

CHAPTER 4

Mitigation Monitoring and Reporting Program

4.1 Purpose of this Document

This chapter contains the Mitigation Monitoring and Reporting Program (MMRP) prepared in compliance with Public Resources Code Section 21081.6(a). The MMRP will be considered for adoption by the Planning Commission and/or the City Council and will aid the City in its implementation and monitoring of measures included in the Draft SEIR and adopted by the Commission and/or City Council.

**CITY OF MENLO PARK HOUSING ELEMENT UPDATE
MITIGATION MONITORING AND REPORTING PROGRAM**

	Implemented By	When Implemented	Monitored By	Verified By
Air Quality				
<p>Mitigation Measure AQ-2: Emission Reduction Measures.</p> <p>The following mitigation measures are recommended to reduce criteria air pollutant emissions from multifamily housing developments under the HEU.</p> <p>a) [AQ-2b1 from <i>ConnectMenlo</i> with clarifying amendments]: As part of the City’s development approval process, the City shall require applicants for future development projects to comply with the current Bay Area Air Quality Management District’s basic control measures for reducing construction emissions of PM₁₀ (Table 8-18-2, Basic Construction Mitigation Measures Recommended for All Proposed Projects, of the BAAQMD CEQA Guidelines).</p> <p>b) [AQ-2b2 from <i>ConnectMenlo</i> EIR with clarifying amendments]: Prior to issuance of building permits, development project applicants that are subject to CEQA and exceed the screening sizes in the BAAQMD’s CEQA Guidelines shall prepare and submit to the City of Menlo Park a technical assessment evaluating potential project construction-related air quality impacts. The evaluation shall be prepared in conformance with the BAAQMD methodology in assessing air quality impacts. If construction-related criteria air pollutants are determined to have the potential to exceed the BAAQMD thresholds of significance, as identified in the BAAQMD CEQA Guidelines, the City of Menlo Park shall require that applicants for new development projects incorporate <u>emission reduction</u> mitigation measures to reduce air pollutant emissions during construction activities to below these thresholds <u>of significance</u> (see for example e.g., Table 8-28-3, Additional Construction Mitigation Measures Recommended for Projects with Construction Emissions Above the Threshold of the BAAQMD CEQA Guidelines, or applicable construction mitigation measures subsequently approved by BAAQMD).¹ These identified measures shall be incorporated into all appropriate construction documents (e.g., construction management plans) submitted to the City and shall be verified by the City’s Building Division and/or Planning Division</p> <p>c) In the event that a project-specific analysis finds that the project could result in significant construction criteria air pollutant emissions that exceed significance thresholds, the project sponsor shall implement the following emission reduction measures to the degree necessary to reduce the impact to less than significance thresholds, and shall implement other feasible measures as needed to reduce the impact to less than the significance thresholds.</p> <p>1. Diesel off-road equipment shall have engines that meet the Tier 4 Final off-road emission standards, as certified by CARB, as required to reduce the emissions to less than the thresholds of significance shown in Table 2-1 of the BAAQMD CEQA Guidelines (BAAQMD, 2017b). This requirement shall be verified through submittal of an equipment inventory that includes the following information: (1) Type of Equipment, (2) Engine Year and Age, (3) Number of Years Since Rebuild of Engine (if applicable), (4) Type of Fuel Used, (5) Engine HP, (6) Verified Diesel Emission Control Strategy (VDECS) information if applicable and other related equipment data. A Certification Statement is also required to be made by the Contractor for documentation of compliance and for future review by the BAAQMD as necessary. The Certification Statement must state that the Contractor</p>	Project sponsor	Prior to issuance of grading and/or building permits	Building Division and/or Planning Division	Building Division and/or Planning Division

¹ Table 8-3 was previously numbered at Table 8-2 in BAAQMD’s 2011 guidance document, as recorded in the *ConnectMenlo* EIR.

	Implemented By	When Implemented	Monitored By	Verified By
<p>agrees to compliance and acknowledges that a violation of this requirement shall constitute a material breach of contract.</p> <p>The City may waive the equipment requirement above only under the following unusual circumstances: if a particular piece of off-road equipment with Tier 4 Final standards is technically not feasible or not commercially available; the equipment would not produce desired emissions reduction due to expected operating modes; installation of the equipment would create a safety hazard or impaired visibility for the operator; or there is a compelling emergency need to use other alternate off-road equipment. If the City grants the waiver, the contractor shall use the next cleanest piece of off-road equipment available.</p> <p>2. The project sponsor shall require the idling time for off-road and on-road equipment be limited to no more than 2 minutes, except as provided in exceptions to the applicable state regulations regarding idling for off-road and on-road equipment. Legible and visible signs shall be posted in multiple languages (English, Spanish, Chinese) in designated queuing areas and at the construction site to remind operators of the 2-minute idling limit.</p> <p>d) [AQ-2a from <i>ConnectMenlo</i> EIR with clarifying amendments]: Prior to issuance of building permits, development project applicants that are subject to CEQA and exceed the screening sizes in the Bay Area Air Quality Management District's (BAAQMD) CEQA Guidelines shall prepare and submit to the City of Menlo Park a technical assessment evaluating potential project operation-phase-related air quality impacts. The evaluation shall be prepared in conformance with the BAAQMD methodology in assessing air quality impacts. If operational-related criteria air pollutants are determined to have the potential to exceed the BAAQMD thresholds of significance, as identified in BAAQMD's CEQA Guidelines, the City of Menlo Park Community Development Department shall require that applicants for new development projects incorporate <u>emission reduction</u> mitigation measures to reduce air pollutant emissions during operational activities <u>to below the thresholds of significance</u>.</p>				
<p>Mitigation Measure AQ-3: Health Risk Reduction Measures.</p> <p>a) [AQ-3b from <i>ConnectMenlo</i> with amendments]: Applicants for residential and other sensitive land use projects (e.g., hospitals, nursing homes, day care centers) in Menlo Park within 1,000 feet of a major sources of toxic air contaminants (TACs) (e.g., warehouses, industrial areas, freeways, and roadways with traffic volumes over 10,000 vehicle per day), as measured from the property line of the project to the property line of the source/edge of the nearest travel lane, shall submit a health risk assessment (HRA) to the City of Menlo Park prior to future discretionary Project approval. The HRA shall be prepared in accordance with policies and procedures of the State Office of Environmental Health Hazard Assessment (OEHHA) and the Bay Area Air Quality Management District. The latest OEHHA guidelines shall be used for the analysis, including age sensitivity factors, breathing rates, and body weights appropriate for children ages 0 to 16 years. If the HRA shows that the incremental cancer risk exceeds ten in one million ($10E^{-06}$), $PM_{2.5}$ concentrations exceed $0.3 \mu g/m^3$, or the appropriate noncancer hazard index exceeds 1.0, the applicant will be required to identify and demonstrate that mitigation measures are capable of reducing potential cancer and non-cancer risks to an acceptable level (i.e., below ten in one million or a hazard index of 1.0), including appropriate enforcement mechanisms. Measures to reduce risk may include but are not limited to:</p> <ul style="list-style-type: none"> • Air intakes located away from high volume roadways and/or truck loading zones. 	Project sponsor	Prior to issuance of building permits	Building Division and/or Planning Division	Building Division and/or Planning Division

**CITY OF MENLO PARK HOUSING ELEMENT UPDATE
MITIGATION MONITORING AND REPORTING PROGRAM (CONTINUED)**

	Implemented By	When Implemented	Monitored By	Verified By
<ul style="list-style-type: none"> Heating, ventilation, and air conditioning systems of the buildings provided with appropriately sized maximum efficiency rating value (MERV) filters. <p>Measures identified in the HRA shall be included in the environmental document and/or incorporated into the site development plan as a component of the proposed project. The air intake design and MERV filter requirements shall be noted and/or reflected on all building plans submitted to the City and shall be verified by the City's Building Division and/or Planning Division.</p> <p>Project sponsors proposing multifamily development projects within 1,000 feet of sensitive receptors, including residences, schools, day care centers, and hospitals, shall prepare a project-level health risk assessment at the time the project is proposed. In lieu of a project-level health risk assessment, a comparison of the project with other similar-sized projects located a similar distance from receptors where a quantitative analysis has been conducted and were found to not exceed the BAAQMD health risk thresholds can be used to demonstrate less than significant health risk impacts.</p> <p>In the event that a project-level health risk assessment finds that the project could result in health risks that exceed significance thresholds, the project sponsor shall implement the clean construction equipment requirement of Mitigation Measure AQ-2(c) to the degree necessary to reduce the impact to less than significance thresholds, and shall implement other feasible measures as needed to reduce the impact to less than the significant thresholds.</p>				

Biological Resources

<p>Mitigation Measure BIO-1: Project-Specific Baseline Biological Resources Assessments.</p> <p>Prior to individual project approval, the City shall require project applicants to prepare and submit project-specific baseline biological resources assessments on sites containing natural habitat with features such as mature and native trees or unused structures that could support special-status species and other sensitive biological resources, and common birds protected under Migratory Bird Treaty Act (MBTA) and California Fish and Game Code (CFG). The baseline biological resources assessment shall be prepared by a qualified biologist. The biological resource assessment shall provide a determination on whether any sensitive biological resources are present on the property, including jurisdictional wetlands and waters, essential habitat for special-status species, and sensitive natural communities. If sensitive biological resources are determined to be present, appropriate measures, such as preconstruction surveys, establishing no-disturbance zones during construction, and applying bird-safe building design practices and materials, shall be developed by the qualified biologist to provide adequate avoidance or compensatory mitigation if avoidance is infeasible. Where jurisdictional waters or federally and/or State-listed special-status species would be affected, appropriate authorizations shall be obtained by the project applicant, and evidence of such authorization provided to the City prior to issuance of grading or other construction permits. An independent peer review of the adequacy of the biological resource assessment may be required by the City, if necessary, to confirm its adequacy.</p>	Project applicant	Prior to issuance of building permits	Building Division and/or Planning Division	Building Division and/or Planning Division
---	-------------------	---------------------------------------	--	--

Cultural Resources

	Implemented By	When Implemented	Monitored By	Verified By
<p>Mitigation Measure CR-1a: Identify Architectural Historic Resources.</p> <p>Prior to any demolition work or significant alterations to any building or structure that is 45 years old or older, the City shall ensure that a qualified architectural historian who meets the Secretary of the Interior’s Professional Qualification Standards evaluate the building or structure for eligibility for listing on the National Register, California Register, and for local eligibility.</p>	Project applicant	Prior to issuance of building permits	Building Division and/or Planning Division	Building Division and/or Planning Division
<p>Mitigation Measure CR-1b: Identify Character-Defining Features.</p> <p>Prior to any demolition work or significant alterations initiated at a known historical resource or a resource identified via implementation of Mitigation Measure CR-1a, the City shall ensure that a qualified architectural historian who meets the Secretary of the Interior’s Professional Qualification Standards identifies character-defining features of each historical resource. Despite being presumed or having been previously determined eligible for listing in the National Register and/or California Register, character-defining features of the historical resources that would be demolished or may be significantly altered may not have been explicitly or adequately identified. According to guidance from the National Park Service, a historical resource “must retain... the essential physical features [i.e., character-defining features] that enable it to convey its historic identity. The essential physical features are those features that define both <i>why</i> a property is significant...and <i>when</i> it was significant” (National Park Service, 1997). The identification of character-defining features is necessary for complete documentation of each historical resource as well as appropriate public interpretation and salvage plans.</p>	Project applicant	During initial project review and environmental analysis	Building Division and/or Planning Division	Building Division and/or Planning Division
<p>Mitigation Measure CR-1c: Document Architectural Historic Resources Prior to Demolition or Alteration.</p> <p>Prior to any demolition work or significant alterations initiated of a known historical resource or a resource identified via implementation of Mitigation Measures CR-1a, the City shall ensure that a qualified architectural historian who meets the Secretary of the Interior’s Professional Qualification Standards thoroughly documents each building and associated landscaping and setting. Documentation shall include still photography and a written documentary record of the building to the National Park Service’s standards of the Historic American Buildings Survey (HABS) or the Historic American Engineering Record (HAER), including accurate scaled mapping and architectural descriptions. If available, scaled architectural plans will also be included. Photos include large-format (4”x5”) black-and-white negatives and 8”x10” enlargements. Digital photography may be substituted for large-format negative photography if archived locally. The record shall be accompanied by a report containing site-specific history and appropriate contextual information. This information shall be gathered through site-specific and comparative archival research and oral history collection as appropriate. Copies of the records shall be submitted to the Northwest Information Center at Sonoma State University.</p>	Project applicant	Prior to issuance of demolition permits	Building Division and/or Planning Division	Building Division and/or Planning Division
<p>Mitigation Measure CR-2a: Cultural Resources Study Requirements.</p> <p>The City shall ensure that a cultural resources records search is performed at the Northwest Information Center (NWIC) of the California Historical Resources Information System for the project area for multi-family development projects arising from the HEU that require ground disturbance (i.e., excavation, trenching, grading, etc.). To receive project approval, an archaeologist meeting the U.S. Secretary of the Interior’s Standards (SOIS) for Archeology must review the results and identify if the project would potentially impact cultural resources. If the archaeologist determines that known cultural resources or potential archaeologically sensitive areas may be impacted by the project, a pedestrian survey must be conducted under the supervision of a SOIS-qualified archaeologist of all accessible portions of the project area, if one</p>	Project applicant	Prior to issuance of building permits	Building Division and/or Planning Division	Building Division and/or Planning Division

**CITY OF MENLO PARK HOUSING ELEMENT UPDATE
MITIGATION MONITORING AND REPORTING PROGRAM (CONTINUED)**

	Implemented By	When Implemented	Monitored By	Verified By
has not been completed within the previous five years. Additional research, including subsurface testing, monitoring during construction, and/or a cultural resources awareness training may be required to identify, evaluate, and mitigate impacts to cultural resources, as recommended by the SOIS-qualified archaeologist. If avoidance is not feasible, the City shall consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) to be affiliated with Menlo Park for the purposes of tribal consultation under Chapter 905, California Statutes of 2004 (if the resource is pre-contact or indigenous) to determine treatment measures to avoid, minimize, or mitigate any potential impacts to the resource pursuant to PRC Section 21083.2 and CEQA Guidelines Section 15126.4. This shall include documentation of the resource and may include data recovery (according to PRC Section 21083.2), if deemed appropriate, or other actions such as treating the resource with culturally appropriate dignity and protecting the cultural character and integrity of the resource (according to PRC Section 21084.3). A cultural report detailing the results of the research shall be prepared and submitted for review by the City and a final draft shall be submitted to the NWIC. Once the report has been approved by the City, the City may issue appropriate permits.				
<p>Mitigation Measure CR-2b: Inadvertent Discovery of Cultural Resources.</p> <p>If pre-contact or historic-era archaeological resources are encountered during project construction and implementation, the project applicant shall halt all construction activities within 100 feet and notify the City. Pre-contact archaeological materials might include obsidian and chert flaked-stone tools (e.g., projectile points, knives, scrapers) or toolmaking debris; culturally darkened soil (“midden”) containing heat-affected rocks, artifacts, or shellfish remains; and stone milling equipment (e.g., mortars, pestles, handstones, or milling slabs); and battered stone tools, such as hammerstones and pitted stones. Historic-era materials might include stone, concrete, or adobe footings and walls; filled wells or privies; and deposits of metal, glass, and/or ceramic refuse. An archaeologist meeting the U.S. Secretary of the Interior’s Standards (SOIS) for Archeology shall inspect the findings and work shall be stopped within 100 feet of the potential archaeological resource until the material is either determined by the archaeologist to not be an archaeological resource or appropriate treatment has been enacted, with appropriate consultation, as needed.</p> <p>If the City determines that the resource qualifies as a historical resource or a unique archaeological resource (as defined pursuant to the CEQA Guidelines) and that the project has potential to damage or destroy the resource, mitigation shall be implemented in accordance with PRC Section 21083.2 and CEQA Guidelines Section 15126.4, with a preference for preservation in place. If preservation in place is feasible, this may be accomplished through one of the following means: (1) siting improvements to completely avoid the archaeological resource; (2) incorporating the resource into a park or dedicated open space, by deeding the resource into a permanent conservation easement; (3) capping and covering the resource before building the project on the resource site after the resource has been thoroughly studied by a SOIS qualified archaeologist and a report written on the findings.</p> <p>If preservation in place is not feasible, the City shall consult with California Native American tribes identified by the Native American Heritage Commissions (NAHC) to be affiliated with Menlo Park for the purposes of tribal consultation under Chapter 905, California Statutes of 2004 (if the resource is pre-contact or indigenous) to determine treatment measures to avoid, minimize, or mitigate any potential impacts to the resource pursuant to PRC Section 21083.2, and CEQA Guidelines Section 15126.4. This shall include documentation of the resource and may include data recovery (according to PRC Section 21083.2), if deemed appropriate by the</p>	Project applicant	During construction	Building Division and/or Planning Division	Building Division and/or Planning Division

	Implemented By	When Implemented	Monitored By	Verified By
archaeologist, in consultation with the City, or other actions such as treating the resource with culturally appropriate dignity and protecting the cultural character and integrity of the resource (according to PRC Section 21084.3).				
<p>Mitigation Measure CR-3. Inadvertent Discovery of Human Remains.</p> <p>Procedures of conduct following the discovery of human remains have been mandated by Health and Safety Code Section 7050.5, Public Resources Code Section 5097.98 and the California Code of Regulations Section 15064.5 (CEQA). According to the provisions in CEQA, if human remains are encountered, the project applicant shall ensure that all work in the immediate vicinity of the discovery shall cease and necessary steps are taken to ensure the integrity of the immediate area. The San Mateo County Coroner shall be notified immediately. The Coroner shall then determine whether the remains are Native American. If the Coroner determines the remains are Native American, the Coroner shall notify the NAHC within 24 hours, who will, in turn, notify the person the NAHC identifies as the Most Likely Descendant (MLD) of any human remains. Further actions shall be determined, in part, by the desires of the MLD. The MLD has 48 hours to make recommendations regarding the disposition of the remains following notification from the NAHC of the discovery. If the MLD does not make recommendations within 48 hours, the landowner shall, with appropriate dignity, reinter the remains in an area of the property secure from further disturbance.</p>	Project applicant	During construction	Building Division and/or Planning Division	Building Division and/or Planning Division
Geology, Soils, and Paleontological Resources				
<p>Mitigation Measure GEO-5: Discovery of Paleontological Resources</p> <p>In the event that fossils or fossil bearing deposits are discovered during ground disturbing activities, excavations within a 50-foot radius of the find shall be temporarily halted or diverted. Ground disturbance work shall cease until a City-approved qualified paleontologist determines whether the resource requires further study. The paleontologist shall document the discovery as needed in accordance with Society of Vertebrate Paleontology standards (Society of Vertebrate Paleontology 2010), evaluate the potential resource, and assess the significance of the find under the criteria set forth in CEQA Guidelines Section 15064.5. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction activities are allowed to resume at the location of the find. If avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of construction activities on the discovery. The excavation plan shall be submitted to the City of Menlo Park for review and approval prior to implementation, and all construction activity shall adhere to the recommendations in the excavation plan.</p>	Project applicant	During construction	Building Division and/or Planning Division	Building Division and/or Planning Division
Greenhouse Gas Emissions				
<p>Mitigation Measure GHG-1a: Enforce No Natural Gas Requirement.</p> <p>Subsequent housing development projects proposed under the HEU shall not be eligible for exceptions from the "all electric" requirement in the City's Reach Codes.</p>	Project applicant	When building permit application is filed	Building Division and/or Planning Division	Building Division and/or Planning Division
<p>Mitigation Measure GHG-1b: Enforce EV Charging Requirements in CALGreen Tier 2.</p> <p>Subsequent housing development projects proposed under the HEU shall comply with EV charging requirements in the most recently adopted version of CALGreen Tier 2 at the time that a building permit application is filed.</p>	Project applicant	When building permit application is filed	Building Division and/or Planning Division	Building Division and/or Planning Division
Hazards and Hazardous Materials				

**CITY OF MENLO PARK HOUSING ELEMENT UPDATE
MITIGATION MONITORING AND REPORTING PROGRAM (CONTINUED)**

	Implemented By	When Implemented	Monitored By	Verified By
<p>Mitigation Measure HAZ-3a: Environmental Site Management Plan.</p> <p>Project applicants shall ensure that construction at the sites with known contamination are conducted under a project-specific Environmental Site Management Plan (ESMP) that is prepared by qualified personnel in consultation with the RWQCB or the DTSC, as appropriate. The purpose of the ESMP is to protect construction workers, the general public, the environment, and future site occupants from subsurface hazardous materials previously identified at the site and to address the possibility of encountering unknown contamination or hazards in the subsurface. The ESMP shall summarize soil and groundwater analytical data collected on the project site during past investigations; identify management options for excavated soil and groundwater, if contaminated media are encountered during deep excavations; and identify monitoring, irrigation, or other wells requiring proper abandonment in compliance with local, State, and federal laws, policies, and regulations.</p> <p>The ESMP shall include measures for identifying, testing, and managing soil and groundwater suspected of or known to contain hazardous materials. The ESMP shall:</p> <ol style="list-style-type: none"> 1) Provide procedures for evaluating, handling, storing, testing, and disposing of soil and groundwater during project excavation and dewatering activities, respectively; 2) Describe required worker health and safety provisions for all workers potentially exposed to hazardous materials in accordance with State and federal worker safety regulations; and; 3) Designate personnel responsible for implementation of the ESMP. 	Project applicant	Prior to issuance of building permits	Building Division and/or Planning Division	Building Division and/or Planning Division
<p>Mitigation Measure HAZ-3b: Vapor Intrusion Assessment.</p> <p>Project applicants shall ensure that a vapor intrusion assessment is performed by a licensed environmental professional for sites with potential residual contamination in soil, soil gas, or groundwater that are planned for redevelopment with an overlying occupied building. If the results of the vapor intrusion assessment indicate the potential for significant vapor intrusion into an occupied building, project design shall include vapor controls or source removal, as appropriate, in accordance with regulatory agency requirements. Soil vapor controls could include vapor barriers, passive venting, and/or active venting. The vapor intrusion assessment and associated vapor controls or source removal can be incorporated into the ESMP (Mitigation Measure HAZ-3a).</p>	Project applicant	Prior to issuance of building permits	Building Division and/or Planning Division	Building Division and/or Planning Division
Land Use and Planning				
<p>Mitigation Measure LU-2: Demonstrate consistency with the applicable goals, policies, and programs in the General Plan and the supporting Zoning standards.</p> <p>Prior to individual project approval, as part of the project application process, future development in Menlo Park shall be required to demonstrate consistency with the applicable goals, policies, and programs in the General Plan and the supporting Zoning standards to the satisfaction of the City of Menlo Park's Community Development Department. A future project is consistent with the General Plan and Zoning standards if, considering all its aspects, it will further the goals, policies, and programs of the General Plan and supporting Zoning standards and not obstruct their attainment.</p>	Project applicant	Prior to approval	Planning Division	Planning Division
Noise and Vibration				
<p>Mitigation Measure NOI-1: Construction Noise Control.</p>	Project applicant	Prior to issuance of construction permits	Building Division and/or Planning Division	Building Division and/or Planning Division

	Implemented By	When Implemented	Monitored By	Verified By
<p>Project applicants shall minimize the exposure of nearby properties to excessive noise levels from construction-related activity through CEQA review, conditions of approval, and/or enforcement of the City's Noise Ordinance. Prior to issuance of demolition, grading, and/or building permits for development projects, a note shall be provided on development plans indicating that during on-going grading, demolition, and construction, the property owner/developer shall be responsible for requiring contractors to implement the following measures to limit construction-related noise:</p> <ul style="list-style-type: none"> • Demonstrate that any construction activities taking place outside daytime construction hours of 8:00 a.m. to 6:00 p.m. Monday through Friday shall comply with the 60 dBA Leq limit during the hours of 7:00 a.m. to 8:00 a.m. and the 50 dBA Leq limit during the hours of 6:00 a.m. to 7:00 a.m. In addition, the property owner/developer shall demonstrate that individual pieces of equipment proposed for use will not exceed the limit (85 dBA Leq at 50 feet) for powered equipment noise and that combined construction noise will not result in a 10 dBA increase over the ambient noise level at nearby sensitive receptors. Activities that would produce noise above applicable daytime or nighttime limits shall be scheduled only during normal construction hours. If it is concluded that a particular piece of equipment will not meet the requirements of this mitigation measure, that equipment shall not be used outside the daytime construction hours. • Verify construction activities are conducted at adequate distances or otherwise shielded with sound barriers, as determined through analysis, from noise-sensitive receptors when working outside the daytime construction hours of 8:00 a.m. to 6:00 p.m. Monday through Friday, and verify compliance with the Menlo Park Municipal Code through measurement. • All internal combustion engines on construction equipment and trucks are fitted with properly maintained mufflers, air intake silencers, and/or engine shrouds that are no less effective than as originally equipped by the manufacturer. • Stationary equipment such as generators and air compressors shall be located as far as feasible from nearby noise-sensitive uses. • Stockpiling is located as far as feasible from nearby noise-sensitive receptors. • Limit unnecessary engine idling to the extent feasible. • Limit the use of public address systems. • Construction traffic shall be limited to the haul routes established by the City of Menlo Park. • Additional controls, as warranted, may include but are not limited to: <ul style="list-style-type: none"> – Upgraded construction equipment mufflers (e.g., improved mufflers, intake silencers, ducts, engine enclosures, acoustically attenuating shields, shrouds) on equipment and trucks used for project construction. – Equipment staging plans (e.g., locating stationary equipment at adequate distances). – Limitations on equipment and truck idling. – Shielding sensitive receptors with sound barriers to comply with the Menlo Park Municipal Code. 				
Transportation				
<p>Mitigation Measure TRANS-2: Implement VMT Reduction Measures. Individual multifamily housing development proposals that do not screen out from VMT impact analysis shall provide a quantitative VMT analysis using the methods outlined by the City's most recent VMT guidelines. Projects that result in a significant impact shall include travel demand</p>	Project applicant	Prior to discretionary project approvals	Transportation Division and/or Planning Division	Transportation Division and/or Planning Division

**CITY OF MENLO PARK HOUSING ELEMENT UPDATE
MITIGATION MONITORING AND REPORTING PROGRAM (CONTINUED)**

	Implemented By	When Implemented	Monitored By	Verified By
<p>management measures and/or physical measures (i.e. improving multimodal transportation network, improving street connectivity) to reduce VMT, including but not limited to the measures below, which have been identified as potentially VMT reducing in the California Air Pollution Control Officers Association (CAPCOA) Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity (December 2021). Potential VMT reduction estimates are included below, but detailed requirements, calculation steps, and limitations are described in the CAPCOA Handbook. Additional measures may be proposed by individual projects and/or required by City staff to achieve the necessary VMT reductions or to meet applicable TDM reduction requirements.</p> <ul style="list-style-type: none"> • Unbundle parking costs (i.e. sell or lease parking separately from the housing unit). Effectiveness: up to 15.7 percent reduction in GHG from VMT per the CAPCOA Handbook. • Provide car-sharing, bike sharing, or scooter sharing programs. Effectiveness: 0.15 – 0.18 percent reduction in GHG from VMT for car share, 0.02 – 0.06 percent for bike share, and 0.07 percent for scooter share, per the CAPCOA Handbook. The higher car share and bike share values are for electric car and bike share programs. • Subsidize transit passes for residents of affordable housing. Effectiveness: up to 5.5 percent reduction in GHG from VMT per the CAPCOA Handbook. 				