Response Strategy Site: Calloway Weir (KER-335)

Response Strategy Site: Call	bway weir (KER-335)					
Latitude: 35.39987 Longitude: -119.02690	Driving Directions					
Highway Postmile: N/A	From the North: Highway 99 South to Merle Haggard/7 th Standard exit. Turn left and head east on Merle Haggard Drive. Turn right at Airport Drive and head south to Roberts Lane. Turn left on Roberts					
Railroad Milepost: N/A	Lane. Head east on Roberts Lane, turn right on Oildale Drive. Head south on Oildale Drive, turn left a Willow Drive to access Riverview Park. Alternatively, continue south on Oildale Drive to the maintenance road along the north bank of the Calloway canal (river right). Access river left by crossing the weirs and driving along the bike path. City of Bakersfield Water Resources would need to be contacted to unlock gate (661) 326-3716.					
Nearest Address and Thomas Guide #: 401 Willow Drive Bakersfield, CA 93308						
Cell Service: Yes, Verizon	From the South: Highway 99 North to Airport Drive exit. Continue straight on Airport Drive, turn right on to Roberts Lane. Head east on Roberts Lane, turn right on Oildale Drive. Head south on Oildale Drive, turn left at Willow Drive to access Riverview Park. Alternatively, continue south on Oildale Drive to the maintenance road along the north bank of the Calloway canal (river right). Access river left by crossing the weirs and driving along the bike path. City of Bakersfield Water Resources would need to be contacted to unlock gate (661) 326-3716.					
	Overview Street Map					
Rings Lane August State Nature August State Nature State N	Huskey Drive Beartsbury Averue Willow Drive Scanore Drive Scanore Drive Willow Drive Scanore Drive Cable Contern Conte					
	Hazards, Restrictions and Advice for Responders					
 Swift water during winter and spr Locked gates Weirs with multiple canal gates Bicycles and pedestrians on bike Rattlesnakes Steep sandy banks Homeless encampments in the a Equestrian riding with stables in t UP rail crossing immediately dow 	rea the area					
	Resources-At-Risk					

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

Economic: Water intakes for Calloway Canal and Weir for Kern River, sporting events at Riverview Park.

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.

Response Strategy Site: Calloway Weir (KER-335)						
Site Description and Field Notes						
River Width: 230 meters (755 feet)	Site Location/Segment: KER-KN-J-005					
Gradient: Low	This site is located just south of the Riverview Park. Access to the site is through the parking lot to the river's edge or through a gate on the maintenance road off Oildale Drive. Homeless encampments exist in the park and river areas.					
Site Contact/s:	Horse stables are present and equestrian trails are along the river right. Access river left from the bike trail on southbound Chester Ave and follow west to site. Water flow at this location can vary seasonally from high to no flow.					
City of Bakersfield Water Resources (661) 326-3716	Vehicular Access: Passenger vehicles, small trucks, vacuum trucks, trailers					
	Recreational Use: Bike and pedestrian trail, equestrian trail, baseball field at park					
	Boat Launches: Direct river access, small skiff at either river left or river right					
	ESI Shoreline Type: 1B Exposed, solid man-made structures; 3B Exposed, eroding banks in unconsolidated sediments; 4 Sandy bars and gently sloping banks; 9B Vegetated low banks					

Site Images



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Upstream

Downstream



Straight Across



Photo Date: 06/08/2017

Response Strategy Site: Calloway Weir (KER-335)

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

Implementation: <u>Boom A</u>: Deploy 400 ft. of containment boom upstream from Calloway Weir at an angle to prevent entrainment, using anchoring stakes. Oil collection will be between Calloway Weir and Kern River Weir. <u>Boom B</u>: Deploy 700 ft. of containment boom to protect Kern River Weir and Carrier Canal Weir at an angle to prevent entrainment, using anchoring stakes.

Staging Area Location and Capabilities/Amenities/Waste Management: Limited staging on river right. A small vacuum truck and small trucks could use the space, but it is limited. Larger staging location is at the Riverview Park parking lot. Electricity and restrooms are available at the park. Room for decontamination.

Response Strategy Map (overview)



Table of Response Resources						
Туре	Sub-Type	Size	Unit	QTY - Unit	Special Equipment or Comments	
Boom	Swamp	12	Inch	1100 ft.	Booming strategy only effective during medium to low flow. Boom A = 400-feet, Boom B = 700-feet.	
Boom	Sorbent	5 or 8	Inch	400 ft.	5 inches for light oiling, 8 inches for heavier oiling. Boom A = 400-feet	
Stakes	Anchoring			12	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	3	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.	

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