

**San Diego Gas & Electric Company and Southern California Gas Company's  
Pipeline Safety & Reliability Project  
Conceptual Line 2010 Loop Resources Matrix<sup>1</sup>**

Criteria	Line 2010
Number of waterbodies crossed <sup>2</sup>	15
Number of wetlands crossed <sup>3</sup>	12
Number of horizontal directional drill segments	0
Number of railroads crossed	0
Number of highways crossed	2 (State Route 52 and Interstate 15)
Sensitive habitats crossed <sup>4</sup>	5
Number of California Natural Diversity Database (CNDDDB) records within 1 mile	130
Number of unique species reported in the CNDDDB within 1 mile <sup>5</sup>	41
USFWS critical habitat crossed <sup>6</sup> (miles)	1.08 (least Bell's vireo and San Diego fairy shrimp)
Preserved lands crossed (miles) <sup>7</sup>	2.25 (Mission Trails Regional Park [MTRP] and the San Diego State University Fortuna Mountain Mitigation Bank within MTRP)
Federal lands crossed (miles)	3.52 (Marine Corps Air Station Miramar)
Cultural resource sites crossed	3

<sup>1</sup>This Conceptual Line 2010 Loop Resources Matrix was derived from a desktop-level review of publicly available data and is based on conceptual tie-in locations on Line 2010. The analysis is based on a pipeline alignment that is assumed to parallel the existing Line 2010 right-of-way (ROW). However, the feasibility of looping adjacent to the existing line is dependent on available ROW, topography, and the location of these constraints in the field.

<sup>2</sup>The number of waterbodies was determined using the United States (U.S.) Geological Survey's National Hydrography Dataset and review of aerial imagery. Waterbodies include any drainage feature that is potentially under the jurisdiction of the U.S. Army Corps of Engineers or the California Department of Fish and Wildlife.

<sup>3</sup>The number of wetlands was determined using U.S. Fish and Wildlife Service's (USFWS's) National Wetlands Inventory geospatial data.

<sup>4</sup>Sensitive habitats crossed include valley and foothill grassland, southern sycamore-alder riparian woodland, Diegan coastal sage scrub, chaparral, and southern mixed chaparral.

<sup>5</sup>Of the 41 unique species reported, 11 are special status species, including coastal California gnatcatcher, Hermes copper butterfly, least Bell's vireo, San Diego fairy shrimp, California Orcutt grass, Del Mar manzanita, San Diego ambrosia, San Diego button-celery, San Diego mesa mint, spreading navarretia, and willowy monardella.

<sup>6</sup>USFWS critical habitat includes all critical habitat designated for various species by the USFWS.

<sup>7</sup>The mileage of preserved lands crossed was determined using the California Protected Areas Database.

Conceptual Line 2010 Loop Resources Matrix

<b>Criteria</b>	<b>Line 2010</b>
Parks crossed (miles)	2.25 (MTRP)
Fire-hazard rating crossed	Very high
Known hazardous material sites within 0.25 mile	None