

## 121 EAST GRAND AVENUE PROJECT

### AIR QUALITY, HEALTH RISK ASSESSMENT, GREENHOUSE GAS AND NOISE ANALYSIS

**Project Date:**

2021 - 2022

**Key Project Elements/Issues:**

- Air Quality
- Greenhouse Gas Emissions
- Health Risk Assessment
- Noise

**Lead Agency:**

City of South San Francisco  
400 Grand Avenue  
South San Francisco, CA 94080

**Client Reference:**

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The approved project included the demolition of existing structures (Comfort Inn & Suites) and development of an approximately 950,000 square foot biotechnology building which would include office space, research and development (R&D), a plaza, retail and parking in the South San Francisco Station Area Specific Plan. RCH managed the Air Quality, Greenhouse Gases, and Health Risk Assessment Technical Report and prepared a Noise Technical Report to support the project. The criteria pollutant emissions inventory for the project utilized CalEEMod and emission models for on-road vehicles and onsite equipment. Operational emissions included fume hoods, generators, and boilers needed to support biotechnology R&D operations. Health risk assessments previously prepared for several similar research facilities were reviewed and applied to the analysis. Onsite noise monitoring was conducted at the project site.