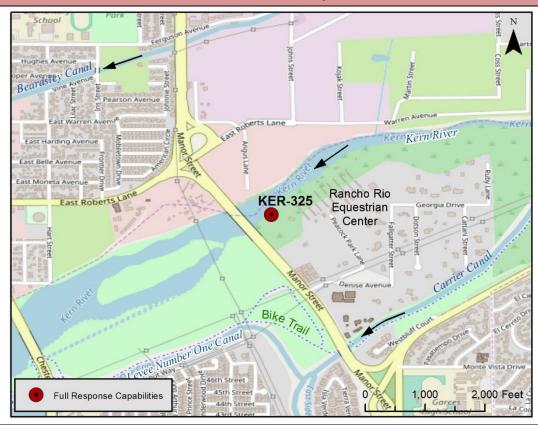
Overview Street Map



Hazards, Restrictions and Advice for Responders

- Swift water during winter and spring flows
- Equestrian center with horses accessing river's edge/river
- Watch for horses and foot traffic, speed limit is 5 mph in equestrian center
- Steep banks heavily vegetated
- Stinging nettle potentially growing on bank
- Rattlesnakes

Cell Service: Yes, Verizon

Manor Street overpass just west 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: Equestrian center with stables for boarding horses

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: 44 meters (144 feet)

Site Location/Segment: KER-KN-I-020

Gradient: Low

This site is located within the Rancho Rio Equestrian Center. There is a gate to the entrance with keypad access. Contact the site manager for gate code. Access to river right is possible by driving north on Manor Street and taking East Roberts Lane. Turn left at the stop sign and then right onto Angus Lane into the Robertson Stables. Follow dirt road south to the river. Water flow at this location can vary seasonally from high to no flow.

Site Contact/s:

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

Helen McKee (ranch manager) (661) 316-7399

Recreational Use: Horseback riding, human contact

City of Bakersfield Water Resources (661) 326-3716

Boat Launches: Direct river access. Small skiff at either river left or river right, river right is less steep

ESI Shoreline Type: 1B Exposed, solid man-made structures; 4 Sandy bars and gently sloping banks; 8F Vegetated, steeply-sloping bluffs; 9B Vegetated low banks

Site Images





Upstream

Downstream



Straight Across

RR = River Right RL = River Left

Photo Date: 11/15/2017



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. Shallow boat launch location on river right.

Staging Area Location and Capabilities/Amenities/Waste Management: Staging on river left. Room for boom trucks, trailer, vacuum trucks and temporary storage tanks. Restrooms and electricity available at the Rancho Rio Equestrian Center, would need to get property owner's permission.

Response Strategy Map (overview)



Table of Response Resources					
Туре	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
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.