Groundwater Elevation Contour
(Lines of equal hydraulic head)
Interval 20ft

Groundwater Flow Direction

Monitoring Well

County Boundaries

Redding GW Basin

Sacramento Valley GW Basin

N

0 1 2 4 6
Miles

SHASTA

TEHAMA

GLENN

COLUSA

BUTTE

Redding

Cottonwood

Red Bluff

Tehama

Corning

Orland

Chico

Paradise

Willows

Oroville

Gridley

Live Oak

Colusa

Williams

Lucerne

Clearlake

Kelseyville

NOTES

Note 1: The groundwater level measurements that were used in generating the contours were taken by the Department of Water Resources and Local Cooperators between the dates of July 17th to August 3th, 2012.

Note 2: Groundwater elevations are based on national geodetic vertical datum 1988 (NGVD 88).

Note 3: Groundwater contours are based on groundwater level measurements taken from wells constructed that have screened intervals and well depths that are generally greater than 100 ft and less than 400 ft. This portion of the aquifer supplies approximately 70% of all domestic, agriculture, and municipal wells.

Note 4: Groundwater elevations are based on the actual measured level of the hydrostatic level (piezometric surface) of the water at individual well locations. Contours are groundwater elevation estimates of the piezometric surface between wells. The accuracy of the estimated contour is directly related to the spacing and the distribution of nearby monitoring wells, the similarity of nearby monitoring well construction, and the local changes or similarities in aquifer characteristics.

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NORTHERN SACRAMENTO VALLEY GROUNDWATER ELEVATION MAP
Summer 2012

PLATE 2

Date: April 2013

BY: G. Gordon

Path: R:\Sections\DCM\CONTOUR_MAP\2012\100ft400_Wells_Summer-2012.mxd