

Latitude: 35.41801
Longitude: -118.97760

Driving Directions

Highway Postmile: N/A

Railroad Milepost: N/A

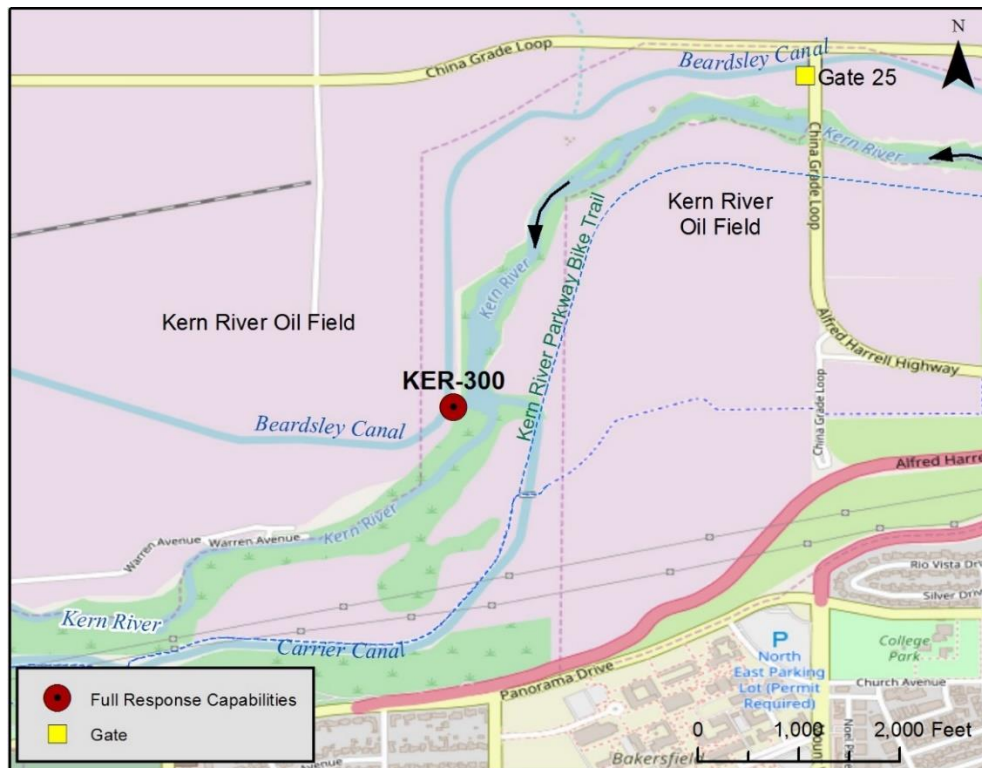
Nearest Address and Thomas Guide #:
1546 China Grade Loop
Bakersfield, CA 93308

Cell Service: Yes, Verizon

From the North: Highway 99 South to Merle Haggard/7th Standard exit. Turn left and head east on Merle Haggard Drive. Turn right at Airport Drive and then left onto China Grade Loop. Stay on China Grade Loop for approximately 4 miles. Turn right to stay on China Grade Loop. Turn right into Gate 25. Drive south-west along access road between the Beardsley canal and the Kern River to reach canal gate (canal left).

From the South: Highway 99 North to Merle Haggard/7th Standard exit. Turn right and head east on Merle Haggard Drive. Turn right at Airport Drive and then left onto China Grade Loop. Stay on China Grade Loop for approximately 4 miles. Turn right to stay on China Grade Loop. Turn right into Gate 25. Drive south-west along access road between the Beardsley canal and the Kern River to reach canal gate (canal left).

Overview Street Map



Hazards, Restrictions and Advice for Responders

- Swift water during winter and spring flows
- Active oil field operations, watch for equipment operators and vehicles, flame resistant clothing recommended
- Locked gates
- Stinging nettle potentially growing on bank
- Rattlesnakes
- Weir with multiple canal gates
- Narrow dirt access road to site
- Equestrian and walking trails, bike path southeast of site

Resources-At-Risk

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

Economic: Beardsley Canal Water Intake

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:
10 meters (30 feet)

Gradient: High

Site Contact/s:

Chevron Security
(661) 392-2425

City of Bakersfield Water
Resources
(661) 326-3716

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

This canal response site, adjacent to the Kern River, is located within Chevron North American Exploration and Production Company's active oil field within the Kern River Oil Field. Multiple dirt access roads are present and often wind around active pumping units. Access to canal right is off Oilfield Service Road. Take Oilfield Service Road south from China Grade Loop and enter Gate 3. Continue south, then turn left to reach the west bank of the canal.

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

Recreational Use: N/A

Boat Launches: N/A

ESI Shoreline Type: 1B Exposed, solid man-made structures

Site Images



Upstream



Downstream



Straight Across

CR = Canal Right CL = Canal Left

Photo Date: 06/07/2017

Site Objectives: Boom to prevent oil from entering Beardsley Weir and allow for collection of oil.

Implementation: Deploy 200 ft. of containment boom upstream from Beardsley Weir at an angle to prevent entrainment, using anchoring stakes. Oil collection will be on canal right. Rope for boom can be carried across weir bridge to canal left.

Staging Area Location and Capabilities/Amenities/Waste Management: Room for staging boom trucks, trailer, vacuum trucks and temporary storage tanks on dirt lot near canal right. Room for decontamination. Additional staging available along lease roads. No electricity and no restrooms onsite.

Response Strategy Map (overview)



Table of Response Resources

Type	Sub-Type	Size	Unit	QTY - Unit	Special Equipment or Comments
Boom	Swamp	12	Inch	200 ft.	Booming strategy only effective during medium to low flow
Boom	Sorbent	5 or 8	Inch	200 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	1	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.