

APPENDIX F

MITIGATION MONITORING AND REPORTING PLAN

MITIGATION MONITORING AND REPORTING PLAN

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
AESTHETICS								
AES-1: Possible temporary, minor changes to the resources visible from a designated State Scenic Highway might result from project construction and operation. (Less than Significant with Identified Mitigation)	✓		AES-1: Metromedia would comply with local regulations regarding State Scenic Highway corridors, keep construction and staging areas orderly, free of trash and debris, and would restore areas disturbed by project construction along the proposed route to their pre-project condition.	✓		The construction crew will be monitored by the Environmental Resource Coordinator.	The local jurisdiction's general plan and zoning requirements.	Must occur simultaneously with construction.
AES-2: Possible minor changes in the existing visual character or quality of a site might result from project construction and operation. (Less than Significant with Identified Mitigation)	✓	✓	AES-2: Metromedia would minimize visual impacts of project facilities and comply with local regulations concerning architectural design and landscaping, keep construction and staging areas orderly and free of trash and debris, and would restore areas disturbed by project construction along the proposed route to their pre-project condition.	✓	✓	Same as above.	The local jurisdiction's requirements.	Same as above.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
AIR QUALITY								
AQ-1: Introduction of additional emissions sources in a region for which air quality plans have been developed. (Less than Significant with Identified Mitigation)	✓		AQ-1: Metromedia would submit a letter to the permit services division of the BAAQMD prior to project construction indicating that four back-up generators would be installed as part of the project and where those generators would be located.	✓		Review copy of the letter that was sent by Metromedia to the BAAQMD to verify that letter complies with the measure.	Document that letter complies with measure.	Prior to project's operational phase.
AQ-2: Increase in local pollutant concentrations . (Less than Significant with Identified Mitigation)	✓		AQ-2: Metromedia would require the construction contractors to water all active construction areas at least twice daily; cover all trucks hauling soil, sand, and other loose materials; pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites; sweep daily all paved access roads, parking areas and staging areas at construction sites; and sweep streets daily if visible soil material is carried onto adjacent public streets.	✓		Review a copy of the construction contract(s) to ensure that dust abatement program elements have been incorporated. Inspect construction sites periodically to verify compliance with measure.	Document incorporation of dust abatement program elements into construction contract(s). Verify compliance with measure through observation of recent watering and lack of visible dust emissions from the site or along roads used to access the site.	Prior to approval of construction contract. Weekly, during construction

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AIR QUALITY								
AQ-4: Expose sensitive receptors to substantial pollutant concentrations. (Less than Significant with Identified Mitigation)	✓		AQ-4: Metromedia would use “California” diesel fuel to power the back-up generator at the Hayward POP.	✓		<ol style="list-style-type: none"> 1. Review a copy of purchase order (or equivalent) for the diesel fuel to be stored and used at the Hayward POP. 2. Review a copy of the construction contract for the Hayward POP to verify that the contract specifies a means by which the continued use of California Clean Diesel Fuel at the Hayward POP will be ensured, e.g., by specifying the placement of a permanent sign stating "California On-Road Certified Diesel Fuel Only" at the location at the Hayward POP where the storage tank would be refilled. 	<ol style="list-style-type: none"> 1. Verify that the purchase order specifies diesel fuel certified for use on California public roadways. 2. Verify that the appropriate sign has been installed. 	<ol style="list-style-type: none"> 1. Prior to commencement of project's operational phase. 2. Prior to the commencement of project's operational phase.

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AIR QUALITY								
<p>AQ-5: Introduction of additional emissions sources in a region for which air quality plans have been developed. (Less than Significant with Identified Mitigation)</p>		✓	<p>AQ-5: Metromedia would comply with all SCAQMD permit requirements and SCAQMD Rule 403.</p>		✓	<ol style="list-style-type: none"> 1. Review the construction contract(s) to ensure that SCAQMD Rule 403 requirements have been incorporated. 2. Inspect construction sites periodically to verify compliance with measure. 3. Review copies of the permits issued by the SCAQMD to Metromedia for the generators. 	<ol style="list-style-type: none"> 1. Document that the construction contract(s) incorporate the requirements of SCAQMD Rule 403. 2. Verify compliance with measure through observations of recent watering and lack of visible dust emissions from the site or along roads used to access the site. 3. Document that Metro-media has been issued the appropriate permits from the SCAQMD. 	<ol style="list-style-type: none"> 1. Prior to approval of construction contract. 2. Weekly, during construction. 3. Prior to project's operational phase.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
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AIR QUALITY								
AQ-7: Increase in nonattainment pollutant emissions. (Less than Significant with Identified Mitigation)		✓	AQ-7: Metromedia would require its construction contractors to use California on-road diesel fuel for all diesel-powered construction equipment; use construction equipment that is properly tuned and maintained in accordance with manufacturer’s specifications; employ a maximum of 10 work crews on any given workday with a maximum of 6 work crews using the street trenching technique; use a schedule based on a 5-day work week; use best management construction practices to avoid unnecessary emissions; and to suspend the emissions-generating construction activities during “Stage 2” smog alerts.		✓	<ol style="list-style-type: none"> 1. Review construction contract(s) to verify that the related measures have been incorporated. 2. Inspect construction sites periodically to verify compliance with measure. 	<ol style="list-style-type: none"> 1. Document that the construction contract(s) incorporate all of the requirements listed in the mitigation measure. 2. Verify compliance with measure through observations of the duration of truck idling at construction sites. 	<ol style="list-style-type: none"> 1. Prior to approval of construction contract. 2. Weekly, during construction.

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BIOLOGY								
<p>BIO-1: The project may result in temporary, adverse impacts on up to 20 sensitive wildlife species potentially present adjacent to the route. Potential impacts could include direct mortality from equipment, entrapment in open trenches, temporary loss of cover due to removal of vegetation, and harassment due to noise or vibration. Harassment to nesting birds could result in nest failure or increased exposure to predators. The sensitive species potentially impacted are predominantly associated with wetland or stream habitat adjacent to the railroad rights-of-way.</p>	✓		<p>BIO-1a: Qualified biologists retained by the project applicant for resource monitoring shall perform pre-construction surveys, staking of resources, on-site monitoring, documentation of violations and compliance, coordination with contract compliance inspectors and post-construction documentation. Biological resource monitors shall also inspect areas to ensure that barrier fencing, stakes, and required setback buffers are maintained.</p>	✓		<p>Project proponent would retain qualified biological resource monitors to perform pre-construction surveys and construction monitoring.</p>	<p>Submittal of credentials of qualified biological resource monitors to CPUC for approval. Field identification and demarcation of all sensitive biological resources.</p>	<p>Prior to construction period and throughout construction period, with monthly reporting.</p>

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
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BIOLOGY								
BIO-1 (see above)	✓		BIO-1b: Pre-construction meetings conducted by Metromedia shall include a biological resource education program for project construction crews. The education program shall include review of the potential locations of sensitive biological resources, methods of resource avoidance to be utilized, applicable permit conditions and applicable fines for violations of state or federal environmental laws regulating sensitive biological resources.	✓		Performance of pre-construction meetings, including a biological resource education program, attended by representative of project proponent, biological resource monitor and construction crews.	Verification by biological resource monitor of performance of pre-construction biological resource education program.	Prior to construction period for applicable network segments.
			BIO-1c: The project applicant shall avoid all riparian and wetland habitats that support sensitive species by establishing and observing exclusion zones. Such zones shall be identified, located on construction drawings and staked, flagged or fenced in the field by a qualified biologist prior to commencement of project construction activities.	✓		Location on construction drawings and avoidance in field of all riparian and wetland habitats potentially supporting sensitive species.	Avoidance of all riparian and wetland habitats in field.	Prior to construction period for applicable network segments.

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BIOLOGY								
BIO-1 (see above)	✓		BIO-1d: In the event that construction equipment is required to operate within any watercourse with flowing or standing water, the designated biological resource monitor shall be present at all times to alert construction crews to the possible presence of California red-legged frog, salmonids or other sensitive aquatic species potentially at risk. In the event that substantial disturbance of occupied aquatic habitat is observed, the biological resource monitor shall immediately and directly notify the construction supervisor to halt construction and cause construction activities to be modified to further impacts to the species. In the case of an accidental substance release into one of these streams, the regulating resource authorities shall be contacted within 24 hours of the incident's occurrence.	✓		<ol style="list-style-type: none"> 1. Presence of biological resource monitor in field during those periods when construction equipment is required to operate in flowing or standing water. 2. Halt of construction in the event of substantial disturbance to sensitive species. 3. Notification of appropriate resource regulatory agency in the case of accidental release of toxic substances into a waterway. 	<ol style="list-style-type: none"> 1. Avoidance of impacts to sensitive species when equipment is required to operate in flowing or standing water. 2. Construction crew compliance regarding halting of construction. 3. Documentation of coordination with resource regulatory agencies in the event of an accidental release of toxic substances into a waterway. 	<ol style="list-style-type: none"> 1. During construction period. 2. During construction period. 3. During construction period.

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<i>Environmental Impact</i>	APPLIES TO:		<i>Mitigation Measures</i>	APPLIES TO:		<i>Monitoring/ Reporting Action</i>	<i>Effectiveness Criteria</i>	<i>Timing</i>
	<i>SF Bay Area Network</i>	<i>LA Basin Network</i>		<i>SF Bay Area Network</i>	<i>LA Basin Network</i>			
BIOLOGY								
BIO-1 (see above)	✓		BIO-1e: Construction activities at the six identified potential salmonid streams, including San Leandro Creek, Alameda Creek, Coyote Creek, Los Gatos Creek, San Francisquito Creek and the Guadalupe River, shall occur during the summer months (July through October) when flows are minimal or subterranean, aquatic species are least likely to be present, and the inadvertent release of materials such as bentonite clay, a substance used for directional boring as proposed by the project applicant, would least impact sensitive species.	✓		Monitoring and documentation by biological resource monitor of performance of construction activities outside of the summer months (July through September) at the six identified salmonid streams.	Avoidance of construction crews of salmonid streams during summer months.	Throughout construction period, with monthly reporting.

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BIOLOGY								
BIO-1 (see above)	✓		BIO-1f: Woody riparian vegetation close to the network routes that could be affected by installation activities shall be protected by installation of temporary fencing or staking. Protective fencing shall remain in place until all construction activities in the area are complete. No woody vegetation shall be removed from stream corridors.	✓		Placement by qualified biological resource monitor of protective fencing surrounding woody riparian vegetation.	Avoidance of impacts to woody riparian vegetation during construction.	Prior to construction period.

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BIOLOGY								
BIO-1 (see above)	✓		BIO-1g: Surveys for nesting tricolored blackbird at Stiver’s Lagoon shall be conducted between May and July by a qualified biologist no more than two weeks prior to the commencement of construction. If pre-nesting or nesting activity is identified, a determination shall be made in consultation with CDFG as to whether or not construction would impact nests. If it is determined that construction would impact nests, construction within 500 feet of the nesting locations shall be delayed until juvenile birds have fledged. If occupied, these areas shall be avoided by boring beneath habitat with an adequate disturbance exclusion zone.	✓		<ol style="list-style-type: none"> 1. Performance and documentation by biological resource monitor of surveys for nesting tricolored blackbird at Stiver’s Lagoon between May and July. 2. If nesting is observed, performance of consultation with CDFG regarding anticipated construction impacts. 3. If impacts are determined to be significant, prohibition of construction within 500 feet of nesting locations until juvenile birds have fledged. 	<ol style="list-style-type: none"> 1. Documentation of performance of surveys by biological resource monitors. 2. Documentation of coordination with CDFG. 3. Observance of construction crews of 500-foot buffer surrounding nesting sites. 	<ol style="list-style-type: none"> 1. 2 weeks prior to construction period. 2. At time of coordination with CDFG. 3. During construction period.

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BIOLOGY								
BIO-1 (see above)	✓		BIO-1h: Construction activities at Pacific Bell Network Segments 26 and 27 shall be conducted outside of the nesting season (February 1 through August 31) of California black rail, California black rail, Western snowy plover, and California least tern. If construction activities at Pacific Bell Network Segment 27 is anticipated to occur during the nesting season, a qualified biologist shall conduct a pre-construction survey for occupied nesting habitat within 700 feet of the network route. If any of the species listed above species are determined to be present, construction shall be delayed until after the breeding season.	✓		<ol style="list-style-type: none"> 1. Performance and documentation of construction surveys by biological resource monitor during the nesting season of California black rail, Western snowy plover, and California least tern (February 1 through August 31). 2. If presence of any of the sensitive species is identified, delay construction until close of the species' breeding season. 	<ol style="list-style-type: none"> 1. Avoidance by construction crews of nesting California black rail, Western snowy plover, and California least tern during the nesting season (February 1 through August 31). 2. Delay of construction until close of species' breeding season. 	<ol style="list-style-type: none"> 1. During construction period. 2. During construction period in nesting season.

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	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
BIOLOGY								
BIO-1 (see above)	✓		BIO-1i: The project biological resource monitor shall conduct pre-construction surveys for burrowing owl within 500 feet of the proposed network route no more than two weeks prior to the commencement of project construction, in all areas identified to provide potentially suitable nesting habitat. Survey protocol shall conform to guidelines described by the California Burrowing Owl Consortium (1993). If occupied owl burrows are found during pre-construction surveys, a determination shall be made by the biological resource monitor, in consultation with CDFG, as to whether project construction would impact the occupied burrows or disrupt reproductive behavior.	✓		<ol style="list-style-type: none"> 1. Performance by biological resource monitor of protocol burrowing owl surveys in suitable habitat within 500 feet of network right-of-way. 2. Consultation with CDFG if occupied owl burrows are found. 3. Delay construction if CDFG consultation results in determination that project construction would significantly impact occupied burrows during nesting season. 	<ol style="list-style-type: none"> 1. Documentation of performance of surveys. 2. Documentation of CDFG consultation. 3. Delay of construction. 4. Relocation of burrowing owls. 	<ol style="list-style-type: none"> 1. Prior to construction, during owl nesting season (February 1 through August. 31). 2. At time of discovery of occupied owl burrows. 3. During construction period in nesting season. 4. Prior to construction period outside of nesting season.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
BIOLOGY								
BIO-1 (see above)	✓		BIO-1i (cont'd): If it is determined that construction would physically impact occupied burrows or disrupt reproductive behavior during the nesting season (February 1 through August 31), construction shall be delayed within 250 feet of occupied burrows until it is determined that owls are not longer nesting or until the biological resource monitor determines that juvenile owls are self-sufficient or no longer using the natal burrow as their primary source of shelter.	✓		4. Relocation of burrowing owls if occupied burrows found during non-nesting season.	See above	See above

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
BIOLOGY								
BIO-2: Potential impacts on non-listed sensitive nesting raptors. Potential nesting habitat for several raptor species occurs within or adjacent to most of the San Francisco Bay Area network alignment. While no nesting habitat would be directly affected by installation of the conduit or regeneration facilities, indirect project-related impacts could include nest abandonment and reproductive failure.	✓		BIO-2: In the event that project construction activities are proposed to take place during the breeding season of raptors identified as potentially present along or adjacent to the network alignment (between February 1 and August 31), the project biological resource monitor shall conduct pre-construction surveys for nesting raptors within 500 feet of the proposed network route no more than 2 weeks before the start of project construction, in all areas identified to provide potentially suitable nesting habitat. If active nests are found, a no-disturbance buffer zone averaging 500 feet in width shall be established around active nests during the breeding season for the duration of construction. The size of individual buffers shall be adjusted upward or downward based on site evaluation by the biological resource monitor in coordination with CDFG.	✓		<ol style="list-style-type: none"> Performance by biological resource monitor of raptor surveys in suitable habitat within 500 feet of network right-of-way during the breeding season (Between February 1 and August 31). Consultation with CDFG if occupied nests are found and establishment of a 500-foot buffer zone surrounding active nests during breeding season. 	<ol style="list-style-type: none"> Documentation of performance of surveys. Documentation of CDFG consultation. 	<ol style="list-style-type: none"> No more than 2 weeks prior to construction period. At time of discovery of occupied nests.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
BIOLOGY								
<p>BIO-3: The project could contribute to short-term disturbance of “waters of the U.S.,” including wetlands. While proposed construction methods specify directional boring beneath sensitive waterways, two small wetlands lacking riparian vegetation may be trenched.</p>	✓		<p>BIO-3: Minimize disturbance of “other waters of the U.S.,” including wetlands, and restore such resources to pre-project conditions. Construction activities shall avoid saturated or ponded wetlands during the wet season (spring and winter) to the maximum extent possible. Where such activities are unavoidable, protective practices, such as use of padding, or vehicles mats or vehicles with balloon tires, geotextile cushions or other appropriate materials as determined by the biological resource coordinator, shall be used. In wetlands or unvegetated waters of the U.S. that are trenched, the top 12 inches of topsoil from the excavated site with intact roots, rhizomes, and seed bank would be stockpiled. Topsoil and subsoil shall be replaced immediately after construction activities are complete.</p>	✓		<ol style="list-style-type: none"> 1. Monitoring by biological resource coordinator for avoidance of saturated or ponded wetlands during the wet season to the maximum extent possible. 2. Monitoring by biological resource coordinator of use by construction crews of protective measures in wetlands and riparian areas. 3. Monitoring and documentation by biological resource coordinator of appropriate post-construction restoration of wetland and riparian sites. 	<ol style="list-style-type: none"> 1. Avoidance of saturated or ponded wetlands during the wet season. 2. Documentation of use of protective measures. 3. Restoration of wetland and riparian sites to pre-project conditions to the satisfaction of the biological resource coordinator and in compliance with Corps Nationwide Permit requirements. 	<ol style="list-style-type: none"> 1. During construction period. 2. During construction period. 3. During and following construction period.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
CULTURAL RESOURCES								
CR-1: Possible adverse changes to the significance of cultural resources. (Less than significant with Identified Mitigation)	✓	✓	CR-1a: Appoint a cultural resources specialist	✓	✓	Metromedia to provide the Environmental Resource Coordinator with the name and qualifications of the specialist that will direct all cultural resource activities and mitigation measures	Measure will be effective if the specialist is qualified.	Written evidence must be provided at least 90 days prior to construction.
			CR-1b: Determine boundaries of known cultural resources.	✓	✓	The cultural resource specialist to implement and document the results of a boundary definition program. An independent archaeologist hired by the CPUC shall monitor the boundary definition program. Report to be submitted to the Environmental Resource Coordinator.	Mitigation will be effective when the boundaries of known sites within the project area have been determined and the report identifies how sites will be avoided. The report must identify any sites which are not avoidable and need further evaluation.	Prior to construction at the site locations. Should begin as soon as possible to allow for review and any subsequent studies that may be required.

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CULTURAL RESOURCES								
CR-1 (see above)	✓	✓	CR-1c: Evaluate resources for California Register of Historical Resources eligibility; avoid or conduct data recovery/monitor construction.	✓	✓	Unavoidable resources will be tested and evaluated and documented in a technical report.	Will be fully effective when the evaluation report has been reviewed and approved by an independent cultural resource specialist.	Prior to construction disturbance at unavoidable sites. Should begin as soon as possible to allow for review and any subsequent studies that may be required.
CR-2: Possible substantial effects to potential, poorly recorded, or possibly badly disturbed prehistoric and historic archaeological deposits from trenching operations or from use of historic structures as POP locations (construction-related impact, particularly open trenches and portals for bi-directional boring within specified sensitive areas). (Less than Significant with Identified Mitigation)	✓	✓	CR-2a: Conduct archaeological monitoring during ground disturbing project activities, including all archaeological excavations.	✓	✓	Monitoring will occur in the areas identified as sensitive. Daily, weekly, and monthly monitoring logs will be prepared and submitted. At the conclusion of monitoring, a comprehensive monitoring report will be prepared.	The monitoring will be determined to be effective if construction impacts are minimized, if the archaeological monitor has adequate opportunity to ensure evaluation of any discoveries, and if Native American concerns are met.	Monitoring will occur during all stages of ground disturbance in those areas determined to be sensitive. In instances where POPs are installed subsequent to cable conduits, additional monitoring may be required at that time.

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CULTURAL RESOURCES								
CR-2 (see above)	✓	✓	CR-2b: Inspect POP locations; avoid use of historic structures or evaluate and document.	✓	✓	The cultural resource specialist shall provide the Environmental Resource Coordinator with written evidence of POP inspections, results, and, if needed, identify further actions needed to protect historic resources.	Will be effective upon receipt of inspection report.	Prior to POP construction or installation.
CR-3: Potential location or disturbance of unique paleontological resources during construction. (Less than Significant with Identified Mitigation)	✓	✓	CR-3: Notify paleontologist of unanticipated discoveries of fossils and document as needed.	✓	✓	Monitoring will occur in the areas identified as sensitive. If notified, the paleontologist will inspect the find, report their conclusions to the Environmental Resource Coordinator, and take additional steps as needed to recover and document any significant fossil discoveries.	The monitoring will be determined to be effective if construction impacts are minimized, if the paleontologist has adequate opportunity to evaluate any discoveries, and if discoveries are properly removed, documented, and curated.	Notification would occur anytime during construction.

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CULTURAL RESOURCES								
CR-4: Possible substantial effects to human burials from trenching operations (construction-related impact, particularly open trenches and portals for bi-directional boring within specified sensitive areas). (Less than Significant with Identified Mitigation)	✓	✓	CR-4a: If Native American remains are found, implement appropriate security measures, contact coroner, and follow authorities' directives concerning the remains.	✓	✓	Discoveries of human remains during monitoring or testing will be reported to the local Coroner's Office and to the Native American Heritage Commission. The Most Likely Descendant (MLD) will be actively involved in the evaluation process. A report will be completed and filed for each discovery.	The actions shall be determined to be effective when state and local laws regarding removal of burials are complied with and when the consultation process with the MLD is completed.	Could occur prior to construction during archaeological excavations. Could occur any time during construction that involves ground disturbing activities. It is assumed that the greatest potential for the discovery of human remains is in the areas identified as archaeologically sensitive.
			CR-4b: Conduct Native American monitoring.	✓	✓	Native Americans shall monitor all ground disturbance in areas considered sensitive for pre-historic or ethnohistoric archaeological resources.	The monitoring will be determined to be effective if construction impacts are minimized, if the Native Americans have adequate opportunity to monitor and comment on all archaeological excavations, and if discoveries are properly removed, documented, and curated.	During any archaeological excavations and during construction disturbance in sensitive areas.

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HAZARDS AND HAZARDOUS MATERIALS								
HAZ-1: Possible temporary exposure to or release of hazardous materials during construction. (Less than Significant with Identified Mitigation)	✓	✓	HAZ-1a: Ensure proper labeling, storage, handling, and use of hazardous materials.	✓	✓	Submit to PUC copies of hazardous material management/spill prevention plan, dust abatement program and health and safety plan. Health and safety plan shall designate individual with responsibility for hazardous material compliance.	Reduce potential for accidental release of hazardous material.	Prior to commencement of construction activities.
			HAZ-1b: Prepare hazardous materials management/spill prevention plan.	✓	✓	Same as above.	Same as above.	Same as above.
			HAZ-1c: Prepare Health and Safety Plan.	✓	✓	Same as above.	Reduce potential for exposure to hazardous materials.	Same as above.
			HAZ-1d: Prepare Dust Abatement Program.	✓	✓	Same as above.	Reduce potential for exposure to hazardous materials.	Same as above.
			HAZ-1e: Reduce excavation impacts.	✓	✓	Same as above.	Reduce potential for exposure to hazardous materials.	Same as above.

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	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
HAZARDS AND HAZARDOUS MATERIALS								
HAZ-2: The project could require disposal of potentially contaminated soils. (Less than Significant with Identified Mitigation)	✓	✓	HAZ-2a: Conduct a list search of all network segments requiring excavation.	✓	✓	Submit to PUC a summary report with maps indicating areas of high potential for contamination, where excavated material will be assessed prior to disposal. The summary report shall contain a description of the assessment methodology and a response procedure to be followed if contaminated soil or groundwater is encountered.	Ensure proper disposal of any contaminated excavation material that would meet the definition of a hazardous waste.	Same as above.
			HAZ-2b: Characterize excavated materials for disposal.	✓	✓	Same as above.	Same as above.	Same as above.
			HAZ-2c: Test groundwater.	✓	✓	Same as above.	Same as above.	Same as above.
HAZ-5: Installation could encounter methane gas or hydrogen sulfide gas during excavations and borings. (Less than Significant)		✓	HAZ-5: Implement Mitigation Measure HAZ-1c.		✓	Same as Mitigation Measure HAZ-1c.	Same as Mitigation Measure HAZ-1c.	Same as Mitigation Measure HAZ-1c.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
LAND USE AND PLANNING								
LU-1: Possible conflict with applicable local land use plans, policies, and regulations might occur. (Less than Significant with Identified Mitigation)	✓	✓	LU-1: Metromedia would comply with local plans, policies, and regulations.	✓	✓	The construction crew will be monitored by the Environmental Resource Coordinator.	The plans, policies, and regulations of local jurisdictions.	Will occur simultaneously with construction.
NOISE								
NOI-1: Noise levels in excess of local standards would be generated in some locations during project construction and operation. (Less than Significant with Identified Mitigation)	✓		NOI-1a: Metromedia shall require construction contractors to comply with the construction hours and construction equipment standards set forth in Table 5.11-1. For construction in those jurisdictions that have no specific construction-related standards, Metromedia shall require its contractors to limit noisy construction activity to the hours of 7:00 A.M. to 7:00 P.M., Monday through Saturday.	✓		Review construction contract(s) to verify incorporation of local standards related to hours and days for construction and related to construction equipment noise standards, as applicable, or incorporation of default hours (7:00 A.M. to 7:00 P.M., Monday through Saturday) in those jurisdictions that have no specific standards.	Document compliance with local construction noise requirements and regulations or project default requirements.	Prior to approval of construction contract.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
NOISE								
NOI-1 (see above)			NOI-1b: Metromedia shall implement site-specific measures at the POP sites like relocating air conditioning units away from residences, installing “quiet” generators and testing generators only during daylight hours.	✓		<ol style="list-style-type: none"> 1. Review construction specifications for the equipment and facility layout at the San Mateo, Fremont, and Hayward POPs to verify compliance with the corresponding POP-specific mitigation measure. 2. Monitor post-construction noise levels at Trinta Park and the nearest residence to the San Mateo POP and post-construction noise levels at the nearest residences to the Fremont and Hayward POPs. 	<ol style="list-style-type: none"> 1. Document compliance with the mitigation measure related to equipment and facility layout at the San Mateo, Fremont, and Hayward POPs. 2. Document that the noise from the air conditioning units and generators complies with the applicable standards at each of the three POP sites. 	<ol style="list-style-type: none"> 1. Prior to approval of construction contract. 2. After construction of the San Mateo, Fremont, and Hayward POPs are completed but prior to the project's operational phase.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
NOISE								
NOI-1 (see above)	✓		NOI-1c: Metromedia shall implement a variety of measures to reduce noise levels from directional boring where noise levels of 60 dBA or greater would be experienced at sensitive receptor locations. For example: special mufflers can be applied to the drill rig exhaust; shielding can be erected between noise sources and the receptor; or, as an extreme measure, a temporary enclosure can be erected to house the boring operation. The applicant shall implement all reasonable and customary noise reduction measures as part of the proposed project. The applicant shall also post the name and telephone number of a person for the public to contact to resolve noise-related problems.	✓		Review construction contract(s) to verify incorporation of local standards related to hours and days for directional boring and related construction activity, as applicable.	Document compliance with local construction noise requirements and regulations or project default requirements.	Prior to approval of construction contract.
NOI-3: Permanent increases in ambient noise levels from use of equipment at POPs. (Less than Significant with Identified Mitigation)	✓		NOI-3: Metromedia shall implement the measures listed under Mitigation Measure NOI-1b.	✓		Same as NOI-1b above.	Same as NOI-1b above.	Same as NOI-1b above.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
NOISE								
NOI-4: Temporary and intermittent noise increases during project construction. (Less than Significant with Identified Mitigation)	✓		NOI-4: Metromedia shall implement the measures listed under Mitigation Measures NOI-1a and NOI-1c.	✓		Same as NOI-1a and NOI-1c above.	Same as NOI-1a and NOI-1c above.	Same as NOI-1a and NOI-1c above.
NOI-5: Noise levels in excess of local standards would be generated in some locations during project construction. (Less than Significant with Identified Mitigation)		✓	NOI-5: Metromedia shall implement the measures listed under Mitigation Measures NOI-1a and NOI-1c, except that the construction hours and construction equipment standards set forth in Table 5.11-2 shall be observed.		✓	Same as NOI-1a and NOI-1c above.	Same as NOI-1a and NOI-1c above.	Same as NOI-1a and NOI-1c above.
NOI-8: Temporary and intermittent noise increases during project construction. (Less than Significant with Identified Mitigation)		✓	NOI-8: Metromedia shall implement the measures listed under Mitigation Measures NOI-1a and NOI-1c.		✓	Same as NOI-1a and NOI-1c above.	Same as NOI-1a and NOI-1c above.	Same as NOI-1a and NOI-1c above.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
RECREATION								
REC-1: The project would intermittently and temporarily disrupt existing recreational facilities for the duration of project construction. (Less than Significant with Identified Mitigation)	✓	✓	REC-1a: Obtain and comply with the Local Encroachment Permit for conduit repair or replacement work within the segment of the Bay Trail in Menlo Park.	✓	✓	Contractor shall submit encroachment application to affected state or local jurisdiction. Affected state or local jurisdiction would approve and issue encroachment permit to contractor.	Documentation of issued encroachment permit.	Encroachment permits must be issued prior to construction within the affected jurisdiction.
			REC-1b: All ground surfaces will be restored as close to pre-project conditions as soon as possible or practicable.	✓	✓	After completion, Environmental Resource Coordinator should verify restoration of area, to be confirmed by CPUC monitor.	Restoration approval by CPUC monitor.	After completion of construction through affected recreation facilities.
TRANSPORTATION AND TRAFFIC								
TRANS-1: New conduit installation within or across streets would reduce the number of, or the available width of, travel lanes on roads, resulting in temporary disruption of traffic flows and increases in traffic congestion. (Less than Significant with Identified Mitigation)	✓	✓	TRANS-1: Obtain and comply with local and state road encroachment permits, and railroad encroachment permits.	✓	✓	Contractor shall submit encroachment application to affected state or local jurisdiction. Affected state or local jurisdiction would approve and issue encroachment permit to contractor.	Documentation of issued encroachment permit.	Encroachment permits must be issued prior to construction within the affected jurisdiction.

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Environmental Impact	APPLIES TO:		Mitigation Measures	APPLIES TO:		Monitoring/ Reporting Action	Effectiveness Criteria	Timing
	SF Bay Area Network	LA Basin Network		SF Bay Area Network	LA Basin Network			
TRANSPORTATION AND TRAFFIC								
TRANS-2: Construction would result in short-term increases in vehicle trips by construction vehicular activities and construction workers. (Less than Significant with Identified Mitigation)	✓	✓	Same as TRANS-1.	✓	✓	Same as above.	Same as above.	Same as above.
TRANS-3: New conduit installation along roadways and railroad right of ways would temporarily increase the potential for accidents. (Less than Significant with Identified Mitigation)	✓	✓	Same as TRANS-1.	✓	✓	Same as above.	Same as above.	Same as above.
TRANS-4: New conduit installation along or across streets would affect emergency access. (Less than Significant with Identified Mitigation)	✓	✓	Same as TRANS-1.	✓	✓	Same as above.	Same as above.	Same as above.

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<i>Environmental Impact</i>	APPLIES TO:		<i>Mitigation Measures</i>	APPLIES TO:		<i>Monitoring/ Reporting Action</i>	<i>Effectiveness Criteria</i>	<i>Timing</i>
	<i>SF Bay Area Network</i>	<i>LA Basin Network</i>		<i>SF Bay Area Network</i>	<i>LA Basin Network</i>			
TRANSPORTATION AND TRAFFIC								
TRANS-5: Construction for all project components would generate a temporary demand for parking spaces for construction worker vehicles; in addition, cable installation would temporarily displace existing on-street parking on a number of streets. (Less than Significant with Identified Mitigation)	✓	✓	Same as TRANS-1.	✓	✓	Same as above.	Same as above.	Same as above.
TRANS-6: Cable installation could temporarily disrupt bus service along the proposed alignment. (Less than Significant with Identified Mitigation)	✓	✓	Same as TRANS-1.	✓	✓	Same as above.	Same as above.	Same as above.