

**MITIGATION MONITORING AND REPORTING PROGRAM  
WEST DUNNE AVENUE - GERA  
RESIDENTIAL PROJECT  
MORGAN HILL, CALIFORNIA**

Prepared for the:



Community Development Department  
17575 Peak Avenue  
Morgan Hill, CA 95037  
408.778.6480

Prepared by:

Geier & Geier Consulting, Inc.  
P.O. Box 5054  
Berkeley, CA 94705

January 2016

# TABLE OF CONTENTS

	Page
Mitigation Monitoring and Reporting Program .....	1
Introduction.....	1
Summary of Mitigation Measures.....	2
Mitigation Measures .....	4
Air Quality .....	6
Biological Resources .....	6
Hazards and Hazardous Materials .....	9
Hydrology and Water Quality.....	11
Noise .....	12

# MITIGATION MONITORING AND REPORTING PROGRAM

## INTRODUCTION

The City of Morgan Hill, as Lead Agency under the California Environmental Quality Act (CEQA) and State CEQA Guidelines, has prepared the Final Mitigated Negative Declaration (MND) for the West Dunne Avenue - Gera Residential Project (Project). When a lead agency makes findings on significant effects identified in an MND, it must also adopt a program for reporting or monitoring mitigation measures that were adopted or made conditions of project approval (Public Resources Code [PRC] Section 21081.6[a]; State CEQA Guidelines Sections 15091[d], 15097).

This document represents the mitigation monitoring and reporting program (MMRP) prepared by the City of Morgan Hill for the Project. This MMRP includes all measures required to reduce potentially significant environmental impacts to a less-than-significant level. It also identifies the timing of implementation; the agency responsible for implementing the mitigation; and the agency responsible for monitoring the mitigation. The mitigation measures, timing, and responsibility are summarized in Table 1, and the full text of the mitigation measures follows. The implementation and monitoring of these mitigation measures in conjunction with the implementation of the City's Standard Measures required for such projects will ensure the reduction of potentially significant environmental effects to less than significant levels.

This MMRP has been prepared by the City of Morgan Hill, with technical assistance from Geier & Geier Consulting, Inc., an environmental consulting firm. Questions should be directed to Terry Linder at the City of Morgan Hill.

### Contact Information:

City of Morgan Hill  
Community Planning Department  
17575 Peak Avenue  
Morgan Hill, CA 95037  
408.778.6480

**TABLE 1. MITIGATION MONITORING AND REPORTING PROGRAM – SUMMARY OF MITIGATION MEASURES**

<b>Mitigation Measure</b>	<b>Implementation Responsibility</b>	<b>Monitoring Responsibility<sup>1</sup></b>	<b>Monitoring Notes</b>
<b>Prior to Construction</b>			
<b>BIO-1:</b> A qualified biologist should conduct a pre-construction survey for suitable bat roosting sites prior to removal of mature trees and demolition or renovation of structures. Specific measures as described herein shall be implemented for the protection of the bats that may occur on the site.	Project Applicant with Construction Contractor	City of Morgan Hill Community Development Department	
<b>BIO-2:</b> Prior to site preparation for project construction, including the removal of mature trees, demolition of structures, and grading, pre-construction surveys shall be conducted by qualified biologists for the presence of Pacific Pond Turtle and San Francisco Dusky-footed Woodrat nests. Specific measures as described herein shall be implemented for the protection of the bats that may occur on the site.	Project Applicant with Construction Contractor	City of Morgan Hill Community Development Department	
<b>HYD-1:</b> The project sponsor shall retain a licensed well driller to destruct or abandon the former irrigation well at the project site in accordance with the standards specified in Santa Clara Valley Water District Ordinance 90-1 and the California Water Well Standards.	Project Applicant with Construction Contractor	City of Morgan Hill Community Development Department and City of Morgan Hill Public Works Department	
<b>HAZ-2:</b> Remove and dispose of existing hazardous materials prior to building demolition.	Project Applicant with Construction Contractor	City of Morgan Hill Community Development Department and County of Santa Clara Department of Environmental Health	
<b>HAZ-3:</b> Prepare a hazardous building materials survey and implement appropriate abatement such as containment and/or removal.	Project Applicant with Construction Contractor	City of Morgan Hill – Fire Department and BAAQMD	

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility <sup>1</sup>	Monitoring Notes
<b>NOI-1:</b> Design acoustically effective noise control barrier at rear yards for lots designated by the Noise Study to comply with City of Morgan Hill Noise Element standards.	Project Applicant with Construction Contractor	City of Morgan Hill – Community Development Department	
<b>NOI-2:</b> Prohibit operation of large vibratory compactors within 15 feet of adjacent structures or use smaller (jumping jack) vibratory compactors within 15 feet of project boundaries in order to maintain construction-related vibration levels below the 0.5 in/sec PPV threshold at adjacent structures.	Project Applicant with Construction Contractor	City of Morgan Hill – Community Development Department	
<b>During Construction</b>			
<b>AQ-1:</b> To limit the project's construction-related dust and criteria pollutant emissions, the BAAQMD-recommended Basic Construction Mitigation Measures shall be included in the project's grading plan, building plans, and contract specifications.	Project Applicant with Construction Contractor and City of Morgan Hill	City of Morgan Hill – Community Development Department	
<b>BIO-1:</b> A qualified biologist should conduct a pre-construction survey for suitable bat roosting sites prior to removal of mature trees and demolition or renovation of structures. Specific measures as described herein shall be implemented for the protection of the bats that may occur on the site.	Project Applicant with Construction Contractor	City of Morgan Hill Community Development Department	
<b>BIO-2:</b> Prior to site preparation for project construction, including the removal of mature trees, demolition of structures, and grading, pre-construction surveys shall be conducted by qualified biologists for the presence of Pacific Pond Turtle and San Francisco Dusky-footed Woodrat nests. Specific measures as described herein shall be implemented for the protection of the bats that may occur on the site.	Project Applicant with Construction Contractor	City of Morgan Hill Community Development Department	

**TABLE 1. MITIGATION MONITORING AND REPORTING PROGRAM – SUMMARY OF MITIGATION MEASURES (CONTINUED)**

<b>Mitigation Measure</b>	<b>Implementation Responsibility</b>	<b>Monitoring Responsibility<sup>1</sup></b>	<b>Monitoring Notes</b>
<b>HAZ-4:</b> Soil sampling and management measures shall be required to reduce public health risks related to exposure to hazardous materials to a less-than-significant level. Oversight agency review may amend these measures as applicable.	Project Applicant with Construction Contractor	City of Morgan Hill – Public Works Department	
<b>NOI-1:</b> Install acoustically effective noise control barrier at rear yards for lots designated by the Noise Study to comply with City of Morgan Hill Noise Element standards.	Project Applicant with Construction Contractor	City of Morgan Hill – Community Development Department	
<b>NOI-2:</b> Prohibit operation of large vibratory compactors within 15 feet of adjacent structures or use smaller (jumping jack) vibratory compactors within 15 feet of project boundaries in order to maintain construction-related vibration levels below the 0.5 in/sec PPV threshold at adjacent structures.	Project Applicant with Construction Contractor	City of Morgan Hill – Community Development Department	
<b>NOI-2:</b> Install windows, doors, and ventilation equipment as detailed in the Mitigation Measure to ensure compliance with City indoor noise limits for living spaces.	Project Applicant with Construction Contractor	City of Morgan Hill – Community Development Department	
<b>NOI-3:</b> Construction equipment operation and practices shall be limited to days and times in accordance to those specified by the City of Morgan Hill Zoning Ordinance. Equipment selection is recommended for noise reduction from specific construction activities: earth removal, backfilling, ground preparation, building construction, and construction phasing.	Project Applicant with Construction Contractor	City of Morgan Hill – Community Development Department	

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility <sup>1</sup>	Monitoring Notes
<b>Prior to Occupancy</b>			
<b>HAZ-1:</b> Implement Buyer Education Program for Household Hazardous Waste.	Project Applicant with City of Morgan Hill	City of Morgan Hill – Community Development Department	

<sup>1</sup> The City of Morgan Hill may hire a qualified contractor to conduct mitigation monitoring.

## Air Quality

Although the project's construction-related air pollutant emissions would not exceed the BAAQMD's applicable significance thresholds, the following measures are recommended by the BAAQMD to reduce the project's construction emissions:

- MM AQ-1: Basic Construction Measures.** To limit the project's construction-related dust and criteria pollutant emissions, the following BAAQMD-recommended Basic Construction Mitigation Measures shall be included in the project's grading plan, building plans, and contract specifications:
- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
  - All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
  - All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
  - All vehicle speeds on unpaved roads shall be limited to 15 mph.
  - All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible.
  - Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
  - All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
  - Post a publicly visible sign with the telephone number and person to contact at the City regarding dust complaints. This person shall respond and take corrective action within 48 hours. The BAAQMD's phone number shall also be visible to ensure compliance with applicable regulations.

## BIOLOGICAL RESOURCES

The project's construction-related activities, including demolition of structures, site preparation, and grading could have potentially significant effects on special-status animal species that could be expected on the project site or using suitable habitat on-site. Implementation of the following measures would reduce these potentially significant effects to less-than-significant levels:

- MM BIO-1: Special-Status Bats.** Prior to the removal of mature trees or the demolition or renovation of structures, the measures outlined below should be performed.

- a. A pre-construction survey should be conducted by a qualified biologist to identify suitable bat roosting sites.
- b. Any trees or structures determined to support or potentially support maternal roosting sites may only be removed or demolished after coordination with the CDFW and/or the USFWS. Passive exclusion of roosting bats will be required and this may only be performed during the non-breeding season (i.e., between October 1 and March 30).
- c. Any trees or structures determined to provide suitable bat day or night roosting sites should be identified and marked on site plans. Such roosting sites include snags, rotten stumps, and decadent trees with broken limbs, exfoliating bark, cavities, openings leading to interior portions of any structures. If no suitable roost sites or evidence of bat roosting are identified, impact minimization measures are not warranted. If suitable roosting sites or evidence of bat roosting are identified, the following measures should be conducted:
  - i. A qualified biologist should survey suitable roost sites immediately prior to the removal or significant pruning of any of the larger trees, or demolition or significant renovation of any structures.
  - ii. If the project biologist identifies suitable day or night roost sites or evidence of bat occupation, the following steps should be followed to discourage use of the sites by bats and to ensure that any bats present are able to safely relocate.

For trees:

- Tree limbs smaller than 7.6 cm (3 in) in diameter should be removed and any loose bark should be peeled away.
- Any competing limbs that provide shelter around the potential roost site should be removed to create as open of an area as possible.
- The tree should then be alone to allow any bats using the tree/snag to find another roost during their nocturnal activity period.
- The project biologist should re-survey the trees a second time 48 hours after trimming.
- If no bats are present, work may proceed.
- If bats remain on-site, additional measures would be prescribed by the biologist.

For structures:

- Depending on the location of potential roost sites and the nature of bat occupation, partial dismantling of a suspect structure may be performed to discourage use by bats. Partial dismantling may consist of the removal of siding, roof sections, and roof gables to permit air flow and exposure to sunlight. This work should be performed under the supervision and direction of a qualified biologist.

- The project biologist should re-survey the structures a second time 48 hours after performance of the partial dismantling work.
- If no bats are present, work may proceed.
- If bats remain on-site, additional measures would be prescribed by the biologist.

**MM BIO-2: Special-Status Animal Species with Suitable Site Habitat.** Prior to site preparation for project construction, including the removal of mature trees, demolition of structures, and grading, the measures outlined below should be performed.

For Pacific Pond Turtle:

- a. A pre-construction survey shall be conducted in the work area for the presence of pond turtles.
- b. The project plans shall include the installation of wildlife exclusion fencing to prevent pond turtles from entering the work area and thereby protected from harm.
- c. If a pond turtle is detected on-site, it may only be relocated by a qualified biologist. The biologist should make a record of the animal(s) and report his/her observations to the CDFW and the CNDDB.

For San Francisco Dusky-footed Woodrat:

- d. A pre-construction wildlife survey should be performed at the project site to search for woodrat nests. If no nests are detected, no further avoidance measures are warranted.
  - e. If a woodrat nest is detected, it should be mapped in relation to the proposed limits of work. If the nest can be avoided, it should be isolated from the work zone by installation of wildlife exclusion fencing (WEF).
  - f. If a woodrat nest is in the work zone and it cannot be avoided, site clearing should be performed during the non-breeding season (e.g., September 1 through November 30). During the non-breeding season, the nest should be disassembled by hand and the nest materials (e.g., sticks) removed and disposed of off-site. Any adult animals will be passively relocated into the adjacent woodland habitat. This work should be performed by a qualified biologist in coordination with the CDFW.
  - g. If site clearing must proceed during the breeding season, it will be necessary to determine whether or not the nest is currently occupied. This may be done by direct observation over the course of at least two evenings no more than 48 hours prior to nest disassembly. Direct observation may consist of installation of wildlife cameras at the nest or by a biologist on the ground. If no animals are observed, the nest may be disassembled by hand. If, during the process of disassembling the nest, live animals are encountered, nest materials should be replaced on top of the nest and the effort abandoned. Nest may not be disassembled if young woodrats are present. Construction must then be postponed until the end of the breeding season.
- Special-Status Bats.** Prior to

the removal of mature trees or the demolition or renovation of structures, the measures outlined below should be performed.

## HAZARDS AND HAZARDOUS MATERIALS

The following mitigation measures will reduce potential hazardous materials impacts from structure demolition, site preparation, and construction grading that could occur on the project site.

- MM HAZ-1: Implement Buyer Education Program for Household Hazardous Waste:** The project sponsor, working with the City of Morgan Hill and County of Santa Clara Household Hazardous Waste program, shall implement a Buyer Education Program for Household Hazardous Waste, developing materials to educate buyers about the identification of household hazardous wastes, environmental hazards associated with mishandling of the wastes, appropriate disposal methods, and how to make an appointment for disposal. At a minimum, the educational materials shall include a list of example household hazardous wastes, discuss the environmental impacts of improper disposal, explain how to make an appointment for disposal, and list safer and less toxic alternatives to hazardous products commonly used. The educational materials shall be provided to the buyer at the time of purchase.
- MM HAZ-2: Removal and Disposal of Existing Hazardous Materials.** Removal and Disposal of Existing Hazardous Materials. Prior to demolition of the existing buildings at the project site, the project applicant shall retain a qualified and licensed contractor to complete the inspection of the project site for potentially hazardous materials, and remove all hazardous materials (pesticides, fungicides, other agricultural chemicals, sealants, lubricants, antifreeze, paints, and others) as well as all fuel tanks and 55- gallon drums from the property, and legally dispose of these materials. Documentation of appropriate disposal shall be submitted to the City of Morgan Hill Community Development Agency Building Division prior to issuance of a demolition permit.
- MM HAZ-3: Hazardous Building Materials Removal.** Prior to demolition of the existing buildings at the project site, the project applicant shall require that the contractor(s) have a hazardous building materials survey completed by a Registered Environmental Assessor or a registered engineer. This survey shall be completed prior to any demolition activities associated with the project. If any friable asbestos-containing materials or lead-containing materials are identified, adequate abatement practices, such as containment and/or removal, shall be implemented in accordance with applicable laws prior to demolition. Specifically, asbestos abatement shall be conducted in accordance with Section 19827.5 of the California Health and Safety Code, as implemented by the BAAQMD, and 8 CCR Section 1529 and Sections 341.6 through 341.14, as implemented by Cal/OSHA. Lead-based paint abatement shall be conducted in accordance with Cal/OSHA's Lead in Construction Standard.

Any PCB-containing equipment, fluorescent light tubes containing mercury vapors, and fluorescent light ballasts containing DEHP shall also be removed and legally disposed of in accordance with applicable laws including 22 CCR Section 66261.24 for PCBs, 22 CCR Section 66273.8 for fluorescent lamp tubes, and 22 CCR Division 4.5, Chapter 11 for DEHP.

**MM HAZ-4: Soil Sampling and Management.** The following measures shall be required to reduce public health risks related to exposure to hazardous materials to a less-than-significant level. Oversight agency review may amend these measures as applicable.

- a. The project applicant shall retain a qualified professional to update the environmental database review performed as part of the Phase 1 Environmental Site Assessment no more than 90 days prior to the start of construction. The qualified professional shall prepare a report summarizing the results of the environmental database review and assessing the potential for any identified chemical release sites to affect soil quality at the proposed project site. Appropriate soil analysis to evaluate the potential for soil contamination at the proposed project site, if needed, shall also be identified.
- b. The project applicant shall retain a qualified professional to conduct a soil quality investigation to assess the potential presence of pesticides and associated metals in the soil as well as the potential presence of any hazardous materials that may have been spilled. If the updated environmental database review performed in accordance with HAZ-4a, above, identifies the need for additional sampling, it shall be included in this investigation. The qualified professional shall prepare a report summarizing the results of the soil investigation, including recommendations for site cleanup and disposal of excavated soil.
- c. The project applicant shall participate in the Voluntary Cleanup Program (VCP) administered by the Santa Clara County Department of Environmental Health (County) to develop the appropriate plan of action based on the results of the soil quality investigation conducted under HAZ-4b, above. If additional investigation or remediation is needed, the project applicant shall implement such action with oversight from the County, unless referred to an alternate agency.
- d. The applicant shall submit a “no further action” letter from the oversight agency or comparable closure document that demonstrates the site has been released as clean or a mitigation plan has been approved and implemented. Each phase of building permit issuance shall be contingent upon approval of the soil investigation and remediation documentation.
- e. If the soil investigation identifies soil requiring off-site disposal that is not suitable for unrestricted disposal, the project applicant shall require the construction contractor(s) to prepare a Soil Management Plan (SMP). The SMP shall provide a plan for disposal of identified hazardous soils and excess soil produced during construction activities, including the disposal methods for soil, potential disposal sites, and requirements for written documentation

that the disposal site will accept the excess soil. If appropriate, excess soil may be disposed of on-site, under foundations or in other locations in accordance with applicable hazardous waste classifications and disposal regulations.

The contractor shall be required to submit the SMP to the project applicant for acceptance prior to implementation. If necessary, excess soil from construction activities shall be sampled to determine the appropriate disposal requirements in accordance with applicable hazardous waste classification and disposal regulations prior to or during construction,. The project applicant shall also submit the SMP to the County of Santa Clara Department of Environmental Health a minimum of 30 days prior to the planned start of construction,

- f. If recommended by the qualified professional, the project applicant shall require the construction contractor to prepare and implement a site safety plan identifying the chemicals present, potential health and safety hazards, monitoring to be performed during site activities, soils-handling methods required to minimize the potential for exposure to harmful levels of the chemicals identified in the soil, appropriate personnel protective equipment, and emergency response procedures.
- g. The project applicant shall require the construction contractor(s) to have a contingency plan for sampling and analysis of potential hazardous materials and for coordination with the appropriate regulatory agencies, in the event that previously unidentified hazardous materials are encountered during construction. If any hazardous materials are identified, the contractor(s) shall be required to modify their health and safety plan to include the new data, conduct sampling to assess the chemicals present, and identify appropriate disposal methods. Evidence of potential contamination includes soil discoloration, suspicious odors, the presence of USTs, or the presence of buried building materials.

## HYDROLOGY AND WATER QUALITY

In accordance with the City of Morgan Hill Standard Conditions of Approval and the General National Pollutant Discharge Elimination System Storm Water Permit for Construction Activities, the following measures have been included in the project to reduce potential construction-related water quality impacts to a less than significant level:

- MM HYD-1: Properly Abandon Existing Wells.** The project sponsor shall retain a licensed well driller to destruct or abandon the former irrigation well at the project site in accordance with the standards specified in Santa Clara Valley Water District Ordinance 90-1 and the California Water Well Standards developed by the California Department of Water Resources ([http://www.water.ca.gov/groundwater/well\\_info\\_and\\_other/california\\_well\\_standards/well\\_standards\\_content.html](http://www.water.ca.gov/groundwater/well_info_and_other/california_well_standards/well_standards_content.html)). Documentation of appropriate disposal shall

be submitted to the City of Morgan Hill Building Division prior to issuance of a demolition permit.

## NOISE

The following mitigation measures will reduce potential noise impacts from structure demolition, site preparation, and grading, and construction that could occur on the project site.

**MM NOI-1: Exterior Noise Control.** To achieve compliance with the 60 dB DNL limit of the City of Morgan Hill Noise Element standards for the noise-impacted rear yard closest to West Dunne Avenue, the following noise control barrier shall be required:

- Construct six-foot high acoustically-effective barriers at the rear yard of the lot at the southeasterly corner of the site to shield the area of the rear yard that is within 72 feet of the centerline of West Dunne Avenue (see Figure 1 of Attachment 5. The barrier height is in reference to the nearest building pad elevation. Since the precise location of the rear yard for this lot is not shown on project plans, the recommended barrier location is estimated.

To achieve an acoustically-effective barrier, the barrier must be constructed air-tight, i.e., without cracks, gaps or other openings, and must provide for long term durability. Barriers can be constructed of masonry, wood, concrete, stucco, earth berm or a combination thereof and must have a minimum surface weight of 2.5 pounds per square foot. If wood fencing is used, homogeneous sheet materials are preferable to conventional wood fencing as the latter has a tendency to warp and form openings with age. However, high quality, air-tight, tongue-and-groove, board and batten or shiplap construction can be used. All connections with posts, pilasters or building shells must be sealed air-tight. No openings are permitted between the upper barrier components and the ground. Gates may be incorporated into the barriers, but they must meet the minimum surface weight requirement and must seal tight when closed. The gap at the bottom of the gate shall be less than one inch.

**MM NOI-2: Limit Vibratory Equipment Use.** Prohibit operation of large vibratory compactors within 15 feet of adjacent structures or use smaller (jumping jack) vibratory compactors within 15 feet of project boundaries in order to maintain construction-related vibration levels below the 0.5 in/sec PPV threshold at adjacent structures.

**MM NOI-3: Implement Construction Noise Controls.** Quiet or "new technology" equipment should be used wherever feasible. The greatest potential for noise abatement of current equipment should be the quieting of exhaust noises by use of improved mufflers. Therefore, it is recommended that all internal combustion engines used at the project site be equipped with a type of muffler recommended by the vehicle manufacturer. In addition, all equipment should be in good mechanical condition so as to minimize noise created by faulty or poorly

maintained engine, drive-train and other components. Construction noise should also be mitigated by the following measures:

- Noisy operations shall be scheduled for the daytime hours (7:00 a.m. to 8:00 p.m., Monday through Friday and 9:00 a.m. to 6:00 pm. on Saturdays) in accordance with time limits specified in the City of Morgan Hill Zoning Ordinance.
- All diesel-powered equipment should be located more than 200 feet from any residence to the extent feasible if the equipment is to operate for more than several hours per day.
- Stockpiled materials should be located so that they can help block construction noise at nearby sensitive receptors.
- Noise reduction benefits could also be achieved by appropriate selection of equipment utilized for various operations (subject to equipment availability and cost considerations). The following measures are recommended to reduce noise impacts on nearby residents:
  - Earth Removal: Use scrapers as much as possible for earth removal, rather than the noisier loaders and hauling trucks.
  - Backfilling: Use a backhoe for backfilling, as it is less costly and quieter than either dozers or loaders.
  - Ground Preparation: Use a motor grader rather than a bulldozer for final grading.
  - Building Construction: Powers saws should be shielded or enclosed where practical to decrease noise emissions. Nail guns should be used where possible as they are less noisy than manual hammering.
  - Construction Phasing: Construct buildings or other significant structures at the site perimeter to help shield existing sensitive receptors from noise generated on the site.

**MM NOI-3: Implement Construction Noise Controls.** The following measures shall be required if future residences on the property immediately to the northwest are constructed and occupied at the time of project construction. However, these measures are recommended in any case to help minimize the potential for annoyance at nearby residential receptors:

- Quiet or "new technology" equipment should be used wherever feasible. All internal combustion engines used at the project site should be equipped with mufflers (as recommended by the vehicle manufacturer). In addition, all equipment should be in good mechanical condition so as to minimize noise created by faulty or poorly maintained engine, drive-train and other components.

- Noisy operations shall be scheduled for the daytime hours (7:00 a.m. to 8:00 p.m., Monday through Friday and 9:00 a.m. to 6:00 pm. on Saturdays) in accordance with time limits specified in the City of Morgan Hill Zoning Ordinance.
- All diesel-powered equipment should be located more than 200 feet from any residence to the extent feasible if the equipment is to operate for more than several hours per day.
- Locate stockpiled materials so that they can help block construction noise at nearby sensitive receptors.
- Noise reduction benefits could also be achieved by appropriate selection of equipment utilized for various operations (subject to equipment availability and cost considerations). The following measures are recommended to reduce noise impacts on nearby residents:
  - Earth Removal: Use scrapers as much as possible for earth removal, rather than the noisier loaders and hauling trucks.
  - Backfilling: Use a backhoe for backfilling, as it is less costly and quieter than either dozers or loaders.
  - Ground Preparation: Use a motor grader rather than a bulldozer for final grading.
  - Building Construction: Powers saws should be shielded or enclosed where practical to decrease noise emissions. Nail guns should be used where possible as they are less noisy than manual hammering.
  - Construction Phasing: Construct buildings or other significant structures at the site perimeter to help shield existing sensitive receptors from noise generated on the site.

### III. FINDING

The City of Morgan Hill Community and Economic Development Director hereby finds that the proposed project could have a significant effect on the environment; however, there would not be a significant effect in this case because mitigation measures summarized above and described in the initial study are included in the project.

Andrew Crabtree  
Community Development Director

Date: \_\_\_\_\_