Mission Canyon Community Plan Case Nos. 13GPA-00000-00008, 11GPA-00000-00005, 11GPA-00000-00006, 11ORD-00000-00032, and 11RZN-00000-00004

Attachment 3: Mitigation Monitoring Program

## **ATTACHMENT 3: Mitigation Monitoring Program**

## Mitigation Monitoring Program for the Mission Canyon Community Plan EIR (09EIR-00000-00002) State Clearinghouse No. 2009061066

## 1. INTRODUCTION

The California Environmental Quality Act (CEQA) requires a public agency to adopt a reporting or monitoring program when approving a project or changes to a project to mitigate or avoid significant effects on the environment (Public Resources Code Section 21081.6). The program must be based on the findings and the required mitigation measures presented in the Environmental Impact Report (EIR) that was prepared for the project and certified by the lead agency. The reporting or monitoring program must be designed to ensure compliance during project implementation. In addition, the program must identify the agency responsible for each monitoring and reporting task.

## 2. PURPOSE AND USE OF THE MONITORING PROGRAM

The purpose of the monitoring program is to provide a simple guideline of procedures to ensure that the mitigation measures required under the EIR are implemented properly. A monitoring program (page 3) provides the following information:

- (1) The first column lists the EIR required mitigation measures;
- (2) The second column lists the agency responsible for implementing the mitigation measures;
- (3) The third column lists when the mitigation measure will be implemented; and
- (4) The fourth column provides guidance on monitoring and reporting actions.

The CEQA Guidelines Section 15097(b) state:

Where the project at issue is the adoption of a general plan, specific plan, community plan or other plan-level document (zoning, ordinance, regulation, policy), the monitoring plan shall apply to policies and any other portion of the plan that is a mitigation measure or adopted alternative. The monitoring plan may consist of policies included in plan-level documents. The annual report on general plan status required pursuant to the Government Code is one example of a reporting program for adoption of a city or county general plan.

As listed in the fourth column, this monitoring program relies mainly on the County's Comprehensive Plan Annual Progress Report to report on the status of the Mission Canyon Community Plan policies adopted in response to the EIR mitigation measures.

Page 2

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Page 3

Mission Canyon Community Plan Mitigation Monitoring Program

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
AESTHETICS			
<b>MM-AES-1:</b> Incorporate proposed land use and visual resource goals, policies, development standards, and actions (or comparable language) from the draft Mission Canyon Community Plan (MCCP) into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	Santa Barbara County Planning and Development (P&D) is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan (MCCP).  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
MM-AES-2: Amend proposed Scenic Corridor Development Standards in the LUDC to prevent impacts to visual character and public views.  An amendment to the proposed LUDC development standards for the Mission Canyon Scenic Corridor overlay zone is proposed to ensure that secondary front setbacks on corner lots are treated the same as primary front setbacks (i.e., the primary and secondary front setback of any portion of a lot facing Mission Canyon Road would be 80 feet from road centerline and 55 feet from right-ofway) and 2) the fence and wall height standard applies to the secondary front setback area adjacent to Mission Canyon Road (i.e., fences and walls over 3.5 feet in height require a Land Use Permit).	Santa Barbara County Board of Supervisors	With adoption of amendments to the Land Use and Development Code (LUDC).  During construction.	P&D is responsible for implementing LUDC development standards.  Height of structure(s) shall be checked by Santa Barbara County Building and Safety during inspection.
AIR QUALITY			
<ul> <li>MM-AQ-1: Fugitive Dust (PM<sub>10</sub>) Control. Fugitive dust control shall include measures designed to reduce particulate matter (PM<sub>10</sub>) emissions from project construction. Controls shall include, but not be limited to, the following measures:</li> <li>a. Dust generated by the development activities shall be kept to a minimum with a goal of retaining dust on the site.</li> <li>b. During clearing, grading, earth moving, excavation, or</li> </ul>	Planning and Development	During construction.	P&D processing planner shall ensure measures are on plans. P&D grading and building inspectors shall spot check and ensure compliance onsite. Air Pollution Control District inspectors shall respond to nuisance complaints.

	Mitigation Measure	Implemented by	When	Monitoring or Reporting Action
	Wittigation Weasure	implemented by	Implemented	Workering of Reporting Action
	day and whenever wind exceeds 15 mph.			
BIC	OLOGICAL RESOURCES			
nat cor sta	M-BIO-1: Revise native tree protection policy to protect non- tive trees that have a biological or ecological function and for insistency with proposed environmentally sensitive habitat andards.  licy BIO-MC-6: Native trees shall be protected to the maximum tent feasible. A "native protected tree" is at least six inches in	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
fee slo no (Pla big	emeter (largest diameter for non-round trunks) as measured 4.5 et above level ground (or as measured on the uphill side where uped). Native trees found in Mission Canyon area include, but are t limited to: coast live oak (Quercus agrifolia), western sycamore atanus racemosa), California bay (Umbellularia californica), gleaf maple (Acer macrophyllum), white alder (Alnus rhombifolia) d California black walnut (Juglans californica).			

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
Non-native trees that provide nesting habitat or cover shall be protected to the maximum extent feasible. A "non-native protected tree" has a biological or ecological function (i.e., it provides nesting habitat or cover) and is at least six inches in diameter (largest diameter for non-round trunks) as measured 4.5 feet above level ground (or as measured on the uphill side where sloped).			
If it is determined by Planning and Development that tree removal cannot be avoided, removed trees shall be relocated or replaced onsite to the extent feasible provided the relocated or replaced trees can be accommodated in a location and manner that does not conflict with defensible space clearance requirements.  Replacement for native trees should be propagated from onsite or nearby specimens.			
<b>MM-BIO-2.1:</b> Incorporate proposed land use and biological resource goals, policies, development standards, and actions (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
MM-BIO-2.2: Revise environmentally sensitive habitat mapping policy and action.  Policy BIO-MC-3: The following biological resources and habitats, as identified and generally described by the Community Plan, shall be	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan and LUDC	P&D is responsible for ESH mapping.
presumed to be "environmentally sensitive," provided that the biological resource(s) or habitat(s) actually present on a project site satisfy one or more of the criteria listed in Policy BIO-MC-2. These resources and habitats shall be identified on an Mission Canyon Community Plan Environmentally Sensitive Habitat (ESH) Land Use and Zoning Overlays map to the extent that their general or specific locations are known:		amendments.	

Mitigation Measure	Implemented by	When	Monitoring or Reporting Action
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		•	
Habitats containing Nuttall's scrub oak or other special status			
animal or plant species or rare natural communities;			
<ul> <li>Central and Southern Coast Live Oak Riparian Forest and Woodland;</li> </ul>			
Coast Live Oak Woodland and Forest;			
California Sycamore Riparian Forest;			
Coast Live Oak/Olive Riparian Woodland;			
Central Coast Arroyo Willow Riparian Forest;			
Wetland Habitats; and			
Native grasslands or other habitats with understory dominated			
by native grass species.			
The scale of the Land Use and Zoning Overlays map precludes			
complete accuracy in the mapping of habitat areas. In some cases,			
the precise location of habitat areas is not known and is therefore			
not mapped. In addition, the migration of species or discovery of			
new habitats may result in the designation of new areas, or site-			
specific reviews may indicate different habitat designations. As new			
information becomes available, Planning and Development will			
periodically update the boundaries of the designations. Where			
proposed development could impact ESH present on site, a			
biological report, prepared by a County-approved biologist shall be			
required. The report shall follow the County and California			
Department of Fish and Wildlife's most current guidelines as			
determined by Planning and Development.			
Action BIO-MC-3.1: The LUDC shall be amended upon Community			
Plan adoption to include an Environmentally Sensitive Habitat			
overlay zone for the Mission Canyon area (ESH-MC). Location of			
environmentally sensitive biological resources/habitat areas shall be			
depicted on the ESH-MC Land Use and Zoning Overlays map.			
MM-BIO-2.3: Clarify permit requirements for vegetation removal in	Santa Barbara	With adoption of	P&D is responsible for implementing LUDC

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
designated environmentally sensitive habitat.	County Board of Supervisors	the LUDC amendments.	development standards.
Action BIO-MC-4.2: The LUDC shall be amended upon Community Plan adoption to: (1) regulate and provide criteria for the removal of vegetation and mature native trees in designated ESH; (2) identify activities that are exempt from permits, in addition to other existing permit review other provisions and policy; and (3) provide new definitions as needed to clarify criteria. The intent of the permit exemption is to allow for compliance with state and local defensible space regulations while protecting ESH. Activities requiring permits and exempt activities shall be specific in the LUDC. Exempt activities shall not involve any grading or use of heavy equipment within riparian areas.	Supervisors		P&D compliance monitoring staff shall ensure compliance on site during construction.
LUDC amendment: The ESH-MC Overlay Zone permit and processing requirements shall clarify permit exemptions and requirements.			
MM-BIO-2.4: Increase riparian habitat buffer.	Santa Barbara County Board of	With adoption of the Mission	P&D is responsible for monitoring and implementing the policies and other provisions
<b>DevStd BIO-MC-3.3:</b> Development shall be required to include the following ESH buffer areas:	Supervisors	Canyon Community Plan.	of the Mission Canyon Community Plan.  P&D shall report upon the implementation of
<ul> <li>Creeks and streams including steelhead critical habitat streams—50 feet from the geologic top of creek bank.</li> </ul>			the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
<ul> <li>Central and Southern Coast Live Oak Riparian Forest and Woodland, Coast Live Oak/Olive Riparian Woodland, California Sycamore Riparian Forest, and Central Coast Arroyo Willow Riparian Forest 50 feet from edge of canopy.</li> </ul>			P&D compliance monitoring staff shall ensure compliance on site during construction.
<ul> <li>Coast Live Oak Woodland and Forest—25 feet from edge of canopy.</li> <li>Habitats containing Nuttall's scrub oak or other special status animal or plant species or rare natural communities—25 feet minimum, full extent to be determined on a case-by-case basis.</li> </ul>			

Mitigation Measure	Implemented by	When	Monitoring or Reporting Action
initigation measure	impremented by	Implemented	moning of neporting reason
Wetland Habitats—50 feet from edge of wetland habitat.		•	
Buffer areas from other types of ESH shall be determined on a			
case-by-case basis.			
These buffers areas may be adjusted upward or downward on a			
case-by-case basis given site specific conditions such as slopes,			
biological resources, and erosion potential, as evaluated and			
determined by the County.			
<b>DevStd BIO-MC-4.1:</b> Fuel modification for defensible space within			
ESH and ESH buffers shall maintain the habitat's structural integrity			
and ecological functions that physically support species (e.g., stream			
bank stabilization, erosion control and water quality, shading effects			
of tree canopies).			
Policy BIO-MC-8: Native riparian vegetation, including trees, shall be			
protected as part of a stream or creek development buffer. Public			
or privately initiated restoration of degraded riparian areas shall be			
encouraged.			
<b>DevStd BIO-MC-8.1:</b> Development shall be setback a minimum of			
50 feet from the geologic top of bank of any stream or creek or			
outside edge of riparian vegetation, whichever is greater. Buffer			
areas may be adjusted upward or downward on a case-by-case basis			
given site-specific conditions such as slopes, biological resources,			
and erosion potential, as evaluated and determined by the County.	Canta Dankana	NACHE	DOD is no so so the few as so the size and
MM-BIO-2.5: Revise Development Standard for Environmentally Sensitive Habitat areas.	Santa Barbara	With adoption of the Mission	P&D is responsible for monitoring and
<b>DevStd BIO-MC-1.8</b> : Development on parcels entirely within ESH	County Board of Supervisors	Canyon	implementing the policies and other provisions of the Mission Canyon Community Plan.
shall be subject to the following development standards:	Jupervisors	Community Plan.	of the Mission Carryon Community Flam.
and the state of t			P&D shall report upon the implementation of
1. All permitted development and uses, including structures,			the MCCP as part of the County's
roadways, landscaping, and agricultural uses, shall be clustered in			Comprehensive Plan Annual Progress Report.
one contiguous area to avoid fragmenting the habitat.			

Mitigation Measure	Implemented by	When	Monitoring or Reporting Action
		Implemented	
2. Development shall be located adjacent to existing access roads and infrastructure to avoid fragmenting the habitat.			P&D compliance monitoring staff shall ensure compliance on site during construction.
3. If impacts to ESH are greater than 0.5 acres, restoration of degraded native habitat shall be required at a 2:1 ratio. For impacts less than 0.5 acres, enhancement (e.g., invasive species removal) of on-site adjacent ESH shall be required at a minimum 2:1 ratio.			
<b>MM-BIO-3:</b> Revise development standard for landscaping to eliminate use of invasive and undesirable plant species. DevStd BIO-MC-5.1 in the draft MCCP shall be revised as follows.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.
<b>DevStd BIO-MC-5.1</b> : Development requiring a landscape plan should use only non-invasive, fire resistant species (see firewise garden examples listed in Appendix E). Plants listed on the most recent California Invasive Plant Council (Cal IPC) Invasive Plant		·	P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
Inventory and Undesirable Plant Species listed in Appendix $\underline{E}$ shall not be included in any landscape plan for new development.			P&D compliance monitoring staff shall ensure compliance on site during construction.
<b>MM-BIO-4.1:</b> Incorporate proposed biological policy and development standards (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.
			P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
<b>MM-BIO-4.2:</b> Revise draft MCCP policy and development standards for activities permitted in stream corridors to provide enhanced protection of steelhead habitat.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.
<b>Policy BIO-MC-7:</b> Natural stream corridors shall be maintained in an undisturbed state to the maximum extent feasible in order to protect water quality, protect banks from erosion, enhance wildlife passageways, and provide natural greenbelts. "Hardbank" channelization (e.g., use of concrete, riprap, gabion baskets) of		,	P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure

Mitigation Measure	Implemented by	When	Monitoring or Reporting Action
	,	Implemented	
stream channels or corridors shall be prohibited, except where it		-	compliance on site during construction.
has been demonstrated that no other method for protecting			
existing habitable structures or infrastructure in the floodplain is			
feasible and where such protection is necessary for public safety or			
to protect existing habitable structures (existing habitable structures			
and infrastructure shall be as of the Community Plan adoption date).			
Where hardbank channelization is required, the material and design			
used shall be the least environmentally damaging alternative and			
site restoration on or adjacent to the stream channel shall be			
required, subject to a Restoration Plan.			
<b>DevStd BIO-MC-8.3:</b> When activities permitted in stream corridors			
would require removal of native riparian plants and/or non-native			
invasive vegetation, no herbicide use shall occur within a 15-foot			
wide exclusion zone at the top of creek bank, on the creek bank, or			
in the creek bed. Herbicide use in the creek channel shall be			
approved by California Department of Fish and Wildlife (CDFW), and			
shall be of materials approved for aquatic use and conducted in			
accordance with a site-specific Revegetation/Restoration plan			
prepared in consultation with a County-approved biologist.			
Revegetation/restoration with local native plants shall be required			
obtained from seed and rootstock from the Mission Creek			
watershed, or, if not available, from within the South Coast (Gaviota			
to Rincon Creek) in order to protect local native plant genetics.			
<b>DevStd BIO-MC-8.3:</b> No structures shall be located within a stream			
corridor except (1) public trails that would not adversely affect			
existing habitat, (2) flood control projects where no other method			
for protecting existing habitable structures in the floodplain is			
feasible and where such protection is necessary for public safety or			
to protect existing habitable structures (existing habitable structures			
shall be as of the Community Plan adoption date), and (3) other			
development where the primary function is for the improvement of			
fish and wildlife habitat. Development within a stream corridor shall			

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
require a biological assessment prepared by a County-approved biologist with steelhead experience according to current County and/or CDFW guidelines and shall otherwise incorporate the best mitigation measures to minimize any negative impacts to the greatest extent.  DevStd BIO-MC-9.1: Development activity involving road construction, bridge construction, bridge replacement, streambank restoration, and/or culvert removal or installation that requires ground disturbance in or within 250 feet of ephemeral, intermittent, or perennial streams and creeks, and associated riparian vegetation shall require a biological assessment prepared by a County-approved biologist with steelhead experience according to current County and/or CDFW guidelines and shall be subject to all applicable permit requirements of the CDFW, the National Marine Fisheries Service, and the U.S. Army Corps of Engineers.  MM-BIO-4.3: Add fish passage measures to the final MCCP.  DevStd BIO-MC-9.3: Any modification (i.e., reconstruction of existing bridges or in-stream aprons) to existing (as of Community Plan adoption date) manmade barriers to fish passage (as identified in the Mission Canyon Community Plan Supplemental Biological Resources Assessment) shall include improvements to allow enhanced fish passage in accordance with all applicable permit requirements of the CDFW, the National Marine Fisheries Service, and the U.S. Army Corps of Engineers.	Santa Barbara County Board of Supervisors		P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
Action BIO-MC-9.4: The County should coordinate with the City of Santa Barbara and other appropriate entities to seek funding to prepare and implement plans to restore fish passage within the upstream reaches of Mission and Rattlesnake creeks.  Policy BIO-MC-10: Development proposals that include rezones, major conditional use permits, subdivisions, or development plans			

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
and that could have significant impacts on steelhead habitat shall			
require site-specific mitigation.			
MM-BIO-5.2: Require a mitigation and monitoring plan for projects	Santa Barbara	With adoption of	P&D is responsible for monitoring and
that affect special status species and nesting birds.	County Board of Supervisors	the Mission Canyon	implementing the policies and other provisions of the Mission Canyon Community Plan.
Policy BIO-MC-11: Development shall include other provisions to		Community Plan.	
minimize impacts to special status animals and nesting birds			P&D shall report upon the implementation of
protected under the Migratory Bird Treaty Act (MBTA).			the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
<b>DevStd BIO-MC-11.1</b> : When special status animal species are found			
on or near a site during biological review for projects, or if the			P&D compliance monitoring staff shall ensure
project may affect nesting birds protected under the MBTA, the			compliance on site during construction.
applicant shall submit to the County a mitigation and monitoring			
plan that details protections to be implemented for identified			
species during project construction and development. The plan shall			
include compensatory habitat mitigation, if applicable. The			
mitigation plan shall contain the following elements:			
<ul> <li>Pre-construction surveys (including nesting bird surveys);</li> </ul>			
<ul> <li>Project avoidance and/or minimization measures, including work window restrictions;</li> </ul>			
Methods to avoid individual species and allow them to leave			
the site on their own, along with exclusionary measures to			
prevent individual species from returning to the work area. If			
avoidance does not work, include a species removal and			
relocation plan in compliance with the federal Endangered			
Species Act and California Fish and Game Code for the handling			
and relocation of listed species;			
Worker environmental training;			
On-site biological monitoring;			
Habitat protective measures, such as buffer area fencing, spill			
prevention, sedimentation and erosion control measures, and			
trash containment guidelines;			

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
<ul> <li>Minimization measures to avoid the introduction and establishment of non-native species;</li> <li>Revegetation plans for temporary impacts to significant habitat areas using native species; and</li> <li>A compensatory mitigation (on- or off-site habitat preservation, enhancement, or creation) plan, if the County determines that significant habitat areas used by special status animal species will permanently be impacted.</li> </ul>			
MM-BIO-5.3: Include new action and development standard for protection of wildlife corridors.  DevStd BIO-MC-11.1: Development shall not interrupt major wildlife travel corridors and linkages. Typical wildlife corridors include, but are not limited to, riparian habitats, streams and floodplains, and unfragmented areas of grassland and oak woodland. If a wildlife corridor is identified in the Plan Area by a County-approved biologist during the biological review process, it shall be indicated on all development plans.  Action BIO-MC-11.2: Planning and Development should develop and maintain a database of known wildlife corridors in the Plan Area.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
MM-BIO-5.4: Include a new policy to address special status animal and plant species surveys and mitigation.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.
<b>Policy BIO-MC-11:</b> Where sensitive plant species and sensitive animal species are found pursuant to the review of a discretionary project, efforts shall be made to preserve the habitat in which they are located to the maximum extent feasible. For the purpose of this		Community Plan.	P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
policy, sensitive plant species are those species that are listed as endangered or threatened by the CDFW and the U.S. Fish and Wildlife Service (FWS), plants protected as rare under the Native Plant Protection Act, or those that appear on List 1B of the California Native Plant Society's Inventory of Endangered Vascular Plants of California. Additional species of local concern may be considered if the biological report indicates such is warranted. Sensitive animal species are those listed as endangered, threatened, or candidate species by the CDFW and the FWS, and those considered to be species of special concern by the CDFW pursuant to the most recent statewide list maintained by that agency.			P&D compliance monitoring staff shall ensure compliance on site during construction.
CULTURAL AND HISTORIC RESOURCES			
<b>MM-CR-1.1:</b> Incorporate proposed history and archaeology and visual resource policies, development standards, and actions (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
MM-CR-1.2: Revise development standards to improve treatment of historical resources.  DevStd HA-MC-1.1: A Phase I archaeological survey shall be performed when identified as necessary by a County archaeologist or contract archaeologist using the best available resources. The content, format, and length of the Phase I survey report shall be consistent with the size of the project and findings of the study. If archaeological remains are identified and cannot be avoided through project redesign, the applicant shall fund a Phase II study to determine the significance of the resource prior to issuance of any permit for development.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D planners shall receive study(s) for review and approval. P&D compliance monitoring staff shall ensure compliance on site during construction.
<b>DevStd HA-MC-1.2</b> : All proposed mitigation recommendations resulting from the Phase I or Phase II study, including completion of			

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
additional archaeological analyses (Phase III) and/or project redesign, shall be incorporated into any permit issued for development.  DevStd HA-MC-2.1: No permits shall be issued for any development or activity that would adversely affect the integrity of officially designated County Historic Landmarks and Places of Historic Merit, historical resources eligible for the California Register of Historic Resources, or identified historical districts unless a professional evaluation of the proposal has been performed pursuant to the County's most current regulations governing archaeological and historical projects. All such professional studies shall be reviewed and approved by Planning and Development and all feasible mitigation measures shall be incorporated into any permit issued for development.			
<ul> <li>MM-CR-1.3: Add policies to the final MCCP to protect cultural resources.</li> <li>Policy HA-MC-3: Traditional cultural, historical, and spiritual sites of concern to the Chumash Indians shall be protected and preserved to the maximum extent feasible.</li> <li>Policy HA-MC-3.1: The County, Chumash representatives, and community should work together to ensure appropriate tribal access to traditional cultural, historical, and spiritual sites while still respecting the rights and privileges of private property owners.</li> </ul>	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
FIRE PROTECTION			
<b>MM-FIRE-1.1:</b> Incorporate proposed land use and fire protection goals, policies, actions and development standards (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
<b>MM-FIRE-1.2:</b> Revise draft MCCP Action FIRE-MC-1.1 to provide more direction on the process for this action.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.
<ul> <li>Action FIRE-MC-1.1: The County shall consider a plan and adoption of a Resolution of Intention to fund additional fire prevention services to reduce the damage and severity of wildfires.         The plan shall specify the funding mechanism for the program by means of a Benefit Assessment District or Special Tax. If required, an Engineer's Report shall be prepared that contains a description of the improvements to be financed, the proposed district boundaries, and a description of the special benefit that each parcel would receive as a result of the assessment. Fire prevention services may include:         <ul> <li>Implementation of the goals outlined in the Mission Canyon Community Wildfire Protection Plan (i.e., reducing hazardous fuels on public and private lands, increase education and awareness, and improve and protect critical evacuation routes);</li> <li>Water infrastructure upgrades for firefighting purposes; and</li> <li>Actions to improve emergency ingress and egress.</li> </ul> </li> </ul>	Supervisors	Community Plan.	P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.
MM-FIRE-2.1: Incorporate proposed fire protection policies and development standards (or comparable language) from the draft MCCP into the final MCCP and implement proposed Land Use and Development Code amendments for additional findings regarding roadway evacuation.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan and adoption of amendments to the LUDC.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
MM-FIRE-2.2: Integrate Residential Parking Strategy policies, actions and development standard recommendations into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
Policy CIRC-MC-9: The County shall prohibit parking on roads where it could encroach into a 10-foot vehicle travel lane or interfere with emergency ingress or egress, Fire Department access to fire fighting facilities, and safe pedestrian passage as determined by County Public Works or the Fire Department, in accordance with the California Vehicle Code. The County shall delineate the outside perimeter of travel lanes by a white stripe (fog line). Parking shall be allowed to the right of the fog line provided it does not interfere with adequate sight distance and safe pedestrian passage. Parking areas in the County road right-of-way shall not be reserved and/or posted for the sole use of the adjacent property owner and shall not be used for long term parking of boats, trailers, or recreational vehicles.			P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
Action CIRC-MC-9.1: The County shall seek funding to paint and maintain fog line striping on public roads in Mission Canyon where appropriate to implement Policy CIRC-MC-9. Public outreach will be conducted prior to new fog line striping to seek public input on road striping placement. The County shall coordinate timing and implementation of new road striping with the California Highway Patrol to ensure public awareness of California Vehicle Code enforcement.			
Policy CIRC-MC-10: Encroachment of fences, walls, landscaping, and other structures into public road ROW shall be subject to an encroachment permit and Santa Barbara County Public Works encroachment permit policies. Board of Architectural Review (BAR) approval shall be required for any encroachment proposed as part of a project that otherwise also requires a planning permit.			
<b>DevStd CIRC-MC-10.1:</b> All new landscaping and hardscape within and immediately adjacent to the ROW shall be consistent with the continued use and availability of the ROW for its eventual intended use. No landscaping or hardscape shall be planted or constructed			

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
within the ROW without an encroachment permit.  DevStd CIRC-MC-10.2: All new residential development on parcels located along State Route 192 that have or could include fixed objects within the state ROW shall be forwarded to Caltrans for comment prior to BAR review.  Policy PDR-MC-2: During reconstruction of damaged and destroyed structures, the County shall require removal of encroachments in the public right-of-way (e.g., remove encroachments such as walls, fences, and landscaping) along key ingress and egress roads (Mission Canyon, Tunnel, Cheltenham, and Tye Roads), unless an encroachment permit is obtained. Regained rights-of-way shall be for the purpose of providing adequate sight distance, creating a		implementeu	
clear zone to provide pull over spaces in emergencies, and to ensure access and safety for pedestrians and bicyclists.			
MM-FIRE-2.3: Revise draft MCCP circulation action and policy to consider emergency turnout zones at critical locations to allow additional evacuation traffic capacity.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.
Action CIRC-MC-1.2: The County shall coordinate with Caltrans to ensure improvements along State Route 192/Foothill Road are developed in a manner consistent with bicycle and pedestrian safety. Roadway shoulder improvements shall, whenever feasible, be designed to provide emergency turnout zones and improved pedestrian and bicycle access.			P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
Policy CIRC-MC-3: The County shall coordinate with the City of Santa Barbara to seek grants and other funding sources to design and implement a plan to improve multimodal access and safety for residents and visitors traveling between Mission Santa Barbara, Rocky Nook Park, Santa Barbara Museum of Natural History, and local schools and neighborhoods within and adjacent to the City/County boundary at Mission Canyon Road, in accordance with			

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
<ul> <li>the streetscape plan for the Scenic Corridor (see Action VIS-MC-3.2).</li> <li>Improvement plans for this roadway shall include, but not be limited to, an evaluation of the following issue areas:</li> <li>Traffic patterns and on-street parking generated by special events at Mission Santa Barbara, the Santa Barbara Museum of Natural History and the Santa Barbara Woman's Club;</li> <li>Unpermitted encroachments into the public road ROW;</li> <li>Dual purpose pedestrian trails/emergency vehicle turnout zones in appropriate locations, including the southbound</li> </ul>		implemented	
segment of Mission Canyon Road and Los Olivos Street for use in an emergency evacuation with the aid of traffic control;  Improvements to the Mission Creek bridge; and Historical resources evaluation by the City and County Historic Landmarks Commission/Committee.  MM-FIRE-2.4: Recommend implementation of Optimized Traffic	Unified	Recommended	This mitigation measure is recommended as
Control Plan during an evacuation.  This plan is intended to provide a "menu" for the Unified Command Team to choose from and combine when responding to fire evacuation scenarios, depending on the timing and location of a fire,	Command Team (e.g., County Fire, Law Enforcement, Public Works)	during an evacuation.	partial mitigation for a Class I impact to emergency ingress and egress. MM-FIRE-2.4 is not required to mitigate impacts to less than significant level and is not incorporated as policy into the MCCP. There is no feasible way
the weather conditions, and the traffic control equipment and staff resources that could be provided jointly by the County, Caltrans, and the City of Santa Barbara. Implementation of the traffic control plan would require coordination of the state, County and City law enforcement team, Caltrans, and both County and City Public Works and Traffic Divisions.			to monitor its implementation.
MM-FIRE-2.5: Recommend development of new or alternate access	Private	Recommended	This mitigation measure is recommended as
routes.	landowners, City	on-going	partial mitigation for a Class I impact to
Detection of advantages and the state of the	of Santa	measure.	emergency ingress and egress. MM-FIRE-2.5 is
Potential extension of private roadways to allow secondary	Barbara, Santa		not required to mitigate impacts to less than
alternative access could be considered for upper Mission Canyon if	Barbara County.		significant level and is not incorporated as

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
feasible. For example, extension of Holly Road to connect to San Roque Road may be beneficial for fire protection planning and may improve the evacuation travel time for upper Mission Canyon area and relieve the traffic congestion on Mission Canyon Road. Any such proposal would need to be coordinated with private landowners and the City of Santa Barbara.			policy into the MCCP. There is no feasible way to monitor its implementation.
<ul> <li>MM-FIRE-2.6: Revise draft MCCP Policy FIRE-MC-4 to require a Fire Protection Plan as part of the conditions of approval for Conditional Use Permits that include special events.</li> <li>Policy FIRE-MC-4: Conditional uses, including new construction and increases in intensity of use, shall not significantly contribute, individually or cumulatively, to the existing deficiency in roadway evacuation capacity from the Mission Canyon Plan Area. For new, amended, or revised Conditional Use Permits that include temporary events, the County shall consider the following measures as part of the required Fire Protection Plan in the conditions of approval:         <ul> <li>Annual special event calendar coordination between institutional uses within and adjacent to the Plan Area;</li> <li>A traffic management program for all events that have the potential to exceed the existing supply of visitor parking spaces. Offsite parking for temporary events shall not occur on adjacent residential streets and parking for shuttle buses shall occur outside the Plan Area; and</li> <li>A maximum attendance number for any single event during the</li> </ul> </li> </ul>	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D planning staff shall receive plan(s) for review and approval prior to approval of a Conditional Use Permit.
County Fire Department declared High Fire Season.  MM-FIRE-3: Ensure that fire flow infrastructure meets minimum standards for new development.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.
A new development standard is proposed to clarify that new projects must be served by fire hydrants that meet minimum flow and pressure requirements.	- Super 413013	Community Plan.	P&D shall report upon the implementation of the MCCP as part of the County's

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
DevStd FIRE-MC-2.3: Development shall comply with the County Fire Department's development standards for fire hydrant spacing and flow rates.  Action FIRE-MC-1.1: As stated earlier in MM-FIRE-1.2.  GEOLOGIC PROCESSES			Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
MM-GEO-1: Incorporate proposed geologic hazard policies and development standards (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
MM-GEO-2: Incorporate proposed hillside and watershed protection policies (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
PUBLIC FACILITIES			
<b>MM-PF-1:</b> Incorporate proposed waste reduction goal, policy, and development standard (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
			the MCCP as part of the County's
			Comprehensive Plan Annual Progress Report.
			P&D compliance monitoring staff shall ensure
			compliance on site during construction.
MM-PF-4.2: Incorporate proposed wastewater goal, policy,	Santa Barbara	With adoption of	P&D is responsible for monitoring and
development standards, and action (or comparable language) from	County Board of	the Mission	implementing the policies and other provisions
the draft MCCP into the final MCCP.	Supervisors	Canyon Community Plan.	of the Mission Canyon Community Plan.
			P&D shall report upon the implementation of
			the MCCP as part of the County's
			Comprehensive Plan Annual Progress Report.
			P&D compliance monitoring staff shall ensure
			compliance on site during construction.
TRAFFIC AND CIRCULATION			
MM-TC-1: Monitor and plan for traffic flow improvements on	Santa Barbara	With adoption of	P&D is responsible for monitoring and
Mission Canyon Road south of Foothill Road.	County Board of	the Mission	implementing the policies and other provisions
A C CIDCAGO A TI C	Supervisors	Canyon	of the Mission Canyon Community Plan.
Action CIRC-MC-8.1: The County shall regularly monitor traffic		Community Plan.	
volumes on Mission Canyon Road between Foothill Road and			P&D shall report upon the implementation of
Mountain Drive. If average daily traffic volumes approach Level of			the MCCP as part of the County's
Service D (80% of Design Capacity) and if the unsignalized intersections approach LOS D in this segment (V/C 0.81 or lower),			Comprehensive Plan Annual Progress Report.
the County shall prepare a plan for design changes, spot widening,			
intersection improvements, or other measures to improve traffic			
flow. Improvement plans for this roadway shall consider the historic			
and scenic value of this roadway and design features to			
accommodate higher traffic volumes generated by temporary			
events at the Santa Barbara Museum of Natural History and the			
Santa Barbara Woman's Club.			
MM-TC-2: Consider signal control at Intersection #6 Mission Canyon	Santa Barbara	With adoption of	P&D is responsible for monitoring and
Road (south)/E Los Olivos Street & Mountain Drive (additions	County Board of	the Mission	implementing the policies and other provisions
underlined):	Supervisors	Canyon	of the Mission Canyon Community Plan.

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
Action CIRC-MC-4.1: The County shall coordinate with the City of Santa Barbara to monitor the intersection of Mission Canyon Road and Mountain Drive. If the intersection exceeds acceptable County and City LOS thresholds for unsignalized intersections, the County and City shall conduct a Traffic Signal Warrant Analysis. Before a traffic signal is approved, the County and City shall consider alternatives to traffic signal control and conduct public workshops, consistent with Policy CIRC-MC-4. Due to the proximity of this intersection to the Mission Canyon Scenic Corridor and the City's El Pueblo Viejo Landmark District, a proposed traffic signal should be reviewed by the County Historic Landmarks Advisory Commission and City Historic Landmarks Commission. If a traffic signal is approved by the City and County of Santa Barbara, the County shall enter into an agreement with the City to fund its fair share cost of the intersection signal design and installation.  MM-TC-3: Incorporate proposed residential parking action that amends the LUDC to increase required on-site parking spaces (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan and adoption of	P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of
		amendments to the LUDC.	the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
WATER RESOURCES, DRAINAGE, AND FLOODING			
MM-WR-1.1: Incorporate proposed flood hazard policy (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
			P&D compliance monitoring staff shall ensure compliance on site during construction.
MM-WR-1.2: Add additional development standard for flood hazards.  DevStd FLD-MC-1.1: Development shall not be allowed within floodways except in conformance with Chapters 15A and 15B of the County Code, other applicable statutes or ordinances, and applicable other provisions of the Comprehensive Plan, including but not limited to policies regarding biological resources and public safety.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure
MM-WR-2.1: Incorporate proposed erosion control policy and development standards (or comparable language) from the draft MCCP into the final MCCP.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	compliance on site during construction.  P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
MM-WR-2.2: Revise flooding and drainage policy and development standards. Proposed MCCP Policy FLD-MC-2 and Development Standards FLD-MC-2.1 and FLD-MC-2.2 in the draft plan shall be combined and revised as follows:  Policy FLD-MC-2: Erosion of soils and movement of sediment into natural and manmade drainages shall be minimized during construction activities.  DevStd FLD-MC-2.1: An Erosion and Sediment Control Plan (ESCP) shall be submitted with any application for development. The ESCP shall show best management practices designed to avoid or	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon Community Plan.	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.  P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
minimize construction impacts and hazards including but not limited to erosion, landslides, and soil creep.			
<ul> <li>Appropriate erosion control measures include:</li> <li>Off-site diversion of stormwater around disturbed areas;</li> <li>Geotextile and mats;</li> <li>On steeper slopes, temporary pipe drains to direct surface runoff or groundwater into a stabilized watercourse or stabilized area away from slope areas to protect cut or fill slopes; and</li> <li>Streambank stabilization.</li> </ul>			
<ul> <li>Appropriate sediment control measures include:</li> <li>Silt fencing (installed per manufacturers specification); and</li> <li>Check dams, fiber rolls, gravel bag berms, sandbag barriers, and straw bales.</li> </ul>			
Straw bales shall only be used as a linear sediment control structure to pond sheet flow runoff from slopes less than 10%, to allow sediment to settle out. Sediment control measures shall not be used for an extended time.			
Other non-structural measures such as scheduling of operations, protected staging area, preservation of existing vegetation, sweeping/vacuuming streets, will also be shown in the ESCP. Additional non-stormwater and material management best management practices will be identified to prevent impacts associated with dewatering, paving, cutting and grinding, and using concrete, plaster, and paint. The ESCP shall be reviewed and approved by Planning and Development.			
MM-WR-3.2: Add a new policy and development standard to establish Low Impact Development measures for all new development in Mission Canyon.	Santa Barbara County Board of Supervisors	With adoption of the Mission Canyon	P&D is responsible for monitoring and implementing the policies and other provisions of the Mission Canyon Community Plan.

Mitigation Measure	Implemented by	When Implemented	Monitoring or Reporting Action
Policy FLD-MC-3: Impacts to the Mission Creek watershed from development shall be minimized through site design and onsite management of stormwater to the maximum extent practicable.  DevStd FLD-MC-3.1: New development that creates and/or replaces 500 to 2,500 square feet of impervious surface (collectively over the entire project site) shall require Low Impact Development (LID) measures. Such development shall be conditioned to require implementation of a minimum of one measure from each LID group listed below, identified on site plans or otherwise described in the application. If a geotechnical or civil engineering hydraulic report determines significant site specific risks that could render individual LID measures technically infeasible, then the report shall develop feasible alternatives to reduce, capture and/or treat stormwater runoff.		Community Plan.	P&D shall report upon the implementation of the MCCP as part of the County's Comprehensive Plan Annual Progress Report.  P&D compliance monitoring staff shall ensure compliance on site during construction.
<ul> <li>Group 1: Site Design/Setting. Reduce overall disturbance by conserving and protecting natural areas, drainages, topsoils, and vegetation and minimizing overall impervious area.         Measures include: maintaining, restoring, and utilizing natural drainage flowpaths, lot layout, parking, clustering structures, avoiding removal of existing trees and vegetation, and onsite stormwater reuse. Delineating a development envelope to reduce compaction of highly infiltrative soils and limiting clearing and grading activities to the delineated development envelope is also an acceptable measure for Group 1.</li> <li>Group 2: Disconnect Impervious Surfaces and Utilize Pervious Areas. Safely distribute runoff from impervious surfaces (e.g., roof downspouts, driveways, roads) to a variety of onsite pervious areas (e.g., open space, landscape, permeable pavement). Measures include: redirect roof runoff to pervious area such as a swale or landscaping, vegetated filter strips,</li> </ul>			

Mitigation Measure	Implemented by	When	Monitoring or Reporting Action
		Implemented	
planter boxes, foundation plantings, and driveways and			
pathways designed to direct runoff to landscaping.			
Crown 2. Data Walking / Duration Claw and radius runoff using			
Group 3: Rate/Volume/Duration. Slow and reduce runoff using			
infiltration, evapotranspiration, detention, and/or rainwater			
reuse. Measures include: infiltration basins, trenches, and/or			
drywells, vegetated swales, bioretention (landscaped			
depressions to capture and temporarily store stormwater			
runoff), buffer strips, elevated or ground level planter boxes,			
vegetated roofs, amended soils, deep-rooted large trees,			
permeable paving with storage/infiltration area, and			
cisterns/rain barrels.			