

Example for Each Sump

(Current) Owner and/or Operator	Field Name	County	Sump Name/Description	Description	Sump Location Latitude Longitude	(LxWxD) Sump Volume in ft.3	When Was the Sump (First) Excavated	How Many Years Was the Sump Active	Total Annual Amount of Fluid Discharged in bbls.	Composition of Fluid(s) ¹	Was Sump filled with Soil or Other Material? (Yes/No)	When Was the Sump Filled?
Southern California Gas Company (SoCalGas)	Aliso Canyon	Los Angeles	Sump 1	The sump is evident in photos from 1949 and 1954. Based on site reconnaissance and trenching data, the sump cavity was excavated in bedrock, and once filled, covered with locally derived material. Located approximately 210 feet southeast of an oil well known as "Standard Sesnon 24".		Based on aerial photographs 80 x 150. Limey shale encountered at 11 feet below ground surface (bgs)	Pothole trench excavated in 1997	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 2	Sump 2 is positioned on a relatively flat pad near the oil well know as "Standard Sesnon 3".		Based on aerial photographs 80 x 100. However, the final remediation excavation area covered an area of approximately 13,060 square feet to a depth of between 26 and 31 feet.	Drum extracated in 1997. Exploratory trenching excavated in 1996.	Unknown	Unknown		Yes	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 3	Sump identified with some degree of uncertainty as absolute evidence of a sump was not identified during field investigations.		Siltstone bedrock encountered at 6 feet bgs	Drums extracated in 1997.	Unknown	Unknown		Yes	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 4	Based on available data the apparent location of the sump is north of an oil well known as "Fernando Fee 11". Groundwater was encountered at 19 feet bgs during a 1997 investigation. During a subsequent investigation no groundwater was encountered and therefore it was estimated that the water was perched transient water.			Exploratory trench excavated in 1997	Unknown	Unknown		Yes	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 5	Not definitively identified		The suspected sump was not identified through aerial photos, site reconnaissance mapping or geophysical surveying.	Exploratory trench excavated in 1997	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 6	The sump is positioned on top of a southwest-trending ridgeline that extends about 500 feet southwest of an oil well known as "Porter 32". There is limited access to the sump area.		Based on aerials 60 x 110. Siltstone bedrock encountered at 8 feet bgs	Exploratory trench excavated in 1997	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 7	Not definitively identified. Aerial photography and field reconnaissance efforts could not confirm the presence of a sump.		unknown	Two exploratory pothole trenches excavated in 1997	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 8	Sump presence was confirmed by research and field work. The sump actually consists of two adjacent, but physically distinct sumps, are referred to as the eastern and western sumps.		35 x35 (west) and 25 x 25 (east). Siltstone bedrock encountered at 11 feet bgs in west sump, 3 ft. bgs in east sump.	One exploratory trench excavated in each sump in 1997	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 9	Location of the sump was confirmed by aerial photos, however actual field evidence of sump materials was not found.		25 x 60. Siltstone bedrock encountered at 12 feet bgs	Exploratory trench excavated in 1997	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 10	The location not confirmed, albeit confirmed on aerial photographs.		60 x 85	Two exploratory pothole trenches excavated in 1996	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 11	The sump is apparent in 1949 and 1954 aerials, with no immediately adjacent oil wells.		55 x 220. Sandstone encountered at 12 bgs	Exploratory trenching performed in 1996	Unknown	Unknown		unknown	Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 12	Not definitively identified. Estimated to be in the general vicinity of an oil well known as "Porter 42"		unknown	unknown	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 13	Sump 13 is positioned on a relatively flat pad near the oil well know as "Porter Sesnon 20".		35 x 75	Exploratory trenching performed in 1996	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 14	Sump located within a relatively level area on upper portion of hill, south of oil well and pad		11,717 square feet	Exploratory trenching performed in 2006	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 15	Sump 15 is located approximately 180 feet north of a well referred to as 'Orcutt - Del Aliso - Sesnon 1' # 1		11,127 square feet	SoCalGas performed soil removal activates in 2008	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 16	Sump 16 is located near the well referred to as 'Orcutt - Del Aliso - Sesnon 1' # 1		6,652 square feet	Exploratory trenching performed in 2006	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 17	Sump was inaccessible			unknown	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 18	Sump was inaccessible		16,480 square feet	unknown	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 19	Sump was inaccessible		8,937 square feet	unknown	Unknown	Unknown			Unknown

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What Material Was Used to Fill the Sump?	Was There Solidified Waste? (Yes/No)	If Yes, What Was the Composition of those Solids?
Covered with locally derived material	none encountered	
3 buried 55 -gallon drums were found and removed. Upper 4.5 feet contained fill soil and scattered debris. Surficial material was underlain by stained soils and drilling muds.	Yes	Drilling muds encountered
One buried 55-gallon drum was found and removed. Fill soil was encountered from ground surface to about 6 feet bgs.	none encountered	
Soils from trenching and exploratory borings indicated the presence of stained and unstained soils within the top 21 feet, with drilling muds identified at 15-18 bgs.	Yes	Drilling muds encountered
N/A	none encountered	
Fill soils, were encountered from surface to a depth of approximately 8 feet bgs, where siltstone bedrock was encountered.	none encountered	
Unstained fill soil encountered in trenches in about top 1-2 feet, where siltstone bedrock was encountered.	none encountered	
Concrete debris encountered from surface to 1 foot bgs, unstained fill soil was encountered from 1 to 11 feet bgs (west). Unstained fill soil (0-3 feet)	none encountered	
Light brown coble silt (fill) encountered to 12 bgs	none encountered	
Sandy silt to total depth of potholes (12-15 bgs)	none encountered	
Silty sand and silty sand talus debris.	none encountered	
unknown	none encountered	
brown sandy silt, few black oil stained nodules	none encountered	
silty clay, some black stained oil nodules, bentonite		
Brown to olive brown silty clay with abundant gravel- to cobble-size angular rock fragments		

