

Chapter 12—Population and Housing, Public Services, and Utilities and Service Systems

12.1 Introduction

This chapter describes the existing conditions and potential Project-related impacts to population and housing, public services, and utilities and service systems. Public services include fire and police protection and maintenance of public facilities, such as schools and hospitals. Figure 12-1 illustrates the public services located within a one-mile radius of the Proposed Project facilities. Utilities and service systems include power, natural gas, communications, water treatment and distribution, sewer and septic facilities, solid waste disposal, and local and regional water supplies. The Project will neither significantly impact the regional or local population nor require the displacement of existing housing. In addition, no significant impacts will occur to public services or utilities and service systems as a result of this Project.

12.1.1 Methodology

Demographic and economic data were obtained from literature searches, statistical reports from the California Department of Finance, the U.S. Department of Housing and Urban Development, the California Employment Development Department (EDD), the U.S. Census Bureau, the Association of Bay Area Governments (ABAG), and personal communications with local and regional government personnel. Public-service, utilities, and service-systems data were obtained from searches of local government websites, other local-services informational resources, and personal communications with local public-service providers.

12.2 Existing Conditions

The Project is located in the County of San Mateo, including the towns of Hillsborough, and Colma, and cities of Brisbane, Daly City, San Bruno, and South San Francisco. Within San Mateo County, the Project crosses through the Peninsula Watershed and two county parks – Edgewood County Park and San Bruno Mountain State and County Park. In addition, two substations located away from the transmission line would undergo minor modifications: San Mateo Substation in the City of San Mateo and Monta Vista Substation in Cupertino.

12.2.1 Population

Table 12-1 summarizes the overall population totals and trends for those jurisdictions within the Project Area, including all of San Mateo County, for both the 1990 and 2000 Census. The ABAG projected total populations for each jurisdiction (by the years 2010 and 2020) are also included in Table 12-1. California Department of Finance population increase estimates for the period between January 2000 and January 2001 were reviewed. San Mateo County ranked 37 out of the 58 California counties for percentage of population increase.

TABLE 12-1
Project Area Population Totals and Trends

City/County	1990 Census Total	2000 Census Total	Percent Increase 1990-2000	Projected Population 2010	Projected Population 2020
Brisbane	2,952	4,063	37.6	4,280	5,120
Burlingame	26,801	29,512	10.1	31,500	33,100
Colma	1,103	1,287	16.7	1,310	1,370
Daly City	92,311	104,571	13.3	110,400	113,000
Hillsborough	10,667	11,681	9.5	12,200	12,400
Millbrae	20,412	21,394	4.8	23,600	24,300
San Bruno	38,961	40,750	4.6	44,600	46,300
San Carlos	26,167	28,956	10.7	30,700	NA
South San Francisco	54,312	62,511	15.1	66,700	NA
San Mateo County	649,623	730,029	12.4	779,700	809,800

Source: U.S. Census Bureau, 1990 and 2000 Census; Association of Bay Area Governments, Projections 2000.

As of March 2000, the California Department of Finance estimated San Mateo County's population at 730,029—approximately two percent of the state population (see Table 12-1). Daly City, at the northern end of the Proposed Project, accounted for approximately 15 percent (104,571 residents) of San Mateo County's population, while South San Francisco contributed approximately nine percent (62,551), and Brisbane at the northern terminus of the route added another 0.6 percent (4,063). Since 1990, San Mateo County's population has grown by approximately 57,538 residents, an increase of 8.9 percent; Daly City's population increased by approximately 12,260 residents, up 13.3 percent; and South San Francisco's population increased by approximately 8,199 residents, or 15.1 percent.

Based on the ABAG population forecasts for the next 10 years, the population rate increase in northern San Mateo County will slow to between four and seven percent up until the year 2010. On average, the areas of San Mateo County within proximity of the proposed route are projected to experience a population increase of 8.1 percent between 2000 and 2020. The entire county is projected to grow on average 17 percent between 2000 and 2020. By 2020, the total population of San Mateo County is expected to reach 834,500.

12.2.2 Housing

As shown in Table 12-2, as of January 2000, San Mateo County had approximately 263,465 total housing units and a 3.93 percent vacancy rate. In January 2000, Daly City had a 3.82 percent vacancy rate and approximately 31,963 total housing units. South San Francisco had a 2.94 percent vacancy rate and a total of 20,661 housing units, and Brisbane had a 5.99 percent vacancy rate and 1,785 total units. Burlingame had 13,172 housing units with a 4.52 vacancy rate. Colma only had 478 units with a 5.02 vacancy rate. Hillsborough and San Bruno had 3,887 units and 15,203 units, respectively with vacancy rates of 4.27 and 3.54. Millbrae had 7,969 units and the lowest vacancy rate at 2.75.

Figure 12-1
Placeholder for Public Services graphic
11X17 COLOR

FIGURE 12-1
Placeholder for Public Services graphic

Housing data for the Project Area are summarized in Table 12-2. Over half (57 percent) of the total housing units in San Mateo County are single-family detached homes. Fewer than half (43.3 percent) of the housing units in Daly City are single-family detached homes, while one quarter of the units are multiple-family structures with five or more units. The cities of Brisbane and Burlingame have the largest percentage of high-density housing within the Project Area, with 28 and 42 percent, respectively, of all housing within the two cities categorized as multiple-family structures with five or more units.

TABLE 12-2
Project Area Total Housing Units and Vacancy Rate

City/County	Total Housing Units	Percent Vacant
Brisbane	1,785	5.99
Burlingame	13,172	4.52
Colma	478	5.02
Daly City	31,963	3.82
Hillsborough	3,887	4.27
Millbrae	7,969	2.75
San Bruno	15,203	3.54
South San Francisco	20,661	2.94
San Mateo County	263,465	3.93

Source: California Department of Finance, 2000; U.S. Census, PL94-171 (March 2001) and DP-1 (May 2001).

12.2.3 Temporary Housing

The Project Area within San Mateo County and neighboring San Francisco encompasses numerous visitor accommodations. San Francisco County alone has approximately 19,600 residential hotel rooms capable of supporting transient workers. According to a statistical study conducted in May 2002 on hotels' business, the average occupancy rate within the San Francisco Bay Area was 67.85 percent in 2001 and 60.4 percent in the first five months of 2002. In the San Francisco International Airport area, the average daily room rate was \$146.05 in 2001 and \$103.04 during the first five months of 2002. For room rates of \$110 or less in the San Francisco Bay Area during the first month of May, the occupancy rate was 63.2 percent and for room rates less than \$80, the occupancy rate was 54.7 percent.

12.2.4 Employment and Income

Table 12-3 summarizes total employment figures and unemployment rates for the Project Area. According to the May 2002 EDD Labor Force Data, the total number of employed people in San Mateo County is 386,300. The most recent data show the county unemployment rate at 4.3 percent. Within the Project Area, Daly City had the highest number of employed people within San Mateo County, at approximately 53,290, but the city also had the highest unemployment rate at 5.6 percent. South San Francisco's employment totaled approximately 30,690, with an unemployment rate of 5.5 percent.

TABLE 12-3
Project Area 2002 Total Employment Figures and Unemployment Rate

City/County	Total Employment (number of laborers)	Unemployment Rate (percent)
Brisbane	2,020*	5.4*
Burlingame	16,500	2.9
Colma	1,670**	No Available Data
Daly City	53,290	5.6
Hillsborough	5,400**	No Available Data
Millbrae	11,060	3.3
San Bruno	23,200	4.3
South San Francisco	30,730	5.4
San Mateo County	386,300	4.3

Source: State of California Employment Development Department, 2002 Labor Force Data.

*Personal Communication, Brisbane Planning Department.

**Data from ABAG Projections 2000.

EDD reported in March 2002 that jobs in the services industry division (i.e., hotels, retail, transportation, trade) made up the majority of the labor force in the San Francisco Primary Metropolitan Statistical Area (PMSA), which comprises Marin, San Francisco, and San Mateo counties. A summary of ABAG's projections in 2000 indicated that this pattern will likely continue, with the services industry division accounting for just over 60 percent of job growth during the next few years. Business services will make up the bulk of the new jobs with approximately 27,200, two-thirds of which will be in software development or computer-related services. It is also projected that the health services industry will add approximately 2,300 jobs, while engineering, architectural, accounting, research, and management services will account for approximately 2,100 jobs. Between March 2000 and March 2002, the unemployment rate increased for every jurisdiction within the Project Area. However, ABAG has projected that the San Mateo County overall will add 71,460 jobs between 2000 and 2020, an increase of 18.7 percent over 20 years.

Table 12-4 summarizes the 2000 and projected 2010 mean household income figures for the Jefferson–Martin Project Area. According to Census 2000 Supplementary Survey Profile, the mean household income for San Mateo County was \$98,899. San Francisco's mean household income was \$81,151. The mean income for the entire San Francisco PMSA in 2000 was \$90,129. Based on ABAG data for the year 2000, South San Francisco had a mean household income of \$68,000, and Daly City had a mean household income of \$69,100. ABAG projections estimate that the mean household income of San Mateo County will reach \$100,100 by 2010. The projected 2010 mean household income for the City of San Francisco is \$91,100, while the estimate for South San Francisco is \$76,100, and Daly City's is \$77,500.

TABLE 12-4
Project Area 2000 and 2010 Mean Household Income Figures

City/County	2000 (\$)	2010 Projections (\$)
Brisbane	63,600	75,900
Burlingame	81,700	94,200
Colma	51,000	56,000
Daly City	69,100	77,500
Hillsborough	254,900	281,300
Millbrae	83,400	95,000
San Bruno	71,000	80,200
South San Francisco	68,000	76,100
San Mateo County	88,700	100,100

Source: ABAG, Projections 2000. San Francisco data from Census 2000 Supplementary Survey Profile.

12.2.5 Fire Protection

12.2.5.1 San Mateo County

The California Department of Forestry and Fire Protection serves the unincorporated areas of San Mateo County, including the Peninsula Watershed. It comprises four paid and four volunteer stations with 63 career staff and 45 volunteers. The stations include:

- Belmont Fire Station, 20 Tower Road, San Mateo
- Cordilleras Fire Station, 300 Edmonds Road, Redwood City
- Skylonda Fire Station, 17290 Skyline Boulevard, Woodside
- Pescadero, Fire Station, 1200 Pescadero Road, Pescadero
- La Honda volunteers, 8945 State Highway 84, La Honda
- Kings Mountain volunteers, 13889 Skyline Boulevard, Woodside
- Loma Mar volunteers, 8150 Pescadero Road, Loma Mar
- Middleton Tract volunteers, Portola Valley

12.2.5.2 Brisbane

The Brisbane Fire Department is responsible for fire protection for all areas within the city limits. The department supports a full-time staff and provides fire suppression, medical emergency services, and citizen assistance within the city. The department employs 12 firefighters and captains at one station located at 3445 Bayshore Boulevard at the Valley Drive intersection. The department's average response time is 3.5 minutes.

12.2.5.3 Burlingame

The Burlingame Fire Department is responsible for fire protection for all areas within the city limits. The Burlingame Fire Department staffs three fire stations with four fire companies. Station 34 is located at 799 California Drive, Station 35 at 2832 Hillside Drive, and Station 36 at 1399 Rollins Road. The department's average response time is approximately 5 minutes.

12.2.5.4 Colma

The Colma Fire Department serves the town, as well as the surrounding areas of Brodmoor, Sterling, and Garden Park. The department provides paramedic, hazardous materials, and First Responder services. Its one station, with a full-time paramedic and 35 on-call firefighters, is located at 50 Reiner Street. The department declined to disclose its average response time.

12.2.5.5 Daly City

The Daly City Fire Department responds to emergencies and calls for service from five fire stations within the city limits. Station 91 is located at 151 Lake Merced Boulevard, Station 92 at 499 Santa Barbara Avenue, Station 93 at 464 Martin Avenue, Station 94 off of I-280 at 444 Gellert Boulevard, and Station 95 is at 191 Edgemont Drive. The department's average response time is 3 minutes.

12.2.5.6 Hillsborough

Hillsborough Fire Department personnel provide all emergency services, including paramedic response, to the town. The department employs 35 uniformed members, with at least one firefighter/paramedic assigned to each of its three fire stations. Station 31 is located at 1600 Floribunda Avenue at Town Hall, Station 32 at 330 Ascot Road (cross streets Chiltern Road and West Santa Inez Avenue), and Station 33 at 835 Chateau Drive at Skyline Boulevard. Fire administration and prevention offices are located at 1600 Floribunda Avenue adjacent to the fire station in the Town Hall complex. The department's average response time is approximately 3.75 minutes.

12.2.5.7 Millbrae

The Millbrae Fire Department provides fire protection, mitigation, and emergency response services to areas within the community. The Millbrae Fire Department also responds in cooperation with Central San Mateo County Alarm Plan on all requests for mutual aid. There are 28 full time employees, including 12 authorized paramedic positions, which staff the department. The department operates two stations. Fire Station #37 is located at 511 Magnolia Avenue and Station #38 at 785 Crestview Drive. The department's average response time is 3 to 4 minutes.

12.2.5.8 San Bruno

The San Bruno Fire Department provides fire protection within the city limits from its two stations. The 36-member department can also call upon 25 trained Paid Call Reserves. Station 51, located on the south side of the City Hall Complex at 555 El Camino Real, consistently ranks as the second busiest fire station in San Mateo County. Station 52 is located near the intersection of Sneath Lane and Earl Avenue at 1999 Earl Avenue. The department's average response time is 4 minutes.

12.2.5.9 South San Francisco

The South San Francisco Fire Department provides residents with fire suppression, building inspections, code enforcement, fire investigation, and public education. The department staffs 20 employees and operates five stations. Central Fire Station is located at 201 Baden Avenue, Station 2 at 249 Harbor Way, Station 3 at 33 Arroyo Drive, Station 4 at 2350 Galway

Drive, and Station 5 at 1151 South San Francisco Drive. The department's average response time for an engine is 3 minutes; for an ambulance, it is 4.5 minutes.

12.2.6 Police Protection and Law Enforcement

12.2.6.1 San Francisco Public Utilities Commission

The SFPUC Land Resource Management Section (LRMS) monitors and enforces uses throughout the Peninsula Watershed, both on land and water. It operates nine caretaker cottages on the Peninsula Watershed; one serves as an operations center and the other eight house emergency response staff. Watershed Keepers and other LRMS staff are trained in enforcement and safety procedures and identification of activities that could directly or indirectly result in water quality degradation. As an element of the Peninsula Watershed Plan, the LRMS is preparing a Safety and Security Program that includes but is not limited to: regular maintenance and inspection, trespassing control, law enforcement responsibilities, on-site risk assessment studies, and a system for accident reporting.

12.2.6.2 San Mateo County Sheriff's Office (Office of Emergency Services)

The San Mateo Sheriff's Office serves San Mateo County. The full-service operation comprises five divisions with over 550 employees. In addition, the Office of Emergency Services (OES) operates from within the Sheriff's office.

The Sheriff's Office contracts with the Town of Woodside, Portola Valley, and East Palo Alto to provide patrol services. It is also responsible for patrolling all unincorporated areas of the county. The Sheriff's Coastside Patrol, located at 500 California Street in Moss Beach, performs law enforcement activities for over 60 percent of San Mateo County and staffs 27 full-time deputy sheriffs, four sergeants, and one lieutenant. The Sheriff's Office also supports local police departments on an as-needed basis. The OES serves 20 incorporated cities, as well as unincorporated areas of San Mateo County. OES responders are part of the Hazardous Materials Response Team. The San Mateo Sheriff's Office is located in the Hall of Justice and Records, 400 County Center, in Redwood City.

12.2.6.3 Brisbane Police Department

The Brisbane Police Department serves the city and provides mutual-aid services to surrounding cities. It comprises motor and K-9 units. Staff includes 15 officers, three reservists, and two dogs. The Brisbane Police Department is located at 50 Park Place.

12.2.6.4 Burlingame Police Department

The Burlingame Police Department provides services to the city. It employs 50 full-time employees plus support staff. The department is located at 1111 Trousdale Drive.

12.2.6.5 Colma Police Department

The Colma Police Department provides crime prevention and public safety within the town. Its staff totals 22 employees and two reserve officers. The department is located at 1189 El Camino Real.

12.2.6.6 Daly City Police Department

The Daly City Police Department, San Mateo County's largest police department, employs 120 sworn and 43 non-sworn personnel. The department offices are located at 333 90th Street.

12.2.6.7 Hillsborough Police Department

The Hillsborough Police Department provides police service within Hillsborough. It comprises 28 sworn officers and two police dogs. The department is located at 1600 Floribunda Avenue.

12.2.6.8 Millbrae Police Department

The Millbrae Police Department has 58 employees, charged with preserving life and the quality of life in Millbrae, and maintains a Reserve Police Officer Program. The department is located at 621 Magnolia Avenue.

12.2.6.9 San Bruno Police Department

The San Bruno Police Department serves the city with a staff of 50 sworn officers, 19 civilian employees, and seven reserve officers. The department is located at San Bruno Civic Center, 567 El Camino Real.

12.2.6.10 South San Francisco Police Department

The South San Francisco Police Department serves the city with 80 sworn officers and a total of 120 employees. The department is located at 33 Arroyo Drive.

12.2.7 Schools

12.2.7.1 Public

Brisbane Elementary District

The cities of Brisbane and Daly City are served by the Brisbane School District. The district governs three schools. Brisbane Elementary School and Lipman Middle School are located in Brisbane, and Panorama School is located in Daly City. The district has an enrollment of 649 students.

Burlingame School District

The Burlingame School District serves the entire city with its five elementary schools (grades kindergarten [K] through 5) and one intermediate school (grades 6 through 8). The total enrollment is approximately 2,300 students.

Hillsborough City School District

The Hillsborough City School District serves Hillsborough. The district's four schools include North School, South School, West School, and Crocker Middle School. The enrollment is 841 students in K through fifth grades and 440 students in sixth through eighth grades.

Jefferson Union High School and Elementary School Districts, and Bayshore School District
Jefferson Union High School District (JUHSD), Jefferson Elementary School District (JESD),
and the Bayshore School District (BSSD) serve Daly City and Colma. The JUHSD includes

four high schools and one continuation school. The JESD oversees 16 elementary and intermediate schools with a total of over 7,700 students. The BSSD also provides primary and secondary school education to Daly City, with one elementary school and one intermediate school that together serve 5,500 students.

Laguna Salada Elementary School District

The Laguna Salada Elementary School District serves the cities of Pacifica and San Bruno. Most of the district's nine schools are located in Pacifica, San Bruno's neighbor to the west. However, one middle school lies within San Bruno. The district enrollment is 3,182 students.

Millbrae Elementary School District

The Millbrae Elementary School District, a small K–8 elementary district situated in northern San Mateo County adjacent to the San Francisco Airport, serves Millbrae. The district comprises four elementary schools and one middle school and supports a total enrollment of 2,173 students.

San Bruno Park Elementary District

The San Bruno Park Elementary District serves San Bruno. Its seven elementary schools (grades K through 6) and one intermediate school (grades 7 through 8) have a total enrollment of 2,900 students.

San Mateo Union High School District

San Mateo Union High School District serves the cities of San Mateo, San Bruno, Burlingame, and Millbrae. The district includes eight high schools and one adult school. Total enrollment is 7,840 students.

South San Francisco Unified School District

The South San Francisco Unified School District serves South San Francisco, the Serramonte area of Daly City, and a small portion of San Bruno. The district includes 10 elementary schools, three middle schools, two high schools, one adult, and one continuation school. The enrollment is 9,595 students.

12.2.7.2 Private

Burlingame has three private schools with a total enrollment of 1,100 students; the schools provide primary and secondary education. Colma has a single private primary school with an enrollment of 297 students. Within Daly City, five private primary-education schools serve over 1,100 students. Hillsborough has two private schools that provide primary and secondary education for 670 students. Millbrae has two private schools serving 409 primary and intermediate students. San Bruno has two private schools providing primary and intermediate education to a combined enrollment of approximately 1,300 students. South San Francisco has four private schools with a combined enrollment of 929 primary and secondary students.

12.2.8 Hospitals and Convalescent Homes

12.2.8.1 San Mateo County

San Mateo County General Hospital and Health Center is located at 222 W. 39th Avenue in San Mateo, two miles east of the Project Area. The Health Center has a variety of child and adult services and programs.

12.2.8.2 Brisbane

No major health care facilities, hospitals, or convalescent homes are located in Brisbane.

12.2.8.3 Burlingame

Burlingame has two major hospitals, Peninsula Hospital on El Camino Real and Mills Peninsula Home Health Agency (Peninsula Medical Center) that provide acute care, rehabilitation facilities, an emergency department, and a variety of clinics and private physicians. Mills Peninsula has plans to construct a new facility at the Medical Center site on Trousdale Drive. The planned five-story, 400,000-square foot acute-care hospital in a “campus” setting is scheduled for construction from 2004 through 2008. The hospitals are located approximately three miles south and 1.5 miles east of the proposed route.

Burlingame Nursing and Rehabilitation Center is located at 1100 Trousdale Drive and Millhaven Convalescent Hospital at 1609 Trousdale Drive. The two facilities are also located three miles south and 1.5 miles east of the route.

12.2.8.4 Colma

No major health care facilities, hospitals, or convalescent homes are located in Colma.

12.2.8.5 Daly City

Hampton Court, a convalescent and assisted-living facility, is located at 995 East Market Street, fronting the Guadalupe Canyon Parkway. Seton Medical Center provides a variety of health care, rehabilitative services, and research facilities. The center is located at 1900 Sullivan Avenue, one mile east of the proposed route. North County Health Center, at 380 90th Street, is also one mile east of the route, and provides adult and child medical services.

12.2.8.6 Hillsborough

Mills Hospital is just east of Hillsborough, at 100 South San Mateo Drive, 2.5 miles east of the route in the City of San Mateo.

12.2.8.7 Millbrae

The Millbrae Serra Convalescent Hospital is located at 150 Serra Avenue, and the Emmanuel Convalescent Hospital of Millbrae is located at 33 Mateo Avenue in Millbrae, two miles south and 1.5 miles east of the proposed route.

12.2.8.8 San Bruno

San Bruno Skilled Nursing Hospital is located at 890 El Camino Real approximately 0.1 mile west of the proposed route.

12.2.8.9 South San Francisco

Kaiser Permanente Hospital and Home Health are located at 1200 El Camino Real, approximately 0.2 mile west of the route. St. Luke's Hospital, located at 225 Spruce Avenue in the city center, one mile east of the route, also provides health care services to the surrounding area.

12.2.9 Local Utilities

12.2.9.1 Telephone, Gas and Electric, and Cable Television

Burlingame, Brisbane, Colma, Daly City, Hillsborough, Millbrae, and South San Francisco The cities of Brisbane, Burlingame, Daly City, Millbrae, and South San Francisco, as well as the Town of Hillsborough, are predominately served by AT&T Broadband for cable television, Pacific Bell for telephone services, and exclusively by PG&E for natural gas and electric needs.

San Bruno

Pacific Bell serves as the local telephone provider, and PG&E provides all natural gas and electric service. A city-owned provider, San Bruno Cable, supplies the city.

12.2.9.2 Water and Sewer

San Francisco Public Utilities Commission

The SFPUC provides wholesale water supply service to peninsula communities adjacent to and within the Proposed Project Area. The SFPUC provides wholesale water supply service to peninsula communities adjacent to and within the Proposed Project Area. The SFPUC is the primary water supplier for over 30 water districts and water agencies in the Bay Area, collectively known as the Bay Area Water User Association. The SFPUC also manages 59,000 acres of watershed land within the region, including 23,000 acres in the San Francisco Peninsula Watershed.

The SFPUC water system provides approximately 260 million gallons a day to 2.4 million customers in incorporated and unincorporated areas of San Francisco, Santa Clara, Alameda, and San Mateo counties. Eighty-five percent of its water comes from snowmelt stored in the Hetch Hetchy reservoir located in the Sierra Nevada, and is delivered to the Bay Area via a regional system of over 280 miles of pipelines, 60 miles of tunnels, 11 reservoirs, 5 pump stations, and 2 water treatment plants. The remaining fifteen percent of water delivered to SFPUC customers comes from Bay Area runoff and is stored in 14 reservoirs located in Alameda and San Mateo counties. In addition to these reservoirs, the local system also consists of 9 water tanks, 17 pump stations, and 1,250 miles of transmission and water mains. The SFPUC is the primary water supplier for over 30 water districts and water agencies in the Bay Area, collectively known as the Bay Area Water User Association. For more information on the jurisdiction of the SFPUC in the Project Area, refer to Chapter 5, Land Use, Recreation, and Agricultural Resources and Chapter 9, Hydrology and Water Quality.

Brisbane

The Brisbane Public Works Department provides water distribution services to the city, supplying approximately 128 million gallons per year. Water is purchased from the SFPUC water system. The department also maintains and operates the sewer system collection

system within the city. Sewage is transported to a treatment facility located in San Francisco.

Burlingame and Hillsborough

The Burlingame Public Works Department Water Division acquires and distributes water to residents within Burlingame and Hillsborough. The source for all water within the system is metered connections off the SFPUC Crystal Springs and Sunset Aqueducts. The Burlingame Streets and Sewer Division operates and maintains the sewer collection and storm drainage systems within Burlingame and also serves Hillsborough. San Mateo County provides sewer collection for the unincorporated area of Burlingame Hills. With few exceptions, the sewer system is gravity fed to lift stations located in the industrial sections of town, then to the Treatment Plant at 1103 Airport Boulevard.

Daly City and Colma

Daly City Public Works Department distributes water to all residents within the city. The city also relies on local wells for approximately 50 percent of the water supply. Colma is serviced by California Water Service Company's (Cal Water) Mid-Peninsula District, with local offices in San Mateo. The source for water within both systems is metered connections off of the SFPUC's water system. The Daly City Public Works Department provides sewer collection services for the entire city, as well as for the neighboring Colma. The sewer treatment plant is located at the corner of John Daly Boulevard and Lake Merced Boulevard in Daly City.

Millbrae

The Millbrae Public Works Department provides water supply and distribution to all residents within the city. The city receives the water supply from the SFPUC water system. The department's Wastewater Treatment Division oversees wastewater collection and is responsible for operating and maintaining the wastewater treatment plant, located at 400 E. Millbrae Avenue.

San Bruno

The San Bruno Public Works Department's Water Division can produce water locally from wells in addition to purchasing it from the SFPUC water system. The city is investigating the possibility of increasing the proportion of water supplied from wells. The department's Wastewater Division oversees the wastewater collection system throughout the city. Under agreement with South San Francisco, approximately 3.34 million gallons of effluent per day are received from San Bruno and pumped through the Shaw Road Pump Station to be treated at the jointly owned South San Francisco-San Bruno Water Quality Control Facility.

South San Francisco

Cal Water provides water distribution and supply services to the city. Water is purchased from the SFPUC water system. The Public Works Department's Water Treatment Division provides operation and maintenance of sewer collection and the water treatment facilities. The water treatment plant, located adjacent to San Francisco Bay on Colma Creek, provides secondary wastewater treatment for the cities of South San Francisco, San Bruno, and Colma. The plant also provides the dechlorination treatment of chlorinated effluent for the cities of Burlingame, Millbrae, and the San Francisco International Airport before discharging the treated wastewater into San Francisco Bay.

12.2.9.3 Solid Waste Service

Burlingame, Hillsborough, Daly City, and Colma

The cities of Burlingame, Hillsborough, and Daly City and Colma contract with Browning Ferris Industries (BFI) for garbage and recyclables collection. BFI operates two landfills and a recycling center on the peninsula. South Bayside Transfer Station is located at 225 Shoreway Drive in San Carlos and Ox Mountain Transfer Station is located three miles east of Half Moon Bay off Highway 92.

South San Francisco, Brisbane, and Millbrae

For the cities of South San Francisco, Brisbane, and Millbrae, garbage collection is performed once a week by South San Francisco Scavenger Company, the firm contracted by the cities to collect and dispose of refuse.

San Bruno

San Bruno contracts with the San Bruno Garbage Service for solid waste collection and disposal services.

12.3 Potential Impacts

12.3.1 Significance Criteria

The significance criteria listed below were derived from Appendix G of the revised CEQA Guidelines. Impacts to population and housing, or public services, utilities, and service systems in the Project Area would be considered significant if the Project resulted in any of the following.

12.3.1.1 Population and Housing

- Displaces a large number of existing residences causing the construction of replacement housing elsewhere
- Displaces a substantial number of people causing the construction of replacement housing elsewhere
- Induces substantial population growth in the Project Area either directly or indirectly

12.3.1.2 Public Services

- Substantial interference with emergency response plans or emergency evacuation plans
- The need for new or substantially altered government services, such as fire and police protection, schools, parks, or maintenance of public facilities

12.3.1.3 Utilities and Service Systems

- A breach of published national, state, or local standards relating to solid waste or litter control
- Contamination of a public water supply
- Extension of a sewer trunk line with capacity to serve new development

- Exceed wastewater treatment requirements of the Regional Water Quality Control Board
- The need for new or substantially altered water or wastewater treatment facilities or storm drainage facilities
- The need for a new or expanded water supply
- Inadequate access to a landfill with sufficient permitted capacity to accommodate the Project's solid waste disposal needs

12.3.2 Construction Impacts

12.3.2.1 Population and Housing

No existing housing will be replaced, relocated, or expanded as a result of the Project construction. Because displacement of existing homes will not occur, no new construction will be required elsewhere.

During construction, PG&E is expecting to employ a peak total of approximately 250 to 450 workers over a two year period. To the extent possible, the local Bay Area labor force will be used to construct the Project. If necessary, specialized labor skills may be brought in from outside the Bay Area.

Because local work force primarily will be used, there will be no increase in demand for housing as a result of the Project. Some need for temporary accommodations is likely to arise at times during construction. This will result in a less-than-significant impact due to the numerous hotel and motel accommodations within the Project Area.

No direct growth-inducing impacts will occur because the Project will not result in the increase of local housing or services, and does not indirectly induce growth by creating new opportunity for local industry or commerce. Although the Project involves construction of a new transmission line, it is designed to meet applicable transmission system reliability criteria and thereby prevent service interruptions, rather than facilitate future growth. The Project is also needed to make up for possible retirement of generation resources currently serving San Francisco. Thus, it is not growth inducing (see Chapter 18, Cumulative Impacts, and Chapter 18, Growth-Inducing Impacts).

12.3.2.2 Public Services

Portions of the Project may result in constraints to local traffic flow as a result of in-street trenching activities (see Chapter 13, Transportation/Traffic). No emergency service providers or hospitals are located directly along the underground portion of the route.

However, traffic constraints could indirectly impact emergency response and evacuation plans. The Project will maintain two-way traffic flow at all times, throughout all segments of the route, with the exception of construction on Hillside Boulevard in Colma, and Hoffman and Orange Streets in Daly City. For this leg of the route, PG&E will implement one-way traffic control, as described in Chapter 13, Transportation/Traffic. One-way traffic control could potentially delay emergency vehicles responding to calls. However, the section of street subject to one-way traffic control at any one time would likely be limited to a 400 to 600 foot length at any given time. Coordination with Colma and Daly City emergency personnel will occur before construction to ensure construction activities and associated

lane closures will not affect emergency response vehicles. As a result, potential impacts will be less than significant.

The Proposed Project may result in temporary closures of trails within Edgewood County Park and the SFPUC Watershed Lands. These temporary closures, however, will not result in the need for new or altered levels of service from the San Mateo County Parks and Recreation Division or any other state, county, or city agency. Potential effects to the use of these recreational facilities are discussed in Chapter 5, Land Use, Recreation, and Agricultural Resources.

12.3.2.3 Schools

Because the Project is not growth inducing (see above), it will not create a need for new schools. Therefore, no new schools need to be constructed as a result of the Project.

In addition, since the majority of the workforce will be local, school enrollment will not be affected.

12.3.2.4 Hospitals and Convalescent Homes

No hospitals are located on the proposed route. Hampton Court, a convalescent facility in Daly City, fronts the proposed route. Trenching along Guadalupe Canyon Parkway is expected to occur in the northbound lane. However, access to Hampton Court will be maintained throughout construction. As a result, there will be no impacts to hospitals and convalescent homes.

12.3.2.5 Police and Fire Protection

Although several emergency providers are located in the vicinity of the Project, none is located on the route. Therefore, no providers will be directly affected by construction. Traffic associated with construction could indirectly delay response times. Potential impacts associated with traffic are discussed in Chapter 13, Transportation/Traffic. The Project neither increases the demand for nor alters the level of local public services required because it does not increase the local population or housing opportunities. Therefore, impacts to emergency services will be short-term, temporary, and less than significant.

12.3.2.6 Underground Utilities, Water, and Sewer

Construction activities could inadvertently contact underground facilities during underground construction, possibly leading to short-term service interruptions. The likelihood of such an occurrence is remote, and implementation of standard practices, such as contacting Underground Service Alert before excavation, will reduce the impact to a less-than-significant level. In addition, construction has been sequenced in sections so that the existing 60 kV overhead transmission line will remain in service during construction, and no electrical service interruptions are anticipated.

The Project will not directly or indirectly result in new or expanded development. As a result, no extension of a sewer trunk line with capacity to serve new development will be required. The Project will not result in new point sources, and would not cause wastewater treatment requirements established by the Regional Water Quality Control Board will be

exceeded for local wastewater treatment facilities (see Chapter 9, Hydrology and Water Quality).

Short sections of the proposed route will be adjacent to the San Andreas Reservoir. The reservoir provides water storage and supply for much of the peninsula. Potential impacts to the reservoir from construction include contamination from accidental spills of fuel or hazardous materials. No major storage of hazardous materials will occur adjacent to the reservoir. In addition, standard procedures for handling hazardous materials and spills will be followed, as described in Chapter 11, Hazards and Hazardous Materials. Localized sedimentation near the banks of the reservoir where construction would take place could occur due to erosion of bare soils during construction activities. Erosion control best management practices will be implemented for activities in proximity of waters supply areas, as described in Chapter 10, Geology and Mineral Resources, and Chapter 9, Hydrology and Water Quality. Therefore, impacts will be less than significant.

Demand for water during construction activities will be for domestic use by construction crews and for dust control. Potable water will be brought in during construction. Water used for dust control will be trucked in. As a result, the reliance on local water supplies will be minimal, and no new or expanded water supply will be required. Portable restrooms will be used during construction of the Project. No impact to local sewer systems will result from the Project and new wastewater treatment facilities or storm drainage facilities will be required.

12.3.2.7 Solid Waste

During construction, soil will be generated during construction; soil will be removed on- or off-site or disposed of at a landfill. Existing landfills in the Project vicinity have sufficient capacity to accommodate the waste. The Project will not result in a breach of published national, state, or local standards relating to solid waste or litter control because the Project will generate a relatively small amount of waste and all applicable disposal regulations will be followed. Existing landfills will easily accommodate the volume of disposed materials. As a result, there will be no significant impacts.

12.3.3 Operation Impacts

Operation of the Proposed Project will not require workers in addition to those currently employed for operation and maintenance. The Project will not permanently displace people or existing housing and will not create population growth or the demand for new levels of public services, utilities, and service systems. As a result, there will be no operational impacts to population, housing, public services, utilities and service systems as a result of the Proposed Project.

12.4 Mitigation Measures

The Project will result in no significant impacts to population and housing, public services, utilities and service systems; therefore, no mitigation is necessary.

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