

ATTACHMENT B

MITIGATION MONITORING AND REPORTING PLAN

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Best Management Practice (BMP) or Mitigation Measure	Responsible Party	Implementation Schedule	Reporting Procedures	Reporting Schedule	Oversight / Enforcement Responsibility
BMP-1: Siting Woodland-Elverta Transmission Line and Willow Slough Substation					
<ul style="list-style-type: none"> • Use Sacramento County General Plan Public Facilities Element VIII in facilities siting. • Use <i>Airport Land Use Planning Handbook</i> (Caltrans, 2002) in facilities siting. • Use existing utility and transportation corridors for transmission line, where feasible. • Where agricultural lands are crossed, use the border of the fields, where feasible. • Coordinate siting with local jurisdictions, resource management and permitting agencies, and affected landowners. • Avoid special-status species habitat and populations, where feasible. • Avoid NRHP and CRHR listed or eligible sites, where feasible. 	SMUD.	Following annexation approval.	Technical Siting Report, including: siting methodology and criteria, maps of alternative alignments and sites, description of coordination, and justification for selection of the preferred alignment and site. Report to include Biological Technical Report and CRMMP.	Prior to completion of project-specific EIR.	LAFCo.

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BMP-2: Biological Resources					
<ul style="list-style-type: none"> • Use biological surveys of Woodland-Elverta Transmission Line and Willow Slough Substation study areas for input to facilities siting. • Avoid special-status species and habitat, to the extent practicable. • Where special-status species or habitat cannot be avoided, minimize impact. 	SMUD.	Following annexation approval.	Biological Survey Technical Report, including: survey methods, habitat and wetland mapping, maps of locations of special-status species populations, and discussion of why special-status species and habitats cannot be avoided, where applicable.	Prior to completion of project-specific EIR.	LAFCo.
<ul style="list-style-type: none"> • Where impacts to special-status species cannot be avoided, provide compensatory mitigation. 	SMUD.	Prior to construction of Woodland-Elverta Transmission Line and Willow Slough Substation.	Report on compensatory mitigation approved by CDFG and/or USFWS.	Prior to construction of new transmission line and substation.	LAFCo.
<ul style="list-style-type: none"> • Fence off sensitive habitat and locations of special-status species proximate to construction sites. 	SMUD.	Prior to construction of individual Program components.	Maps showing habitat and populations that have been fenced.	Prior to construction of individual Program components.	LAFCo.
<ul style="list-style-type: none"> • Perform preconstruction survey for nesting birds and burrowing owls no earlier than 45 days and no later than 20 days prior to construction. Conduct no construction that disturbs active burrows. 	SMUD.	As defined for preconstruction surveys.	Preconstruction survey report.	Prior to construction.	LAFCo.

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<ul style="list-style-type: none"> Limit construction between May 1 and September 30, to the extent possible. 	SMUD.	Construction.	Construction report.	Biannually from initiation of construction until completion of construction.	LAFCo.
<ul style="list-style-type: none"> Where construction begins after April 1, perform preconstruction survey for nesting Swainson's hawk. If nest present within 0.5 mile of construction site, contact CDFG and have nest monitored by qualified biologist. If construction disturbs actively nesting birds, it will be delayed until young have fledged. 	SMUD.	Construction.	Construction report.	Biannually from initiation of construction until completion of construction.	LAFCo.
<ul style="list-style-type: none"> Clean up spills of construction materials, fuels, and lubricants promptly and dispose of them properly. 	SMUD.	Construction.	Construction report.	Biannually from initiation of construction until completion of construction.	LAFCo.
<ul style="list-style-type: none"> Clean up all construction debris. 	SMUD.	Construction.	Construction report.	Biannually from initiation of construction until completion of construction.	LAFCo.
<ul style="list-style-type: none"> Prohibit off-road traffic outside of designated access routes. Enforce a 10 mph speed limit on unpaved roads. 	SMUD.	Construction.	Construction report.	Biannually from initiation of construction until completion of construction.	LAFCo.

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<ul style="list-style-type: none"> Provide visual line enhancers and adequate spacing of conductors to minimize risk of avian collision and electrocution. 	SMUD.	Prior to construction of Woodland-Elverta Transmission Line.	Transmission line design report.	Prior to construction of Woodland-Elverta Transmission Line.	LAFCo.
<ul style="list-style-type: none"> Conduct construction personnel environmental awareness training. 	SMUD.	Prior to construction.	Training program syllabus and training sign-in sheets.	Following construction of each Program component.	LAFCo.
BMP-3: Cultural Resources					
<ul style="list-style-type: none"> Conduct archaeological and historical survey of Woodland-Elverta Transmission Line and Willow Slough Substation study areas. 	SMUD.	Following annexation approval.	CRMMP, including: when and where intensive surveys will be conducted, survey methodology, maps of survey areas, use of qualified cultural resources monitor during construction, procedures for (cont'd)	Prior to completion of project-specific EIR.	LAFCo.
(cont'd)			(cont'd) recording and evaluation of cultural resources, and procedures for addressing human remains discovered during construction.		
<ul style="list-style-type: none"> Provide cultural resources monitoring. 	SMUD.	Construction.	Monitoring records.	Following construction.	LAFCo.

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<ul style="list-style-type: none"> Provide paleontological monitoring. 	SMUD.	Construction.	Monitoring records.	Following construction.	LAFCo.
BMP-4: Noise					
<ul style="list-style-type: none"> Restrict construction noise to between 7:00 a.m. and 6:00 p.m. Monday through Saturday and between 9:00 a.m. and 6:00 p.m. on Sunday. 	SMUD.	Construction.	Noise monitoring and reporting in construction inspector reports.	Quarterly during construction.	LAFCo.
BMP-5: Public Service					
<ul style="list-style-type: none"> Reduce demand for police and fire protection during construction. 	SMUD.	Prior to construction.	<ul style="list-style-type: none"> Security Plan. Injury and Illness Prevention Plan. Safety Plan. Fire Protection Plan. 	Prior to construction.	LAFCo.
BMP-6: Air Quality					
<ul style="list-style-type: none"> Cover or water soil stockpiles twice daily. Water exposed soil surfaces twice daily. Water haul roads twice daily. Cover dump trucks securely. Limit non-work-related idling of vehicles and equipment to no more than 5 minutes. 	SMUD.	Construction.	Construction inspector reports.	Biannually.	LAFCo.

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MM AG-1: Agriculture					
<ul style="list-style-type: none"> Establish conservation mitigation banking agreement to preserve land in agricultural production at 1:1 ratio. 	SMUD.	Prior to construction.	Mitigation banking agreement.	Prior to construction.	LAFCo.
MM AG-2: Location of Transmission Lines to Avoid Impacts to Agriculture					
<ul style="list-style-type: none"> Mark Woodland-Elverta Transmission Line in compliance with FAA requirements. 	SMUD.	Construction.	Compliance report.	Biannually.	LAFCo.
<ul style="list-style-type: none"> To the extent feasible, locate transmission line on perimeter of agricultural fields. 	SMUD.	Construction	Compliance report	Biannually	LAFCo
<ul style="list-style-type: none"> Pay for relocation of aircraft operations or pay for crop-dusting operations to take place at a new location. 	SMUD.	Construction	Compliance report	Biannually	LAFCo
MMAQ-1: Air Quality					
<ul style="list-style-type: none"> Prepare construction equipment emissions reduction plan if project-specific air quality analysis indicates potential significant impact from NO_x and/or ROG impact. This plan will include the following. <ul style="list-style-type: none"> Inventory of off-road construction equipment >50 hp to achieve 20% NO_x and 45% particulate reduction, including evidence of compliance with 	SMUD.	Prior to construction.	Construction equipment emissions reduction plan.	Prior to construction.	LAFCo.
(cont'd)					

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(cont'd) EPA or CARB 1966 diesel standards, installation of diesel particulate exhaust filters (unless incompatible with equipment), installation of catalytic converters on gasoline-powered equipment, high-efficiency mufflers in good condition and appropriate for the equipment (for MM Noise-NOI-1), and justification of diesel engine size. – Diesel equipment maintenance record and schedule.					
• Visually inspect in-operation equipment emissions.	SMUD.	Weekly during construction.	Compliance report.	Monthly .	LAFCo and SMAQMD.
• Limit grading to 10 acres per day.	SMUD.	During construction.	Construction inspector reports.	Biannually.	LAFCo.
• Curtail construction during “spare the air” days declared by the Yolo-Solano AQMD or the SMAQMD.	SMUD.	During construction.	Construction inspector reports.	Biannually.	LAFCo.
• Obtain electricity from power poles rather than temporary diesel power generators, where possible.	SMUD.	During construction.	Construction inspector reports.	Biannually.	LAFCo.
MM AQ-2: Diesel Emissions					
• Use clean fuels whenever feasible except when emissions associated with such use would actually increase emissions over the baseline.	SMUD.	Construction	Compliance report.	Biannually.	LAFCo.

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<ul style="list-style-type: none"> Use most effective particulate traps suitable for each diesel-fueled vehicle whenever feasible. 	SMUD.	Construction.	Compliance report.	Biannually.	LAFCo.
<ul style="list-style-type: none"> SMUD's fleet of vehicles of more than 14,000 lbs GVW must comply with CARB 2007 standards by the end of 2006. 	SMUD.	Construction.	Compliance report.	Biannually.	LAFCo.
MM BIO-1: Construction Biology					
<ul style="list-style-type: none"> Restore temporarily disturbed habitat. 	SMUD.	Prior to construction.	Report on restoration program.	Prior to construction.	LAFCo.
MM NOI-1: Construction Noise					
<ul style="list-style-type: none"> Locate stationary construction equipment generating noise >50 dBA as far as possible from residences. Locate access routes along existing public and private roads. Implement noise reduction measures, such as baffling for equipment generating >50 dBA at the edge of right-of-way. 	SMUD.	During construction.	Construction inspector reports.	Biannually.	LAFCo.
MM NOI-2: Operational Noise					
<ul style="list-style-type: none"> Locate and design Willow Slough Substation to ensure that transformer noise at property line does not exceed 40 dBA. 	SMUD.	Prior to construction.	Noise analysis report.	Prior to completion of project-specific EIR.	LAFCo.

AQMD = Air Quality Management District
BMP = best management practice
CARB = California Air Resources Board
CDFG = California Department of Fish and Game
CRHR = California Register of Historic Resources
CRMMP = Cultural Resources Mitigation and Monitoring Plan
dBA = decibels A-scale
EIR = Environmental Impact Report

EPA = United States Environmental Protection Agency
hp = horsepower
NO_x = nitrogen oxide
NRHP = National Register of Historic Places
ROG = reactive organic gas
SMAQMD = Sacramento Metropolitan Air Quality Management District
SMUD = Sacramento Municipal Utility District
USFWS = United States Fish and Wildlife Service