



1201 L Street Modesto, CA 95354  
www.esjcoalition.org

---

May 19, 2015

Pamela Creedon, Executive Officer  
Irrigated Lands Regulatory Program  
Central Valley Regional Water Quality Control Board  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670-6114

Dear Ms. Creedon,

The East San Joaquin Water Quality Coalition (ESJWQC) is requesting approval of a second set of Core sites, as required by the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed that are Members of ESJWQC (WDR; R5-2012-0116-R3 Attachment B, Page 3). The ESJWQC is recommending the sites listed in Table 1 be monitored as Core sites during the 2016 and 2017 WY, rotating with the Core sites listed in the WDR every two years (Attachment B, Table 1). Table 2 provides the rationale for each site selection. Due to limited monitoring locations in Zone 1 and Zone 3, the Core site will remain the same. Please let me know if you have any questions.

Submitted respectfully,

A handwritten signature in black ink, appearing to read "PK", is written over a light blue horizontal line.

Parry Klassen  
Executive Director  
East San Joaquin Water Quality Coalition



1201 L Street Modesto, CA 95354  
www.esjcoalition.org

**Table 1. Second set of Core sites to be monitored starting October 2015.**

Zone	Site Type	Site Name	Station Code	Latitude	Longitude
1	Core	Dry Creek @ Wellsford Rd	535XDCAWR	37.66000	-120.87526
2	Core	Lateral 5 ½ @ South Blaker Rd	535LFHASB	37.45827	-120.96730
3	Core	Highline Canal @ Hwy 99	535XHCHNN	37.41254	-120.75941
4	Core	Canal Creek @ West Bellevue Rd	535CCAWBR	37.36090	-120.54940
5	Core	Miles Creek @ Reilly Rd	535XMCARR	37.25830	-120.47524
6	Core	Dry Creek @ Rd 18	545XDCAWR	36.98180	-120.22056

**Table 2. Rationale for Core site selection.**

	Total Acres	Total Irrigated Acres	Site Irrigated Acres /Zone Irrigated Acres (%)	Irrigated Acres Per Crop Type/Total Irrigated Acres (%)	Core Site Selection Rationale
<b>Zone 1</b>	1,932,383	119,247		45% Deciduous nuts, 29% Pasture, 17% Field crop, 5% Vineyard, 1% Grain/hay, 1% Rice	Dry Creek @ Wellsford will remain the Core site for Zone 1. Dry Creek @ Wellsford is the most representative site in the zone. The only other site in Zone 1 is Mootz Drain downstream of Langworth Pond. The Mootz Drain site subwatershed is predominately pasture and represents a small area (1% of the total irrigated acres) in Zone 1 and therefore not representative of the zone.
Dry Creek @ Wellsford Rd	87,976	23,556	20%	34% Deciduous nuts, 32% Pasture, 20% Field crop, 7% Vineyard, 1% Grain/hay, 5% Rice	
<b>Zone 2</b>	195,780	145,393		39% Deciduous nuts, 20% Pasture, 35% Field crop, 2% Vineyard, 2% Nursery/berry	The second Core site for Zone 2 will be Lateral 5 ½ @ South Blaker Rd. Lateral 5 ½ is one of the largest subwatersheds in Zone 2 and has a variety of crops that represent the entire zone. The site is easily accessible and most likely will have water all year around.
Lateral 5 ½ @ South Blaker Rd	56,066	47,669	33%	48% Deciduous nuts, 17% Pasture, 30% Field crop, 2% Vineyard, 2% Nursery/berry	

	Total Acres	Total Irrigated Acres	Site Irrigated Acres /Zone Irrigated Acres (%)	Irrigated Acres Per Crop Type/Total Irrigated Acres (%)	Core Site Selection Rationale
<b>Zone 3</b>	195,780	145,393		36% Deciduous nuts, 9% Field crop, 6% Pasture, 5% Vineyard, 1% Grain/hay, 1% Nursery/berry	Highline Canal @ Hwy 99 will remain the Core site in Zone 3. The other sites in Zone 3, Highline Canal @ Lombardy Rd and Mustang Creek @ East Ave, both drain into Highline Canal @ Hwy 99. In addition, Mustang Creek @ East Ave is dry most months.
Highline Canal @ Hwy 99	38,666	35,476	24%	36% Deciduous nuts, 20% Field crop, 14% Pasture, 4% Vineyard, 2% Grain/hay, 1% Nursery/berry	
<b>Zone 4</b>	338,903	118,681		37% Deciduous nuts, 22% Field crops, 20% Pasture, 9% Nursery/berry, 6% Vineyard	The second Core site for Zone 4 will be Canal Creek @ West Bellevue Rd. The Canal Creek site subwatershed has a variety of crops that are representative of the zone. The other sites in Zone 4 are often dry or non-contiguous throughout the year.
Canal Creek @ West Bellevue Rd	12,646	3,808	3%	46% Deciduous nuts, 17% Field crops, 30% Pasture, 3% Vineyard	
<b>Zone 5</b>	396,501	160,601		32% Field crops, 30% Pasture, 16% Deciduous nuts, 11% Nursery/berry, 6% Grain/hay, 2% Rice, 1% Vineyard	The second Core site for Zone 5 will be Miles Creek @ Reilly Rd. The site subwatershed has a variety of crops similar to crops throughout the zone. In addition, the other three sites in the zone (Duck Slough @ Gurr Rd, Deadman Creek @ Gurr Rd, Deadman Creek @ Hwy 59) are often dry or non-contiguous.
Miles Creek @ Reilly Rd	49,082	10,184	6%	40% Field crops, 21% Pasture, 23% Deciduous nuts, 10% Nursery/berry, 5% Grain/hay	
<b>Zone 6</b>	2,015,328	353,008		30% Deciduous nuts, 30% Vineyard, 17% Field crops, 14% Pasture, 5% Grain/hay, 2% Citrus, 1% Nursery/berry	The second Core site for Zone 6 will be Dry Creek @ Rd 18. All other sites in the zone (Ash Slough, Berenda Slough, and Cottonwood Creek) are dry most months.
Dry Creek @ Rd 18	40,055	20,780	6%	53% Deciduous nuts, 32% Vineyard, 5% Field crops, 3% Pasture, 2% Grain/hay, 2% Citrus, 1% Nursery/berry	