



# **GEOTECHNICAL AND ENGINEERING GEOLOGY CONSULTATION AND REVIEW**

## **PROCESS GUIDE AND APPLICATION**

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## **APPLICATION PROCEDURES**

Under the State of California Alquist-Priolo Act (“A-P Act”) and the Seismic Hazards Mapping Act (“SHMA”), certain development projects require engineering geology and/or geotechnical review for the purpose of preventing the construction of buildings used for human occupancy across active faults, identifying seismic hazard zones (including liquefaction, landslides and ground motion), and mitigating seismic hazards to protect public health and safety.

The City has implemented a Geotechnical and Engineering Geology Consultation and Review Process for projects that are required to submit these special studies. This process has been created to streamline the overall development review process by helping the applicant and the City identify and resolve critical engineering geology and geotechnical issues during the Planning Division development review process.

Please note that development projects that require geotechnical and engineering geology studies will not be approved by the Planning Division until the reports have been reviewed and approved by the City’s independent consultants. When such project requires the approval of the Planning Commission, the geotechnical and/or engineering geology reports must be approved prior to the Planning Commission meeting.

### **The following Ordinances and Manuals shall be used to prepare required Geological and Geotechnical Reports in the City of Rosemead:**

- 2007 California Building Code as Amended by Los Angeles County, including the Grading Code and Los Angeles County Amendments to the Building Code expressly adopted by the City of Rosemead
- Los Angeles County Department of Public Works “Manual for Preparation of Geotechnical Reports”
- California Geological Survey (“CGS”) Special Publication No. 117
- Guidelines for Analyzing and Mitigating Liquefaction in California (SCEC 1999)

**The City recommends that project applicants utilize CGS Note 48 checklist for the preparation of Geological and Geotechnical Reports as applicable to the project. Please note that the majority of the geographic area of the City of Rosemead is in seismic zone “D.” If there is a finding of liquefaction, site specific analysis and soils response determination may be required.**

**The following is an overview of the review procedures for Geotechnical and Engineering Geology Reports:**

- Once it has been determined that a project requires a geotechnical and/or engineering geology report, the applicant must submit two original copies of the report and one electronic copy, preferably in PDF format, to the Planning Division.
- The Planning Division will send the reports electronically to the City's independent engineering geology and geotechnical consultants for a cost estimate to cover the first review and one re-review of the report. If additional reviews are required beyond the second review, the applicant will be notified and requested to submit additional fees.
- Once the cost estimates are received from the City's engineering geology and geotechnical consultant, the Planning Division will notify the applicants of the cost and collect the fee.
- After the fee is collected, the Planning Division will ask the consultants to begin their review of the reports. The consultants will try to complete the first review within 10 working days and re-reviews within 5 working days.
- The City's consultants will electronically send their review comments and approval letters to the Planning Division. To complete the process, the Planning Division will forward all review comments and the approval letter immediately to the applicant.
- When the report is deemed acceptable, an approval letter will be issued by the independent consultant to the applicant. Upon the issuance of the approval letter, the project is ready to be approved by either the Planning Division or the Planning Commission, provided that all other planning related issues have been addressed.
- The City will forward copies (electronic and/or paper) to the State Geologist in compliance with the Alquist Priolo Act and Seismic Hazards Mapping Act as applicable to the project.

# Geotechnical and/or Engineering Geology Consultation and Review

## PROCESS FLOW CHART

