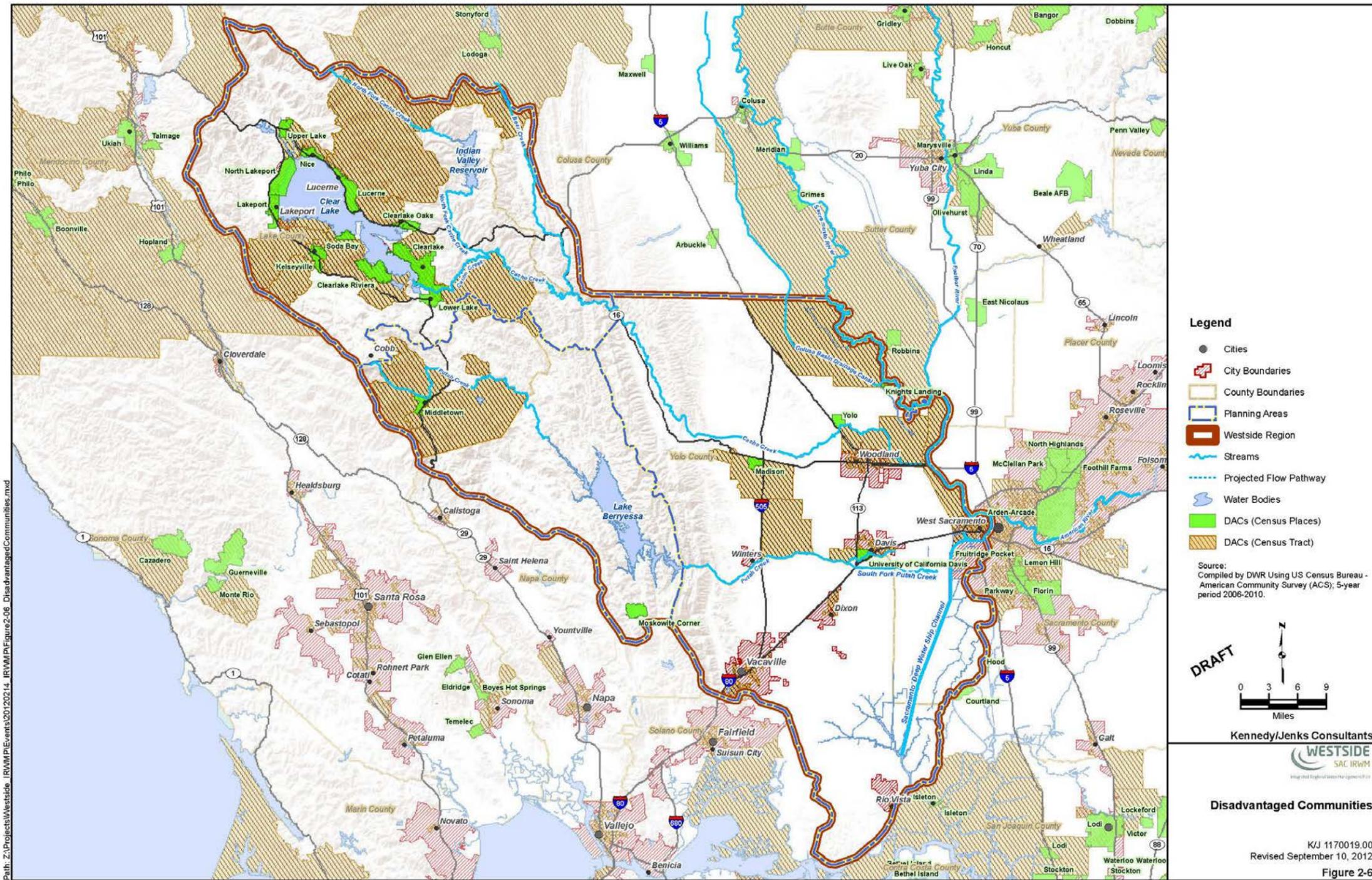


EXHIBIT D-Westside IRWMP Disadvantaged Communities



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EXHIBIT E-Westside IRWMP Surface Water and Groundwater Basins

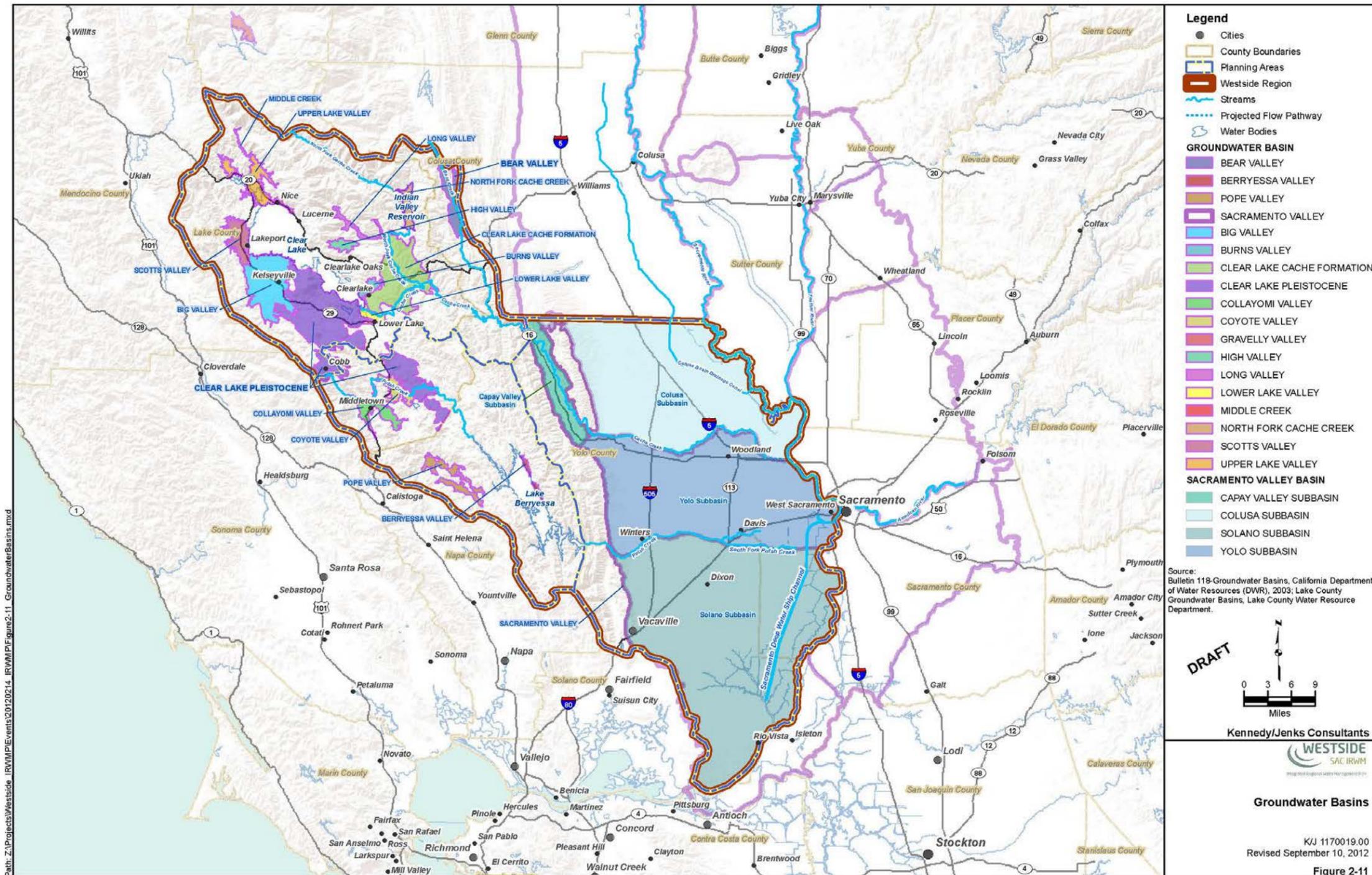
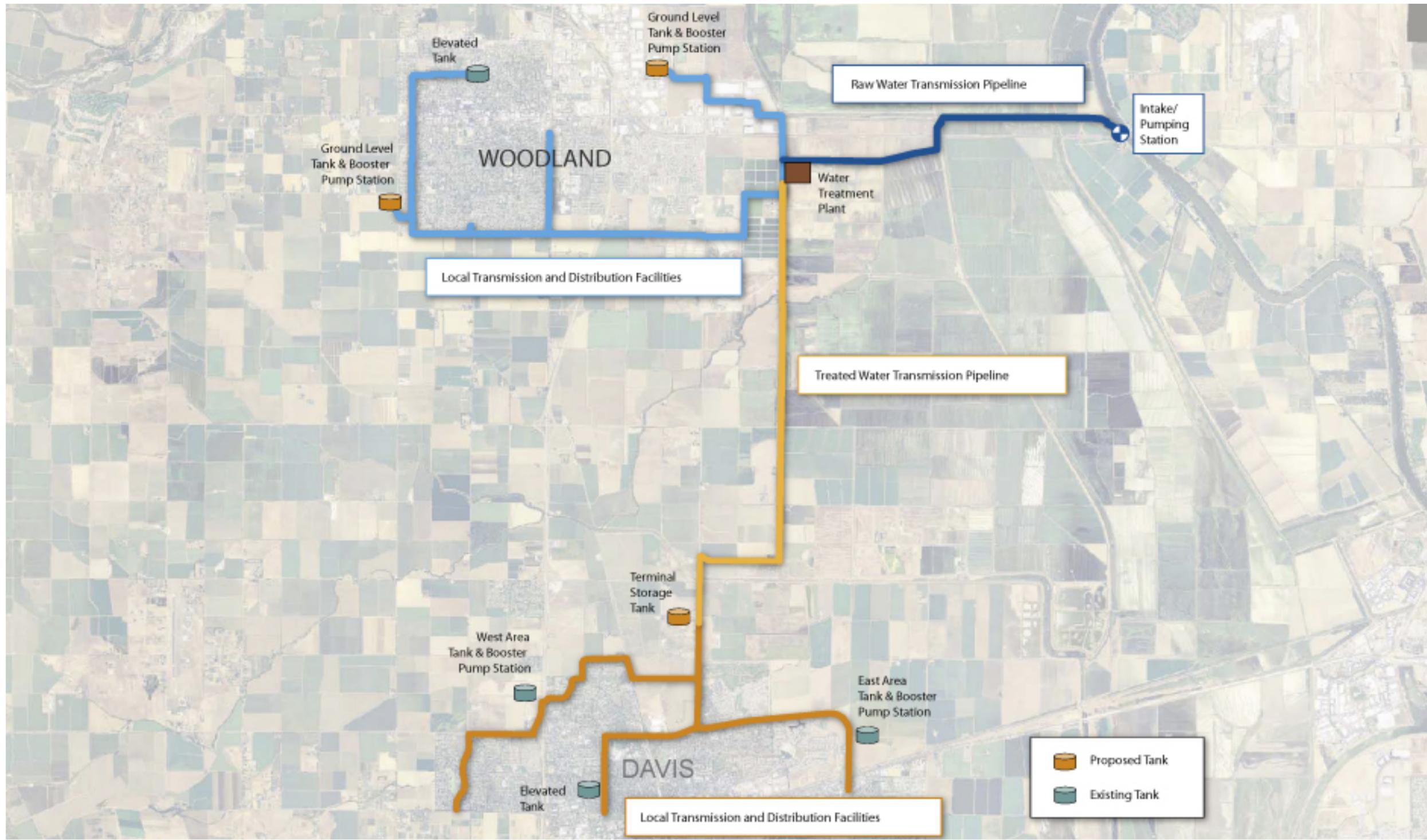


EXHIBIT F-WDCWA Portion of Sacramento River Joint Intake Project



Last Saved: 1/30/2013 3:46:09 PM Filename: N:\Clients\298 Dixon RW\PA\00-07-02 Main Drain and V-Drain\GIS\Drawings\Figure7\_6 Benefit Areas.mxd

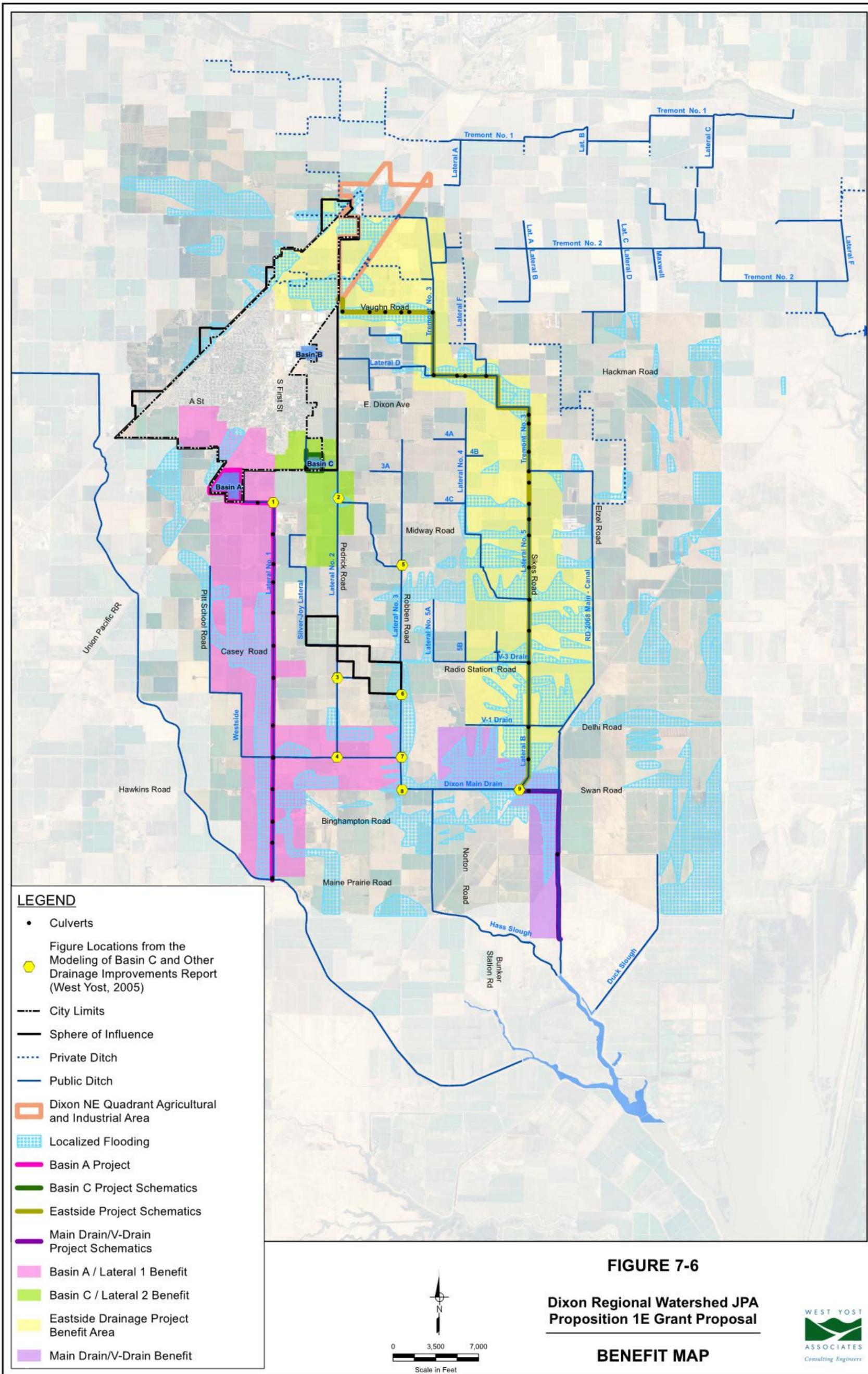


Figure 1: Lower Putah Creek Restoration: Monticello Dam to Dry Creek Project Area



# MIDDLE CREEK FLOOD DAMAGE REDUCTION AND ECOSYSTEM RESTORATION PROJECT POTENTIAL IRWM IMPLEMENTATION PURCHASES

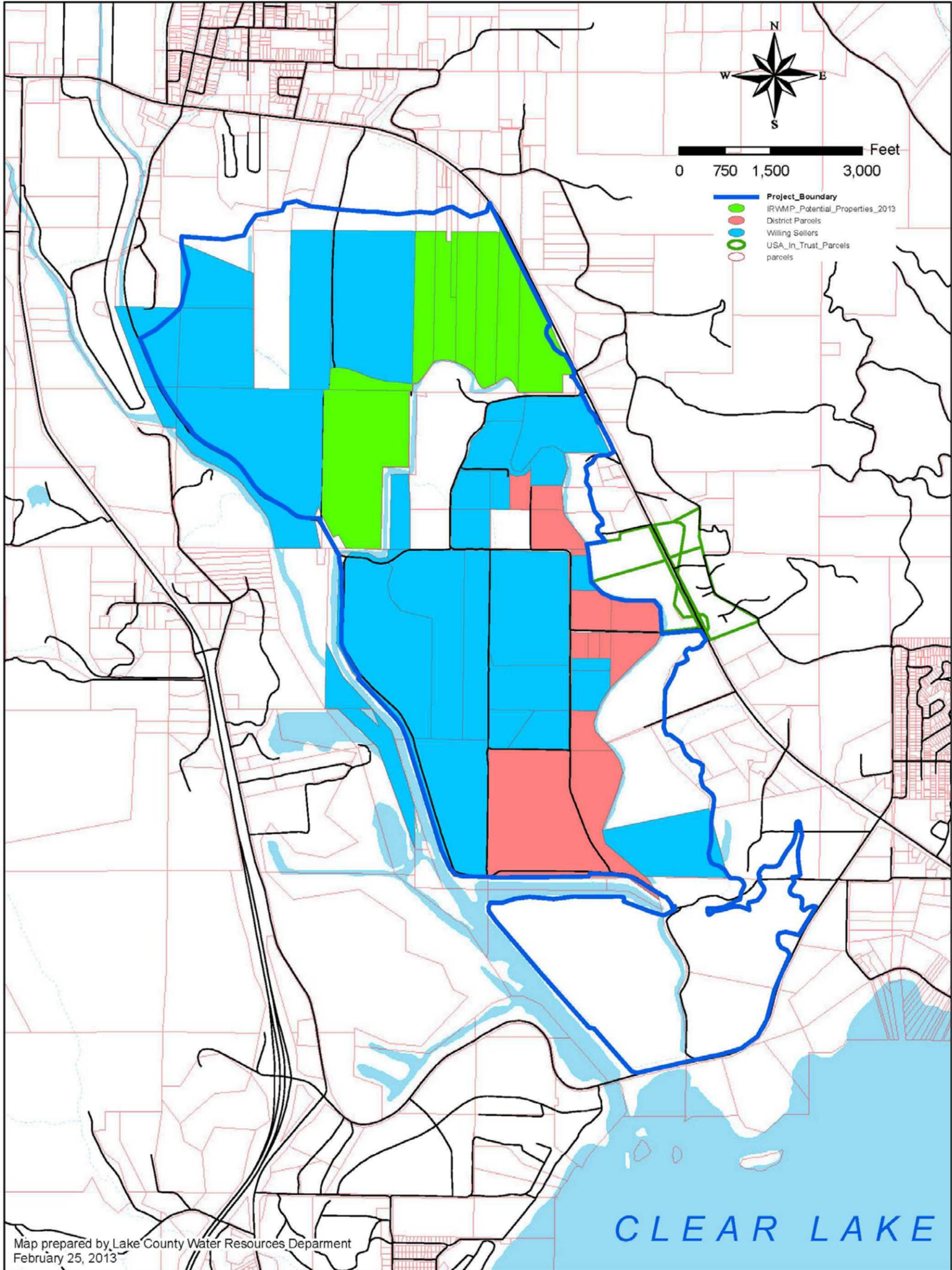


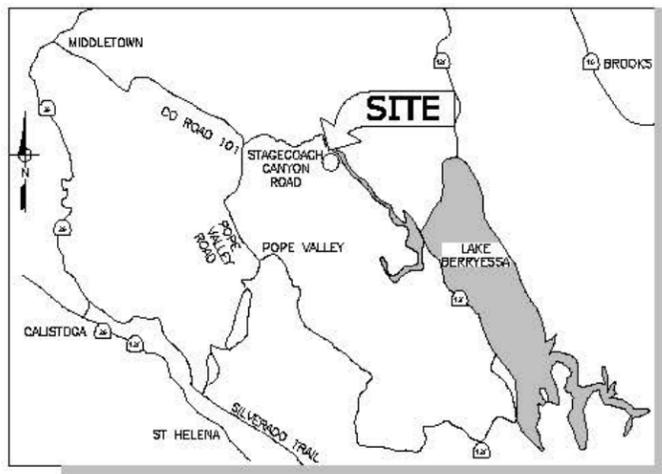
EXHIBIT J-Wastewater Storage Ponds and Disposal Improvements Project

# Lake Berryessa Resort Improvement District PLANS FOR Wastewater Storage and Disposal Expansion

60% COMPLETE SUBMITTAL JANUARY, 2013

PHILLIP M. MILLER  
DISTRICT ENGINEER, R.C.E. 30680

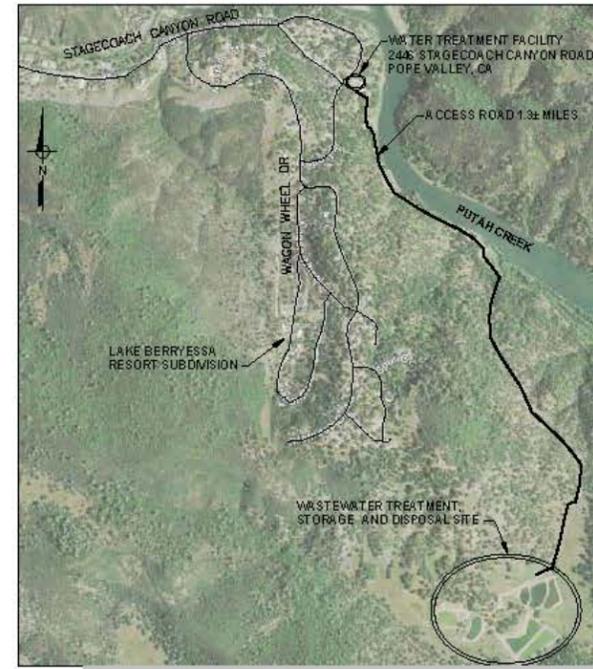
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**AREA MAP**



**LOCATION MAP**



**VICINITY MAP**

N:\Clients\497 Lake Berryessa Resort Improvement District\00-12-01 LBRD WW Upgrades\CAD\Design\497-1201-01.dwg 1/22/2013 5:44 PM ehcid

SUBMITTED: _____ DATE: _____ APPROVED: _____ DATE: _____		THIS LINE IS 1 INCH AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE: AS SHOWN DESIGNED BY: MLY CHECKED BY: DJA PROJ. MGR.: DJA	<table border="1"> <thead> <tr> <th>No.</th> <th>ZONE</th> <th>REVISIONS</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	ZONE	REVISIONS	BY	DATE																					<b>WEST YOST ASSOCIATES</b> Consulting Engineers 2020 Rosemead Park Drive Suite 100 Dublin, California 94568 (916) 756-6905 FAX: (916) 756-5391	<b>LAKE BERRYESSA RESORT IMPROVEMENT DISTRICT WASTEWATER STORAGE AND DISPOSAL FACILITIES EXPANSION</b>	TITLE SHEET AND LOCATION MAPS  PRELIMINARY, NOT FOR CONSTRUCTION	JOB NUMBER 497-00-12-01 DRAWING NUMBER <b>G1</b> SHEET NUMBER 1 OF XX REVISION
No.	ZONE	REVISIONS	BY	DATE																												

EXHIBIT K-Water Tank Replacement Project

# LAKE BERRYESSA RESORT IMPROVEMENT DISTRICT

# WATER TANK REPLACEMENT PROJECT

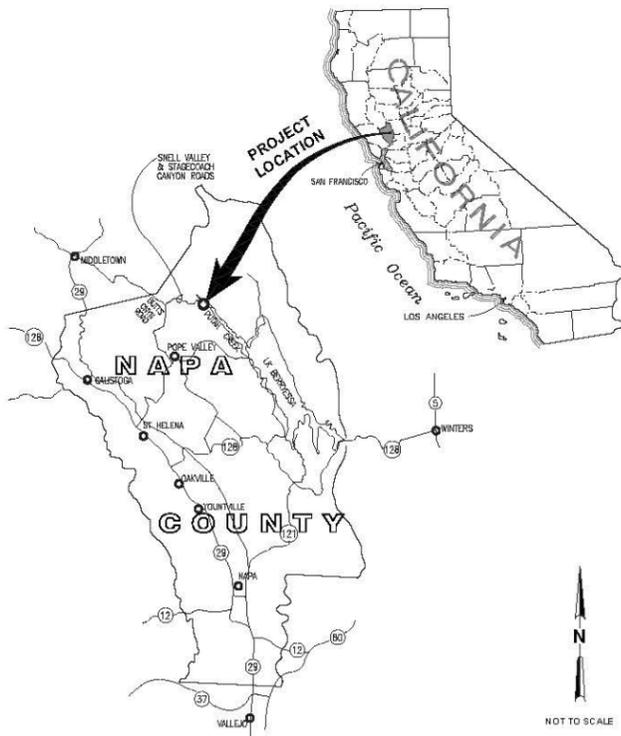
## MARCH 2012

### PROJECT NUMBER: LB01-12

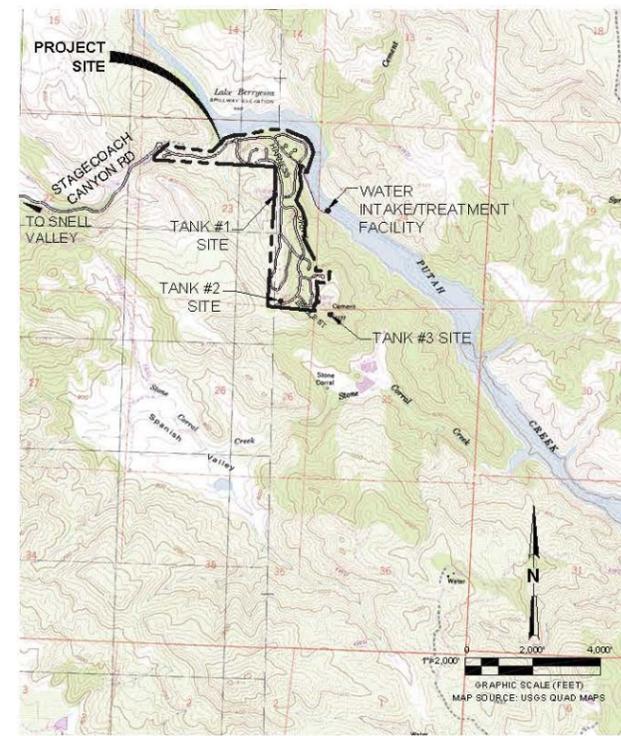


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**AREA MAP**



**LOCATION MAP**



**SHEET LIST**

SHEET NUMBER	SHEET DESIGNATION	SHEET TITLE
<b>GENERAL</b>		
01	G-001	COVER SHEET
02	G-002	CONSTRUCTION SEQUENCING PLAN
03	G-003	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
04	G-101	OVERALL SITE PLAN
<b>DEMOLITION</b>		
05	D-101	DEMOLITION SITE PLAN TANK 1
06	D-102	DEMOLITION SITE PLAN TANK 2
07	D-103	DEMOLITION SITE PLAN TANK 3
<b>CIVIL PLANS</b>		
08	C-101	SITE PLAN TANK 1
09	C-102	SITE PLAN TANK 2
10	C-103	SITE PLAN TANK 3
11	C-104	TANK 3 ACCESS ROAD PLAN
12	C-401	WATER STORAGE TANK PLAN
<b>CIVIL SECTIONS &amp; DETAILS</b>		
13	C-501	TYPICAL STORAGE TANK SECTION & DETAILS
14	C-502	TYPICAL STORAGE TANK SECTION & DETAILS
15	C-503	TYPICAL STORAGE TANK SECTION & DETAILS
16	C-504	TYPICAL STORAGE TANK SECTION & DETAILS
<b>ELECTRICAL</b>		
17	E-001	ELECTRICAL LEGEND & ABBREVIATIONS
18	E-101	ELECTRICAL SITE PLAN TANK 1
19	E-102	ELECTRICAL SITE PLAN TANK 2
20	E-103	ELECTRICAL SITE PLAN TANK 3
21	E-501	ELECTRICAL DETAILS
22	E-502	ELECTRICAL DETAILS
23	E-601	ELECTRICAL SINGLE LINE DIAGRAM & PANEL SCHEDULE
<b>INSTRUMENTATION</b>		
24	X-001	INSTRUMENTATION & CONTROL LEGEND & ABBREVIATIONS
25	X-601	P & ID

**APPROVALS**

APPROVED FOR CONSTRUCTION

PHILLIP M. MILLER, P.E.  
ACTING DISTRICT ENGINEER

DATE \_\_\_\_\_

**100% SUBMITTAL NOT FOR CONSTRUCTION**

LAKE BERRYESSA RESORT IMPROVEMENT DISTRICT  
WATER TANK REPLACEMENT PROJECT  
COVER SHEET

PROJNO: 10802-11-001  
DRWN: SJD CHKD: WZ  
**G-001**  
SHEET 01 OF 25