



**Latitude:** 35.42642  
**Longitude:** -118.84045

### Driving Directions

**Highway Postmile:** KER R10.963

**From the North:** Highway 99 South to Highway 178 East, turn left onto Rancheria Road. Equestrian Center entrance is on left (west) side of Rancheria Road, approximately 2000 feet from Highway 178. Continue along road for approximately 1800 feet and turn right onto dirt road. Turn left at the "T" and follow dirt road for approximately 1000 feet. Ranch house is on the right at river shore (river left).

**Railroad Milepost:** N/A

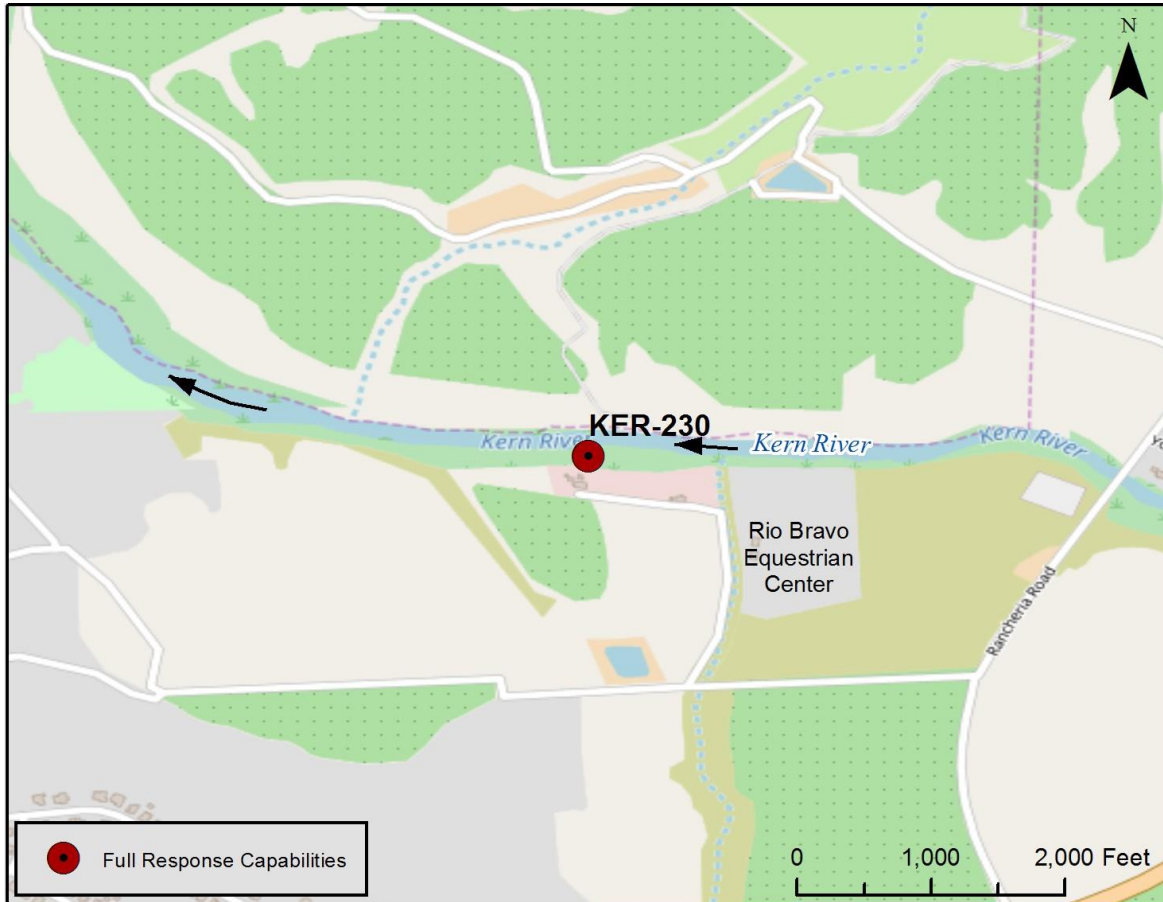
**Nearest Address and Thomas Guide #:**

15701 CA Highway 178  
 Bakersfield, CA 93306

**From the South:** Highway 99 North to Highway 178 East, turn left onto Rancheria Road. Equestrian Center entrance is on left (west) side of Rancheria Road, approximately 2000 feet from Highway 178. Continue along road for approximately 1800 feet and turn right onto dirt road. Turn left at the "T" and follow dirt road for approximately 1000 feet. Ranch house is on the right at river shore (river left).

**Cell Service:** Spotty, Verizon

### Overview Street Map



### Hazards, Restrictions and Advice for Responders

- Swift water during winter and spring flows
- Private property, must access Rio Bravo Equestrian Center
- Watch for horses and traffic while on road
- Rattlesnakes
- Steep bank and falling rocks on river right
- Water intake 0.2 miles downstream of site

### Resources-At-Risk

**Ecological:** Western Pond Turtle, San Joaquin kit fox, Bakersfield cactus. Riparian habitat supports sensitive plant and animal communities including migratory birds and raptors.

**Economic:** River's End River Rafting (661) 326-7003

**Tribal:** Contact the Native American Heritage Commission at (916) 373-3710.

**Cultural and Historic:** Contact the Southern San Joaquin Valley Information Center Information Center at (661) 654-2289.



## Site Description and Field Notes

<b>River Width:</b> 40 meters (131 feet)	<b>Site Location/Segment:</b> KER-KN-G-020  Located just west of the Rio Bravo Equestrian Center, which is managed by Rio Bravo Ranch, Nickel Family, LLC. There is a gate to access the river that may be locked after 19:00 hours. Dirt lot for staging equipment available at the equestrian center or the Rio Bravo Ranch, Nickel Family, LLC headquarters located at 15701 Highway 178 Bakersfield, CA 93306. Steep bank on river right, accessible via a small skiff.  <b>Vehicular Access:</b> Passenger vehicles, small trucks, vacuum trucks, trailers  <b>Recreational Use:</b> Rafting, human contact, tubing, ranch house rental  <b>Boat Launches:</b> Direct river access, shallow boat launch for small skiff (river left)  <b>ESI Shoreline Type:</b> 1A Exposed rocky bank/shore; 8F Vegetated, steeply-sloping bluffs; 9B Vegetated low banks
<b>Gradient:</b> Medium	
<b>Site Contact/s:</b>  Jeff Siemens, Rio Bravo Ranch, Nickel Family, LLC Mobile: (661) 364-3010  City of Bakersfield Water Resources (661) 326-3716	

## Site Images



Upstream



Downstream



Straight Across

RR = River Right RL = River Left

Photo Date: 02/16/2018

**Site Objectives:** Boom to prevent further movement of oil and allow for collection of oil.

**Implementation:** Deploy 600 ft. of containment boom upstream at an angle to prevent entrainment, utilizing trees as existing anchor points or using anchoring stakes. Oil collection will be on river left.

**Staging Area Location and Capabilities/Amenities/Waste Management:** Boom trailers, vacuum trucks and temporary storage tanks could use the space, but it is limited. Electricity and restrooms are onsite. The ranch house could be used as a command post but would need special permission from Rio Bravo Ranch, Nickels Family LLC. Decontamination of equipment possible at site.

#### Response Strategy Map (overview)



#### Table of Response Resources

Type	Sub-Type	Size	Unit	QTY - Unit	Special Equipment or Comments
Boom	Swamp	12	Inch	600 ft.	Booming strategy only effective during medium to low flow
Boom	Sorbent	5 or 8	Inch	600 ft.	5 inches for light oiling, 8 inches for heavier oiling
Stakes	Anchoring			6	6 stakes per boom, 3 on either end. Any boom with a "J" in its shape would require an additional stake. Recommend angled iron beams.
Anchors	Danforth	40	lb	2	Midstream anchoring.
Skimmer	Drum				Number will vary depending on response.
Boat	Small Skiff			1	Only necessary if river currents and water levels are optimal for launching a skiff to deploy boom.
Personnel				8	4 boat crew and 4 shoreside personnel.