Air Quality-Related

1. **Air Quality and Dust Control.** The following measures shall be shown on grading and building plans and shall be adhered to throughout grading, hauling, and construction activities:
   
a. During construction, use water trucks or sprinkler systems to keep all areas of vehicle movement damp enough to prevent dust from leaving the site. At a minimum, this should include wetting down such areas in the late morning and after work is completed for the day. Increased watering frequency should be required whenever the wind speed exceeds 15 mph. Reclaimed water should be used whenever possible. However, reclaimed water should not be used in or around crops for human consumption.

b. Minimize amount of disturbed area and reduce on site vehicle speeds to 15 miles per hour or less.

c. If importation, exportation and stockpiling of fill material is involved, soil stockpiled for more than two days shall be covered, kept moist, or treated with soil binders to prevent dust generation. Trucks transporting fill material to and from the site shall be tarped from the point of origin.

d. Gravel pads shall be installed at all access points to prevent tracking of mud onto public roads.

e. After clearing, grading, earth moving or excavation is completed, treat the disturbed area by watering, or revegetating, or by spreading soil binders until the area is paved or otherwise developed so that dust generation will not occur.

f. The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the Air Pollution Control District prior to land use clearance for map recordation and land use clearance for finish grading of the structure.

g. All portable diesel-powered construction equipment shall be registered with the state’s portable equipment registration program OR shall obtain an APCD permit.

h. Fleet owners of mobile construction equipment are subject to the California Air Resource Board (CARB) Regulation for In-use Off-road Diesel Vehicles (Title 13 California Code of Regulations, Chapter 9, § 2449), the purpose of which is to reduce diesel particulate matter (PM) and criteria pollutant emissions from in-use (existing) off-road diesel-fueled vehicles. For more information, please refer to the CARB website at www.arb.ca.gov/msprog/ordiesel/ordiesel.htm.

i. All commercial diesel vehicles are subject to Title 13, § 2485 of the California Code of Regulations, limiting engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading shall be limited to five minutes; electric auxiliary power units should be used whenever possible.

j. Diesel construction equipment meeting the California Air Resources Board (CARB) Tier 1 emission standards for off-road heavy-duty diesel engines shall be used. Equipment meeting CARB Tier 2 or higher emission standards should be used to the maximum extent feasible.

k. Diesel powered equipment should be replaced by electric equipment whenever feasible.

l. If feasible, diesel construction equipment shall be equipped with selective catalytic reduction systems, diesel oxidation catalysts and diesel particulate filters as certified and/or verified by EPA or California.

m. Catalytic converters shall be installed on gasoline-powered equipment, if feasible.

n. All construction equipment shall be maintained in tune per the manufacturer’s specifications.

o. The engine size of construction equipment shall be the minimum practical size.
p. The number of construction equipment operating simultaneously shall be minimized through efficient management practices to ensure that the smallest practical number is operating at any one time. Construction worker trips should be minimized by requiring carpooling and by providing for lunch onsite.

2. **Asbestos & Lead-Containing Materials.** Pursuant to APCD Rule 1001, the applicant is required to complete and submit an Asbestos Demolition / Renovation Notification form for each regulated structure to be demolished or renovated. The completed notification shall be provided to the Santa Barbara County APCD with a minimum of 10 working days advance notice prior to disturbing asbestos in a renovation or starting work on a demolition. Any abatement or removal of asbestos and lead-containing materials must be performed in accordance with applicable federal, State, and local regulations. Permits shall be obtained from the Air Pollution Control District prior to commencement of demolition of the structures containing asbestos and/or lead. Disposal of material containing asbestos and/or lead shall be in sent to appropriate landfills that are certified to accept this material.

**Biological Resource-Related**

3. **Nesting Birds.** Birds and their eggs nesting on or near the project site are protected under the Migratory Bird Treaty Act and pursuing, hunting, taking, capturing, killing, or attempt to do any of the above is a violation of federal and state regulations. No trimming or removing brush or trees shall occur if nesting birds are found in the vegetation. All care should be taken not to disturb the nest(s). Removal or trimming may only occur after the young have fledged from the nets(s).

4. **Tree Removal and Replacement.** All trees removed, except fruit trees and street trees approved for removal without replacement by the Parks Department, shall be replaced on-site on a one-for-one basis with minimum 15 gallon size tree(s) of an appropriate species or like species, in order to maintain the site’s visual appearance and reduce impacts resulting from the loss of trees.

5. **Tree Protection Measures.** The landscape plan and grading plan shall include the following tree protection measures:

   a. **Tree Protection.** All trees not indicated for removal on the approved landscape plan shall be preserved, protected, and maintained, in accordance with the Tree Protection Plan, if required, and/or any related Conditions of Approval.

   b. **Landscaping Under Trees.** Landscaping under the trees shall be compatible with the preservation of the trees, as determined by the ABR.

   c. **Oak Trees.** The following additional provisions shall apply to existing oak trees on site:

      i. No irrigation system shall be installed within three feet of the dripline of any oak tree.

      ii. Oak trees greater than four inches (4”) in diameter at four feet (4’) above grade removed as a result of the project shall be replaced at a ten to one (10:1) ratio, at a minimum five (5) gallon size, from South Coastal Santa Barbara County Stock.

      iii. The use of herbicides or fertilizer shall be prohibited within the drip line of any oak tree.

      iv. No storage of heavy equipment or materials, or parking shall take place within five (5) feet of the dripline of any oak tree.

      d. **During Construction.**

         i. All trees within 25 feet of proposed construction activity shall be fenced three feet outside the dripline for protection.

         ii. A qualified Arborist shall be present during any excavation beneath the driplines of the trees which are required to be protected. All excavation within the driplines of the trees shall be minimized and shall be done with hand tools.

         iii. Any roots encountered shall be cleanly cut and sealed with a tree-seal compound.
iv. Any root pruning and trimming shall be done under the direction of a qualified Arborist.

v. No heavy equipment, storage of materials or parking shall take place under the dripline of any tree(s), or within five (5) feet of the dripline of any oak tree.

vi. Oak seedlings and saplings less than four inches (4”) at four feet (4’) above the ground that are removed during construction shall be transplanted where feasible. If transplantation is not feasible, replacement trees shall be planted at a minimum one to one (1:1) ratio. Replacement trees shall be a minimum of one (1) gallon size derived from South Coastal Santa Barbara County stock.

**Cultural Resource-Related**

6. **Unanticipated Archaeological Resources Contractor Notification.** Standard discovery measures shall be implemented per the City master Environmental Assessment throughout grading and construction: Prior to the start of any vegetation or paving removal, demolition, trenching or grading, contractors and construction personnel shall be alerted to the possibility of uncovering unanticipated subsurface archaeological features or artifacts. If such archaeological resources are encountered or suspected, work shall be halted immediately, the City Environmental Analyst shall be notified and the Owner shall retain an archaeologist from the most current City Qualified Archaeologists List. The latter shall be employed to assess the nature, extent and significance of any discoveries and to develop appropriate management recommendations for archaeological resource treatment, which may potentially include, but are not limited to, redirection of grading and/or excavation activities, consultation and/or monitoring with a Barbareño Chumash representative from the most current City qualified Barbareño Chumash Site Monitors List, testing, documentation, collection, and curation of resources, etc. Measures will be implemented to ensure no significant impact involving important resources will result.

If the discovery consists of possible human remains, the Santa Barbara County Coroner shall be contacted immediately. If the Coroner determines that the remains are Native American, the Coroner shall contact the California Native American Heritage Commission. A Barbareño Chumash representative from the most current City Qualified Barbareño Chumash Site Monitors List shall be retained to monitor all further subsurface disturbance in the area of the find. Work in the area may only proceed after the Environmental Analyst grants authorization.

If the discovery consists of possible prehistoric or Native American artifacts or materials, a Barbareño Chumash representative from the most current City Qualified Barbareño Chumash Site Monitors List shall be retained to monitor all further subsurface disturbance in the area of the find. Work in the area may only proceed after the Environmental Analyst grants authorization.

A final report on the results of the archaeological monitoring shall be submitted by the City-approved archaeologist to the Environmental Analyst within 180 days of completion of the monitoring and prior to any certificate of occupancy for the project.

**Construction-Related**

7. **Haul Routes Require Separate Permit.** Apply for a Public Works Permit to establish the haul routes for all construction-related trucks with a gross vehicle weight rating of three tons or more, entering or exiting the site. The Haul Routes shall be approved by the Transportation Engineer.

8. **Construction-Related Truck Trips.** Construction-related truck trips for trucks with a gross vehicle weight rating of three tons or more shall not be scheduled during peak hours (7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m.) in order to help reduce truck traffic on adjacent streets and roadways.
9. **Construction Parking.** During construction, free parking spaces for construction workers shall be provided on-site or off-site in a location subject to the approval of the Transportation Manager.

10. **Construction Storage/Staging.** Construction vehicle/equipment/materials storage and staging shall be done on-site. No parking or storage shall be permitted within the public right-of-way, unless specifically permitted by the Transportation Manager with a Public Works permit.