



The Delta Tunnel by the Numbers¹

The Delta Conveyance Project, or single tunnel project, is the Newsom administration's proposed construction and operation of an underground tunnel that will divert from the Bay-Delta system freshwater and sell that water to large farming corporations and water wholesalers located south of the Delta. This massive, costly 16-year construction project will have grave environmental and ecological impacts on the fish, birds and wildlife in the Delta and the San Francisco Bay. It would also have negative socioeconomic impacts on California residents in the Bay-Delta region and beyond.

Sierra Club California Delta Tunnel Index

Estimated cost of the project, in billions, paid by California ratepayer dollars: **15**

Total number of acres that the project will cover: **5,086**

Length of the tunnel in miles: **40**

Diameter of the tunnel in feet: **39**

Depth below the Delta surface in feet: **190**

Tunnel capacity of water in cubic feet per second: **6000**

Acre Feet of "new" water the tunnel will provide: **0**

Number of environmental permits required for project: **9**

Number of fish and aquatic species impacted: **17**

Number of plant and wildlife species impacted: **45**

¹These numbers are based on construction and operation of the proposed tunnel project in the [Delta Conveyance Notice of Preparation](#) released by the CA Department of Water Resources on January 15, 2020.

Total estimated years of construction: **16**

Number of days per week that construction will take place: **6** (Weekdays + 1 day of maintenance)

Amount of hours **per day** that tunnel construction will take place: **20**

Amount of hours **per day** that facility construction on surface will take place and noise pollution from pounding of pile drivers will heard: **10**

Total number of construction projects along either alignment: **32**

Estimated number of delivery truck trips **per day** to each tunnel intake site (3-4 sites) at peak of construction: **150** (round trip)

Estimated average number of worker truck trips **per day** to each tunnel intake site at peak of construction: **175** (round trip)

Estimated total number of delivery truck trips **per day** to tunnel launch sites (2-3 sites) at peak of construction: **75** (round trip)

Estimated average number of delivery truck trips **per day** to each tunnel maintenance and retrieval site (3-4 sites) at peak of construction: **125 (round trip)**

Estimated average number of worker truck trips **per day** to each tunnel maintenance and retrieval site at peak of construction: **38** (round trip)

Amount of excavated material (muck) produced **daily** during construction in cubic feet: **64,800**

Acres needed to stockpile excavated muck from a 10-mile tunnel stretch at least 10ft high: **240**

Estimated number of truck trips **per day** to haul excavated muck off-site: **150** (round trip)

Amount of discharge into Delta waterways in cubic yards: **1,480,429**