

Upper Pit River Watershed Water Conservation and Drought Mitigation

Attachment 1 – CASGEM Compliance

Based on DWR's list of priority basins in the Upper Pit IRWM Region we have identified that none of the projects listed in the Upper Pit River Watershed Water Conservation and Drought Mitigation are located in medium to high priority groundwater basin.

Project A – Ash Valley Ranch Irrigation Infrastructure Efficiency Project (sponsored by the Pit Resource Conservation District - see figure A) is located in the Ash Valley Water Basin (identified as a very low priority basin) identification number 5-54 on the DWR CASGEM Groundwater Prioritization Map See figure C and D Lat/Long Coordinates N41.03.14 W120.39.52

Project B – Restoring Hydrological Function to South Ash Valley (sponsored by the Pit Resource Conservation District - see figure A) is located in the Ash Valley Water Basin (identified as a very low priority basin) identification number 5-54 on the SWR CASGEM Groundwater Prioritization Map See figure C and D Lat/Long Coordinates N41.01.06 W120.40.45

Project C – South Fork Irrigation District Infrastructure Upgrade (sponsored by the Central Modoc Resource Conservation District – see Figure B) is located in the South Fork Pitt River (identified as a low priority basin) identification number 5-2.01 on the DWR CASGEM Groundwater Prioritization Map. See figure C and D Lat/Long Coordinates Project Center N41.13.38 W120.24.44

The Pit RCD Service Boundary area does include the Big Valley Groundwater Basin which is currently listed as a medium priority basin on the DWR CASGEM Groundwater Prioritization Map. The listed project above do not overlie with this basin.

Lassen County, for which the Big Valley Groundwater Basin is located, has started the notification process of becoming the CASGEM Monitoring Entity.

Organization: Lassen County

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Figure A

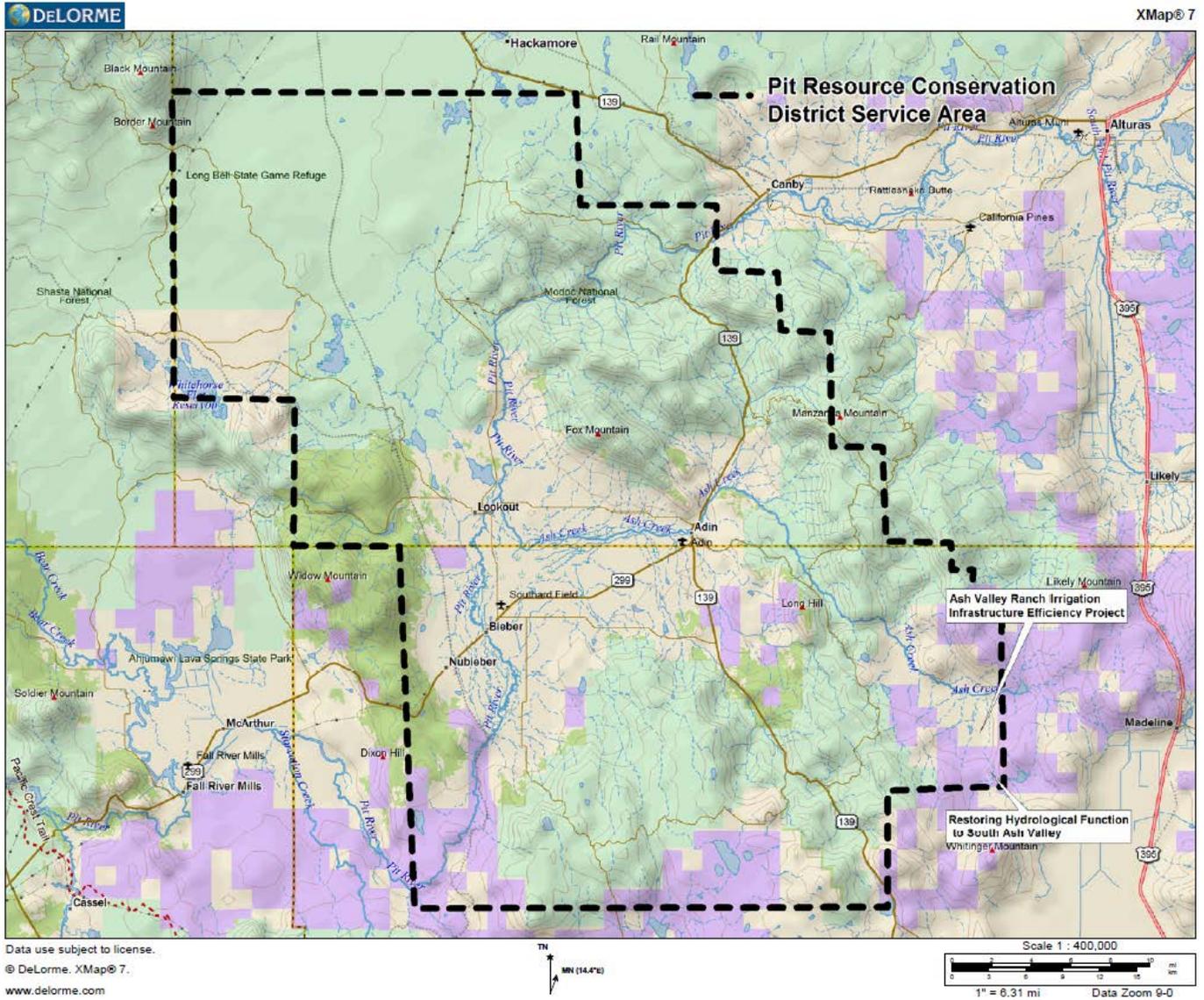


Figure B

Central Modoc RCD Service Area South Fork Irrigation District Infrastructure Upgrade

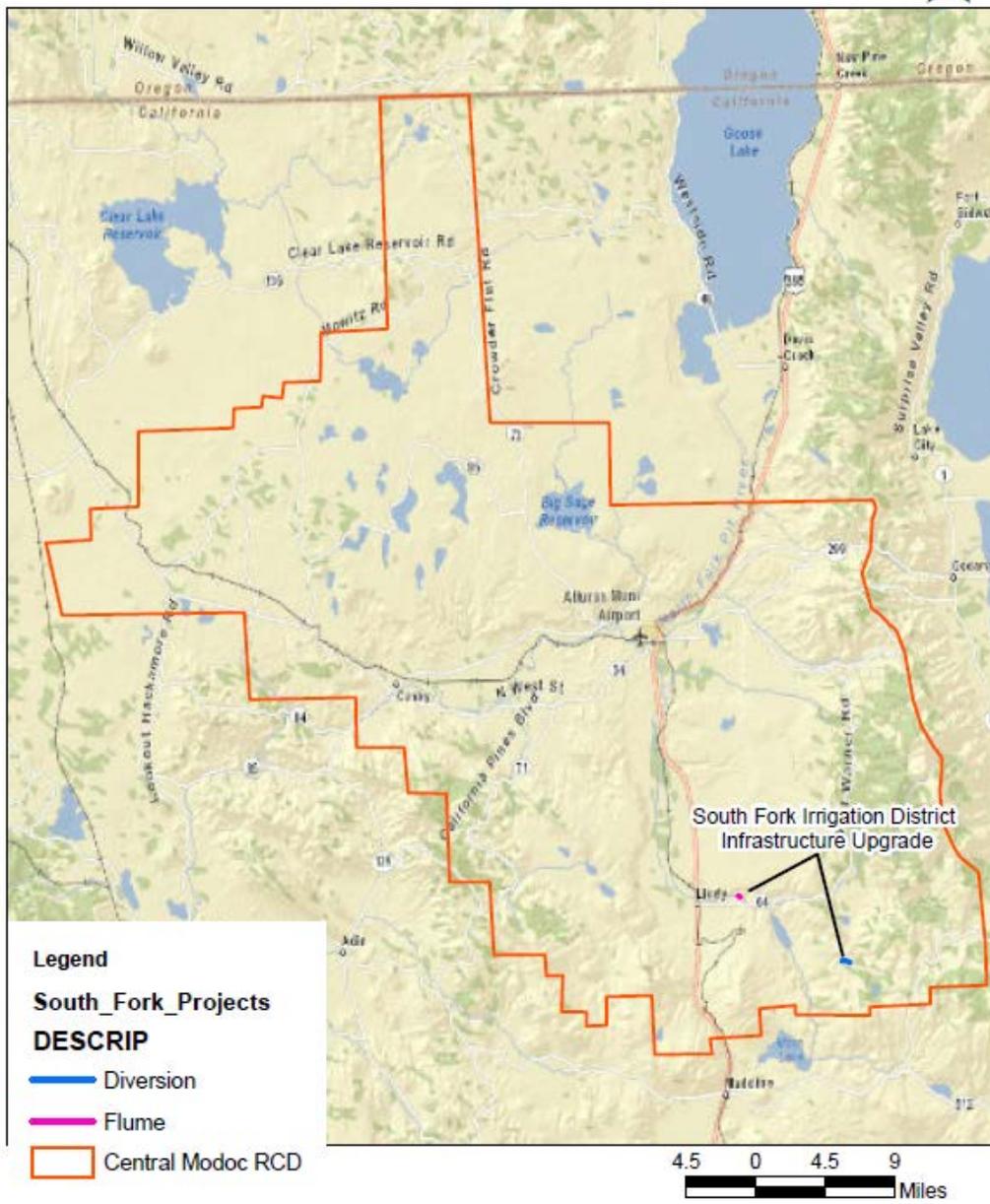


Figure : C

CASGEM Groundwater Basin Prioritization — Northern Region

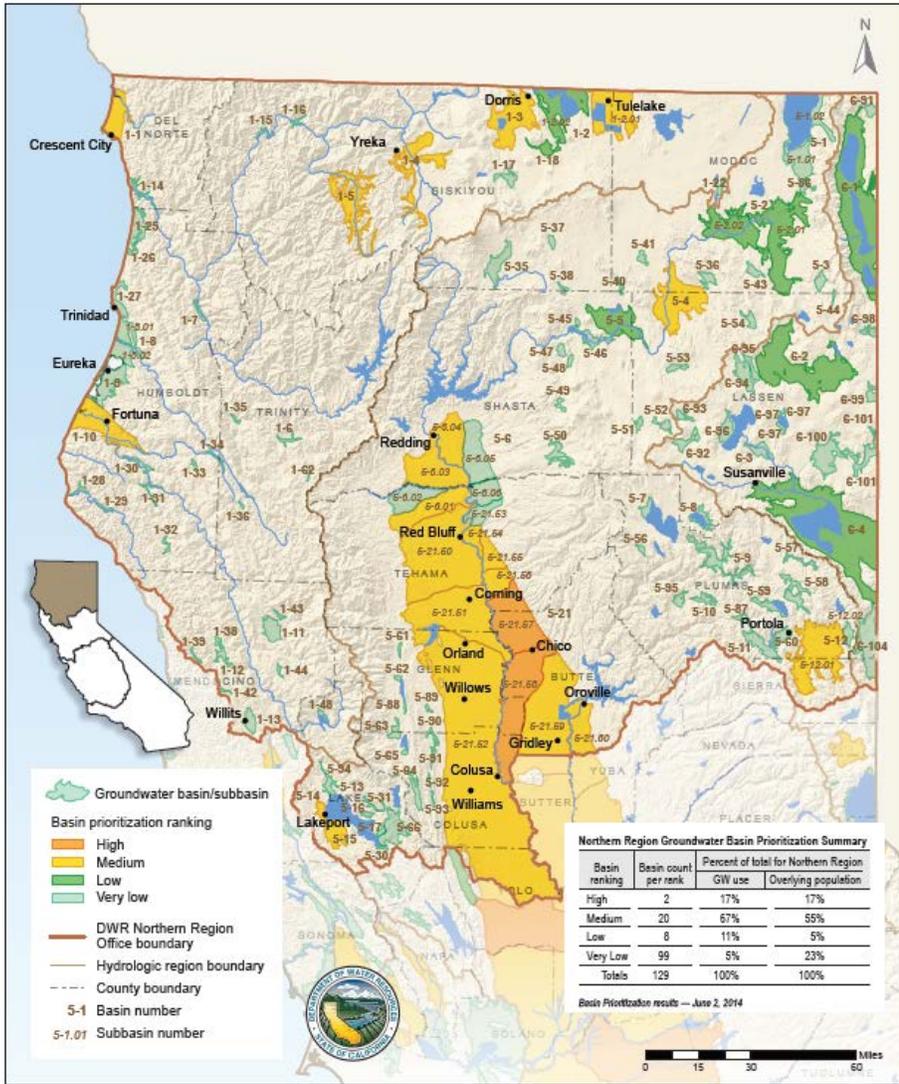


Figure: D

CASGEM Groundwater Basin Prioritization Results Sorted by Basin Name				Data Component Ranking Value										Overall Ranking		Impact Comments	Other Information Comments			
Basin Count	Basin Number	Basin Name	Sub-Basin Name	Hydrologic Region	DWR Region Office	Basin Area Acres	Sq. Mile	2010 Population	Population Growth	Public Supply Wells	Tran Wells *	Infiltrated Acreage	GW Use **	Percent of Total Supply	GW Reliance Total			Impacts to Agriculture	Overall Basin Ranking Score ***	Overall Basin Priority
1	5-2.01	ALTURAS AREA	SOUTH FORK PITT RIVER	Sacramento River	NRO	114,444	176.4	4,422	1	0	1	13	4	2	2	2	1	10.5	Low	Declining GW Levels in some parts of the basin.
2	5-2.02	ALTURAS AREA	WARM SPRINGS VALLEY	Sacramento River	NRO	68,009	106.3	964	1	0	1	13	3	2	2	0	1	9.5	Low	AQ declining in GW levels since 2000, along the west side of the basin.
3	5-10	AMERICAN VALLEY		Sacramento River	NRO	6,799	10.6	3,932	2	0	5	375	4	2	1	0	0	0.0	Very Low	
4	5-91	ANTELOPE CREEK		Sacramento River	NRO	2,040	3.2	3	0	0	0	075	3	0	1	0	0	0.0	Very Low	
5	5-54	ASH VALLEY		Sacramento River	NRO	6,000	9.4	3	0	0	0	075	3	0	1	0	0	0.0	Very Low	
6	5-44	BEAR VALLEY		Sacramento River	NRO	9,104	14.2	4	0	0	0	075	2	0	0	0	0	0.0	Very Low	
7	1-27	BIG LARDON AREA		North Coast	NRO	13,348	20.1	2,493	1	3	4	320	1	0	3	0	0	0.0	Very Low	
8	5-15	BIG VALLEY		Sacramento River	NRO	24,212	37.0	6,344	1	2	2	375	3	4	4	4	0	15.8	Medium	
9	5-4	BIG VALLEY		Sacramento River	NRO	92,026	143.8	1,044	1	0	1	13	4	0	3	3	3	13.5	Medium	Declining GW Levels over much of the basin.
10	5-92	BLANCHARD VALLEY		Sacramento River	NRO	3,221	4.9	0	0	0	0	075	2	0	1	0	0	0.0	Very Low	
11	1-17	BRAY TOWN AREA		North Coast	NRO	8,027	12.1	0	0	0	0	075	3	0	1	0	0	0.0	Very Low	
12	6-201	BULL FLAT		North Coast	NRO	11,121	17.4	0	0	0	0	0	0	0	0	0	0	0.0	Very Low	