

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS
County of Placer

TO: BOARD OF SUPERVISORS

DATE: December 9, 2008

FROM: ^{KG} KEN GREHM / PETER KRAATZ

SUBJECT: **KINGS BEACH WATER QUALITY AND STREAM ENVIRONMENT ZONE
IMPROVEMENT PROJECT (STATE CLEARINGHOUSE NO. 2008082034) --
MITIGATED NEGATIVE DECLARATION**

ACTION REQUESTED / RECOMMENDATION

Adopt a Resolution adopting a Mitigated Negative Declaration with the required findings for the Kings Beach Water Quality and Stream Environment Zone Improvement Project.

BACKGROUND / SUMMARY

Kings Beach is located in Placer County, California, on the north shore of Lake Tahoe. The community has a population of about 4,000 residents and is intersected by two major highways, State Route 28 and State Route 267. The project area covers approximately 660 acres, encompassing the entire Kings Beach community and part of Griff Creek from Lake Tahoe upstream to Griff Lane.

Placer County Department of Public Works proposes to improve the quality of storm water discharging into Lake Tahoe from the Kings Beach community by stabilizing exposed soils with vegetation and/or mulch; improving the existing drainage system with new curbs, gutters, and underground pipes; and treating runoff with a variety of methods including sediment traps and vaults, swales, infiltration, and/or detention basins, and media filters. In addition, Placer County proposes to improve fish passage and habitat in Griff Creek by replacing culverts, constructing in-channel habitat features, excavating portions of channel, constructing new channel, and installing rock channel bed stabilization (grade control) structures.

ENVIRONMENTAL

Under the direction of the Department of Public Works, a Mitigated Negative Declaration and Initial Study were prepared for this project by Entrix, Inc., pursuant to the California Environmental Quality Act (CEQA). During the public comment period, comments were received and appropriately addressed, which closed September 24, 2008. Upon approval of the Mitigated Negative Declaration, the Notice of Determination will be processed.

FISCAL IMPACT

The total cost of the entire Kings Beach Water Quality and Stream Environment Zone Improvement Project is estimated to be \$30,000,000. The project is to be funded through the United States Forest Service, the California Tahoe Conservancy, the Tahoe Regional Planning Agency, the Bureau of Reclamation and potentially the Department of Water Resources through various water quality grant funds.

Attachments:
Resolution
Exhibit A – Location Map
Mitigated Monitoring Plan Report

The Mitigated Negative Declaration and the Initial Study are on file with the Clerk of the Board for viewing.

**Before the Board of Supervisors
County of Placer, State of California**

In the matter of: A RESOLUTION APPROVING AND ADOPTING THE MITIGATED NEGATIVE DECLARATION (State Clearinghouse No. 2008082034) PREPARED FOR THE KINGS BEACH WATER QUALITY AND STREAM ENVIRONMENT ZONE IMPROVEMENT PROJECT.

Resol. No:.....

Ord. No:.....

First Reading:.....

The following RESOLUTION was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held _____, by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Chairman, Board Of Supervisors

Attest:
Clerk of said Board

WHEREAS, a preliminary design for the Kings Beach Water Quality and Stream Environment Zone Improvement Project has been prepared by Placer County; and

WHEREAS, the design of the project is consistent with California Tahoe Conservancy guidelines and Placer County Standards; and

WHEREAS, the County of Placer has prepared a Mitigated Negative Declaration, circulated it as required by law and included all necessary measures to mitigate any significant impacts of the project.

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Board of Supervisors of the County of Placer, State of California, that this Board approves and adopts the Mitigated Negative Declaration (State Clearinghouse No. 2008092087) for the Kings Beach

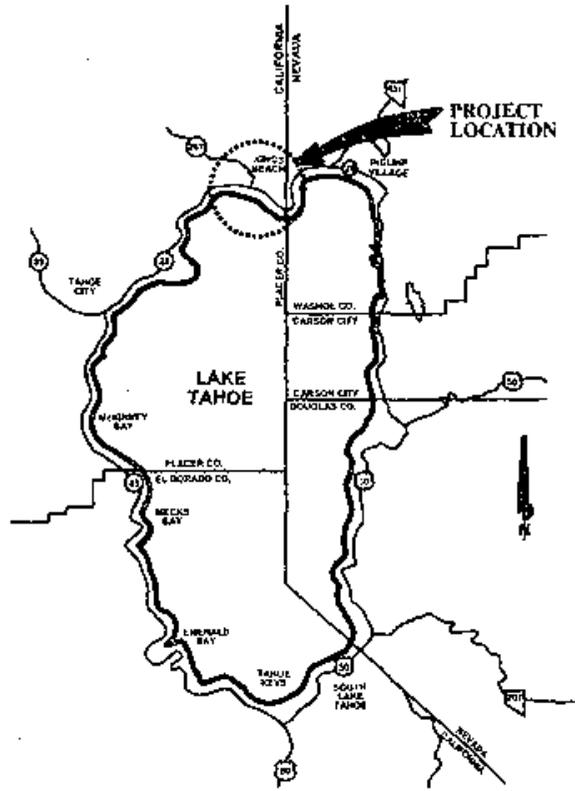
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Resolution No. _____

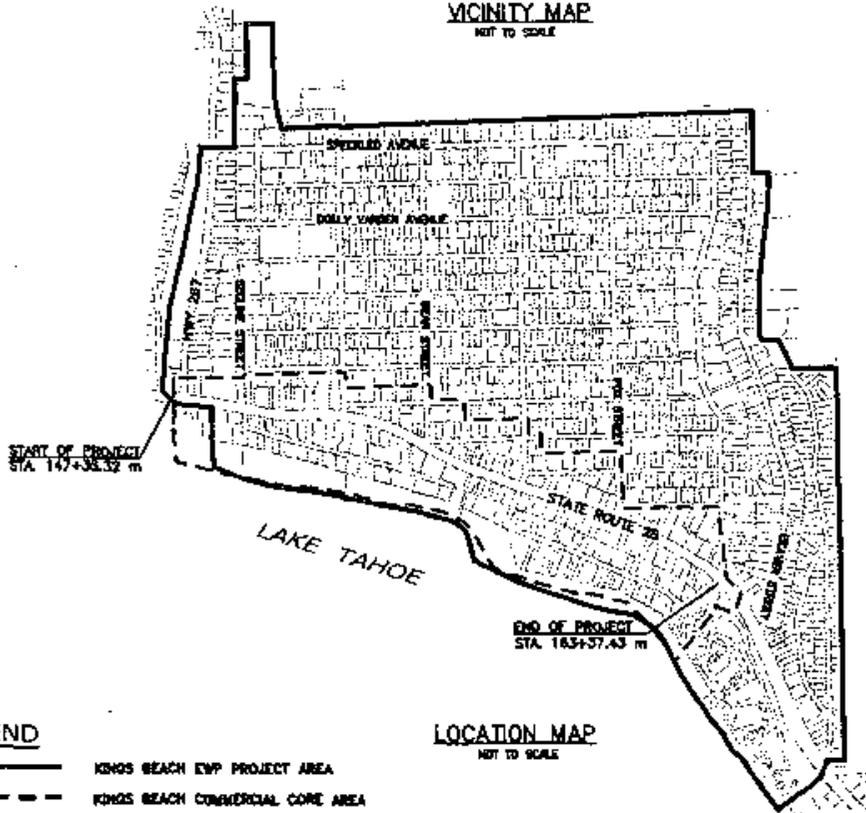
Water Quality and Stream Environment Zone Improvement Project and make the following findings:

1. The mitigated negative declaration has been prepared as required by law.
2. There is no substantial evidence in the record as a whole that the project as revised and mitigated may have a significant effect on the environment.
3. The mitigated negative declaration as adopted for the project reflects the independent judgment and analysis of Placer County, which has exercised overall control and direction of its preparation.
4. The mitigation plan / mitigation monitoring program prepared for the project is approved and adopted.
5. The custodian of records for the project is the Placer County Department of Public Works Director, 3091 County Center Drive, Suite 220, Auburn, CA 95603.

EXHIBIT A



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

LEGEND

- KINGS BEACH EMP PROJECT AREA
- - - - - KINGS BEACH COMMERCIAL CORE AREA

VICINITY AND LOCATION MAP



COUNTY OF PLACER
Department of Public Works

Ken Grehm, Director

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MITIGATION MONITORING AND REPORTING PROGRAM

PROJECT NAME: KINGS BEACH WATER QUALITY AND STREAM ENVIRONMENT ZONE
IMPROVEMENT PROJECT

STATE CLEARINGHOUSE #: 2008082034

REGULATORY BACKGROUND

This Mitigation Monitoring and Reporting Plan (MMRP) was prepared to comply with Section 21081.6 of the Public Resources Code, which requires the following:

"The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation."

This MMRP is intended to ensure the effective implementation of mitigation measures that are within the authority of Placer County to implement (including monitoring where identified) throughout all phases of the development and operation of the Kings Beach Water Quality and Stream Environment Zone Improvement Project (proposed project). Monitoring of such mitigation measures may extend through project permitting, construction, and project operations, as necessary.

The required monitoring and reporting shall be accomplished through the County's Standard Mitigation Monitoring Program and/or the Project Specific Mitigation Monitoring and Reporting Program as defined in the Placer County Code (Chapter 18.28, Mitigation Monitoring and Reporting Program).

PROGRAM IMPLEMENTATION

The MMRP Checklist (Table A-1) lists all mitigation measures identified in the *Kings Beach Water Quality and Stream Environment Zone Improvement Project Environmental Compliance Document (CEQA Mitigated Negative Declaration, Initial Study and Checklist)* for the proposed project. In general, monitoring becomes effective at the time the action is taken on the project. Timing of monitoring is organized as follows:

- o Prior to Construction: The monitoring activity consists of ensuring that a particular mitigation action has taken place prior to the beginning of any construction or grading activities.
- o During Construction: The monitoring activity consists of active monitoring while grading or construction is occurring on the project site.
- o Prior to Operation: The monitoring activity consists of active monitoring after initial site grading and facility construction has occurred, but prior to the initiation of project operations.

- o Ongoing: The monitoring activity consists of monitoring after the grading and construction phase of the project has been completed, and relates to ongoing operation of the project.

The mitigation measures listed in Table A-1 are numbered as they were described in the *Kings Beach Water Quality and Stream Environment Zone Improvement Project Environmental Compliance Document*. Placer County staff will be responsible for implementing and/or ensuring that the mitigation measures listed in the MMRP are undertaken for this project; to the extent such mitigation measures apply to the project within Placer County. Implementation includes ensuring that any required actions are included in bid documents and contracts as part of the design/build process for the project, and ensuring that the Contractor(s) include specified mitigation activities in plans and specifications for construction. Placer County staff responsibility includes designation of certain mitigation measure responsibility to, and continued oversight of, the Contractor(s) and Consultant(s).

TABLE A-1: MITIGATION MONITORING AND REPORTING PROGRAM CHECKLIST FOR THE KINGS BEACH WATER QUALITY AND STREAM ENVIRONMENT ZONE IMPROVEMENT PROJECT

MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
I. AESTHETICS				
<i>No mitigation measures required.</i>				
II. AGRICULTURAL RESOURCES				
<i>No mitigation measures required.</i>				
III. AIR QUALITY				
Item III-1 Mitigation Measure To control wind-borne dust, the construction Contractor shall securely cover all dump/haul truckloads, and water all exposed disturbed soil twice daily or as needed.	DPW or its Contractor	DPW	During Construction	
Item III-2 Mitigation Measure The construction Contractor shall remove all dirt and mud, generated from their activities, from adjacent streets within the Project site as necessary and not less than three times per week.	DPW or its Contractor	DPW	During Construction	
Item III-3 Mitigation Measure All unpaved surfaces shall have a maximum vehicular speed limit of 15 miles per hour.	DPW or its Contractor	DPW	During Construction	
Item III-4 Mitigation Measure The construction Contractor shall comply with the PCAPCD Rule 228 Fugitive Dust during the duration of the construction Project. This is to ensure emissions do not exceed hourly levels.	DPW or its Contractor	DPW	During Construction	
Item III-5 Mitigation Measure When not in use, the construction Contractor shall keep equipment idling to a minimum.	DPW or its Contractor	DPW	During Construction	
Item III-6 Mitigation Measure A publicly visible sign shall be posted on the Project site by the construction Contractor for the duration of the Project. This sign shall have the telephone number of the person and agency to contact for any complaints and/or inquires related to dust generation and other air quality problems resulting from the construction and/or construction activities of the Project.	DPW or its Contractor	DPW	During Construction	

¹ The department listed in the Implementing Responsibility column is the department responsible for conducting the mitigation measure.

² The department listed in the Monitoring Responsibility column is responsible for verifying that compliance with the mitigation measure occurs and that all monitoring and reporting is completed

³ Responsible Entity: PLN-Planning Department, DPW-Department of Public Works (Engineering & Surveying), EHS-Environmental Health Services, APCD-Air Pollution Control District.

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
IV. BIOLOGICAL RESOURCES				
<p>Item IV-1 Mitigation Measure: Prior to commencement of Project activities, the Project proponent shall consult with the LTBMU biologist to verify that no new California spotted owl nests are present within 0.25 mile of the Project area. If an active nest is identified a 0.25 mile buffer shall be delineated around the nest site and a Limited Operating Period (LOP)* shall be instated from March 1 to August 15 to reduce noise impacts originating from any portion of the Project area that falls within the buffer zone.</p>	DPW or its Consultant	DPW	Prior to Construction	
<p>Item IV-2 Mitigation Measure: Prior to commencement of Project activities, the Project proponent shall consult with the LTBMU biologist to verify that no new northern goshawk nests are present within 0.25 mile of the Project area. If an active nest is identified, a 0.25 mile buffer shall be delineated around the nest site and a Limited Operating Period (LOP) shall be instated from February 15 to September 15 to reduce noise impacts originating from any portion of the Project area that falls within the buffer zone.</p>	DPW or its Consultant	DPW	Prior to Construction	
<p>Item IV-3 Mitigation Measure: Prior to commencement of Project activities, the Project proponent shall consult with the LTBMU biologist to verify the status of both Sierra Nevada yellow-legged frogs and northern leopard frogs within the Project area. A qualified biologist shall be on site during any streambed altering activities to monitor for the presence of frogs and shall implement standard management practices for the protection of individuals discovered within Project affected areas.</p>	DPW or its Contractor	DPW	Prior to Construction	
<p>Item IV-4 Mitigation Measure: No willow flycatchers were detected during the 2007 protocol level surveys. Additional protocol level surveys for willow flycatcher shall occur between May and July of the first year of construction, prior to any construction activities. If an active nest is identified, a buffer zone within suitable habitat shall be delineated around the nest site and a Limited Operating Period (LOP) shall be applied from June 1 to August 31 for any portion of the Project area that falls within the buffer zone.</p>	DPW or its Contractor	DPW	Prior to Construction	

* A Limited Operating Period constitutes a period during which project activities would not occur and is enforced in project implementation contracts. For California spotted owl, the LOP is between March 1 and August 31. For willow flycatcher, the LOP is between June 1 and August 31. For northern goshawk, the LOP is between February 15 and September 15.

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
IV. BIOLOGICAL RESOURCES (CONT.)				
<p>Item IV-5 Mitigation Measure: Prior to completion of final design for the Project, the Project biologist shall conduct a protocol-level survey for Tahoe yellow cress, consistent with the guidelines provided in the <i>Conservation Strategy for Tahoe Yellow Cress</i> (Pavlik et al. 2002). The protocol requires annual surveys between June 15 and September 30. The project biologist shall also conduct a survey just prior to construction to insure that no plants have become established. Surveys will include beach and associated backshore segments that will be disturbed by Project activity. All information will be recorded on Tahoe yellow cress Plant Survey Forms and provided to Nevada Natural Heritage Program (NNHP) and California Natural Diversity Database (CNDDDB). If plants are found to be present and potentially affected by Project activities, the following mitigation measures will be implemented to ensure less-than-significant impacts to this species: 1) to restrict access, sites will be fenced and signs posted; 2) if necessary, Project design will be modified to avoid disturbing established plants.</p>	DPW or its Contractor	DPW	Prior to Construction	
<p>Item IV-6 Mitigation Measure: Construction documents shall include an Invasive Weed Management Plan which includes best management practices regarding the use of equipment to insure control of invasive species. In addition, seed mixes and mulch shall be certified as weed-free (including cheat grass, mullein and bull thistle), and mycorrhizae shall be used to enhance the establishment of native plants. The LTBMU botanist shall also survey the Project every year during Project construction and for three years following completion to insure the Invasive Weed Management Plan is being carried out by the Contractor. See also the mitigation measures outlined in the Noxious Weed Risk Assessment prepared for this Project [see Appendix B of Appendix D (BA/BE)]. Occurrences of bull thistle must be reported to Placer County Department of Agriculture.</p>	DPW or its Contractor	DPW	Prior to and During Construction	
<p>Item IV-7 Mitigation Measure: Prior to finalization of Project designs, the potential wetland habitats in the Griff Creek SEZ will be surveyed in accordance with agency guidance, and the Project design will be modified as needed to avoid construction within delineated wetland areas or other direct impacts to wetlands (i.e., increased discharge of sediments). Temporary fence will also be erected as appropriate to avoid disturbance of any wetland habitat during Project construction.</p>	DPW or its Contractor	DPW	Prior to Construction	

MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
IV. BIOLOGICAL RESOURCES (CONT.)				
<p>Item IV-8 Mitigation Measure: Any vegetation disturbed, or removed, will be re-seeded, re-planted and/or restored to the pre-project condition through the revegetation plan associated with the Project design plans. Vegetation within the creek, and adjacent areas, will be salvaged as much as possible (dependent on its condition) and will additionally be restored to SEZ conditions through the vegetation plan, during the design process.</p>	DPW or its Contractor	DPW	During Construction	
V. CULTURAL RESOURCES				
<p>Item V-1 Mitigation Measure: Prior to construction, a 10-meter (33-foot) buffer surrounding site CA-PLA-1258 will be delineated with temporary "environmentally sensitive area" (ESA) fencing to protect the resource. The fencing will remain until completion of construction activities in the area.</p>	DPW or its Contractor	DPW	Prior to Construction	
VI. GEOLOGY AND SOILS				
<p>Item VI-1 Mitigation Measure: The contract specifications shall require the contractor to prepare and implement an Excavation Safety Plan. The Plan shall identify the methods for excavation stabilization (e.g., trench shoring) for all excavations and demonstrate compliance with all federal, state, and local regulations.</p>	DPW or its Contractor	DPW	Prior to and During Construction	
<p>Item VI-2 Mitigation Measure: The Storm Water Pollution Prevention Plan (SWPPP) required for the Project shall include, at a minimum, description of best management practices ensure the following:</p> <ul style="list-style-type: none"> ▪ Prevention of debris, soil, organic material, or other foreign materials entering water courses or stream environment zone (SEZs); ▪ Prevention of erosion of construction areas by runoff and ravin (i.e., direct surface drainage away from excavations and construction areas); ▪ Minimization of areas of disturbance of soil; ▪ Location of stockpiled soil/sediment away from water courses or SEZs; ▪ Stabilization of potentially unstable slopes; ▪ Revegetation of exposed soils as early as feasible; ▪ Prevention of long-term exposure of disturbed soils to wind or water erosion; and ▪ Retention of existing vegetation to the extent feasible to minimize exposed soil. 	DPW or its Contractor	DPW	Prior to and During Construction	

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
VI. GEOLOGY AND SOILS (CONT.)				
<p>Item VI-3 Mitigation Measure: All groundwater removed from excavations (i.e., dewatering effluent) shall be managed according to TRPA Code of Ordinances Chapter 64 and Lahontan RWQCB "Project Guidelines for Erosion Control" and applicable Waste Discharge Requirements. All dewatering effluent shall be applied to the ground surface under controlled management to permit infiltration into the subsurface and prevent runoff of effluent to storm drains or stream channels. The SWPPP required for the Project shall, at a minimum, include the following best management practices:</p> <ul style="list-style-type: none"> ▪ Provisions for the storage of pumped groundwater; ▪ Methods for sampling and testing of water quality prior to discharge conforming to Lahontan RWQCB permitting requirements (including but not limited to Board Order R6T-2004-2005); ▪ Methods for off-site disposal (including identification of disposal site), if applicable; and ▪ Conformance with excavation requirements of the Uniform Building Code and Chapter 64 of the TRPA Code of Ordinances. 	DPW or its Contractor	DPW	During Construction	
VII. HAZARDS AND HAZARDOUS MATERIALS				
<p>Item VII-1 Mitigation Measure: Mitigation Measure HAZ-1 Contract specifications for the Project require the contractors performing excavation work within or adjacent to known sites of hazardous materials releases to conform with all federal and state requirements for protection of worker health and safety and environmental protection during management of construction activities at hazardous materials sites. The Contractor shall be required to prepare a Health and Safety Plan (HASP) for all site personnel in accordance with the 29 CFR 1910.120, the DTSC, and Cal-OSHA regulations. Additionally, the HASP shall include a Project-specific Lead Compliance Plan approved by an industrial hygienist certified in comprehensive practice by the American Board of Industrial Hygiene will be implemented in accordance with CCR Title 8, Section 1532.1 (Title 8, "Lead").</p> <p>(continued on next page)</p>	DPW or its Contractor	DPW	Prior to and During Construction	

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
VII. HAZARDS AND HAZARDOUS MATERIALS (CONT.)				
<p>Item VII-1 Mitigation Measure: Mitigation Measure HAZ-1 (Cont.): The HASP will include a plot plan depicting exclusion zones and clear zones as defined by <i>CCR, Title 26</i>, a schedule of procedures, sampling and testing procedures, and physical barrier requirements. The plan will be approved by a civil engineer registered in the State of California and by an industrial hygienist certified by the American Conference of Governmental Industrial Hygienists (ACGIH) and will then be submitted for review and acceptance by the Project Engineer at least 10 working days prior to beginning any excavation. Upon approval by the Project Engineer, the Contractor shall be required to comply with the provisions of the approved HASP. All personnel working within areas of confirmed or potential contamination will complete a safety training program that meets the requirements of the Contractor's HASP. The Contractor will provide the training and a certification of the safety training program to all personnel.</p>	(see previous page)	(see previous page)	(see previous page)	(see previous page)
<p>Item VII-2 Mitigation Measure: Contract specifications require that the contractor(s) obtain an EPA hazardous waste generator identifier number (EPA ID#) for this Project. The EPA ID# shall be displayed on all containers holding hazardous waste. The waste will be stored within the Project limits and in a secure enclosure for no more than 90 days prior to disposal. Containers will conform to the requirements of the U.S. Department of Transportation for the transportation and temporary storage of the materials contained within and will be handled such that no spillage occurs. Labels will conform to the requirements of <i>CCR Title 22</i>.</p>	DPW or its Contractor	DPW	Prior to and During Construction	
<p>Item VII-3 Mitigation Measure: Contract specifications require that the contractor(s) to prepare a Storm Water Pollution Prevention Plan (SWPPP) as required by Mitigation Measure WQ-1. The SWPPP shall identify methods of the safe storage, use, and transport of any hazardous materials associated with construction activities. The information shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> ▪ Identification of designated areas for storage of hazardous substances; ▪ Expected inventory of all hazardous substances transported to and used or stored at the site; ▪ Description of "good housekeeping" best management practices for the storage and use of hazardous substances; ▪ Description of hazardous substance spill response. 	DPW or its Contractor	DPW	Prior to Construction	

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8611

MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
VII. HAZARDS AND HAZARDOUS MATERIALS (CONT.)				
<p>Item VII-4 Mitigation Measure: During excavation activities in areas within 500 feet of known hazardous materials release sites, monitoring will be conducted for petroleum hydrocarbon contamination with a photo ionization detector (PID), combustible gas meter, or similar equipment as approved by Placer County. Work will stop immediately if suspected contamination is encountered, and the Project Engineer shall be notified immediately. Upon confirmation of contamination, the Project Engineer will assess the Project design and obtain the required approvals to modify the design to avoid conflicts with the contaminated material and/or any on-going or future remediation projects. All encountered contamination will be addressed and handled appropriately, as described herein. Placer County will provide records regarding any contamination encountered during this Project to any appropriate requesting party. Appropriate requesting parties include, but are not limited to, the Lahontan Regional Water Quality Control Board, Placer County Health and Human Services – Environmental Health, any responsible party or potentially responsible party, or the designated environmental consultant to any responsible party or potentially responsible party. All soil and groundwater materials removed during construction activities that have been deemed hazardous in accordance with the testing and sampling procedures shall be placed in labeled containers and disposed of appropriately in a manner following the procedures outlined in the HASP (see Mitigation Measure HAZ-2). Excavated soils that have been deemed hazardous will not be used as backfill material, and a water truck or other approved water spraying device will be on site at all times during excavation of hazardous or potentially hazardous materials to prevent particles from becoming airborne.</p>	<p>DPW or its Contractor</p>	<p>DPW</p>	<p>During Construction</p>	
<p>Item VII-5 Mitigation Measure: All construction equipment that normally contains a spark arrester will be fitted with an arrester in good working order as required by Placer County in order to minimize this construction-related fire ignition source. Equipment to be fitted with spark arresters will include, but not be limited to, heavy equipment and chainsaws.</p>	<p>DPW or its Contractor</p>	<p>DPW</p>	<p>During Construction</p>	
<p>Item VII-6 Mitigation Measure: Dry vegetation and other potential fire fuels located within construction area limits and near where any equipment will be operated will be cleared by the construction contractor as required by Placer County and to the extent feasible.</p>	<p>DPW or its Contractor</p>	<p>DPW</p>	<p>During Construction</p>	

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
VIII. HYDROLOGY AND WATER QUALITY				
<ul style="list-style-type: none"> ▪ Item VIII-1 Mitigation Measure: Placer County shall prepare a Storm Water Pollution Prevention Plan (SWPPP) for construction BMPs and drainage plans for the Project in accordance with Tahoe Regional Planning Agency (TRPA) and Lahontan Regional Water Quality Control Board (LRWQCB) requirements for storm water pollution prevention. The Storm Water Pollution Prevention Plan (SWPPP) will include a Dust Suppression Plan, and Dewatering Plan to be submitted to TRPA and LRWQCB for review and approval. The SWPPP shall include, at a minimum, the following information: ▪ Identification of potential sources of pollutants (including known areas of known past releases of contaminants); ▪ Identification of existing drainage patterns and slopes; ▪ Method of protection for all storm water inlet points and/or discharge points to receiving waters; ▪ Identification of areas of soil or solid waste storage, construction vehicle storage, construction material loading/unloading, and equipment maintenance (if any); ▪ Description of BMPs for control of discharges related to waste handling and disposal; ▪ Description (including mapping of) of post-construction BMPs and identification of agency or party responsible for long-term maintenance of these BMPs; ▪ Inventory of all materials used with the potential to contribute to the discharge of pollutants; <p>(continued on next page)</p>	DPW or its Contractor	DPW	Prior to Construction	

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
VIII. HYDROLOGY AND WATER QUALITY (CONT.)				
<p>▪ Item VIII-1 Mitigation Measure (Cont.):</p> <ul style="list-style-type: none"> ▪ Identification of all BMPs to protect against discharges to Griff Creek or other stream environment zones. The alternatives for BMPs shall: <ol style="list-style-type: none"> 1. Prevent silt, eroded materials, construction debris, concrete or washings thereof, or hazardous substances from being introduced into any watercourse, stream, or storm drain system; 2. Provide for diversion of stream flows around construction areas within stream channels (e.g. temporary upstream diversion to pipeline with energy dissipation at flow return point); 3. Ensure that storm water runoff does not cause erosion of exposed soil within stream environment (e.g., covering of exposed soil with mulch, fiber matting, or vegetation, stabilization of soil, and/or diversion of surface flow away from and around exposed areas near streams); 4. Provide for monitoring of Griff Creek flows; in-stream (and diversion) activities shall take place when the creek is at base flow; 5. Prohibit the stockpiling of soil, storage of hazardous materials, and stockpiling of construction materials in flood zones or SEZs during the rainy periods or during spring runoff; and 6. Minimize the potential for any other discharge of soil or other material does not have an adverse effect on receiving waters or cause or contribute to a violation of water quality standards. 	(see previous page)	(see previous page)	(see previous page)	(see previous page)
<p>Item VIII-2 Mitigation Measure: Daily inspections will be conducted during construction on all existing BMPs in the Project area. Should any deficiencies be noted on an inspection log. Remedial actions by Placer County staff and/or the contractor shall be initiated immediately and also recorded on the inspection log. The inspection log shall be kept on-site and made available to inspection staff of permitting agencies, including TRPA and RWQCB.</p>	DPW or its Contractor	DPW	During Construction	
<p>Item VIII-3 Mitigation Measure: Placer County staff shall monitor weather reports on a daily basis during the construction period to notify the contractor of any forecasted adverse weather conditions and ensure the implementation of measures to prevent erosion and transport of sediment away from construction areas during storm events.</p>	DPW or its Contractor	DPW	During Construction	

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
VIII. HYDROLOGY AND WATER QUALITY (CONT.)				
<p>Item VIII-4 Mitigation Measure: As necessary and not less than three times per week, all dirt and mud that has been generated from or deposited by construction activities will be removed from all adjacent streets by street sweeping.</p>	DPW or its Contractor	DPW	During Construction	
<p>Item VIII-5 Mitigation Measure: Placer County will prepare a Sampling and Analysis Plan (SAP) to be included as part of the SWPPP. The SAP will identify water quality sampling locations and procedures to identify threats to water quality during storm events. The SAP shall include sampling and testing procedures for sediment and siltation as prescribed by the General Permit for Storm Water Discharges Related to Construction Activities (or as modified by the RWQCB).</p>	DPW or its Contractor	DPW	Prior to Construction	
IX. LAND USE AND PLANNING				
<i>No mitigation measures required.</i>				
X. MINERAL RESOURCES				
<i>No mitigation measures required.</i>				
XI. NOISE				
<p>Item XI-1 Mitigation Measure: The construction contractor shall employ noise-reducing construction practices to reduce impacts to sensitive uses during daytime hours. Measures that can be used to reduce noise may include, but are not limited to the following:</p> <ul style="list-style-type: none"> ▪ Locating equipment as far as practical from noise sensitive uses. ▪ Using sound control devices such as mufflers on equipment. ▪ Turning off idling equipment. ▪ Using equipment that is quieter than standard equipment. ▪ Selecting construction access routes that affect the fewest number of people. ▪ Using noise reducing enclosures around noise generating equipment. ▪ Constructing barriers between noise sources and noise sensitive uses or by taking advantage of existing barrier features such (terrain, structures) to block sound transmission. 	DPW or its Contractor	DPW	During Construction	

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
XI. NOISE (CONT.)				
<p>Item XI-2 Mitigation Measure: Prior to construction, the contractor shall notify all residences in writing within 300 feet of construction areas. The contractor shall make available construction scheduling and assign a noise disturbance coordinator to be in charge of responding to complaints. The coordinators contact information will be clearly displayed on construction fencing. The coordinator will determine causes of complaints and ensure reasonable corrective actions are taken to solve the problem.</p>	<p>DPW or its Contractor</p>	<p>DPW</p>	<p>Prior to and During Construction</p>	
XII. POPULATION AND HOUSING				
<i>No mitigation measures required.</i>				
XIII. PUBLIC SERVICES				
<i>No mitigation measures required.</i>				
XIV. RECREATION				
<p>Item XIV-1 Mitigation Measure: Prior to construction activities at Kings Beach SRA and Kings Beach Elementary School, Placer County will coordinate with the agencies with authority over these facilities to provide advanced notice of construction activities. Construction in these areas will be limited to off peak times (May 1 – Memorial day or Labor day to October 15) in order to minimize the impact to the recreating public. During construction, unauthorized persons shall be restricted from the construction areas. Additionally, the County shall ensure that the construction footprint is kept to a minimum and that all disturbed areas are restored to their pre-construction condition.</p>	<p>DPW or its Contractor</p>	<p>DPW</p>	<p>Prior to and During Construction</p>	

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MITIGATION MEASURE	IMPLEMENTING RESPONSIBILITY ^{1,3}	MONITORING RESPONSIBILITY ^{2,3}	TIMING AND FREQUENCY	VERIFICATION OF COMPLIANCE (INITIALS/DATE)
XV. TRANSPORTATION AND TRAFFIC				
<p>Item XV-1 Mitigation Measure: During the final stage of Project design Placer County will require its Contractor to prepare a Construction Traffic Management Plan (TMP) in accordance with the <i>Manual on Uniform Traffic Control Devices</i>, California Supplement 2003, Part 6 Temporary Traffic Control (or current version) (American Association of State Highway and Transportation Officials 2003) and Caltrans draft <i>Guidelines for Projects Located on the California State Highways in the Lake Tahoe Basin</i> (California Department of Transportation n.d.). This plan will ensure that local traffic is accommodated and that access to businesses and residences is maintained during construction activities.</p> <p>Furthermore, the TMP will promote driver and road safety, ensure safety for bicyclists and pedestrians within the construction area, and allow adequate emergency access for police, fire, ambulance, and other emergency vehicles. The TMP will also require the construction contractor to notify law enforcement, fire protection, and emergency medical services at least 1 week prior to implementation of detours or lane closures so that these entities may plan accordingly. These notifications will include the location and duration of closures. Additionally, emergency vehicles will be allowed access to any sections of roadway that have been closed for construction.</p>	DPW or its Contractor	DPW	Prior to and During Construction	
<p>Item XV-2 Mitigation Measure: Construction workers will be encouraged to carpool to the work site to reduce traffic to and within the Project area. Additionally, the contractor would provide parking in staging areas where feasible.</p>	DPW or its Contractor	DPW	During Construction	
XVI. UTILITIES AND SERVICE SYSTEMS				
<p>Item XVI-1 Mitigation Measure: Prior to commencement of excavation and grading activities, the contractor shall be required to notify USA Alert to establish the location of all know utility facilities. For excavation within the area of know utility lines, the contractor shall 1) notify the appropriate utility and 2) "pothole" (i.e., probe the ground to the suspected depth of utility features) to verify the presence or absence of suspected facilities prior to commencing excavation activities.</p>	DPW or its Contractor	DPW	During Construction	

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