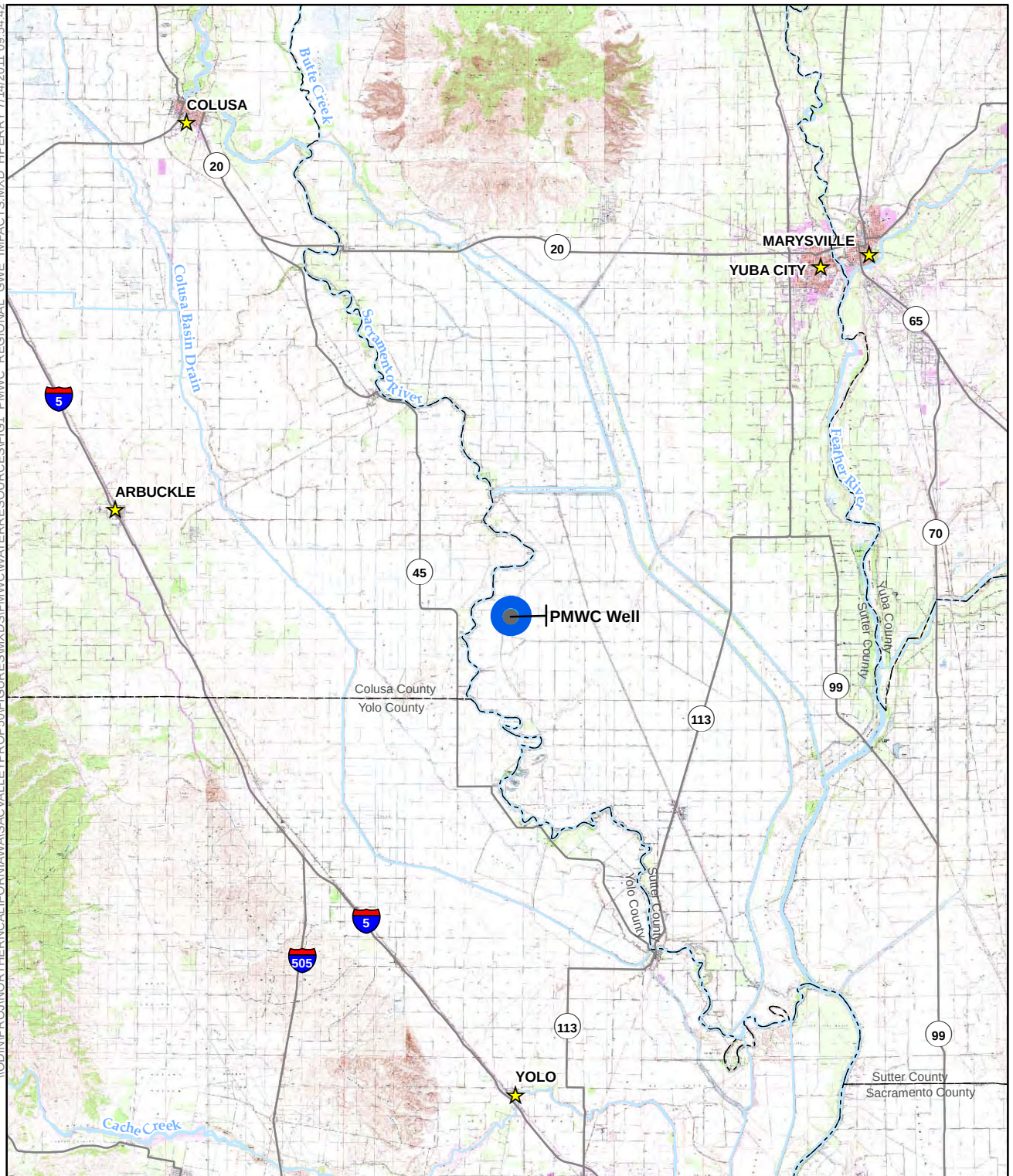


\\ODIN\PROJ\NORTHERN\CA\IOWA\IOWA\SAC\VALLEY\PROP50\FIGURES\PMWC\WATER\RESOURCES\FIG1_PMW_C REGIONAL_GWE_IMPACTS.MXD HPERRY 7/14/2011 09:54:42



LEGEND

- 0.25-MILE BUFFER
- ★ CITY
- MAJOR WATERWAY
- - - COUNTY BOUNDARY
- INCREMENTAL DRAWDOWN (feet)
- 5 to 10
- 10 to 15
- 15 to 20
- 20 to 25
- 25 to 30

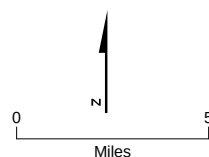
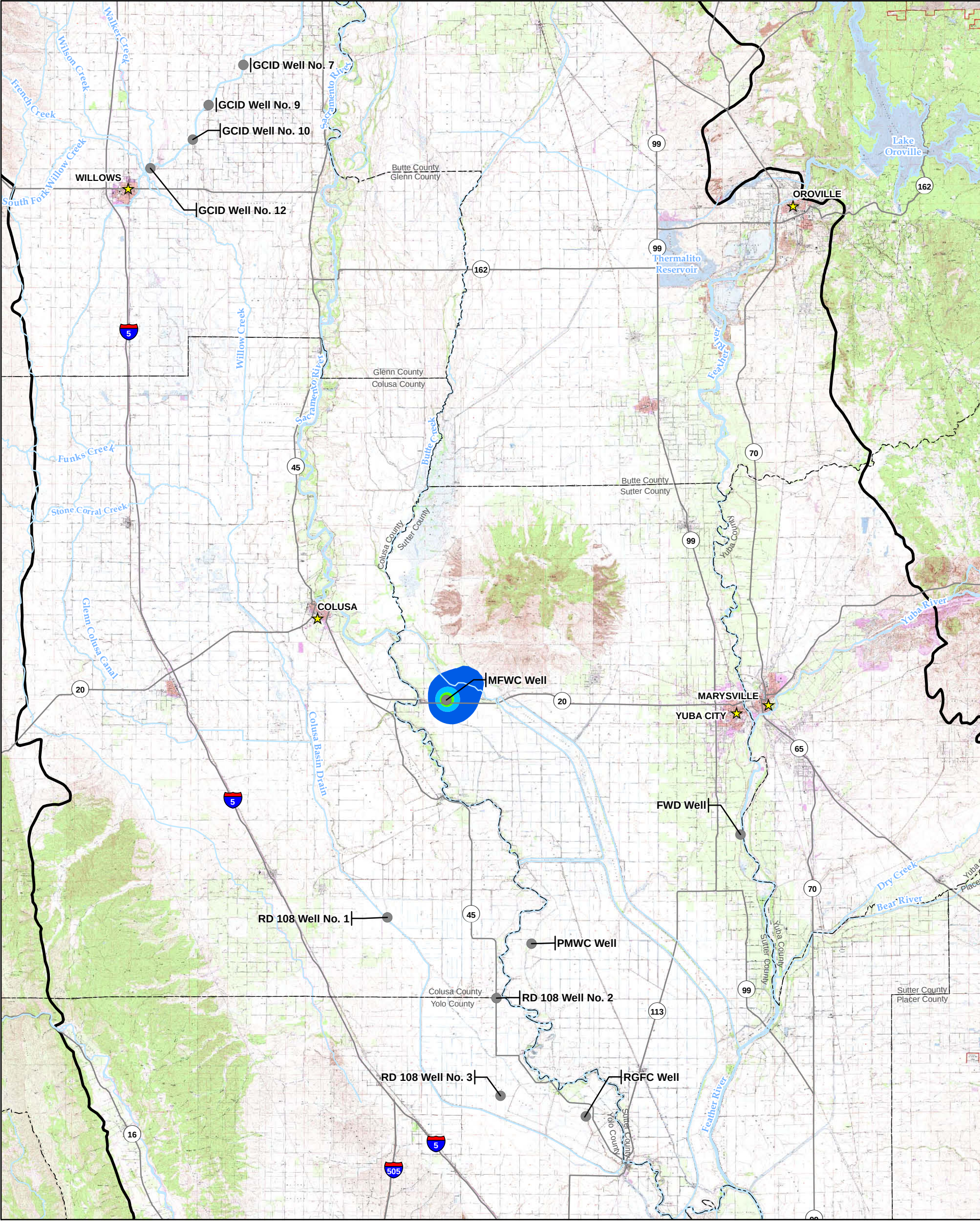


FIGURE 3-1 LOCAL IMPACTS

FORECAST REGIONAL AQUIFER DRAWDOWN

EA/IS AND FONS/MND FOR PMWC GROUNDWATER PRODUCTION
ELEMENT PROJECT AND SMWC GROUNDWATER MONITORING PROJECT

\\NODIN\PROJ\NORTH\CA\FOR\NIA\WASAC\VALLEY\PROP\50\FIGURES\MXD\SPM\WC\WATER\RESOURCES\FIG2_CUMULATIVE_DRAWDOWN\SHALLOW.MXD HPERRY 7/28/2011 09:29:22

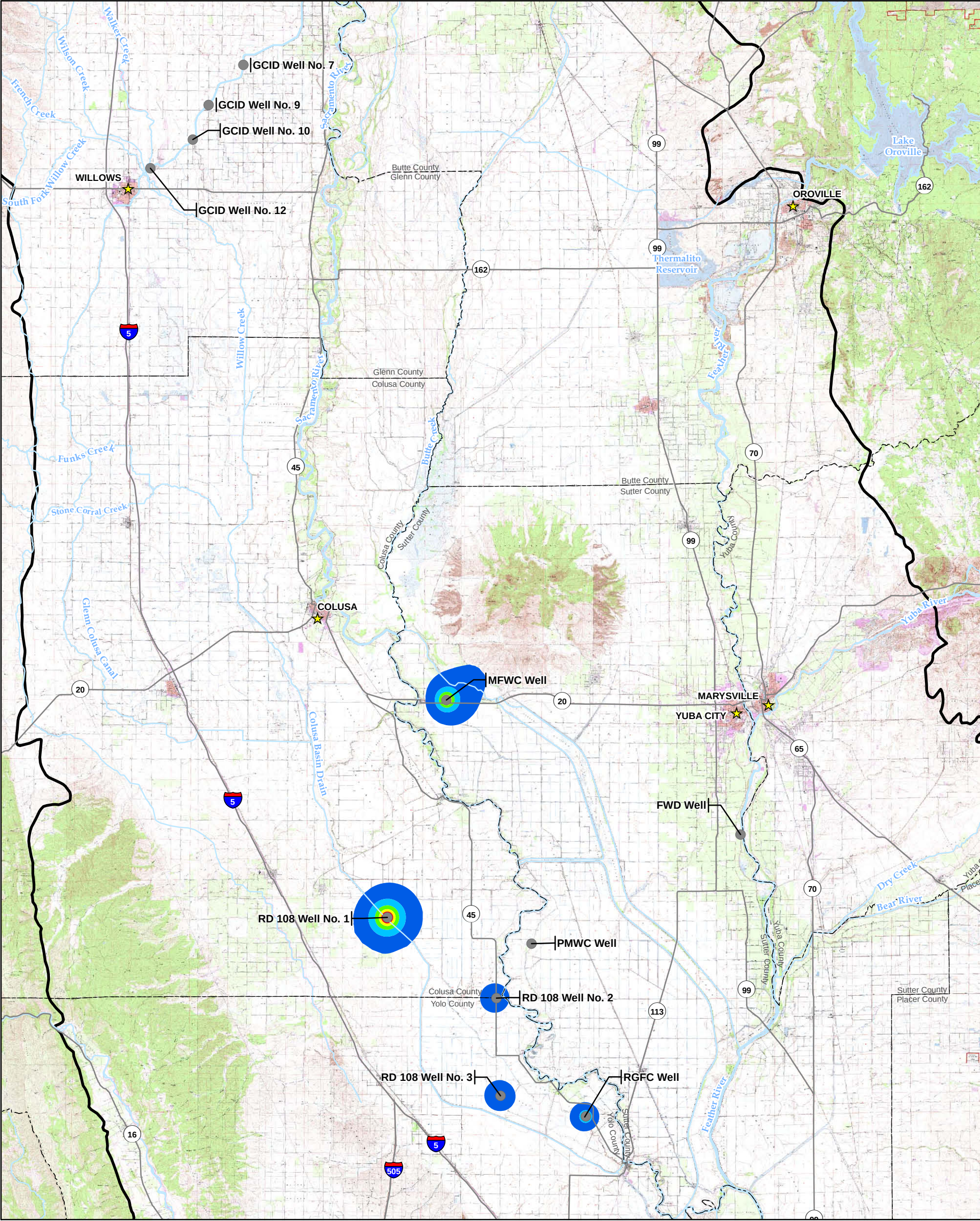


LEGEND

- 0.25-MILE BUFFER
- CITY
- MAJOR WATERWAY
- COUNTY BOUNDARY
- SACRAMENTO VALLEY GROUNDWATER BASIN
- INCREMENTAL DRAWDOWN (feet)
- 5 to 10
- 10 to 15
- 15 to 20
- 20 to 25
- 25 to 30

FIGURE 3-2
CUMULATIVE IMPACTS
FORECAST SHALLOW AQUIFER DRAWDOWN
 EA/IS AND FONS/MND FOR PMWC GROUNDWATER PRODUCTION
 ELEMENT PROJECT AND SMCW GROUNDWATER MONITORING PROJECT
CH2MHILL

I:\ODIN\PROJ\NORTHERN\CA\IOWA\SAC\VALLEY\PROPS\50\FIGURES\MXD\SIP\MWC\WATER\SOURCES\FIG3_CUMULATIVE_DRAWDOWN.D MXD HPERRY 7/28/2011 09:36:17



LEGEND

- 0.25-MILE BUFFER
- CITY
- MAJOR WATERWAY
- COUNTY BOUNDARY
- SACRAMENTO VALLEY GROUNDWATER BASIN
- INCREMENTAL DRAWDOWN (feet)
- 5 to 10
- 10 to 15
- 15 to 20
- 20 to 25
- 25 to 30

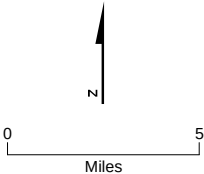
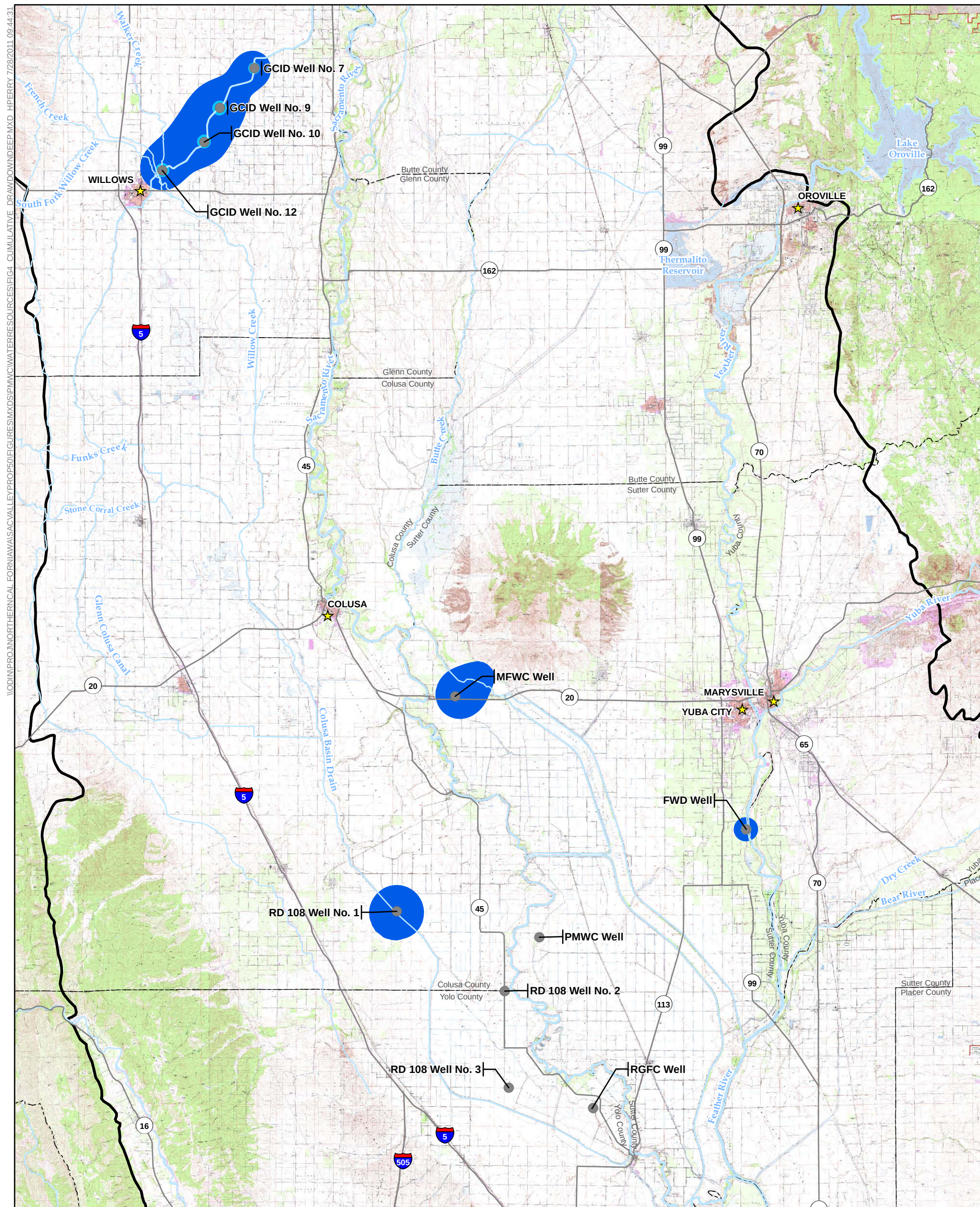
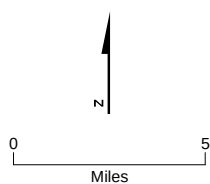


FIGURE 3-3
CUMULATIVE IMPACTS
FORECAST REGIONAL AQUIFER DRAWDOWN
MIDDLE PUMPING ZONE
EA/IS AND FONS/MND FOR PMWC GROUNDWATER PRODUCTION
ELEMENT PROJECT AND SMCW GROUNDWATER MONITORING PROJECT
CH2MHILL



LEGEND

-  0.25-MILE BUFFER
 CITY
 MAJOR WATERWAY
 COUNTY BOUNDARY
 SACRAMENTO VALLEY GROUNDWATER BASIN
INCREMENTAL DRAWDOWN (feet)
 5 to 10
 10 to 15
 15 to 20
 20 to 25
 25 to 30



**FIGURE 3-4
CUMULATIVE IMPACTS
FORECAST REGIONAL AQUIFER DRAWDOWN
DEEP PUMPING ZONE**

EA/IS AND FONSI/MND FOR PMWC GROUNDWATER PRODUCTION
ELEMENT PROJECT AND SMWC GROUNDWATER MONITORING PROJECT