

## 8572 Talbert Avenue Bonanni Residential Project

### Air Quality:

**Mitigation Measure No. 1** The project contractor shall implement the following dust control measure throughout project demolition, grading and construction:

- Exposed surfaces shall be watered a minimum of 3 times/day.

**Mitigation Measure No. 2** The project contractor shall implement the following measures throughout project demolition, grading and construction:

- Apply soil stabilizers or moisten inactive areas.
- Cover all stock piles with tarps at the end of each day or as needed.
- Provide water spray during loading and unloading of earthen materials.
- Minimize in-out traffic from construction zone.
- Cover all trucks hauling dirt, sand, or loose material and require all trucks to maintain at least two feet of freeboard.
- Sweep streets daily if visible soil material is carried out from the construction site.

### Biological Resources:

**Mitigation Measure No. 3** Nesting Birds –

- All necessary clearing and removal of vegetation for project construction shall be conducted outside of the typical nesting season for birds (February 1 through September 1).
- If any construction activities are scheduled to occur during the nesting bird season (February 1 through September 1), a qualified biologist shall conduct a survey to determine whether there are any active bird nests within the on-site trees.
- The nesting bird survey shall occur no more than 7-days prior to the start of construction and include a search for nesting birds within the project site.
- If any active nests are observed, they should be avoided until after all young have fledged from the nest, or work shall be monitored by a biologist to ensure against negative impacts to nesting birds.

## **Cultural Resources:**

**Mitigation Measure No. 4** The project developer shall retain a qualified professional archaeologist who meets U.S. Secretary of the Interior's Professional Qualifications and Standards, to conduct an Archaeological Sensitivity Training for construction personnel prior to commencement of excavation activities. The training session shall be carried out by a cultural resource professional with expertise in archaeology, who meets the U.S. Secretary of the Interior's Professional Qualifications and Standards. The training session shall include a handout and focus on how to identify archaeological resources that may be encountered during earthmoving activities and the procedures to be followed in such an event, the duties of archaeological monitors, and the general steps a qualified professional archaeologist would follow in conducting a salvage investigation if one is necessary.

**Mitigation Measure No. 5** In the event that archaeological resources are unearthed during ground-disturbing activities, ground-disturbing activities shall be halted or diverted away from the vicinity of the find so that the find can be evaluated. A buffer area of at least 20 feet shall be established around the find where construction activities shall not be allowed to continue until a qualified archaeologist has examined the newly discovered artifact(s) and has evaluated the area of the find. Work shall be allowed to continue outside of the buffer area. All archaeological resources unearthed by project construction activities shall be evaluated by a qualified professional archaeologist hired by the project developer, who meets the U.S. Secretary of the Interior's Professional Qualifications and Standards. Should the newly discovered artifacts be determined to be prehistoric, Native American Tribes/Individuals shall be contacted and consulted, and Native American construction monitoring shall be initiated. The City shall coordinate with the archaeologist to develop an appropriate treatment plan for the resources. The plan may include implementation of archaeological data recovery excavations to address treatment of the resource along with subsequent laboratory processing and analysis.

**Mitigation Measure No. 6** The project developer's archaeological monitor, under the direction of a qualified professional archaeologist who meets the U.S. Secretary of the Interior's Professional Qualifications and Standards, shall prepare a final report at the conclusion of archaeological monitoring. The report shall be submitted to the City, the South Central Costal Information Center and representatives of other appropriate or concerned agencies to signify the satisfactory completion of the project and required mitigation measures. The report shall include a description of resources unearthed, if any, evaluation of the resources with respect to the California Register and CEQA, and treatment of the resources.

**Noise:**

**Mitigation Measure No. 7** The following measures shall be implemented at the start of construction and continued through project completion:

- All stationary construction equipment shall be located a minimum of 75 feet from the adjacent occupied residential residences buildings;
- All construction equipment shall be shut off when not in use; and
- Electrical power shall run air compressors and similar power tools.

**Mitigation Measure No. 8** Small bulldozers (80-100 horsepower) only shall operate within 15 feet of the nearest off-site structures.

**Public Services:**

**Mitigation Measure No. 9** Stop signs and a Watch for Children shall be posted at the exit of both driveways prior to the issuance of the first certificate of occupancy.

**Mitigation Measure No. 10** Vegetation growth at the exit of both driveways shall be monitored to ensure that drivers exiting the site have a clear view of Talbert Avenue in both directions without any interference of project landscaping.

**Tribal Cultural Resources:**

**Mitigation Measure No. 11** Prior to the commencement of any ground disturbing activity at the project site, the project applicant shall retain a Native American Monitor approved by the Gabrieleño Band of Mission Indians-Kizh Nation. A copy of the executed contract shall be submitted to the City of Fountain Valley Planning and Building Department prior to the issuance of any permit necessary to commence a ground-disturbing activity. The Tribal monitor shall only be present on-site during the construction phases that involve ground-disturbing activities. Ground disturbing activities are defined by the Tribe as activities that may include, but are not limited to, pavement removal, potholing or auguring, grubbing, tree removals, boring, grading, excavation, drilling, and trenching, within the project area. The Tribal Monitor shall complete daily monitoring logs that shall provide descriptions of the day's activities, including construction activities, locations, soil, and any cultural materials identified. The on-site monitoring shall end when all ground-disturbing activities on the project site are completed, or when the Tribal Representatives and Tribal Monitor have indicated that all upcoming ground-disturbing activities at the project site have little to no potential to impact Tribal Cultural Resources.

**Mitigation Measure No.12** Upon discovery of any Tribal Cultural Resources, construction activities shall cease in the immediate vicinity of the find (not less than the surrounding 100 feet) until the find can be assessed. All Tribal Cultural Resources unearthed by project activities shall be

evaluated by the qualified archaeologist and Tribal monitor approved by the Consulting Tribe. If the resources are Native American in origin, the Consulting Tribe shall retain it/them in the form and/or manner the Tribe deems appropriate, for educational, cultural and/or historic purposes. If human remains and/or grave goods are discovered or recognized at the project site, all ground disturbance shall immediately cease, and the county coroner shall be notified per Public Resources Code Section 5097.98, and Health & Safety Code Section 7050.5. Human remains and grave/burial goods shall be treated alike per California Public Resources Code Section 5097.98(d)(1) and (2). Work may continue on other parts of the project site while evaluation and, if necessary, mitigation takes place (CEQA Guidelines Section 15064.5[f]). If a non-Native American resource is determined by the qualified archaeologist to constitute a "historical resource" or "unique archaeological resource," time allotment and funding sufficient to allow for implementation of avoidance measures, or appropriate mitigation, must be available. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and PRC Sections 21083.2(b) for unique archaeological resources. Preservation in place (i.e., avoidance) is the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis. Any historic archaeological material that is not Native American in origin shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.