STATE WATER BOARD AQUIFER EXEMPTION PROPOSAL REVIEW SUMMARY TABLE

Field	Formation(s)/Units Proposed for Exemption	Anticipated Concurrence Type	Injection Types	Minimum Formation TDS (mg/L)	Maximum Formation TDS (mg/L)	Hydrocarbon Production
Concurrence Letter Issued						
Arroyo Grande	Dollie Sands	Concurrence	SC, SF, WD	980	2,800	Yes
Round Mountain	Jewett Sand	Concurrence	SC, SF	2,800	2,800	Yes
	Pyramid Hill Sand	Concurrence	SC, SF, WF	1,000	2,400	Yes
	Vedder	Concurrence	SC, SF, WF	1,200	4,000	Yes
	Walker	Concurrence	WD	1,400	2,400	Yes
Fruitvale	Santa Margarita	Concurrence	WD	5,630		Eastern Portion
Tejon	Transition Zone	Concurrence	WD	2,231	3,317	Yes
Livermore	Greenville Sands Member of Cierbo Formation	Concurrence	WD	6,600	8,500	Yes
Mount Poso	Pyramid Hill Sand	Concurrence	SF, WF	1,730		Yes
	Vedder	Concurrence	SF, WF	2,520		Yes
San Ardo AE	Lombardi Sands	Concurrence	SF, WD	4,500		Yes
	Aurignac Sands	Concurrence	SC, WF, WD	4,842		Yes
Anticipated Preliminary Concurrence (in Whole or in Part) by February 15, 2017						
McKittrick	Tulare	TBD	EOR, WD	1,412	34,685	Yes
Midway-Sunset	Tulare	TBD	SF, WD	3,588	30,337	Northern portion, Lower Tulare
	Potter Sands	TBD	EOR, WD	1,550	22,347	Eastern Portion
	Spellacy Sands	TBD	EOR, WD	1,200	38,491	Eastern Portion
	Miocene Shale	TBD	EOR, WD	3,000	26,628	Yes
	Lower Antelope Sands	TBD	WD	4,296	24,740	No
Lynch Canyon - Lanigan Sand	Lanigan Sand	TBD	SF and SC	3,439	4,658	Yes
Poso Creek	Basal Etchegoin and Chanac	TBD	SC and SF	260	680	Yes
	Basal Etchegoin	TBD	SC and SF	480	1,300	Yes
Kern Front	Upper Chanac	TBD	SC, SF, WD	320	350	Yes
	Vedder	TBD	WD	3,500	10,700	No
Lost Hills - Phase 1	Tulare	TBD	SF, CS	3,789	11,135	No
	Etchegoin	TBD	WD	>10,000	>10,000	Yes
	Reef Ridge	TBD	WD	>10,000	>10,000	Yes
	Cahn	TBD	WD	>10,000	>10,000	Yes
Edison AE	Chanac	TBD	SC, SF	570	2,000	Yes
	Pyramid Hills and Vedder Fms.	TBD	WF	1,110	20,775	Yes
	Wicker Sands of Fruitvale Formation	TBD	WD	3,300	3,300	Yes
	Santa Margarita	TBD	SC, SF	440	820	Yes
Jasmin AE	Cantleberry Sands member of the Vedder Fm	TBD	EOR, WD	380	410	Yes
Sespe	Basal Sespe	TBD	WD	5,700	33,000	Yes

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Anticipated Preliminary Concurrence (in Whole or in Part) after February 15, 2017						
Elk Hills - Phase 1	Tulare	TBD	WD	4,500	20,000	No
Cymric	Tulare	TBD	SF, WD	1,100	14,100	Southeastern portion
Cat Canyon	Sisquoc	TBD	SC, SF, WF, WD	6,100	26,000	Yes
Kern River	Kern River	TBD	SC, WD	52	1,200	Yes
Elk Hills - Phase 2	Tulare	TBD	WD	4,500	20,000	No
South Belridge	Tulare	TBD	SF, WD	3,498	32,788	No
Lynch Canyon - Santa Margarita	Santa Margarita	TBD	WD	3,700 (estimated)	3,845 (estimated)	No
Jacalitos and Coalinga	Temblor	TBD	SF, WF	3,024	12,730	Yes
Zaca	Monterey	TBD	WD	5,900	7,200	Yes
North Belridge	Tulare	TBD	WD, EOR	8,055	22,540	Yes
Lompoc, Main	Monterey	TBD	WD	4,700	12,100	Yes
Casmalia	Monterey (All Zones)	TBD	WD, EOR	3,700	11,000	Yes
Holser	TBD	TBD	TBD	TBD	TBD	TBD
Proposals under Development						
Edison NE						
Cat Canyon, Gato Ridge						
Kern Bluff						
Kettleman Hills						
Oxnard						
Lompoc, NW Area						
Kreyenhagen						
Chico Martinez						
Lost Hills Phase 2						
Rosedale Ranch						
Round Mountain,S.Area						
Richfield Oil						
Monterey County						

ACRONYMS:

Aquifer Exemption (AE), Enhanced Oil Recovery (EOR), Cyclic Steam (SC), Steam Flood (SF), Water Flood (WF), Waste Disposal (WD), Underground Sources of Drinking Water (USDW), feet below ground surface (ft. bgs), Division of Oil, Gas, and Geothermal Resources (DOGGR), State Water Resources Control Board (SWRCB), To Be Determined (TBD), milligrams per liter (mg/L).

* = AE proposal has not been submitted to the SWRCB.