



Latitude: 35.42919
Longitude: -118.82551

Driving Directions

Highway Postmile: KER 12.048

Railroad Milepost: N/A

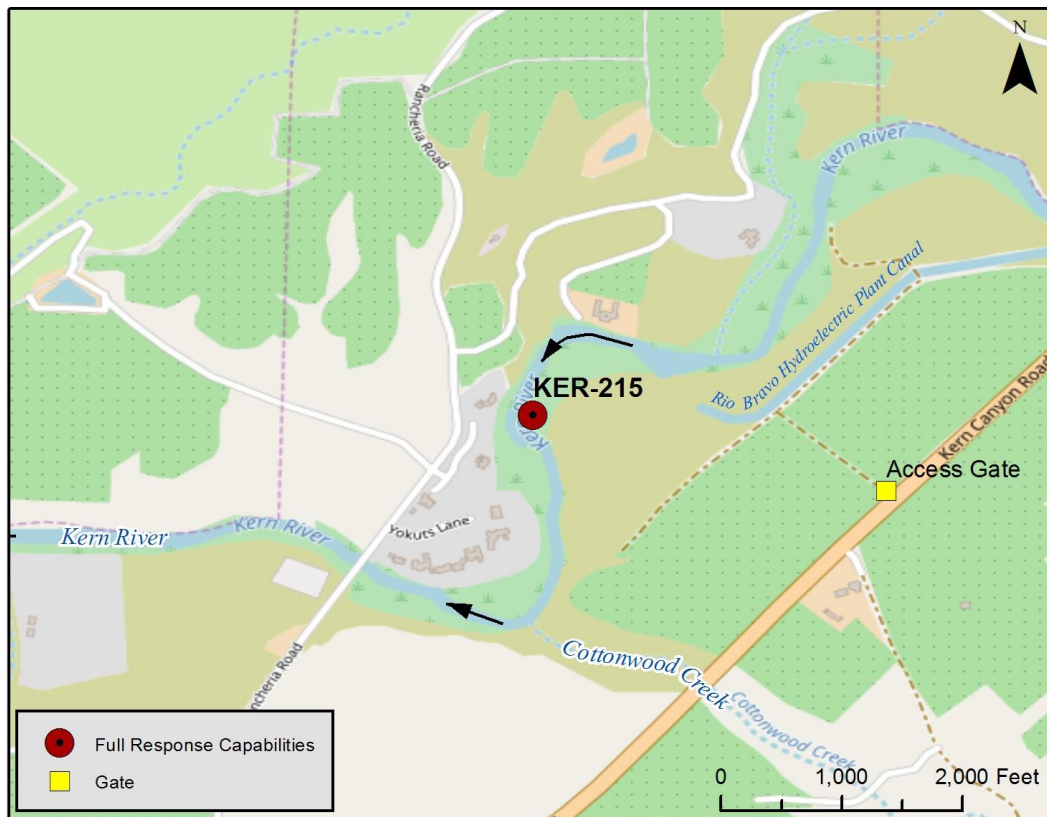
Nearest Address and Thomas Guide #:
 15701 CA Highway 178
 Bakersfield, CA 93306

From the North: Highway 99 South to Highway 178 East for approximately 14 miles, turn left at Rio Bravo Gate 2 (gate lat/long: 35.42740, -118.81738) and follow dirt road between orchards. Turn left at end of orchard and take the middle road. Turn left at "T" and follow dirt road to river shore (river left).

From the South: Highway 99 North to Highway 178 East for approximately 14 miles, turn left at Rio Bravo Gate 2 (gate lat/long: 35.42740, -118.81738) and follow dirt road between orchards. Turn left at end of orchard and take the middle road. Turn left at "T" and follow dirt road to river shore (river left).

Cell Service: Weak signal, Verizon

Overview Street Map



Hazards, Restrictions and Advice for Responders

- Swift water during winter and spring flows
- Steep slopes and falling rocks
- Private property, must access Rio Bravo ranch gate 2 which may be locked – contact Rio Bravo Ranch
- Private residence on RR with small water intake
- Narrow dirt road to river access
- Be aware of ranch employees and traffic on the property
- Rattlesnakes

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

River Width:

50 meters (164 feet)

Gradient: Low

Site Contact/s:

Jeff Siemens, Rio Bravo Ranch, Nickel Family, LLC
Mobile: (661) 364-3010

City of Bakersfield Water Resources (661) 326-3716

Site Location/Segment: KER-KN-G-015

Located on Rio Bravo Ranch, Nickel Family, LLC property. There is a gate to access the river that might be locked. Limited room to stage vehicles and equipment. A larger staging area is available at the Rio Bravo Ranch, Nickel Family, LLC headquarters located at 15701 Highway 178 Bakersfield, CA 93306.

Vehicular Access: Passenger vehicles, small trucks, small trailers, small vacuum truck

Recreational Use: Rafting, Human Contact

Boat Launches: Direct river access, shallow boat launch for small skiff (river left). Private residence with river access/boat launch on river right.

ESI Shoreline Type: 1A Exposed rocky bank/shore; 8F Vegetated, steeply-sloping bluffs; 9B Vegetated low banks

Site Images



Upstream



Downstream



Straight Across

RR = River Right RL = River Left

Photo Date: 02/07/2018



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

Implementation: Deploy 400 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: Limited staging on river left. Boom trucks, trailer, vacuum trucks and temporary storage tanks could use the space, but it is limited. Access on river right limited due to private residence. Could access river right with a small skiff. Large staging location at Rio Bravo Ranch, Nickel Family, LLC headquarters. No restrooms or electricity onsite.

Response Strategy Map (overview)



Table of Response Resources

Type	Sub-Type	Size	Unit	QTY - Unit	Special Equipment or Comments
Boom	Swamp	12	Inch	400 ft.	Booming strategy only effective during medium to low flow
Boom	Sorbent	5 or 8	Inch	400 ft.	5 inches for light oiling, 8 inches for heavier oiling
Skimmer	Drum				Number will vary depending on response.
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	1	Midstream anchoring.
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.