

City of Santa Ana Washington Avenue Well Project

MITIGATION MONITORING AND REPORTING PROGRAM

Prepared For:

**City of Santa Ana
Public Works Agency**

220 S. Daisy Avenue
Santa Ana, California 92703

Contact: Armando Fernandez, Senior Civil Engineer, P.E.

714.647.3316

MITIGATION MONITORING AND REPORTING PROGRAM

Public Resources Code, Section 21081.6 (Assembly Bill 3180) requires that mitigation measures identified in environmental review documents prepared in accordance with California Environmental Quality Act (CEQA) are implemented after a project is approved. Therefore, this Mitigation Monitoring and Reporting Program (MMRP) has been prepared to ensure compliance with the adopted mitigation measures during the City of Santa Ana Washington Avenue Well Project (Project). The City of Santa Ana Public Works Agency is the agency responsible for implementation of the mitigation measures identified in the Initial Study/Mitigated Negative Declaration.

This MMRP provides the City of Santa Ana Public Works Agency with a convenient mechanism for quickly reviewing all the mitigation measures including the ability to focus on select information such as timing. The MMRP includes the following information for each mitigation measure:

- The phase of the project during which the required mitigation measure must be implemented;
- The phase of the project during which the required mitigation measure must be monitored; and
- The monitoring agency.

The MMRP includes a checklist to be used during the mitigation monitoring period. The checklist will verify the name of the monitor, the date of the monitoring activity, and any related remarks for each mitigation measure.

MITIGATION MONITORING AND REPORTING PROGRAM					
Mitigation Measure	Implementation Phase	Monitoring Phase	Monitoring Agency	Compliance Verification	
				Initial	Date
<p>BIO-1: Nesting Birds – Project activities that will remove or disturb potential nest sites will be scheduled outside the breeding bird season. The breeding bird nesting season typically extends from February 15 through September 15.</p> <p>If Project activities cannot be avoided during February 15 through September 15, a qualified biologist will conduct a pre-construction breeding bird survey for breeding birds and active nests or potential nesting sites within the limits of Project disturbance. The survey will be conducted at least seven days prior to the onset of scheduled activities, such as mobilization and staging. It will end no more than three days prior to vegetation, substrate, and structure removal and/or disturbance.</p> <p>If no breeding birds or active nests are observed during the pre-construction survey or they are observed and will not be impacted, Project activities may begin, and no further mitigation will be required.</p>	Pre-Construction, Construction	Pre-Construction, Construction	City of Santa Ana		

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<p>If a breeding bird territory or an active bird nest is located during the pre-construction survey and will potentially be impacted, the site will be mapped on engineering drawings and a no activity buffer zone will be marked (fencing, stakes, flagging, orange snow fencing, etc.) a minimum of 100 feet in all directions or 500 feet in all directions for listed bird species and all raptors. The biologist will determine the appropriate buffer size based on the type of activities planned near the nest and the type of bird that created the nest. Some bird species are more tolerant than others of noise and activities occurring near their nest. This no-activity buffer zone will not be disturbed until a qualified biologist has determined that the nest is inactive, the young have fledged, the young are no longer being fed by the parents, the young have left the area, or the young will no longer be impacted by Project activities. Periodic monitoring by a biologist will be performed to determine when nesting is complete. Once the nesting cycle has finished, Project activities may begin within the buffer zone.</p> <p>If listed bird species are observed within the Project site during the pre-construction survey, the biologist will immediately map the area and notify the appropriate resource agency to determine suitable protection measures and/or mitigation measures and to determine if additional surveys or focused protocol surveys are necessary. Project activities may begin within the area only when concurrence is received from the appropriate resource agency.</p> <p>Birds or their active nests will not be disturbed, captured, handled or moved. Active nests cannot be removed or disturbed; however, nests can be removed or disturbed if determined inactive by a qualified biologist.</p>					
<p>CUL-1: Worker Environmental Awareness Training: Prior to any proposed construction ground disturbing activities within the Project Area, Project personnel (e.g. contractors, construction workers) will be briefed by a qualified archaeologist (retained on-call by applicant) about the potential and procedures for an inadvertent discovery of prehistoric and historic archaeological resources. In addition, the training will include established procedures for temporarily halting or redirecting work in the event of a discovery, identification and evaluation procedures for finds, and a discussion on the importance of, and the legal</p>	Pre-Construction; Construction	Pre-Construction; Construction	City of Santa Ana		

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Mitigation Measure	Implementation Phase	Monitoring Phase	Monitoring Agency	Compliance Verification	
				Initial	Date
basis for, the protection of archaeological resources. Personnel will be given a training brochure/handout regarding identification of cultural resources, protocols for inadvertent discoveries, and contact procedures in the event of a discovery.					
CUL 2: <i>Inadvertent Discovery of Archaeological Resources:</i> If the construction staff or others observe previously unidentified archaeological resources during ground disturbing activities, they will halt work within a 100-foot radius of the find(s), delineate the area of the find with flagging tape or rope (may also include dirt spoils from the find area), and immediately notify a qualified archaeologist (retained on-call by applicant). Construction will halt within the flagged or roped-off area. The archaeologist will assess the resource as soon as possible and determine appropriate next steps. Such finds will be formally recorded and evaluated. The resource will be protected from further disturbance or looting pending evaluation.	Construction	Construction	City of Santa Ana		
GEO-1: <i>Inadvertent Discoveries of Paleontological Resources</i> — If the construction staff or others observe previously unidentified paleontological resources during ground disturbing activities, they will halt work within a 200-foot radius of the find(s), delineate the area of the find with flagging tape or rope (may also include dirt spoils from the find area), and immediately notify a qualified Paleontologist. Construction will halt within the flagged or roped-off area. The Paleontologist will assess the resource as soon as possible and determine appropriate next steps in coordination with the City. Such finds will be formally recorded and evaluated. The resource will be protected from further disturbance or looting pending evaluation.	Construction	Construction	City of Santa Ana		
NOISE-1: Prior to the start of Phase 1 well drilling and construction activities, the contractor for the proposed Project shall preform one of the following actions to reduce the construction-related noise impacts: <ul style="list-style-type: none"> • Construct a temporary 8-foot high wall along the west and south property Lines. The temporary wall must be constructed with minimum 5/8-inch plywood or oriented strand board and shall be maintained until completion of the grading phase; or 	Construction	Construction	City of Santa Ana		

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<ul style="list-style-type: none">Construct the proposed 8-foot high perimeter wall on the west and south property lines that is detailed in the Project description and proposed site plan.					