Table A: Mitigation and Monitoring Reporting Program

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
Air Quality		
Project Design Feature AQ-1 • The construction contractor shall select the construction equipment used on site based on low-emission factors and high-energy efficiency. The construction contractor shall ensure that construction grading plans include a statement that all construction equipment will be tuned and maintained in accordance with the manufacturer's specifications. • The construction contractor shall utilize electric or diesel-powered equipment in lieu of gasoline-powered engines where feasible. • The construction contractor shall ensure that construction grading plans include a statement that work crews will shut off equipment when not in use. • The construction contractor shall time the construction activities so as not to interfere with peak-hour traffic and to minimize obstruction of through traffic lanes adjacent to the site; if necessary, a flagperson shall be retained to maintain safety adjacent to existing roadways. • The construction contractor shall support and encourage ridesharing and transit incentives for the construction crew. • Portions of the construction site to remain inactive longer than a period of three months shall be seeded and watered until grass cover is grown. • All active portions of the construction site shall be watered to prevent excessive amounts of dust. • The on-site vehicle speed shall be limited to 15 miles per hour (mph). • All material excavated or graded shall be sufficiently watered to prevent excessive amounts of dust. Watering, with complete coverage, shall occur at least twice daily, preferably in the late morning and after work is done for the day.	22nd DAA/ Construction Contractor	Prior to issuance of a notice to proceed, and ongoing during construction

Exhibit B

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Mitigation Measures	Responsible Party	Timing for Mitigation Measure
• All clearing, grading, earthmoving, or excavation activities shall cease during periods of high winds (i.e., greater than 25 mph averaged over one hour). • All material transported off site shall be either sufficiently watered or securely covered to prevent excessive amounts of dust. • The area disturbed by clearing, grading, earth moving, or excavation operations shall be minimized at all times.		
Biological Resources		
Mitigation Measure 3.4-1 Prior to issuance of a notice to proceed, the California Construction Authority shall review and approve a frac-out contingency plan that addresses the potential for a frac-out during project construction activities. As indicated in the Del Mar Fairgrounds Force Main Relocation Horizontal Directional Drilling Emergency Spill and Frac Out Response Specifications, the contingency plan shall include, at a minimum, the following components: • Drilling plans and procedures shall be developed to prevent/minimize the potential for inadvertent surface returns. • Drilling pressure and mud loss shall be continuously monitored. • A vacuum truck and/or vacuum system shall be located at both the entry and exit points of the work sites at all times during the drilling and pullback operations to quickly respond, contain and clean up any spills or inadvertent returns that may occur. • In general, drilling will not be stopped due to loss of annular circulation of drilling fluids or inadvertent returns unless the returns pose a threat to public health and safety or unless directed by the City of Del Mar or the 22nd DAA. • Surface returns on land shall be immediately contained with placed barriers (hay bales, fiber rolls, silt fences, etc.) and/or small collection sumps. If the amount of surface return exceeds that which can be contained and collected using the devices listed above, drilling operations shall be suspended until surface return volumes can be brought under control.	22nd DAA/ California Construction Authority/ Construction Contractor	Prior to issuance of a Notice to Proceed

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
• Visual monitoring of the San Dieguito River shall take place during drilling and pullback operations. If surface returns are observed in the waters of the channel, the contractor shall immediately take containment actions and notify the owner's representative who shall in turn notify the appropriate authorities. The exact containment method to be used shall be specified in the contingency plan and approved by both the City of Del Mar and the 22nd DAA.		
Cultural Resources		
Mitigation Measure 3.5-1a Within the City of Del Mar Public Works yard: Prior to the issuance of an Encroachment Permit by the City of Del Mar, the 22nd DAA shall provide written evidence to the Public Works Director of the City of Del Mar that a qualified archaeologist, with experience in geomorphology, has been retained to observe grading activities within intact native sediment and conduct salvage excavation of archaeological resources as necessary. The archaeologist shall be present at the pre-grading conference, shall establish procedures for archaeological resources surveillance, and shall establish procedures for temporarily halting or redirecting work to permit the sampling, identification, and evaluation of the artifacts as appropriate. If additional or unexpected archaeological features are discovered, the archaeologist shall report such findings to the 22nd DAA and to the Public Works Department of the City of Del Mar. If the archaeological resources are found to be significant, the archaeological observer shall determine appropriate actions, in cooperation with the applicant, for exploration and/or salvage. These specific measures may include but are not limited to any of the measures set forth in California Public Resources Code, Section 21083.2(i); monitored excavations; permanent curation, in accordance with the State Historical Resource Commission's *Guidelines for the Curation of Archaeological Collections,* dated May 7, 1993; and the preparation, identification, and permanent preservation of recovered specimens. These actions, as well as final mitigation and disposition of the resources, shall be subject to the approval of the Public Works Director.	22nd DAA/ Consulting Archaeologist	Prior to issuance of an Encroachment Permit by the City of Del Mar

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
Mitigation Measure 3.5-1b Within the Fairgrounds property: Prior to the issuance of a notice to proceed to the California Construction Authority, the 22nd DAA shall provide written evidence that a qualified archaeologist with experience in geomorphology, has been retained to observe excavation activities within intact native sediment and conduct salvage excavation of archaeological resources as necessary. The archaeologist shall be present at the pre-construction conference, shall establish procedures for archaeological resources surveillance, and shall establish procedures for temporarily halting or redirecting work to permit the sampling, identification, and evaluation of the artifacts as appropriate. If additional or unexpected archaeological features are discovered, the archaeologist shall report such findings to the California Construction Authority and the 22nd DAA. If the archaeological resources are found to be significant, the archaeological observer shall determine appropriate actions, in cooperation with the applicant, for exploration and/or salvage. These specific measures may include but are not limited to any of the measures set forth in California Public Resources Code, Section 21083.2(i); monitored excavations; permanent curation, in accordance with the State Historical Resource Commission's *Guidelines for the Curation of Archaeological Collections,* dated May 7, 1993; and the preparation, identification, and permanent preservation of recovered specimens. These actions, as well as final mitigation and disposition of the resources, shall be subject to the approval of the 22nd DAA.	22nd DAA/ Consulting Archaeologist	Prior to issuance of a Notice to Proceed
Mitigation Measure 3.5-2a Within the Fairgrounds property: prior to issuance of a notice to proceed to the California Construction Authority, the 22nd DAA shall provide written evidence that a qualified paleontologist has been retained. The letter shall state that the 22nd DAA has retained this consultant, that the consultant shall be present at the pre-construction conference, that the consultant would monitor all excavation and other significant ground-disturbing activities that may encounter the Delmar Formation or deeply buried Pleistocene alluvial sediments on a full-time basis for paleontological resources, and the consultant shall provide on-call services in the event that resources are discovered at shallower depths. The consultant shall be selected from the list of qualified paleontologists maintained by the County of San Diego. Should any paleontological resources be discovered when a paleontological monitor is not on site, no further	22nd DAA/ Consulting Paleontologist	Prior to issuance of a Notice to Proceed

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
grading shall occur in the area of the discovery until a qualified paleontologist has been contacted to assess the find for significance. If the find is determined to be significant, and also when the excavation reaches sensitive sediments (named above), specific mitigation measures would be required but not limited to full-time monitoring of earthmoving activities; specimen recovery and screen washing; preparation of any collected specimens to the point of identification; identification of specimens to the lowest taxonomic level possible; curation of any collected specimens into a museum repository with permanent, retrievable storage; and preparation of a final compliance report that would provide details of monitoring, fossil identification, cataloging, and repository arrangements.		
Mitigation Measure 3.5-2b Within the City of Del Mar Public Works yard: Prior to issuance of an encroachment permit by the City of Del Mar, the 22nd DAA shall provide written evidence that a qualified paleontologist has been retained. The letter shall state that the 22nd DAA has retained this consultant, that the consultant shall be present at the pre-construction conference, that the consultant would monitor all excavation and other significant ground-disturbing activities that may encounter the Delmar Formation or deeply buried Pleistocene alluvial sediments on a full-time basis for paleontological resources, and the consultant shall provide on-call services in the event that resources are discovered at shallower depths. The consultant shall be selected from the list of qualified paleontologists maintained by the County of San Diego. Should any paleontological resources be discovered when a paleontological monitor is not on site, no further grading shall occur in the area of the discovery until a qualified paleontologist has been contacted to assess the find for significance. If the find is determined to be significant, and also when the excavation reaches sensitive sediments (named above), specific mitigation measures would be required but not limited to full-time monitoring of earthmoving activities; specimen recovery and screen washing; preparation of any collected specimens to the point of identification; identification of specimens to the lowest taxonomic level possible; curation of any collected specimens into a museum repository with permanent, retrievable storage; and preparation of a final compliance report that would provide details of monitoring, fossil identification, cataloging, and repository arrangements.	22nd DAA/ Consulting Paleontologist	Prior to issuance of an encroachment permit by the City of Del Mar

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
Mitigation Measure 3.5-3 In the event of the accidental discovery or recognition of any human remains in any location other than a dedicated cemetery, the following steps shall be taken: a. There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until the San Diego County Coroner is contacted to determine whether the remains are prehistoric and that no investigation of the cause of death is required. If the coroner determines the remains to be Native American, then the coroner shall contact the Native American Heritage Commission (NAHC) within 24 hours, and the NAHC shall identify the person or persons it believes to be the Most Likely Descendant (MLD) from the deceased Native American. The MLD may make recommendations to the landowner or the person responsible for the excavation work for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98, or b. Where the following conditions occur, the landowner or his/her authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity either in accordance with the recommendations of the most likely descendant or on the property in a location not subject to further subsurface disturbance: 1. The NAHC is unable to identify an MLD, or the MLD failed to make a recommendation within 48 hours after being notified by the commission. 2. The identified MLD fails to make a recommendation. 3. The landowner or his/her authorized representative rejects the recommendation of the MLD, and mediation by the NAHC fails to provide measures acceptable to the landowner.	22nd DAA/ Construction Contractor/San Diego County Coroner	Upon discovery of any human remains
Geology and Soils		
Project Design Feature GS-1 • Soil stockpiles and exposed (graded) slopes will be covered with a temporary fabric	22nd DAA/ Construction	During construction activity

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
and a linear sediment berm (refer to Figure 2-4). • Drainage control devices including fiber rolls or similar device will be constructed to direct surface water runoff away from slopes and other graded areas and the San Dieguito River. • Temporary sedimentation/desilting basins will be constructed, if and where necessary between graded areas and natural runoff courses to minimize downstream sediment influx during grading. • Disturbed slopes will be minimized to reduce disturbance to existing vegetation and slopes. • A fiber roll or other drainage control device will be placed around construction areas to protect natural drainage channels from sedimentation. • Construction activities including open trenching and/or excavating during periods of inclement weather will be minimized. • Adherence to the details, notes and specifications of both the Construction BMP Plan and the Erosion Control Plan.	Contractor	
Hazards and Hazardous Materials		
Mitigation Measure 3.7-1 Prior to issuance of a notice to proceed, the California Construction Authority shall review and approve a contingency plan that addresses the potential to encounter on-site unknown hazards or hazardous substances during construction activities at the Fairgrounds. The plan shall indicate that if construction workers encounter underground tanks, gases, odors, uncontained spills, or other unidentified substances, the contractor shall stop work, cordon off the affected area, and notify the County of San Diego Department of Environmental Health (DEH). The DEH responder shall determine the next steps regarding possible site evacuation, sampling, and disposal of the substance consistent with local, State, and federal regulations.	22nd DAA/ California Construction Authority/ Construction Contractor	Prior to issuance of a Notice to Proceed

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
Hydrology and Water Quality		
Project Design Features HWQ-1 As identified in the erosion control plan (refer to Figure 2-4), BMPs shall be incorporated into the project including the use of fiber rolls, fabric covering of stockpiles and linear sediment barriers, and the directing of construction area drainage away from the San Dieguito River. Direction of construction drainage would occur through the use of fiber rolls or similar devices along the entire construction and staging areas within the Public Works yard and along the east, west, and southern edges of the construction and staging areas within the Fairgrounds to minimize sediment transport. Upon project completion, disturbed areas will be returned to their pre-construction condition. In addition, the proposed project would incorporate as a project design feature a Construction BMP Plan (Attachment F). The Construction BMP Plan identifies the best management practices to be utilized to reduce the sediment loading into receiving water bodies that could occur during construction and operation of the proposed project. The plan calls out specific BMPs to be used for erosion control; sediment control; wind erosion control; non-stormwater management including dewatering, paving and grinding, and vehicle and equipment maintenance; waste and materials management. The Plan also identifies responsible parties, and the methods to be used for monitoring, reporting, and record keeping. The inclusion and adherence to the Construction BMP Plan would further ensure that impacts to water quality would be less than significant. The selected construction contractor would be required to adhere to the details, notes and specifications of both the Construction BMP Plan and the Erosion Control Plan. To help ensure that drilling operations would not result in the striking of the existing forcemain and the accidental release of wastewater, the project would incorporate the following project design features: • Drilling activities shall be scheduled during times when activities on the Fairgrounds are light, as feasible. • Prior to the start of drilling activities, the existing pump station shall be shut down.	22nd DAA/ Construction Contractor	During construction activity

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
The existing pipeline shall be flushed with clean water. A visual inspection would occur within the Del Mar Public Works yard to ensure that the existing pipeline has been adequate flushed/cleaned. • In coordination with the Chief of Plant Operations, drilling would be stopped at appropriate intervals to allow for the transport of wastewater from the Fairgrounds to the Public Works yard. Prior to the re-starting of drilling, the pump station would be shut down and the existing pipeline would be flushed out again.		
Mitigation Measure 3.8-1 Prior to issuance of a notice to proceed, the California Construction Authority shall review and approve a frac-out contingency plan that addresses the potential for a frac-out during project construction activities. As indicated in the Del Mar Fairgrounds Force Main Relocation Horizontal Directional Drilling Emergency Spill and Frac Out Response Specifications, the contingency plan shall include, at a minimum, the following components: • Drilling plans and procedures shall be developed to prevent/minimize the potential for inadvertent surface returns. • Drilling pressure and mud loss shall be continuously monitored. • A vacuum truck and/or vacuum system shall be located at both the entry and exit points of the work sites at all times during the drilling and pullback operations to quickly respond, contain and clean up any spills or inadvertent returns that may occur. • In general, drilling will not be stopped due to loss of annular circulation of drilling fluids or inadvertent returns unless the returns pose a threat to public health and safety or unless directed by the City of Del Mar or the 22nd DAA. • Surface returns on land shall be immediately contained with placed barriers (hay bales, fiber rolls, silt fences, etc.) and/or small collection sumps. If the amount of surface return exceeds that which can be contained and collected using the devices listed above, drilling operations shall be suspended until surface return volumes can be brought under control.	22nd DAA/ California Construction Authority	Prior to issuance of a Notice to Proceed

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
• Visual monitoring of the San Dieguito River shall take place during drilling and pullback operations. If surface returns are observed in the waters of the channel, the contractor shall immediately take containment actions and notify the owner's representative who shall in turn notify the appropriate authorities. The exact containment method to be used shall be specified in the contingency plan and approved by both the City of Del Mar and the 22nd DAA.		
Noise		
Project Design Features N-1 • All construction vehicles or equipment operated within 1,000 feet of a dwelling unit or noise sensitive use shall be equipped with properly operating and maintained mufflers. • Stockpiling and/or staging areas during construction shall be located as far as practical from dwelling units and other noise sensitive receptors.	22nd DAA/ Construction Contractor	During construction