

Latitude: 35.40065
Longitude: -119.00638

Driving Directions

Highway Postmile: N/A

Railroad Milepost: N/A

Nearest Address and Thomas Guide #:
121 Manor Street
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 1.5 miles to Manor Street, turn right on Manor St. Continue driving south on Manor Street and turn right at Peacock Park Lane to enter a parking lot for the Kern River Parkway Bike Trail. Drive southeast along the bike trail until you reach the levee road, use that road to access canal right and canal left.

From the South: Highway 99 North to Airport Drive exit. Continue straight on Airport Drive, turn right on to Roberts Lane. Turn right onto the Manor Street South ramp. Continue driving south on Manor Street and turn right at Peacock Park Lane to enter a parking lot for the Kern River Parkway Bike Trail. Drive southeast along the bike trail until you reach the levee road, use that road to access canal right and canal left.

Overview Street Map



Hazards, Restrictions and Advice for Responders

- Swift water during winter and spring flows
- Locked gates
- Weir with multiple canal gates
- Multiplex residential dwelling adjacent to site
- Bicycles and pedestrians on bike path
- Rattlesnakes
- Steep canal banks

Resources-At-Risk

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

Economic: Water intakes for East Side Canal, Kern Island Canal and Carrier Canal.

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

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



Site Description and Field Notes

River Width: 30 meters
(98 feet)

Gradient: Medium

Site Contact/s:

City of Bakersfield Water
Resources
(661) 326-3716

Site Location/Segment: KER-KN-I-025

This site is located where the Carrier Canal branches and the southern canals become the East Side Canal and Kern Island Canal. Carrier Canal heads north and then turns west. Multiple gates are present along the canals access roads. The City of Bakersfield Water Resources would need to be contacted to access the site.

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

Recreational Use: Bike and pedestrian trail

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: 06/08/2017



Site Objectives: Boom to prevent oil from continuing downstream of canal and allow for collection of oil.

Implementation: Deploy 200 ft. of containment boom upstream from oil collection point at an angle to prevent entrainment, using anchoring stakes. Oil collection will be on canal left.

Staging Area Location and Capabilities/Amenities/Waste Management: Limited room for staging boom trucks, trailer, vacuum trucks and temporary storage tanks. Room for decontamination. Additional staging available at bike path parking lot on west side of Manor Street. 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	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 for Boom A
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.