

DEPARTMENT OF THE ARMY

Los Angeles District, Corps of Engineers South Coast Branch, Carlsbad Field Office 6010 Hidden Valley Road, Suite 105 Carlsbad, CA 92011

January 7, 2011

REPLY TO ATTENTION OF:

Office of the Chief Regulatory Division

DEPARTMENT OF THE ARMY NATIONWIDE PERMIT AUTHORIZATION

Alan Colton San Diego Gas & Electric Company 8315 Century Park Court, CP21G San Diego, California 92123-1548

Dear Mr. Colton:

This is in reply to your application (File No. SPL-2007-00704-SAS), dated September 10, 2009, for a Department of the Army (DA) Permit to discharge fill material into waters of the United States (U.S.) in association with the San Diego Gas & Electric Company's (SDG&E) proposal to construct the Sunrise Powerlink Project (Sunrise Powerlink), a power transmission line along an approximately 120-mile alignment from the Imperial Valley Substation in Imperial County, California to the Sycamore Canyon Substation in the County of San Diego, California (Enclosure 1). Your application for DA authorization is for the Final Environmentally Superior Southern Route (FESSR) alternative identified in the Final Environmental Impact Report/Final Environmental Impact Statement (FEIR/FEIS) released on October 13, 2008, as prepared by the Bureau of Land Management (BLM) and the California Public Utilities Commission (CPUC). A Subsequent Project Modification Report (PMR), submitted on May 12, 2010, includes alignment modifications made by SDG&E that supersede the FESSR, which are represented in Enclosure 1.

Based on the information you have provided, the U.S. Army Corps of Engineers Regulatory Division (Corps) has determined that your proposed activity complies with the enclosed terms and conditions of Nationwide Permit No. (NWP) 12, *Utility Line Activities*, as described in Enclosure 2, and NWP 3, *Maintenance*, as described in Enclosure 3.

Specifically, you are authorized to:

- 1. Construct Sunrise Powerlink as described in the Pre-Construction Notification, originally submitted to the Corps on September 28, 2009, and its subsequent revisions (last revision submitted on October 29, 2010). A detailed project description can be found in Attachment 1 of this permit authorization. Sunrise Powerlink shall permanently discharge fill material into no more than 2.88 acres of waters of the U.S. and temporarily discharge fill material into no more than 7.08 acres of waters of the U.S. with the construction of 135 "single and complete projects" [as defined for linear projects in 33 Code of Federal Regulations (CFR) 330.2(i)]. The enclosed table entitled Sunrise Powerlink Impacts to Waters of the U.S. within NWP 12 Single and Complete Projects (Enclosure 4) lists all permanent and temporary impacts within waters of the U.S. for each single and complete project authorized by NWP 12. As described in your permit application and in other correspondence, additional avoidance shall be achieved where determined feasible during construction (e.g., EP 113-4).
 - a. Authorized permanent impact types are as follows: the discharge of fill material for permanent tower structure pads, permanent construction and maintenance pads, access roads, tower structure access pads, and the Suncrest Substation.
 - b. Authorized temporary impact types are as follows: the discharge of fill material for temporary construction and maintenance pads, construction yards, wire installation and temporary pull sites (stringing areas), and temporary access roads. The construction period associated with all temporary construction features and temporary construction activities occurring within waters of the U.S. shall not exceed six (6) months.
- 2. Permanently impact an additional 0.09 acre of waters of the U.S. as detailed in the enclosed table entitled *Sunrise Powerlink Impacts to Waters of the U.S. within NWP 3 Activity Areas* (Enclosure 5) for existing access road maintenance.

The Mapbook Containing Project Overview and Detailed Mapsheets, received by the Corps on August 9, 2010 and incorporated in this permit authorization by reference, displays the Sunrise Powerlink alignment and construction components overlaid with the impacted waters of the U.S. for both NWP 12 and NWP 3 activities.

Furthermore, you must comply with the following non-discretionary Special Conditions:

Mitigation

1. The Permittee shall mitigate for impacts to waters of the U.S. through

implementation of the Corps-approved conceptual mitigation plan entitled Conceptual Habitat Mitigation and Monitoring Plan: Sunrise Powerlink (dated October 2010, and prepared by WRA), referred to herein as the Conceptual Habitat Mitigation and Monitoring Plan (HMMP), which shall be revised and approved by the Corps as the Final HMMP prior to construction within waters of the U.S. The Conceptual HMMP proposes the preservation, enhancement, and restoration of approximately 115 acres of waters of the U.S. at five (5) mitigation sites, listed as follows: Desert Cahuilla, Suckle, Long Potrero, Lightner, and Chocolate Canyon. The Permittee shall implement compensatory mitigation at these five (5) sites to replace the lost functions and services resulting from unavoidable permanent and temporary impacts to waters of the U.S. as shown in Tables 1 and 2 of Attachment 2. All mitigation measures contained in the Corps-approved Final HMMP shall apply only to the DA-authorized impacts in association with Sunrise Powerlink; no mitigation credit shall be granted or "banked" by the Permittee or any other affected 3rd party for future DA authorizations or potential unauthorized activities that result in impacts to waters of the U.S.

- 2. Prior to initiating construction in waters of the U.S., the Permittee shall submit to the Corps a Final HMMP prepared in accordance with the Corps' Los Angeles District Mitigation Guidelines and Monitoring Requirements, dated April 19, 2004, and the Mitigation Rule [33 C.F.R. Part 332; 73 FR 19670-19687 (April 10, 2008)]. No work within waters of the U.S. is authorized until the Permittee receives, in writing (by letter or e-mail), Corps approval of the Final HMMP. The Final HMMP shall address the replacement of the lost functions and services resulting from the permanent loss of 2.97 acres of waters of the U.S. (NWP 12 and NWP 3 activities) and the temporary loss of 7.08 acres of waters of the U.S. through the preservation, restoration, and enhancement of approximately 115 acres of waters of the U.S. Revisions to the approved Final HMMP are expected, and SDG&E will coordinate with the Corps, State Water Resources Control Board (SWRCB), and the California Department of Fish and Game (CDFG) to ensure the HMMP meets Corps requirements and does not conflict with other agency requirements. Impacts within waters of the U.S. may begin prior to revision; however, all revisions must be complete within 90 days of issuance of this permit verification letter. The final 25% of impacts to waters of the U.S., which shall be identified by the Permittee (by single and complete project number) within 30 days of issuance of this permit verification letter, may not occur until the revisions are approved by the Corps.
- 3. The Final HMMP shall be submitted as five (5) documents [or five (5) sections within one (1) document], separated by each mitigation site. Subsequent annual monitoring reports of each mitigation site shall also be submitted as five (5) separate documents [or five (5) sections within one (1) document]. All maps and

drawings shall be in compliance with the Final Map and Drawing Standards for the Los Angeles District Regulatory Division dated September 15, 2010. The Final HMMP shall include the required elements listed in 33 CFR 332.4(c)(2) – (c)(14) at a level of detail commensurate with the scale and scope of the impacts being authorized. Substantial changes in the Final HMMP, as compared to the Conceptual HMMP and determined by the Corps, may result in additional Corps review periods, permit suspension, and/or permit revocation. The Final HMMP shall include, but not be limited to, the following topics:

- A statement of the Corps-approved approach to the site-protection mechanism for each mitigation site, as required in Special Condition No. 10;
- A statement of the expected 3rd party long-term land managers for each mitigation site as required in Special Condition No. 10, subject to Corps approval;
- Specifications and topography-based grading and planting design within restoration and enhancement activity areas on the Suckle, Long Potrero, Lightner, and Chocolate Canyon mitigation sites;
- d. A final implementation and monitoring schedule, as a table, that indicates when all mitigation activities are expected to occur at each mitigation site;
- e. A planting plan that documents the timing (schedule of planting), revegetation methods, sources of plant materials, and the plant installation pattern/model such that the revegetation mimics natural plant distribution (e.g., random distribution rather than uniform rows); and
- f. Schedule and methods for the minimum five (5) years of maintenance, monitoring, and attainment of performance standards for waters of the U.S. mitigation areas.
- 4. Monitoring reports in accordance with the Final HMMP for compensatory mitigation activities clearly referencing Corps File No. SPL-2007-00704-SAS shall be submitted to the Corps annually by October 31st, after the annual maintenance and monitoring has been performed, for a minimum of five (5) years or as required until performance standards have been met.
- 5. Within 45 calendar days of complete installation of mitigation at each mitigation site, the Permittee shall submit to the Corps a memo [submitted separately for each mitigation site, followed by a comprehensive memo summarizing the complete installation of mitigation at all five (5) mitigation sites] indicating the following:
 - Date(s) all mitigation was installed and monitoring was initiated;
 - Schedule for future mitigation activities, such as replanting, pursuant to the approved Final HMMP;

- Summary of compliance status with each Special Condition of this permit related to mitigation (including any noncompliance previously occurred, or currently occurring, and corrective actions taken to achieve compliance);
- d. Color photographs taken before, during, and immediately following installation and then annually thereafter from permanent locations. Photo locations, direction/bearing, and summary of view will be mapped in the field and on an aerial photograph to be included in each monitoring report; and
- e. One (1) copy of "as-built" drawings (all sheets must be signed, dated, to-scale, and no larger than 11 x 17 inches) for the following mitigation sites that will require restoration and/or enhancement activities as compensatory mitigation: Suckle, Long Potrero, Lightner, and Chocolate Canyon.
- 6. Your responsibility to complete the required compensatory mitigation as set forth in the Corps-approved Final HMMP (described in Special Condition No. 1, 2, and 3) shall not be considered fulfilled until you have demonstrated compensatory mitigation project success and have received written verification (by letter or e-mail) of that success from the Corps. The Permittee retains ultimate responsibility for meeting the requirements of the Final HMMP.
- 7. Temporary construction features and activities that result in impacts within waters of the U.S. shall not remain in place for longer than twelve (12) months. All temporarily impacted waters of the U.S. shall be restored to their preconstruction conditions (i.e., restoration of original elevations and contours and revegetation of appropriate native plant species if applicable) immediately following the time period necessary for the temporary impact area [no longer than twelve (12) months] to minimize temporal loss of the functions and services of these waters of the U.S.
- 8. The Permittee shall restore all temporarily impacted areas within waters of the U.S. in accordance with Appendix A of the Conceptual HMMP, entitled Restoration Plan for Temporary Impacts to "Waters", and (as applicable to the restoration of temporary impacts to waters of the U.S.) the Restoration Plan for Sensitive Vegetation Communities in Temporary Impact Areas, dated September 24, 2010. In addition, any modifications made to Appendix A as part of the Corps' approval of the Final HMMP shall become requirements of this DA permit authorization. A minimum of five (5) years of mitigation and monitoring shall be required until all performance standards have been achieved within the on-site temporary impact restoration areas. Your responsibility to complete the required on- and off-site mitigation as set forth in the Final HMMP, Appendix A of the Conceptual HMMP, and, as applicable to the restoration of impacts to waters of the

U.S., the Restoration Plan for Sensitive Vegetation Communities in Temporary Impact Areas shall not be considered fulfilled until you have successfully achieved the performance standards stipulated in the Corps-approved Final HMMP and have received written verification (by letter or e-mail) of that success from the Corps.

- 9. Monitoring reports in accordance with the Appendix A of the Conceptual HMMP (which may be modified in the Corps-approved Final HMMP) for the on-site revegetation of temporary impact areas clearly referencing Corps File No. SPL-2007-00704-SAS shall be submitted to the Corps annually by October 31st, after the annual maintenance and monitoring has been performed, for a minimum of five (5) years or as required until performance standards have been met.
- In accordance with 33 CFR 332.7, the Permittee shall record site-protection mechanism, in a form approved by the Corps, which shall run with the land, obligating the Permittee, its successors, and assigns to protect and maintain Desert Cahuilla, Suckle, Long Potrero, Lightner, and Chocolate Canyon mitigation sites (as shown in the Conceptual HMMP) as natural open space in perpetuity. The Permittee shall submit draft site-protection mechanisms for Corps approval for the five (5) mitigation sites in advance of or concurrent with impacts within waters of the U.S. The Permittee shall also submit a detailed timeframe and action plan addressing the progress for achieving site protection (e.g., steps in the land acquisition/transfer process, identification of land managers and site-protection mechanisms, agency planning documentation) for each mitigation site within 30 days of the date of issuance of this permit verification letter.

The site-protection mechanisms shall preclude establishment of fuel modification zones, paved public trails, maintained public trails, maintenance access roads and/or future easements. Further, to the extent practicable, any such facilities outside the site-protection mechanisms shall be sited to minimize indirect impacts on the avoided, created, restored, and enhanced wetland and non-wetland waters of the U.S. The site-protection mechanisms (documents) must also provide for the long-term management of the mitigation sites under the direction and control of the land-management entity approved by the Corps. The Permittee shall receive written approval (by letter or e-mail) from the Corps' Regulatory Division of the draft site-protection mechanisms prior to them being executed and recorded. Costs of the site-protection mechanism and any related documents, including state and/or Federal environmental and legal documents and process costs, will be borne by the Permittee. The Corps shall not consider the reduction of the financial assurance (required per Special Condition No. 12) until the site-protection mechanisms for all mitigation sites are recorded [e.g.,

recordation of a Conservation Easement (CE), amended Land and Resource Management Plan to ensure protection in perpetuity as stated in the Final HMMP, etc.).

The Corps shall require a Conservation Easement (CE) as the site-protection instrument for each of the five (5) mitigation sites. The draft CE must include a 3rd party easement holder qualified to hold easements pursuant to California Civil Code section 815.3 and Government Code section 65965. The CE must provide that the 3rd party easement holder, or such other entity as determined by the Corps, may enter upon and do any and all work to comply with Special Condition No. 1, in the event the Permittee has failed to do so. The Corps must approve the use of an alternative site-protection mechanism if a CE is not available or suitable because of land-management entity restrictions or other reasons deemed acceptable by the Corps.

Monthly progress reports (which shall include the proposed siteprotection mechanism, steps being taken within each agency's process, the identification of land managers, and updated timeframes detailing the progress for achieving site protection) for each mitigation site will be submitted until the Corps approves the draft site-protection mechanisms.

- 11. For any mitigation site where the Corps-approved 3rd party land manager is a state or Federal agency, a qualified land specialist shall be retained by the Permittee to shepherd the transfer of the mitigation property to the designated state or Federal agency. The land specialist shall have experience in state and/or Federal land exchange and/or acquisition, land-use planning, and state or Federal real-estate transactions. The land specialist/Permittee shall include the progress of the land transfer and document compliance with the applicable Special Conditions of this permit verification letter for each mitigation site in the monthly progress reports required per Special Condition No. 10.
- 12. In accordance with 33 CFR 332.3(n), prior to initiating construction in waters of the U.S., the Permittees shall post financial assurance ("financial assurance") in an amount and form approved by the Corps. The financial assurance shall include the estimated cost for replacement mitigation, including costs for land acquisition, planning and engineering, legal fees, mobilization, construction, monitoring, maintenance, and adaptive management for the required five-year monitoring period. The purpose of this financial assurance is to guarantee the successful implementation, maintenance, and monitoring of the wetland and non-wetland waters preservation, restoration, and enhancement work. The financial assurance may be in the form of a performance bond, irrevocable letter of credit, escrow

agreement, or casualty insurance. The preferred form of financial assurance is an irrevocable letter of credit. At a minimum and subject to Corps approval, you shall post financial assurance in the amount of 120% of the anticipated cost of the mitigation and monitoring associated with the project, as indicated above, in any manner permitted by Corps policy.

- a. For a performance bond, the bonding company must appear on the Department of Treasury Circular 570, Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and Acceptable Reinsuring Companies. For a current list of Treasury-authorized companies, write or call the Surety Bond Branch, Financial Management Services, Department of the Treasury, Washington DC 20227; (202) 874-6850 or at the following website: http://www.fms.treas.gov/c570/c570.html.
- b. The performance bond shall be released only upon a determination by the Corps Regulatory Division that successful mitigation has been completed.
- 13. The Permittee must provide monies in the form of a non-wasting endowment [endowment amount to be determined by a revised Property Analysis Record (PAR) or similar methodology as approved by the Corps, conducted by the Corps-approved land-management entities of the mitigation sites] for review and approval for the purposes of fulfilling the land managers' and/or 3rd party easement holders' long-term responsibilities including maintenance activities (e.g., invasive non-native plant species and trash removal, restoration of areas disturbed or destroyed due to off-road vehicle use or other trespassing and vandalism, repairs and maintenance to fencing and signage, natural disaster remedial activities) agreed to under the site-protection mechanisms required by Special Condition No. 10. The revised PAR must be submitted by October 31st of Year 2 of the mitigation and monitoring period for each mitigation site. The Permittee will provide the endowment within 30 days of the Corps' approval of the revised PAR of the five (5) mitigation sites.

Pre-Construction

14. The Permittee submitted to the Corps a complete set of final detailed grading/construction plans showing all work and structures in waters of the U.S., received on November 22, 2010. The Permittee shall build the project in accordance with the Corps-approved plans or any modified plans subsequently approved by the Corps.

15. The Permittee shall clearly mark the limits of the construction right-of-way and all associated workspace with flagging or similar means to ensure mechanized equipment does not enter preserved waters of the U.S. and riparian wetland/habitat areas as shown in the Mapbook Containing Project Overview and Detailed Mapsheets. Additionally, the Permittee shall install, and maintain in good working order, a silt fence around preserved waters of the U.S. to protect these areas from construction-related runoff. These fences are to be maintained and repaired after each weather event. A biological monitor shall be present to direct the placement of these preventative installations around the preserved waters of the U.S. within the project area where impacts are not authorized.

Construction

- 16. Impacts to waters of the U.S. beyond the Corps-approved construction footprint are not authorized. Such impacts may result in permit suspension and revocation, administrative, and/or civil or criminal penalties. Unauthorized impacts to waters of the U.S. [including authorized temporary impacts to waters of the U.S. that are not successfully restored to pre-construction conditions and/or those temporary construction features and activities within waters of the U.S. that are not removed within twelve (12) months, per Special Condition No. 7] shall result in additional compensatory mitigation at a minimum of a 5:1 ratio; this additional mitigation may require the purchase of credits from an authorized mitigation bank or in-lieu fee program, if available, or through the restoration or enhancement of waters of the U.S. within the appropriate, impacted watershed(s) as approved by the Corps.
- 17. The Permittee shall provide all on-site contractors, subcontractors, and forepersons a copy of this permit with General Conditions and Special Conditions. All of the above-listed personnel shall read, understand, agree to, and comply with all terms and conditions of the authorization. A copy of this authorization, with the General and Special Conditions, and enclosures shall be included in all bid packages for the project and shall be available at the work site at all times during periods of work and must be presented upon request by any Corps personnel. The Permittee shall provide the Corps written confirmation of this Special Condition prior to construction, including names phone numbers, and addresses of all of the above personnel, including signatures indicating agreement with all General and Special Conditions of this authorization. Through construction of the Sunrise Powerlink, all new personnel shall also comply with this condition. A copy of this permit, with General and Special Conditions, shall be on-site at all times during construction activities.

- 18. Seven (7) days prior to impacts within waters of the U.S., the Permittee shall provide written notification to the Corps. The notification shall include the following:
 - a. Corps File Number (SPL-2007-00704-SAS);
 - b. Name of company performing the work and on-site point of contact;
 - c. Size and type of equipment that shall be performing the work; and
 - d. Schedule for beginning and ending of construction activities.
- 19. A qualified biological monitor shall be on-site during project grading and construction in the vicinity of waters of the U.S. to verify compliance with all requirements of this permit. The biological monitor shall have experience performing Corps jurisdictional delineations of waters of the U.S. including wetlands. The biological monitor shall document compliance with the General and Special Conditions for each construction phase. The Permittee shall submit the biologists' names, addresses, telephone numbers, email addresses (if available), and work schedules on the project to this office a minimum of fifteen (15) days prior to the planned date of initiating work within waters of the U.S. authorized by this permit. The biologist/Permittee shall report any violation to Corps within one (1) business day of its occurrence.
- 20. During the initial 90 days of impacts to waters of the U.S. and until the Final HMMP is revised per Special Condition No. 2, a monthly progress memo shall be prepared and submitted to the Corps Regulatory Project Manager, Ms. Shanti Abichandani Santulli, at the Carlsbad Field Office, 6010 Hidden Valley Road, Suite 105, Carlsbad, CA 92011. The Permittee shall submit a quarterly progress memo, in the manner described above, after the initial 90 days of construction within waters of the U.S. and receipt of the revised Final HMMP. This progress memo shall include a matrix/spreadsheet listing each single and complete project number with the following corresponding information: initial estimated permanent and temporary impacts acreage, start and completion dates of construction, final permanent and temporary impact acreage, and associated mitigation site. The initial progress memo shall commence one (1) month after construction begins within waters of the U.S. and shall continue through the end of construction.

Clean Water Act Section 401 Water Quality Certification

21. The Permittee shall comply with the terms and conditions of the CWA section 401 Water Quality Certification issued by the SWRCB (Certification Number SB09015IN) for your project, signed on November 9, 2010. You shall comply with the conditions specified in this Certification, attached to this permit as Enclosure 6.

Water Quality and Construction-Related Best Management Practices (BMPs)

- 22. All vehicle maintenance, staging, storage, and dispensing of fuel shall occur in designated upland areas. These designated upland areas shall be located in such a manner as to prevent any runoff from entering waters of the U.S.
- 23. No debris, soil, silt, sand, sawdust, rubbish, cement or concrete washings thereof, oil or petroleum products, from construction shall be allowed to enter into or be placed where it may be washed by rainfall or runoff into waters of the U.S. Therefore, the Permittee shall employ all Best Management Practices (BMPs) necessary to prevent toxic materials, silt, debris, or excessive erosion from entering waters of the U.S. during project construction. Upon completion of the activities authorized by this permit, any excess material or debris shall be removed from the work area and disposed of in an appropriate upland site. All BMPs and measures to avoid and minimize erosion and hydromodification required by the USFS and BLM that minimize impacts to waters of the U.S. also shall be required within Corps jurisdiction on private and public lands.

Cultural Resources

- 24. Pursuant to 36 C.F.R. § 800.13, in the event of any discoveries during construction of either human remains, archeological deposits, or any other type of historic property, the Permittee shall notify the Corps' Archeology Staff within 24 hours (Mr. Steve Dibble at 213-452-3849, Ms. Amy Holmes at 213-452-3855, or Mr. John Killeen at 213-452-3861). The Permittee shall immediately suspend all work in any area(s) where potential cultural resources are discovered. The Permittee shall not resume construction in the area surrounding (i.e., immediately adjacent to) the potential cultural resources until the Corps re-authorizes project construction, per 36 C.F.R. § 800.13.
- 25. The Permittee shall be responsible for complying with the terms and mitigation measures described in the Programmatic Agreement among the Department of the Interior, Bureau of Land Management, the Department of Agriculture, Forest Service, the Marine Corps Air Station Miramar, the U.S. Army Corps of Engineers, the California Public Utilities Commission, San Diego Gas and Electric Company, and the California State Historic Preservation Officer Regarding the Proposed San Diego Gas and Electric Power Company's Sunrise Powerlink Transmission Line Project, Imperial and San Diego Counties, California (PA), executed on December 23, 2008 and signed by the Corps on January 21, 2009, for the life of this permit.

Endangered Species Act

This Corps permit does not authorize you to take any threatened or endangered 26. species, in particular the least Bell's vireo (Vireo bellii pusillis), southwestern willow flycatcher (Empidomax traillii extimus), coastal California gnatcatcher (Polioptila californica californica), arroyo toad (Anaxyrus californicus), Quino checkerspot butterfly (Euphydras editha quino), flat-tailed horned lizard (Phrynosoma mcallii), and Peninsular bighorn sheep (Ovis canadensis nelsoni), or adversely modify any of these species designated critical habitat. In order to legally take a listed species, you must have separate authorization under the Endangered Species Act (ESA) [e.g. ESA section 10 permit, or a Biological Opinion (BO) under ESA section 7, with "incidental take" provisions with which you must comply]. The Corps has completed a formal consultation with the U.S. Fish and Wildlife Service (USFWS) in accordance with section 7 of the ESA for effects to the coastal California gnatcatcher (federally threatened), arroyo toad (federally endangered), Quino checkerspot butterfly (federally endangered), flat-tailed horned lizard (proposed for listing as federally threatened), and Peninsular bighorn sheep (federally endangered) and their critical habitat (proposed and critical), if applicable to the species.

The enclosed USFWS BO (FWS-SDG/IMP-08B0243-11F0130; Enclosure 7), dated December 3, 2010, extends "incidental take" coverage provided to the BLM, USFS, and SDG&E under the USFWS BO FWS-SDG/IMP-08B0423-11F0047, which contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with "incidental take" that is also specified in the BO FWS-SDG/IMP-08B0423-11F0047. Your authorization under this Corps permit is conditional upon your compliance with all of the mandatory terms and conditions associated with incidental take of the attached BO, which terms and conditions are incorporated by reference in this permit. Failure to comply with the terms and conditions associated with incidental take of the BO, where a take of the listed species occurs, would constitute an unauthorized take, and it would also constitute non-compliance with your Corps permit. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its BO and with the ESA.

Post-Construction

- 27. Within 45 days of completion of authorized work in waters of the U.S., the Permittee shall submit to the Corps a post-project implementation memo indicating the following:
 - As-built construction drawings with an overlay of waters of the U.S. that were impacted;

- Representative photographs that are dated and labeled of primary and secondary waters of the U.S. that were permanently and temporarily impacted (including latitude and longitude coordinates);
- A summary of all project activities which documents that authorized impacts to waters of the U.S. were not exceeded, and demonstrated compliance with all permit General and Special Conditions;
- d. A statement and photographs of the temporary disturbance areas restored to pre-construction elevations and contours, and replanting per the on-site revegetation plan; and
- e. A completed Certification of Compliance Form at the end of the final phase of construction.
- 28. The Permittee shall allow the Corps to inspect the authorized activities at any time deemed necessary to verify compliance with permit terms and conditions.
- 29. All correspondence and submittals shall reference the Corps project name Sunrise Powerlink Project and File Number (SPL-2007-00704-SAS), conspicuously on any transmittal letter and/or the first page/paragraph of the text, and on any graphics or photographs. All plans and photographs shall be labeled and dated. Failure to provide this information may cause the Corps to determine that the submittals are incomplete, or not submitted within the required timeframe, and therefore, not compliant with permit Special Conditions.
- 30. The project shall be implemented in compliance with the 2009/2010 Weed Control Plan for the Environmentally Superior Southern Route of the SDG&E Sunrise Powerlink Project, dated September 2, 2009 and prepared by RECON Environmental. The Permittee shall submit to the Corps an annual report, by October 31st of each year, addressing weed abatement and management activities performed in accordance with this plan for all construction activities occurring within waters of the U.S. The Permittee shall submit this report as part of the annual report for the overall on-site revegetation of temporary impact areas within waters of the U.S. as required by Special Condition No. 9.

This verification is valid until the NWP is modified, reissued, or revoked. All of the existing NWPs are scheduled to be modified, reissued, or revoked prior to March 18, 2012. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit.

This nationwide permit verification may be transferred to a new owner if the new owner follows and completes all requirements stated in General Condition 25. See Enclosure 8 for full text of General Condition 25. This transfer is necessary to ensure that the new owner of the property is aware of all terms and conditions of this letter of this verification, including any Special Conditions that will continue to be binding on the new owner. A nationwide permit does not grant any property rights or exclusive privileges. Also, it does not authorize any injury to the property or rights of others or authorize interference with any existing or proposed Federal project. Furthermore, it does not obviate the need to obtain other Federal, state, or local authorizations required by law.

Thank you for participating in our regulatory program. If you have any questions, please contact Shanti Santulli of my staff at 760-602-4834 or via e-mail at Shanti.A.Santulli@usace.army.mil.

Please be advised that you can now comment on your experience with Regulatory Division by accessing the Corps web-based customer survey form at: http://per2.nwp.usace.army.mil/survey.html.

Sincerely,

Therese O'Rourke Bradford Chief, South Coast Branch

Thuge & Condyal

Regulatory Division

Attachment

Attachment 1: Detailed Project Description

Attachment 2: Summary of Sunrise Powerlink Project Mitigation for Permanent and Temporary Impacts to Waters of the U.S.

Table 1: Summary of Sunrise Powerlink Project Mitigation for Permanent Impacts to Waters of the U.S.

Table 2: Summary of Sunrise Powerlink Project Mitigation for Temporary Impacts to Waters of the U.S.

Enclosures

Enclosure 1: Figure 1 - Final Environmentally Superior Southern Route (FESSR), Sunrise

Powerlink Alignment

Enclosure 2: NWP 12 and General Conditions

Enclosure 3: NWP 3 and General Conditions

Enclosure 4: Table: Sunrise Powerlink Impacts to Waters of the U.S. within NWP 12 Single

and Complete Projects

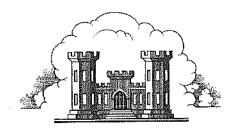
Enclosure 5: Table: Sunrise Powerlink Impacts to Waters of the U.S. within NWP 3 Activity

Areas

Enclosure 6: SWRCB CWA Section 401 Certification

Enclosure 7: USFWS BO FWS-SDG/IMP-08B0243-11F0130

Enclosure 8: Transfer Statement, General Condition 25



LOS ANGELES DISTRICT U.S. ARMY CORPS OF ENGINEERS

CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY NATIONWIDE PERMIT

Permit Number:

SPL-2007-00704-SAS

Name of Permittee:

San Diego Gas & Electric Company, Alan Colton

Date of Issuance:

January 7, 2011

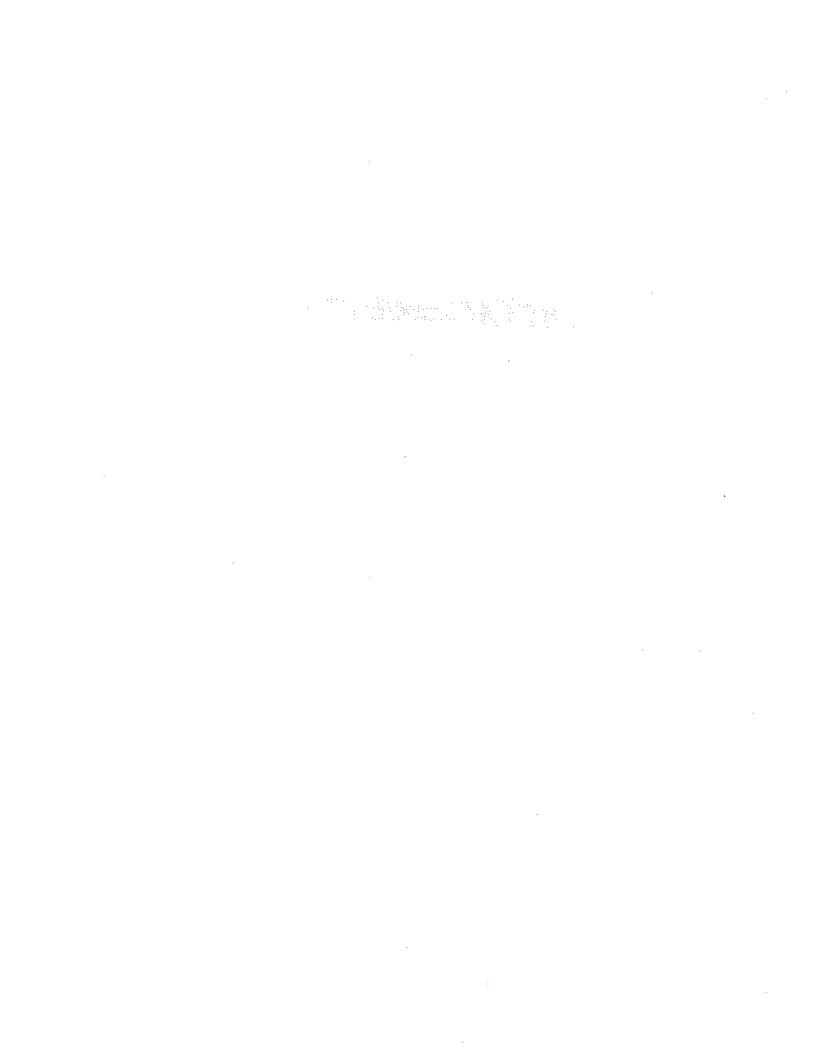
Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

U.S Army Corps of Engineers Regulatory Division ATTN: CESPL-RG-SPL-2007-00704-SAS Los Angeles District, Corps of Engineers South Coast Branch, Carlsbad Field Office 6010 Hidden Valley Road, Suite 105 Carlsbad, California 92011

Please note that your permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to comply with this nationwide permit you may be subject to permit suspension, modification, or revocation procedures as contained in 33 CFR 330.5 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit condition(s).

·

ATTACHMENT 1



Attachment 1. Detailed Project Description for the Sunrise Powerlink Project

As described in the Pre-Construction Notification for the Sunrise Powerlink Project, the Sunrise Powerlink Project (Sunrise Powerlink) will traverse approximately 120 miles between the El Centro area of Imperial County and southwestern San Diego County, in southern California. The proposed Right of Way (ROW) for the project crosses Federal lands (BLM, USFS, and DOD) for about 70 miles of its approximate 120-mile length. In addition, one new substation, the Suncrest Substation, and three system upgrades (reconductors from Sycamore Canyon Substation to Pomerado, Scripps, and Elliott substations) will be required to reliably operate the new transmission line. Reconductoring activities will use existing facilities and access roads. The proposed ROW has been assigned mileposts (MP), which range from the Imperial Valley Substation (MP 0) to the Sycamore Canyon Substation (MP 118). The Sunrise Powerlink is described in five separate links according to the following mileposts: Link 1 (MP 0 to MP 52.5), Link 2 (MP 52.5 to MP 90.0), Link 3 (Suncrest Substation), Link 4 (MP 92.8 to MP 99.0), and Link 5 (MP 90.0 to 92.8 and MP 99.0 to MP 118).

Approximately six of the 120 miles of transmission line will be laid underground between mileposts 92.8 and 99 (Link 4). The remaining portion (Links 1, 2, and 5) will consist of overhead lines supported by 432 tower structures. Fifty-five miles of new Sunrise Powerlink access roads will be constructed, and approximately 90 miles of existing access roads will be upgraded to assist in access to tower structure pad sites during and after construction. Temporary and permanent construction pads will be located adjacent to the structure tower pads, and permanent construction pads will remain in place after construction to be used during maintenance activities. In areas of rugged and remote terrain, permanent helicopter pads will be required for tower construction and maintenance; temporary and permanent construction and maintenance pads will not be installed where vehicular access is prohibited. Temporary pull sites will be used to accommodate the equipment necessary to add tension to transmission wires between the towers.

Transmission line construction features

The SRPL Project will include a number of permanent and temporary features necessary to construct and support the proposed transmission line including a new substation, fly yard/staging areas, access and spur roads, tower pads, structures and permanent and temporary pad maintenance areas, wire installation, helicopter pads, pull sites, and underground construction (e.g., trenching).

Permanent features are those that will remain in place following construction to meet the project purpose (i.e., electric power transmission) or to provide access for future maintenance and repair.

• Access and Spur Roads (AR)

New access or access spur roads will be required in some portions of the project where existing roads are not available. Roads have been designed to minimize impacts to waters of the U.S. and to limit overall soil disturbance. Typically for transmission access roads, 14-foot-wide straight sections of road and 16 to 20-foot-wide sections at curves will be required to facilitate safe movement of equipment and vehicles. Existing access roads may be improved for project use, as required. The Suncrest Substation access road will require a 32-foot-wide section of road to facilitate safe movement of equipment and vehicles. In general, the roads will be constructed using a bulldozer or grader, followed by a roller to compact and smooth the ground. Water trucks will be used for dust suppression. Front-end loaders will be used to move the soil locally or offsite. Only the Suncrest Substation access road will be paved; tower access roads will be compacted dirt and graded on a 2-year maintenance schedule. Sloped access roads will include water bar features (dips in the road) to direct flow across the road, connecting to natural drainage via a rip-rap energy dissipater. Culverts or dip crossings will be used to conduct seasonal stream flow across the access roads. Retaining walls and concrete-lined drainage ditches will be installed on some sloped roads to prevent erosion. Within the desert portion of Link 1 of the SRPL Project alignment, new access or access spur roads are considered to be permanent impacts, except where noted. Desert access or spur roads will be similar in size to access roads within other portions of the SRPL Project alignment; however, their construction will generally involve less grading and in some cases, no grading where noted. They will be maintained as unimproved dirt roads. No culverts, ditches, or retaining walls will be installed in the desert portion. Not the trades, there was the base was to the was to be

• Grading Impacts

Grading impacts are associated with permanent access roads and PCMPs (permanent construction and maintenance pads). New access roads, used to access tower sites, will be graded. In addition, grading to establish crane pads for tower construction, tower structure pads, maintenance pads, and the substation will occur, as necessary.

Permanent Tower Structure Pads (Str)

Under each tower structure, a permanent area approximately 40 feet by 40 feet will be cleared of vegetation for the transmission tower pad. These areas will be maintained in the future to allow for equipment access and tower repair and maintenance. Within this pad area, holes will be excavated to install four drilled concrete pier foundations to support each structure. Four holes for each lattice structure and one for each tubular steel pole and transition structure will be installed.

Permanent Construction and Maintenance Pads (PCMP)

Additionally, for 500 kV structures in BLM and private areas, 500 kV tangent structures in Cleveland National Forest (CNF) areas and 230 kV structures west of the Suncrest Substation, a 35-feet by 75-feet pad will be cleared of vegetation and graded immediately adjacent to the tower structure pad area described above. For dead end and angle structures in CNF areas,

pads installed may be up to 200 feet by 400 feet in area and will be cleared and graded for construction and future line maintenance.

These adjacent PCMPs will be surfaced with compacted dirt and permanently maintained devoid of vegetation for vehicle parking and equipment placement during future maintenance and operation activities. The pads will be sloped at a 2 percent grade and drain into a rip-rap energy dissipater, occasionally via a concrete-lined down drain. Brow ditches, retaining walls, and concrete-lined drainage ditches will be installed at some of the sloped areas of the PCMPs to prevent erosion.

Tower Structure Access Pad (TSAP)

The 500-kV structures that will be built with helicopters will include a permanent structure and 50-feet by 50-feet PCMP pads described above. In addition, these structures will require two 100-ft radius compacted dirt tower structure access pads (TSAP) or two, 100-ft radius elevated TSAP platforms per structure, with a footpath to the structure. The TSAPs may be cleared and graded for construction and future line maintenance. In rocky areas without level landing areas, it may be necessary to construct smaller (25 x 25 ft) elevated TSAP platforms of wood or steel.

Suncrest Substation

The Suncrest Substation will be constructed on about 40 acres and located on private land west of Japatul Valley Road. The substation will accommodate four potential future 230 kV circuits exiting the substation when demand growth justifies the need for additional lines. It will also accommodate a future 500 kV circuit. At the Suncrest Substation, the 500 kV line will convert to 230 kV. The 230 kV line will exit the substation overhead, then continue northwest for approximately 2 miles where it transitions underground at MP 92.8 east of the City of Alpine.

Temporary features are needed to undertake construction of the transmission line, including the substation, and other associated facilities described below. In areas where temporary features impact waters of the U.S., they will be regraded and revegetated to their original topography where applicable. For all temporary impacts within waters of the U.S., restoration of temporarily impacted areas will take place within six months of disturbance or sooner (i.e., immediately after the feature is no longer in use).

Temporary Construction and Maintenance Pads (TCMP)

The 500 kV structures that will be built without helicopters will have up to a temporary 200-feet by 400-feet workspace. Portions of the TCMPs may be cleared and graded to allow for construction and erection of the transmission tower. These areas will be re-contoured at the perimeter after construction to blend in to the original grade and will be actively revegetated. Restoration activities will begin immediately following completion of the construction at each impacted location, and will proceed to subsequent towers as construction progresses.

Construction Yard areas are used to store and assemble construction equipment and parts and to shuttle crews back and forth to work areas via carpooling or helicopter. In all Construction Yards, vegetation will be cleared. In some areas, the Construction Yard may need to be scraped by a bulldozer and a temporary layer of rock put down to provide an all weather surface. During use, all Construction Yards will be fenced for security. The rock will be removed from any waters of the U.S. construction and those areas restored to their preconstruction condition where applicable.

er i time makkama takan kilong kalendara makan ing kaping mga miling mga ka Wire Installation and Temporary Pull Sites (TPS)

Insulators and stringing sheaves are installed to pull conductors (i.e., wires) along the line. The conductors are pulled along a sock line through the sheaves along the same path the Sunrise Powerlink ROW will follow. Pulling the sock line is accomplished with a small helicopter that moves along the ROW. Following the initial stringing operation, pulling and tensioning the line will be required. Pulling and tensioning sites will be required every 1 to 2 miles along the ROW and will encompass between 0.07 to 5.07 acres each (average of 1.8 acres) to accommodate required equipment. Equipment at these sites will include tractors and trailers with spooled reels that hold the conductors and trucks with the tensioning equipment. Pulling and tensioning sites are located within the ROW except at angle structures where the pulling site must be in line with the conductor. Depending on topography, minor grading may be required at some sites to create level pads for equipment. Vegetation will be cleared throughout the pull site area, but after use, the entire area will be restored and re-vegetated. These pulling sites are used for approximately two weeks; after this period of use, they will be actively restored.

Temporary Access Roads

Temporary access roads will be required for the construction of some of the proposed transmission towers or to staging areas, including pull-sites, that will impact waters of the U.S. All temporary access roads will be returned to pre-construction topography and planted to restore the site to pre-construction condition immediately following the end of its use (within six months of the start of construction within waters of the U.S.). Biological monitors will work with the contractor in the field during construction of temporary access roads to attempt to avoid wetlands and waters features.

• Guard Structures Guard structures will be erected over active roads or railroads, where required, prior to stringing any transmission lines. The guard structures are used to prevent the wires from falling on roads during stringing activities and typically consist of 2 - 4 vertical wood poles with cross arms that are temporarily erected at road crossings or crossings with other energized electric and communication lines. Bucket trucks are also used to provide temporary clearance. Guard

structures will not be installed in any wetlands or waters features. Biological monitors will work with the contractor in the field during installation of guard structures to assure avoidance of all wetlands and waters features.

Helicopters

Helicopters will be used to support construction activities in areas where access is limited (e.g., no suitable access road, limited pad area to facilitate onsite structure assembly area) or there are environmental constraints to accessing the project area with standard construction vehicles and equipment. Helicopters will be used for project activities in portions of Links 1, 2, and 5.

Blasting, hammering, and rock-hauling

Where solid rock is encountered, hydraulic rock splitting, blasting, rock-hauling, or the use of a rock anchoring or micropile system may be required. The rock anchoring or micropile system will be used in areas where site access is limited or adjacent structures could be damaged as a result of hydraulic rock splitting, blasting, or rockhauling activities. In environmentally sensitive areas, a HydroVac, which uses water pressure and a vacuum, will be used to excavate material into a storage tank. In areas where it is not possible to operate large drilling equipment due to access or environmental constraints, hand digging may be required. Reinforcing steel anchor bolt cages and concrete will be installed after excavation and prior to structure installation.

Underground construction

Underground construction is proposed in the area in and around the city of Alpine from MP 92.8 to MP 99.0. The 230 kV lines will require a trench approximately 3 to 7 feet wide and 6 feet deep. Underground segments involve trenching and duck bank and vault installations. Two trenches, separated by 20 ft, will be excavated for the double circuit 230 kV underground segments within Link 4. Excavated materials not temporarily stored to use for backfill will be hauled offsite to a materials storage yard. Based on the anticipated rate of construction progress (300 to 500 feet open at one time), approximately 400 cubic yards of excavated material will be off-hauled per day. Where the ROW crosses streams, the line will be placed either above or below the stream so that there are no impacts to water of the U.S., including wetlands.

ing the state of t

en en men en la companya de la comp

ATTACHMENT 2



Attachment 2. Summary of Sunrise Powerlink Project Mitigation for Permanent and Temporary Impacts to Waters of the U.S.

Habitat Type	Permanent Impacts	e Powerlink Pro Off-site Restored Mitigation Acreage	Off-site Enhanced Mitigation Acreage	Off-site Preservation Acreage	Total Mitigation Acreage for Permanent Impacts	Permanent Impact Mitigation Ratio
Desert Dry Washes	2.45	0	4.04	74.50	78.54	32.1:1
Other Streams ¹	0.44	0.04	2.13	1.12	3.29	7.5:1
Wetlands	0.08	0	7.52	11.11	18.63	232.9:1
Total	2.97*	0.04	13.69	86.73	100.46	33.8:1

Habitat Type	Temporary Impacts	On-site Habitat Replacement Acreage	Temporary Impacts Replacement Ratio	Off-site Preservation Acreage	Waters of the U.S. Off-site Mitigation Ratio
Desert Dry Washes	6.53	6.53	1:1	13.06	2:1
Other Streams ¹	0.55	0.55	1:1	1.10	2:1
Wetlands	0	NA	NA	NA	NA
Total	7.08	7.08	1:1	14.16	2:1

¹ Other Streams are intermittent, mountain ephemeral, and perennial streams to the extent of the Ordinary High Water Mark (OHWM). Desert dry washes are also ephemeral streams within desert habitat and are typically characterized by low-gradient channels on sandy soil, often having multiple or braided channels. Mountain ephemeral steams were distinguished from desert dry washes by having a higher gradient and often being confined to a single channel.

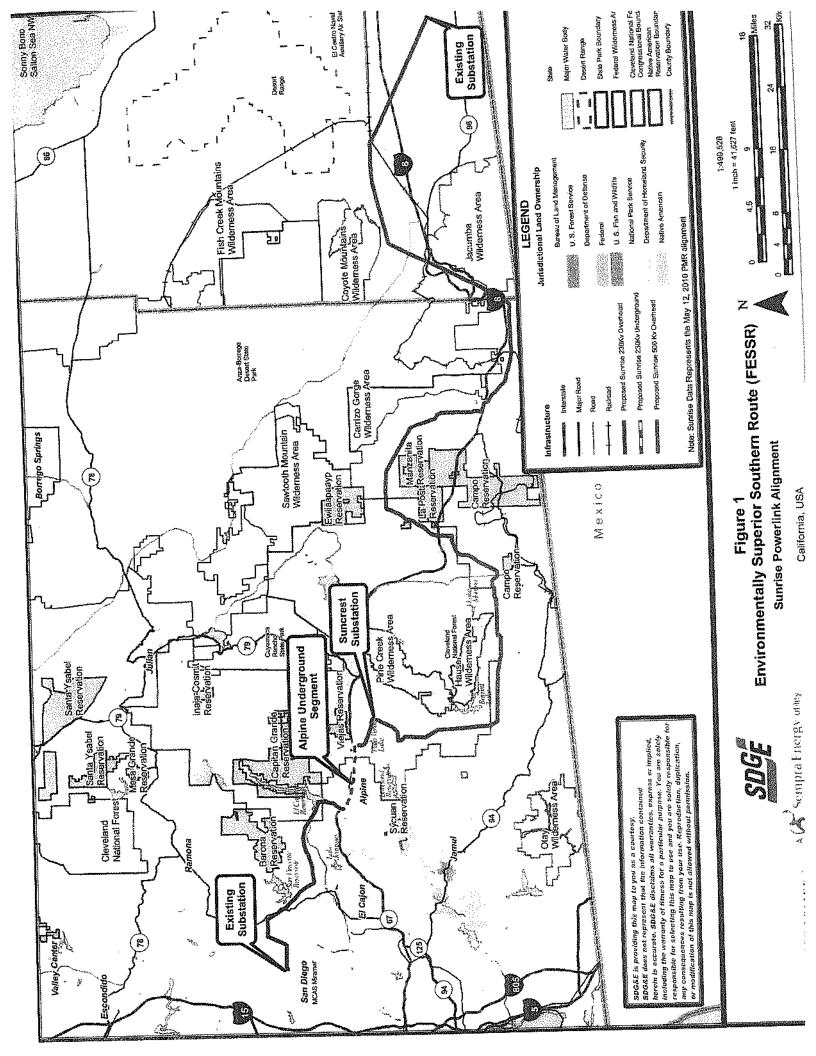
^{*} NWP 12 and NWP 3 activities combined.

n and the state of State of the state of the

			More than o			the transport of
	en e	त्र १ - अस्ति सम्बद्धाः स्थान्त्रः १	anderstandige (by 1944) Organistandige (by 1944)	er este general	+ 1 + m	. 54
141, 904, 14 1149, 11 110, 141 12	A STATE OF THE STA	erbyddiol Margewyddi Cael		e tribue tr	٠.	
****	e e e e e e e e e e e e e e e e e e e	the second of the	e Marie y de la colo			
	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;					
		•				•
			: •			
ta.		et entr	in the			
e tuak kecama a	n en		PROPERTY.			٠.
	Terrorite Securities	te distributive of the second	Alexander Alexander Alexander	ega Asar (1994) Santa (1997)		
en e	en e		a denti anti ili. Nelige			1 .
	4.1		4 14			
	4. \$.	i e		A.,		
		and the second of the second o	in the section of the	5-11		

ENCLOSURE 1





	e fjeret. Het				ay of the ac	
	, '	÷				
	e de la companya de La companya de la co	11	.:			
			4. 11	···.		
				the grant		
			· 4.			
					. •	
			talia Talia	:		
				·		
						:
	•			ŧ.		
	`.	Same Anna San				
		4) 9)				
	2 1				÷	
		· .				
		e Walanda et e gala. T				
					·	
the state of the control of the cont	ete ta company or a company			À.	·	· ·

ENCLOSURE 2

Enclosure 2: NATIONWIDE PERMIT 12, Utility Line Activities, TERMS AND CONDITIONS

1. Nationwide Permit (NWP) 12, Utility Line Activities. Terms:

Your activity is authorized under NWP 12, Utility Line Activities, subject to the following terms:

12. Utility Line Activities. Activities required for the construction, maintenance, repair, and removal of utility lines and associated facilities in waters of the United States, provided the activity does not result in the loss of greater than 1/2 acre of waters of the United Utility lines: This NWP authorizes the construction, maintenance, or repair of utility lines, including outfall and intake structures, and the associated excavation, backfill, or bedding for the utility lines, in all waters of the United States, provided there is no change in pre-construction contours. A jutility line, is defined as any pipe or pipeline for the transportation of any gaseous, liquid, liquescent, or slurry substance, for any purpose, and any cable, line, or wire for the transmission for any purpose of electrical energy, telephone, and telegraph messages, and radio and television communication. The term jutility line; does not include activities that drain a water of the United States, such as drainage tile or french drains, but it does apply to pipes conveying drainage from another Material resulting from trench excavation may be temporarily sidecast into waters of the United States for no more than three months, provided the material is not placed in such a manner that it is dispersed by currents or other forces. The district engineer may extend the period of temporary side casting for no more than a total of 180 days, where appropriate. In wetlands, the top 6 to 12 inches of the trench should normally be backfilled with topsoil from the trench. The trench cannot be constructed or backfilled in such a manner as to drain waters of the United States (e.g., backfilling with extensive gravel layers, creating a french drain effect). Any exposed slopes and stream banks must be stabilized immediately upon completion of the utility line crossing of each waterbody. Utility line substations: This NWP authorizes the construction, maintenance, or expansion of substation facilities associated with a power line or utility line in non-tidal waters of the United States, provided the activity, in combination with all other activities included in one single and complete project, does not result in the loss of greater than 1/2 acre of waters of the United States. This NWP does not authorize discharges into non-tidal wetlands adjacent to tidal waters of the United States to construct, maintain, or expand substation Foundations for overhead utility line towers, poles, and anchors: This NWP authorizes the construction or maintenance of foundations for overhead utility line towers, poles, and anchors in all waters of the United States, provided the foundations are the minimum size necessary and separate footings for each tower leg (rather than a larger single pad) are used where feasible. roads: This NWP authorizes the construction of access roads for the construction and maintenance of utility lines, including overhead power lines and utility line substations, in non-tidal waters of the United States, provided the total discharge from a single and complete project does not cause the loss of greater than 1/2-acre of non-tidal waters of the United States. This NWP does not authorize discharges into non-tidal wetlands adjacent to tidal waters for access roads. Access roads must be the minimum width necessary (see Note 2, below). Access roads must be constructed so that the length of the road minimizes any adverse effects on waters of the United States and must be as near as possible to pre-construction contours and elevations (e.g., at grade corduroy roads or geotextile/gravel roads). Access roads constructed above pre-construction contours and elevations in waters of the United States must be properly This NWP may authorize utility lines in or affecting navigable waters of the United States even if there is no associated discharge of dredged or fill material (See 33 CFR Part 322). Overhead utility lines constructed over section 10 waters and utility lines that are routed in or under section 10 waters without a discharge of dredged or fill material require a This NWP also authorizes temporary structures, fills, and work necessary to conduct the utility line activity. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction Notification: The permittee must submit a preelevations. The areas affected by temporary fills must be revegetated, as appropriate. construction notification to the district engineer prior to commencing the activity if any of the following criteria are met: (1) the activity involves mechanized land clearing in a forested wetland for the utility line right-of-way; (2) a section 10 permit is required; (3) the utility line in waters of the United States, excluding overhead lines, exceeds 500 feet; (4) the utility line is placed within a jurisdictional area (i.e., water of the United States), and it runs parallel to a stream bed that is within that jurisdictional area; (5) discharges that result in the loss of greater than 1/10-acre of waters of the United States; (6) permanent access roads are constructed above grade in waters of the United States for a distance of more than 500 feet; or (7) permanent access roads are constructed in waters of the United States with installed in navigable waters of the United States (i.e., section 10 waters), copies of the pre-construction notification and NWP impervious materials. (See general condition 27.) (Sections 10 and 404) verification will be sent by the Corps to the National Oceanic and Atmospheric Administration (NOAA), National Ocean Service Note 2: Access roads used for both construction and maintenance may be authorized, provided they meet the terms and conditions of this NWP. Access roads used solely for construction of the utility line must be removed upon completion of the work, accordance with the requirements for temporary fills. Note 3: Pipes or pipelines used to transport gaseous, liquid, liquescent, or slurry substances over navigable waters of the United States are considered to be bridges, not utility lines, and may require a permit from the U.S. Coast Guard pursuant to Section 9 of the Rivers and Harbors Act of 1899. However, any discharges of dredged or fill material into waters of the United States associated with such pipelines will require a section 404 permit (see NWP 15).

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as appropriate, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP.

2. Nationwide Permit General Conditions:

The following general conditions must be followed in order for any authorization by an NWP to be valid: Navigation.

- 1. Navigation.
 - (a) No activity may cause more than a minimal adverse effect on navigation.
 - (b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.
 - (c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. Culverts placed in streams must be installed to maintain low flow conditions.
- Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.
- 4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.
- 5. Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48.
- Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see Section 307 of the Clean Water Act).
- 7. Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.
- 8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.
- 9. Management of Water Flows. To the maximum extent practicable, the preconstruction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization and storm water management activities, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the preconstruction course, condition, capacity, and location of open waters if it benefits the

- aquatic environment (e.g., stream restoration or relocation activities).
- Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.
- Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.
- 12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow.
- Removal of Temporary Fills. Temporary fills must be removed in their entirety and the affected areas returned to preconstruction elevations. The affected areas must be revegetated, as appropriate.
- 14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety.
- 15. Wild and Scenic Rivers. No activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Pederal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency in the area (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service).
- Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.
- Endangered Species.
 - (a) No activity is authorized under any NWP which is likely to jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will destroy or adversely modify the critical habitat of such species. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed.
 - (b) Federal agencies should follow their own procedures for complying with the requirements of the ESA. Federal permittees must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements.
 - (c) Non-federal permittees shall notify the district engineer if any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect Federally-listed endangered or threatened species or designated critical habitat, the pre-construction notification must include the name(s) of the endangered or threatened species that may be affected by the proposed work. The district engineer proposed work or that utilize the designated critical habitat that may be affected by the proposed work. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical will notify the non-Federal applicant of the Corps' determination within 45 days of receipt of a complete prehabitat and will notify the non-Federal applicant has identified listed species or critical habitat that might be construction notification. In cases where the non-Federal applicant has identified listed species or critical habitat that might be affected or is in the vicinity of the project, and has so notified the Corps, the applicant shall not begin work until the Corps has affected or is in the vicinity of the project, and has so notified the Corps, the applicant shall not begin work until the Corps has affected or is in the vicinity of the project, and has so notified the Corps, the applicant shall not begin work until Section 7 provided notification the proposed activities will have "no effect" on listed species or critical habitat, or until Section 7
 - (d) As a result of formal or informal consultation with the FWS or NMFS the district engineer may add speciesspecific regional endangered species conditions to the NWPs. (e) Authorization of an activity by a NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the U.S. FWS or the NMFS, both lethal and non-lethal "takes" of protected species are in violation of the ESA. Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the U.S. FWS and NMFS or their world wide Web species and their critical habitat can be obtained directly from the offices of the U.S. FWS and NMFS or their world wide Web

pages at http://www.fws.gov/ and http://www.noaa.gov/fisheries.html respectively.

18. Historic Properties.

- (a) In cases where the district engineer determines that the activity may affect properties listed, or eligible for listing, in the National Register of Historic Places, the activity is not authorized, until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.
- (b) Federal permittees should follow their own procedures for complying with the requirements of Section 106 of the National Historic Preservation Act. Federal permittees must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements.
- (c) Non-federal permittees must submit a pre-construction notification to the district engineer if the authorized activity may have the potential to cause effects to any historic properties listed, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the preconstruction notification must state which historic properties may be affected by the proposed work or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of or potential for the presence of historic resources can be sought from the State Historic Preservation Officer or Tribal Historic Preservation Officer, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts, which may include background research, consultation, oral history interviews, sample field investigation, and field survey. Based on the information submitted and these efforts, the district engineer shall determine whether the proposed activity has the potential to cause an effect on the historic properties. Where the non-Federal applicant has identified historic properties which the activity may have the potential to cause effects and so notified the Corps, the non-Federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects or that consultation under Section 106 of the NHPA has been completed.
- (d) The district engineer will notify the prospective permittee within 45 days of receipt of a complete preconstruction notification whether NHPA Section 106 consultation is required. Section 106 consultation is not required when the Corps determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). If NHPA section 106 consultation is required and will occur, the district engineer will notify the non-Federal applicant that he or she cannot begin work until Section 106 consultation is completed.
- (e) Prospective permittees should be aware that section 110k of the NHPA (16 U.S.C. 470h–2(k)) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, explaining the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.
- 19. Designated Critical Resource Waters. Critical resource waters include: NOAA-designated marine sanctuaries, National Estuarine Research Reserves, state natural heritage sites, and outstanding national resource waters or other waters officially designated by a state as having particular environmental or ecological significance and identified by the district engineer after notice and opportunity for public comment. The district engineer may also designate additional critical resource waters after notice and opportunity for comment.
 - (a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, and 50 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.
 - (b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, and 38, notification is required in accordance with general condition 27, for any activity proposed in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after it is determined that the impacts to the critical resource waters will be no more than minimal.

- 20. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that adverse effects on the aquatic environment are minimal:
 - (a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).
 - (b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating) will be required to the extent necessary to ensure that the adverse effects to the aquatic environment are minimal.
 - (c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10 acre and require preconstruction notification, unless the district engineer determines in writing that some other form of mitigation would be more environmentally appropriate and provides a project-specific waiver of this requirement. For wetland losses of 1/10 acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in minimal adverse effects on the aquatic environment. Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, wetland restoration should be the first compensatory mitigation option considered.
 - (d) For losses of streams or other open waters that require pre-construction notification, the district engineer may require compensatory mitigation, such as stream restoration, to ensure that the activity results in minimal adverse effects on the aquatic environment.
 - (e) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2 acre, it cannot be used to authorize any project resulting in the loss of greater than 1/2 acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that a project already meeting the established acreage limits also satisfies the minimal impact requirement associated with the NWPs.
 - (f) Compensatory mitigation plans for projects in or near streams or other open waters will normally include a requirement for the establishment, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, riparian areas may be the only compensatory mitigation required. Riparian areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. Where both wetlands and open waters wider riparian areas to address documented water quality or habitat loss concerns. Where both wetlands and open waters with the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas exist on the project site, the district engineer will determine the appropriate compensatory mitigation, the district engineer may waive or riparian areas are determined to be the most appropriate form of compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.
 - (g) Permittees may propose the use of mitigation banks, in-lieu fee arrangements or separate activity-specific compensatory mitigation. In all cases, the mitigation provisions will specify the party responsible for accomplishing and/or complying with the mitigation plan.
 - (h) Where certain functions and services of waters of the United States are permanently adversely affected, such as the conversion of a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-ofway, mitigation may be required to reduce the adverse effects of the project to the minimal level.
 - 21. Water Quality. Where States and authorized Tribes, or EPA where applicable, have not previously certified compliance of an NWP with CWA Section 401, individual 401 Water Quality Certification must be obtained or waived (see 33 CFR 330.4(c)). The district engineer or State or Tribe may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.
 - 22. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence must be obtained, or a consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). The district engineer or a State may require additional presumption of concurrence must occur (see 33 CFR 330.4(d)). The district engineer or a State may require ments.
 - Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe,

or U.S. EPA in its section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

- 24. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is prohibited, except when the acreage loss of waters of the United States authorized by the NWPs does not exceed the acreage limit of the NWP with the highest specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14, with associated bank stabilization authorized by NWP 13, the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.
- 25. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:
 - "When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below." en de la companya de la co

(Transferee)	
(11gipsetee)	(Date)
	(Daic)

- 26. Compliance Certification. Each permittee who received an NWP verification from the Corps must submit a signed certification regarding the completed work and any required mitigation. The certification form must be forwarded by the Corps with the NWP verification letter and will include:
 - (a) A statement that the authorized work was done in accordance with the NWP authorization, including any general or specific conditions;
 - (b) A statement that any required mitigation was completed in accordance with the permit conditions; and
 - (c) The signature of the permittee certifying the completion of the work and mitigation.
- 27. Pre-Construction Notification. (a) Timing. Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, as a general rule, will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity:
 - (1) Until notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or
 - (2) If 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 17 that listed species or critical habitat might be affected or in the vicinity of the project, or to notify the Corps pursuant to general condition 18 that the activity may have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that is "no effect" on listed species or "no potential to cause effects" on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or Section 106 of the National Historic Preservation (see 33 CFR 330.4(g)) is completed. Also, work cannot begin under NWPs 21, 49, or 50 until the permittee has received written approval from the Corps. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee cannot begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee's right to proceed under the NWP may be modified, suspended, or revoked only in accordance with

the procedure set forth in 33 CFR 330.5(d)(2).

- (b) Contents of Pre-Construction Notification: The PCN must be in writing and include the following information:
 - (1) Name, address and telephone numbers of the prospective permittee;

 - (2) Location of the proposed project; (3) A description of the proposed project; the project's purpose; direct and indirect adverse environmental effects the project would cause; any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. The description should be sufficiently detailed to allow the district engineer to determine that the adverse effects of the project will be minimal and to determine the need for compensatory mitigation. Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the project and when provided result in a quicker decision.);
 - (4) The PCN must include a delineation of special aquatic sites and other waters of the United States on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters of the United States, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many waters of the United States. Furthermore, the 45 day period will not start until the delineation has been submitted to or completed by the Corps, where appropriate;
 - (5) If the proposed activity will result in the loss of greater than 1/10 acre of wetlands and a PCN is required, the prospective permittee must submit a statement describing how the mitigation requirement will be satisfied. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan;
 - (6) If any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, for non-Federal applicants the PCN must include the name(s) of those endangered or threatened species that might be affected by the proposed work or utilize the designated critical habitat that may be affected by the proposed work. Federal applicants must provide documentation demonstrating compliance with the Endangered Species Act; and
 - (7) For an activity that may affect a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, for non-Federal applicants the PCN must state which historic property may be affected by the proposed work or include a vicinity map indicating the location of the historic property. Federal applicants must provide documentation demonstrating compliance with Section 106 of the National Historic Preservation Act.
 - (c) Form of Pre-Construction Notification: The standard individual permit application form (Form ENG 4345) may be used, but the completed application form must clearly indicate that it is a PCN and must include all of the information required in paragraphs (b)(1) through (7) of this general condition. A letter containing the required information may also be used.

(d) Agency Coordination:

(1) The district engineer will consider any comments from Federal and state agencies concerning the proposed activity's compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the

(2) For all NWP 48 activities requiring pre-construction notification and for other NWP activities requiring project's adverse environmental effects to a minimal level.

- preconstruction notification to the district engineer that result in the loss of greater than 1/2-acre of waters of the United States, the district engineer will immediately provide (e.g., via facsimile transmission, overnight mail, or other expeditious manner) a copy of the PCN to the appropriate Federal or state offices (U.S. FWS, state natural resource or water quality agency, EPA, State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Office (THPO), and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will then have 10 calendar days from the date the material is transmitted to telephone or fax the district engineer notice that they intend to provide substantive, site-specific comments. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the preconstruction notification. The district engineer will fully consider agency comments received within the specified time frame, but will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each preconstruction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5. (3) In cases of where the prospective permittee is not a Federal agency, the district engineer will provide a response
 - to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by Section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.

- (4) Applicants are encouraged to provide the Corps multiple copies of pre-construction notifications to expedite
- (5) For NWP 48 activities that require reporting, the district engineer will provide a copy of each report within 10 calendar days of receipt to the appropriate regional office of the NMFS.

(e) District Engineer's Decision: In reviewing the PCN for the proposed activity, the district engineer will determine whether the activity authorized by the NWP will result in more than minimal individual or cumulative adverse environmental effects or may be contrary to the public interest. If the proposed activity requires a PCN and will result in a loss of greater than 1/10 acre of wetlands, the prospective permittee should submit a mitigation proposal with the PCN. Applicants may also propose compensatory mitigation for projects with smaller impacts. The district engineer will consider any proposed compensatory mitigation the applicant has included in the proposal in determining whether the net adverse environmental effects to the aquatic environment of the proposed work are minimal. The compensatory mitigation proposal may be either conceptual or detailed. If the district engineer determines that the activity complies with the terms and conditions of the NWP and that the adverse effects on the aquatic environment are minimal, after considering mitigation, the district engineer will notify the permittee and include any conditions the district engineer deems necessary. The district engineer must approve any compensatory mitigation proposal before the permittee commences work. If the prospective permittee elects to submit a compensatory mitigation plan with the PCN, the district engineer will expeditiously review the proposed compensatory mitigation plan. The district engineer must review the plan within 45 calendar days of receiving a complete PCN and determine whether the proposed mitigation would ensure no more than minimal adverse effects on the aquatic environment. If the net adverse effects of the project on the aquatic environment (after consideration of the compensatory mitigation proposal) are determined by the district engineer to be minimal, the district engineer will provide a timely written response to the applicant. The response will state that the project can proceed under the terms and conditions of the NWP.

If the district engineer determines that the adverse effects of the proposed work are more than minimal, then the district engineer will notify the applicant either:

- (1) That the project does not qualify for authorization under the NWP and instruct the applicant on the procedures to seek authorization under an individual permit;
 - (2) that the project is authorized under the NWP subject to the applicant's submission of a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level; or

(3) that the project is authorized under the NWP with specific modifications or conditions.

Where the district engineer determines that mitigation is required to ensure no more than minimal adverse effects occur to the aquatic environment, the activity will be authorized within the 45-day PCN period. The authorization will include the necessary conceptual or specific mitigation or a requirement that the applicant submit a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level. When mitigation is required, no work in waters of the United States may occur until the district engineer has approved a specific mitigation plan.

28. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project. the transfer wheel the appropriate and the contract of

The specific of the second second second Regional Conditions for the Los Angeles District: 3.

In accordance with General Condition Number 23, "Regional and Case-by-Case Conditions," the following Regional Conditions, as added by the Division Engineer, must be met in order for an authorization by any Nationwide to be valid:

- 1. For coastal watersheds from the southern reach of the Santa Monica Mountains in Los Angeles County to the San Luis Obispo County/Monterey County boundary, all road crossings must employ a bridge crossing design that ensures passage and/or spawning of steelhead (Oncorhynchus mykiss) is not hindered in any way. In these areas, bridge designs that span the stream or river, including designs for pier- or pile-supported spans, or designs based on use of a bottomless arch culvert simulating the natural stream bed (i.e., substrate and streamflow conditions in the culvert are similar to undisturbed stream bed channel conditions) shall be employed unless it can be demonstrated the stream or river does not support resources conducive to the recovery of federally listed anadromous salmonids, including migration of adults and smolts, or rearing and spawning. This proposal also excludes approach embankments into the channel unless they are determined to have no detectable effect on steelhead.
- 2. For the State of Arizona and the Mojave and Sonoran (Colorado) desert regions of California in Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and south of Little Lake, Inyo County), no nationwide permit, except Nationwide Permits 1 (Aids to Navigation), 2 (Structures in Artificial Canals), 3 (Maintenance), 4 (Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities), 5 (Scientific

Measurement Devices), 6 (Survey Activities), 9 (Structures in Fleeting and Anchorage Areas), 10 (Mooring Buoys), 11 (Temporary Recreational Structures), 20 (Oil Spill Cleanup), 22 (Removal of Vessels), 27 (Stream and Wetland Restoration Activities), 30 (Moist Soil Management for Wildlife), 31 (Maintenance of Existing Flood Control Projects), 32 (Completed Enforcement Actions), 35 (Maintenance Dredging of Existing Basins), 37 (Emergency Watershed Protection and Rehabilitation), 38 (Cleanup of Hazardous and Toxic Waste) and 47 (Pipeline Safety Program Designated Time Sensitive Inspections and Repairs), or other nationwide or regional general permits that specifically authorize maintenance of previously authorized structures or fill, can be used to authorize the discharge of dredged or fill material into a jurisdictional special aquatic site as defined at 40 CFR Part 230.40-45 (sanctuaries and refuges, wetlands, mudflats, vegetated shallows, coral reefs, and riffle-and-pool complexes).

- For all projects proposed for authorization by nationwide or regional general permits where prior notification to the district engineer is required, applicants must provide color photographs or color photocopies of the project area taken from representative points documented on a site map. Pre-project photographs and the site map would be provided with the permit application. Photographs should represent conditions typical or indicative of the resources before impacts.
- Notification pursuant to general condition 27 shall be required for projects in all special aquatic sites as defined at 40 CFR Part 230,40-45 (sanctuaries and refuges, wetlands, mudflats, vegetated shallows, coral reefs, and riffle-and-pool complexes), and in all perennial waterbodies in the State of Arizona and the Mojave and Sonoran (Colorado) desert regions of California in Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and south of Little Lake, Inyo County), excluding the Colorado River from Davis Dam downstream to the north end of Topock and downstream of Imperial Dam (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).
- Notification pursuant to general condition 27 shall be required for projects in all areas designated as Essential Fish Habitat by the Pacific Fishery Management Council (i.e., all tidally influenced areas - Federal Register dated March 12, 2007 (72 FR 11092), regional conditions requiring notification do not apply to Nationwide Permit 47).
- 6. Notification pursuant to general condition 27 shall be required for projects in all watersheds in the Santa Monica Mountains in Los Angeles and Ventura counties bounded by Calleguas Creek on the west, by Highway 101 on the north and east, and by Sunset Boulevard and Pacific Ocean on the south (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).
- Individual permits shall be required for all discharges of fill material in jurisdictional vernal pools.
- 8. Individual permits shall be required in Murrieta Creek and Temecula Creek watersheds in Riverside County for new permanent fills in perennial and intermittent watercourses otherwise authorized under NWPs 29, 39, 42 and 43, and in ephemeral watercourses for these NWPs for projects that impact greater than 0.1 acre of waters of the United States. In addition, when NWP 14 is used in conjunction with residential, commercial, or industrial developments the 0.1 acre limit would also apply.
- Individual permits shall be required in San Luis Obispo Creek and Santa Rosa Creek in San Luis Obispo County for bank stabilization projects, and in Gaviota Creek; Mission Creek and Carpinteria Creek in Santa Barbara County for bank stabilization projects and grade control structures.
- 10. Notification pursuant to general condition 27 shall be required for projects in the Santa Clara River watershed in Los Angeles and Ventura counties, including but not limited to Aliso Canyon, Agua Dulce Canyon, Sand Canyon, Bouquet Canyon, Mint Canyon, South Fork of the Santa Clara River, San Francisquito Canyon, Castaic Creek, Piru Creek, Sespe Creek and the mainstem of the Santa Clara River (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).

4.

- Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - () Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

- () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
- 2. Limits of this authorization.
 - (a) This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
 - (b) This permit does not grant any property rights or exclusive privileges.
 - (c) This permit does not authorize any injury to the property or rights of others.
 - (d) This permit does not authorize interference with any existing or proposed Federal project.
- 3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
 - (a) Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - (b) Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - (c) Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - (d) Design or construction deficiencies associated with the permitted work.
 - (e) Damage claims associated with any future modification, suspension, or revocation of this permit.
- Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest
 was made in reliance on the information you provided.
- 5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
 - (a) You fail to comply with the terms and conditions of this permit.
 - (b) The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
 - (c) Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 330.5 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measure ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

- 6. This letter of verification is valid for a period not to exceed two years unless the nationwide permit is modified, reissued, revoked, or expires before that time.
- 7. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition H below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 8. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished with the terms and conditions of your permit.

ENCLOSURE 3

Enclosure 3: NATIONWIDE PERMIT 3, Maintenance. TERMS AND CONDITIONS

Nationwide Permit (NWP) 3, Maintenance. Terms:

Your activity is authorized under NWP 3, Maintenance, subject to the following terms:

3. Maintenance. (a) The repair, rehabilitation, or replacement of any previously authorized, currently serviceable, structure, or fill, or of any currently serviceable structure or fill authorized by 33 CFR 330.3, provided that the structure or fill is not to be put to uses differing from those uses specified or contemplated for it in the original permit or the most recently authorized modification. Minor deviations in the structure's configuration or filled area, including those due to changes in materials, construction techniques, or current construction codes or safety standards that are necessary to make the repair, rehabilitation, or replacement are authorized. This NWP authorizes the repair, rehabilitation, or replacement of those structures or fills destroyed or damaged by storms, floods, fire or other discrete events, provided the repair, rehabilitation, or replacement is commenced, or is under contract to commence, within two years of the date of their destruction or damage. In cases of catastrophic events, such as hurricanes or tornadoes, this two-year limit may be waived by the district engineer, provided the permittee can demonstrate funding, contract, or other similar delays. also authorizes the removal of accumulated sediments and debris in the vicinity of and within existing structures (e.g., bridges, culverted road crossings, water intake structures, etc.) and the placement of new or additional riprap to protect the structure. The removal of sediment is limited to the minimum necessary to restore the waterway in the immediate vicinity of the structure to the approximate dimensions that existed when the structure was built, but cannot extend further than 200 feet in any direction from the structure. This 200 foot limit does not apply to maintenance dredging to remove accumulated sediments blocking or restricting outfall and intake structures or to maintenance dredging to remove accumulated sediments from canals associated with outfall and intake structures. All dredged or excavated materials must be deposited and retained in an upland area unless otherwise specifically approved by the district engineer under separate authorization. The placement of riprap must be the minimum necessary to protect the structure or to ensure the safety of the structure. Any bank stabilization measures not directly associated with the structure will require (c) This NWP also authorizes temporary structures, fills, and work necessary to conduct the maintenance activity. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. Temporary fills must be removed in their entirety and the affected areas (d) This NWP returned to pre-construction elevations. The areas affected by temporary fills must be revegetated, as appropriate. does not authorize maintenance dredging for the primary purpose of navigation or beach restoration. This NWP does not authorize Notification: For activities authorized by paragraph (b) of this NWP, the permittee must submit a pre-construction notification to the district engineer prior to commencing the activity (see general condition 27). Where maintenance dredging is proposed, the pre-construction notification must include information regarding the original design capacities and configurations of the outfalls, intakes, small impoundments, and canals. (Sections 10 and 404) authorizes the repair, rehabilitation, or replacement of any previously authorized structure or fill that does not qualify for the Clean Water Act Section 404(f) exemption for maintenance.

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as appropriate, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP.

The following general conditions must be followed in order for any authorization by an NWP to be valid:

1. Navigation.

- (a) No activity may cause more than a minimal adverse effect on navigation.
- (b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

- (c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic
 life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary
 purpose is to impound water. Culverts placed in streams must be installed to maintain low flow conditions.
- Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable.
 Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.
- 4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.
- Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48.
- Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see Section 307 of the Clean Water Act).
- Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.
- 8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.
- 9. Management of Water Flows. To the maximum extent practicable, the preconstruction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization and storm water management activities, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the preconstruction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).
- 10. Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.
- 11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.
- 12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow.
- 13. Removal of Temporary Fills. Temporary fills must be removed in their entirety and the affected areas returned to preconstruction elevations. The affected areas must be revegetated, as appropriate.
- 14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety.
- 15. Wild and Scenic Rivers. No activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency in the area (e.g., National Park

Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service).

16. Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

17. Endangered Species.

- (a) No activity is authorized under any NWP which is likely to jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will destroy or adversely modify the critical habitat of such species. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed.
- (b) Federal agencies should follow their own procedures for complying with the requirements of the ESA. Federal permittees must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements.
- (c) Non-federal permittees shall notify the district engineer if any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect Federally-listed endangered or threatened species or designated critical habitat, the pre-construction notification must include the name(s) of the endangered or threatened species that may be affected by the proposed work or that utilize the designated critical habitat that may be affected by the proposed work. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical habitat and will notify the non-Federal applicant of the Corps' determination within 45 days of receipt of a complete preconstruction notification. In cases where the non-Federal applicant has identified listed species or critical habitat that might be affected or is in the vicinity of the project, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification the proposed activities will have "no effect" on listed species or critical habitat, or until Section 7 consultation has been completed.
- (d) As a result of formal or informal consultation with the FWS or NMFS the district engineer may add speciesspecific regional endangered species conditions to the NWPs. (e) Authorization of an activity by a NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the U.S. FWS or the NMFS, both lethal and nonlethal "takes" of protected species are in violation of the ESA. Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the U.S. FWS and NMFS or their world wide Web pages at http://www.fws.gov/ and http://www.noaa.gov/fisheries.html respectively.

18. Historic Properties.

- (a) In cases where the district engineer determines that the activity may affect properties listed, or eligible for listing, in the National Register of Historic Places, the activity is not authorized, until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.
- (b) Federal permittees should follow their own procedures for complying with the requirements of Section 106 of the National Historic Preservation Act. Federal permittees must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements.
- (c) Non-federal permittees must submit a pre-construction notification to the district engineer if the authorized activity may have the potential to cause effects to any historic properties listed, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the preconstruction notification must state which historic properties may be affected by the proposed work or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of or potential for the presence of historic resources can be sought from the State Historic Preservation Officer or Tribal Historic Preservation Officer, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts, which may include background research, consultation, oral history interviews, sample field investigation, and field survey. Based on the information submitted and these efforts, the district engineer shall determine whether the proposed activity has the potential to cause an effect on the historic properties. Where the non-Federal applicant has identified historic properties which the activity may have the potential to cause effects and so notified the Corps, the non-

Federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects or that consultation under Section 106 of the NHPA has been completed.

- (d) The district engineer will notify the prospective permittee within 45 days of receipt of a complete preconstruction notification whether NHPA Section 106 consultation is required. Section 106 consultation is not required when the Corps determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). If NHPA section 106 consultation is required and will occur, the district engineer will notify the non-Federal applicant that he or she cannot begin work until Section 106 consultation is completed.
- (e) Prospective permittees should be aware that section 110k of the NHPA (16 U.S.C. 470h–2(k)) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, explaining the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.
- 19. Designated Critical Resource Waters. Critical resource waters include: NOAA-designated marine sanctuaries, National Estuarine Research Reserves, state natural heritage sites, and outstanding national resource waters or other waters officially designated by a state as having particular environmental or ecological significance and identified by the district engineer after notice and opportunity for public comment. The district engineer may also designate additional critical resource waters after notice and opportunity for comment.
 - (a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, and 50 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.
 - (b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, and 38, notification is required in accordance with general condition 27, for any activity proposed in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after it is determined that the impacts to the critical resource waters will be no more than minimal.
- 20. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that adverse effects on the aquatic environment are minimal:
 - (a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).
 - (b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating) will be required to the extent necessary to ensure that the adverse effects to the aquatic environment are minimal.
 - (c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10 acre and require preconstruction notification, unless the district engineer determines in writing that some other form of mitigation would be more environmentally appropriate and provides a project-specific waiver of this requirement. For wetland losses of 1/10 acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in minimal adverse effects on the aquatic environment. Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, wetland restoration should be the first compensatory mitigation option considered.
 - (d) For losses of streams or other open waters that require pre-construction notification, the district engineer may require compensatory mitigation, such as stream restoration, to ensure that the activity results in minimal adverse effects on the aquatic environment.
 - (e) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2 acre, it cannot be used to authorize any project resulting in the loss of greater

than 1/2 acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that a project already meeting the established acreage limits also satisfies the minimal impact requirement associated with the NWPs.

- (f) Compensatory mitigation plans for projects in or near streams or other open waters will normally include a requirement for the establishment, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, riparian areas may be the only compensatory mitigation required. Riparian areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where and/or wetlands compensation to be the most appropriate form of compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.
- (g) Permittees may propose the use of mitigation banks, in-lieu fee arrangements or separate activity-specific compensatory mitigation. In all cases, the mitigation provisions will specify the party responsible for accomplishing and/or complying with the mitigation plan.
- (h) Where certain functions and services of waters of the United States are permanently adversely affected, such as the conversion of a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse effects of the project to the minimal level.
- 21. Water Quality. Where States and authorized Tribes, or EPA where applicable, have not previously certified compliance of an NWP with CWA Section 401, individual 401 Water Quality Certification must be obtained or waived (see 33 CFR 330.4(c)). The district engineer or State or Tribe may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.
- 22. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence must be obtained, or a consistency concurrence must occur (see 33 CFR 330.4(d)). The district engineer or a State may require additional presumption of concurrence must occur (see 33 CFR 330.4(d)). The district engineer or a State may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.
- 23. Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.
- 24. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is prohibited, except when the acreage loss of waters of the United States authorized by the NWPs does not exceed the acreage limit of the NWP 14, with with the highest specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14, with associated bank stabilization authorized by NWP 13, the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.
- 25. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate the permittee may transfer the nationwide permit verification must be attached to the letter, and Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

the letter must contain the following seasons	mit are still in existence at the time the property is
"When the structures or work authorized by this nationwide per transferred, the terms and conditions of this nationwide permit, on the new owner(s) of the property. To validate the transfer of the with compliance with its terms and conditions, have the transfer	

	Mitti Courbination		
	ħ		
		(Date)	1
	(Transferee)	an NWP verification from the Corps must submit a s	igned certification
26.	Compliance Certification. Each	(Date) (Date) (Date) (Date)	

regarding the completed work and any required mitigation. The certification form must be forwarded by the Corps with the NWP verification letter and will include:

- . The water of the analysis of the same and the same and (a) A statement that the authorized work was done in accordance with the NWP authorization, including any general or spécific conditions; The first of the second of the
- (b) A statement that any required mitigation was completed in accordance with the permit conditions; and
- (c) The signature of the permittee certifying the completion of the work and mitigation. tiga Tanan a sili a hari salah a silipatan a adal Jan Jamania i.

27. Pre-Construction Notification.

- and the second of the second o (a) Timing. Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, as a general rule, will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity:
 - (1) Until notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or
 - (2) If 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 17 that listed species or critical habitat might be affected or in the vicinity of the project, or to notify the Corps pursuant to general condition 18 that the activity may have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that is "no effect" on listed species or "no potential to cause effects" on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or Section 106 of the National Historic Preservation (see 33 CFR 330.4(g)) is completed. Also, work cannot begin under NWPs 21, 49, or 50 until the permittee has received written approval from the Corps. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee cannot begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee's right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).
- (b) Contents of Pre-Construction Notification: The PCN must be in writing and include the following information:
 - (1) Name, address and telephone numbers of the prospective permittee;

 - (2) Location of the proposed project; (3) A description of the proposed project; the project's purpose; direct and indirect adverse environmental effects the project would cause; any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. The description should be sufficiently detailed to allow the district engineer to determine that the adverse effects of the project will be minimal and to determine the need for compensatory mitigation. Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the project and when provided result in a quicker decision.);
 - (4) The PCN must include a delineation of special aquatic sites and other waters of the United States on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters of the United States, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many waters of the United States. Furthermore, the 45 day period will not start until the delineation has been submitted to or completed by the Corps, where appropriate;
 - (5) If the proposed activity will result in the loss of greater than 1/10 acre of wetlands and a PCN is required, the prospective permittee must submit a statement describing how the mitigation requirement will be satisfied. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan;
 - (6) If any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, for non-Federal applicants the PCN must include the name(s) of those endangered or threatened species that might be affected by the proposed work or utilize the designated

- critical habitat that may be affected by the proposed work. Federal applicants must provide documentation demonstrating compliance with the Endangered Species Act; and
- (7) For an activity that may affect a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, for non-Federal applicants the PCN must state which historic property may be affected by the proposed work or include a vicinity map indicating the location of the historic property. Federal applicants must provide documentation demonstrating compliance with Section 106 of the National Historic Preservation Act.
- (c) Form of Pre-Construction Notification: The standard individual permit application form (Form ENG 4345) may be used, but the completed application form must clearly indicate that it is a PCN and must include all of the information required in paragraphs (b)(1) through (7) of this general condition. A letter containing the required information may also be used.

(d) Agency Coordination:

- (1) The district engineer will consider any comments from Federal and state agencies concerning the proposed activity's compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the project's adverse environmental effects to a minimal level.
- (2) For all NWP 48 activities requiring pre-construction notification and for other NWP activities requiring preconstruction notification to the district engineer that result in the loss of greater than 1/2-acre of waters of the United States, the district engineer will immediately provide (e.g., via facsimile transmission, overnight mail, or other expeditious manner) a copy of the PCN to the appropriate Federal or state offices (U.S. FWS, state natural resource or water quality agency, EPA, State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Office (THPO), and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will then have 10 calendar days from the date the material is transmitted to telephone or fax the district engineer notice that they intend to provide substantive, site-specific comments. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the preconstruction notification. The district engineer will fully consider agency comments received within the specified time frame, but will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each preconstruction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5.
 - (3) In cases of where the prospective permittee is not a Federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by Section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.
 - (4) Applicants are encouraged to provide the Corps multiple copies of pre-construction notifications to expedite
 - (5) For NWP 48 activities that require reporting, the district engineer will provide a copy of each report within 10 calendar days of receipt to the appropriate regional office of the NMFS.

(e) District Engineer's Decision: In reviewing the PCN for the proposed activity, the district engineer will determine whether the activity authorized by the NWP will result in more than minimal individual or cumulative adverse environmental effects or may be contrary to the public interest. If the proposed activity requires a PCN and will result in a loss of greater than 1/10 acre of wetlands, the prospective permittee should submit a mitigation proposal with the PCN. Applicants may also propose compensatory mitigation for projects with smaller impacts. The district engineer will consider any proposed compensatory mitigation the applicant has included in the proposal in determining whether the net adverse environmental effects to the aquatic environment of the proposed work are minimal. The compensatory mitigation proposal may be either conceptual or detailed. If the district engineer determines that the activity complies with the terms and conditions of the NWP and that the adverse effects on the aquatic environment are minimal, after considering mitigation, the district engineer will notify the permittee and include any conditions the district engineer deems necessary. The district engineer must approve any compensatory mitigation proposal before the permittee commences work. If the prospective permittee elects to submit a compensatory mitigation plan with the PCN, the district engineer will expeditiously review the proposed compensatory mitigation plan. The district engineer must review the plan within 45 calendar days of receiving a complete PCN and determine whether the proposed mitigation would ensure no more than minimal adverse effects on the aquatic environment. If the net adverse effects of the project on the aquatic environment (after consideration of the compensatory mitigation proposal) are determined by the district engineer to be minimal, the district engineer will provide a timely written response to the applicant. The response will state that the project can proceed under the terms and conditions of the NWP.

If the district engineer determines that the adverse effects of the proposed work are more than minimal, then the district engineer will notify the applicant either:

(1) That the project does not qualify for authorization under the NWP and instruct the applicant on the procedures to seek authorization under an individual permit:

(2) that the project is authorized under the NWP subject to the applicant's submission of a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level; or

(3) that the project is authorized under the NWP with specific modifications or conditions.

Where the district engineer determines that mitigation is required to ensure no more than minimal adverse effects occur to the aquatic environment, the activity will be authorized within the 45-day PCN period. The authorization will include the necessary conceptual or specific mitigation or a requirement that the applicant submit a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level. When mitigation is required, no work in waters of the United States may occur until the district engineer has approved a specific mitigation plan.

28. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

3. Regional Conditions for the Los Angeles District:

In accordance with General Condition Number 23, "Regional and Case-by-Case Conditions," the following Regional Conditions, as added by the Division Engineer, must be met in order for an authorization by any Nationwide to be valid:

- 1. For coastal watersheds from the southern reach of the Santa Monica Mountains in Los Angeles County to the San Luis Obispo County/Monterey County boundary, all road crossings must employ a bridge crossing design that ensures passage and/or spawning of steelhead (Oncorhynchus mykiss) is not hindered in any way. In these areas, bridge designs that span the stream or river, including designs for pier- or pile-supported spans, or designs based on use of a bottomless arch culvert simulating the natural stream bed (i.e., substrate and streamflow conditions in the culvert are similar to undisturbed stream bed channel conditions) shall be employed unless it can be demonstrated the stream or river does not support resources conducive to the recovery of federally listed anadromous salmonids, including migration of adults and smolts, or rearing and spawning. This proposal also excludes approach embankments into the channel unless they are determined to have no detectable effect on steelhead.
- 2. For the State of Arizona and the Mojave and Sonoran (Colorado) desert regions of California in Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and south of Little Lake, Inyo County), no nationwide permit, except Nationwide Permits 1 (Aids to Navigation); 2 (Structures in Artificial Canals), 3 (Maintenance), 4 (Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities), 5 (Scientific Measurement Devices), 6 (Survey Activities), 9 (Structures in Fleeting and Anchorage Areas), 10 (Mooring Buoys), 11 (Temporary Recreational Structures), 20 (Oil Spill Cleanup), 22 (Removal of Vessels), 27 (Stream and Wetland Restoration Activities), 30 (Moist Soil Management for Wildlife), 31 (Maintenance of Existing Flood Control Projects), 32 (Completed Enforcement Actions), 35 (Maintenance Dredging of Existing Basins), 37 (Emergency Watershed Protection and Rehabilitation), 38 (Cleanup of Hazardous and Toxic Waste) and 47 (Pipeline Safety Program Designated Time Sensitive Inspections and Repairs), or other nationwide or regional general permits that specifically authorize maintenance of previously authorized structures or fill, can be used to authorize the discharge of dredged or fill material into a jurisdictional special aquatic site as defined at 40 CFR Part 230.40-45 (sanctuaries and refuges, wetlands, mudflats, vegetated shallows, coral reefs, and riffle-and-pool complexes).
- 3. For all projects proposed for authorization by nationwide or regional general permits where prior notification to the district engineer is required, applicants must provide color photographs or color photocopies of the project area taken from representative points documented on a site map. Pre-project photographs and the site map would be provided with the permit application. Photographs should represent conditions typical or indicative of the resources before impacts.
- 4. Notification pursuant to general condition 27 shall be required for projects in all special aquatic sites as defined at 40 CFR Part 230.40-45 (sanctuaries and refuges, wetlands, mudflats, vegetated shallows, coral reefs, and riffle-and-pool complexes), and in all perennial waterbodies in the State of Arizona and the Mojave and Sonoran (Colorado) desert regions of California in Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and south of Little Lake, Inyo County), excluding the Colorado River from Davis Dam downstream to the north end of Topock and downstream of Imperial Dam (Federal Register dated March 12, 2007 (72 FR 11092) regional conditions requiring

notification do not apply to Nationwide Permit 47).

- Notification pursuant to general condition 27 shall be required for projects in all areas designated as Essential Fish Habitat by the Pacific Fishery Management Council (i.e., all tidally influenced areas - Federal Register dated March 12, 2007 (72 FR 11092), regional conditions requiring notification do not apply to Nationwide Permit 47).
- Notification pursuant to general condition 27 shall be required for projects in all watersheds in the Santa Monica Mountains in Los Angeles and Ventura counties bounded by Calleguas Creek on the west, by Highway 101 on the north and east, and by Sunset Boulevard and Pacific Ocean on the south (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).
- Individual permits shall be required for all discharges of fill material in jurisdictional vernal pools.
- Individual permits shall be required in Murrieta Creek and Temecula Creek watersheds in Riverside County for new permanent fills in perennial and intermittent watercourses otherwise authorized under NWPs 29, 39, 42 and 43, and in ephemeral watercourses for these NWPs for projects that impact greater than 0.1 acre of waters of the United States. In addition, when NWP 14 is used in conjunction with residential, commercial, or industrial developments the 0.1 acre limit would also apply.
- 9. Individual permits shall be required in San Luis Obispo Creek and Santa Rosa Creek in San Luis Obispo County for bank stabilization projects, and in Gaviota Creek, Mission Creek and Carpinteria Creek in Santa Barbara County for bank stabilization projects and grade control structures.
- 10. Notification pursuant to general condition 27 shall be required for projects in the Santa Clara River watershed in Los Angeles and Ventura counties, including but not limited to Aliso Canyon, Agua Dulce Canyon, Sand Canyon, Bouquet Canyon, Mint Canyon, South Fork of the Santa Clara River, San Francisquito Canyon, Castaic Creek, Piru Creek, Sespe Creek and the mainstem of the Santa Clara River (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).

- Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - () Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
 - () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
- Limits of this authorization.
- (a) This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
 - (b) This permit does not grant any property rights or exclusive privileges.
 - (c) This permit does not authorize any injury to the property or rights of others.
 - (d) This permit does not authorize interference with any existing or proposed Federal project.
- Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
 - (a) Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from
 - (b) Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf
 - (c) Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity
 - authorized by this permit. (d) Design or construction deficiencies associated with the permitted work.
 - (e) Damage claims associated with any future modification, suspension, or revocation of this permit.
 - Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

- 5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
 - (a) You fail to comply with the terms and conditions of this permit.
 - (b) The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
 - (c) Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 330.5 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measure ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

- This letter of verification is valid for a period not to exceed two years unless the nationwide permit is modified, reissued, revoked, or expires before that time.
- 7. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition H below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 8. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished with the terms and conditions of your permit.

ENCLOSURE 4

.

Enclosure 4: Sunriss Powerlink impacts to Waters of the U.S. within NWP 12 Single and Complete Projects

	8				1	<u> </u>				8	T	Ţ	2		22	ă		£					8		9			88	=	30					5	8	25		_		-	- F	Ça Ç	
t temporary Impacts: d tinas feet				9.				_		+	+	8	+	8	+	+	ğ	-	5	Ŕ	122	7	-	Ę.	—			1		_		R	8							-				
Parestreet Inspection (Inspection)	9				_	0.047		L	-	0000	1	-	1040	<u> </u>	0.034	8500		0200	_	<u> </u>	-		1		 			0.003	0.00	i			 	+	0.013	0.008	2500			1	1	2000		
Temporery (secret)	0,006	_						-	¥9.	<u> </u>	2000	0.042	<u> </u>	2200	- -	<u> </u>	9013		 			000	0000	-	, de			\		\ 				200	1					0.003	0000	-		
Permoant impacts: Area (unres)	686 (0) microscope		000						0.005		90	8	1	اُ		<u>_</u>	-	<u> </u> 		1	<u> </u>	-	-	-	-					-			H	8	1	<u>}</u>				<u> </u>	}	25	Ļ	
Grantity of Stacharped Naterial	5CY		2007	0.16 CT		37.75 CV	L		3.85.07	\$ 865 CY	1.28 CY	3651 €7	34.83 CY	18.58 CY	28.75 CY	200		19,000	18.28.04	211.07	1229 CK	2004 200VB	1340	7.28 CY	0.35 CY	9.21 CV		17.BB CY			277 CY		\$ 65 C¥	29 188 188	11 65	48.89 CY	Ţ			289 CY	0.20 CY	39.68	ļ	
Typa of Material	Esthork					38			38	To Se	<u>7</u> 2	35	75	3					- P	3	3	evode eur	305	3	P02	Soal			~ }~~	33	23	7 199	den Rap	avoda est	73 10 10 10 10 10 10 10 10 10 10 10 10 10	1"	T	33	888	ing.			٦.	
Reason for Thacharge	ĺ			Grübeling any		No Gradense Gratektes orde	3000		No Grading	Gridding	No Gricero	No Grading	Grubbing	No Graden	Gruttstag.	Grabina	Grading No Grading	Grubbing orby	Grading	Graftières outy	Christing only	Grubbing or	Caractering and	Gratema	No Emanor Garbbing only	Grabbing/ Grading		Grubbing	Grading Grubbyng/	Gradding	Greating		Dip Section	025800	Grebberg	Greiching	Greateng	Grading		No Grad	No Grad	Grubbeng	Ì	
Temporary Impact Type (TCMP, Constitut, Yd., TP8)							10,87		_	9			1	2	1	LCMD.	TOPO	-	TCNF	_		38	1	TCMP		TCMP		_	TORP	TCMP	TCMP						AND .	Sqt	Н	_		1	NO.	
Permanent Impact Type (Str., AR, PC.RP, Grad., Bub, TSAP)				ş					PCMP	100 de		PCMP	SEE	PCMP.	oped oped oped oped oped oped oped oped	1		1000400		₩.	PCM5 100x100	POMP 38075	PCMP Grad	ļ —	PCMP	_			1	-		H	<u>₩</u>	2		+	-	0)	+	1	ž į	AR Gred	-	
OH7758 Weden (F)		•		5		_	Acc poly	Ш		-	-	=	91	=	22	F	83	-	- 20			N	<u></u>	-	+				2	ę	e.		6		8	B	R	O)		_	1	1	1	
Systrology Typa (P, L		3		ų,		_	3		_	4	=	<u> </u>	<u>w</u>	<u></u>	<u> </u>		щ	U	<u> </u>	<u>u</u>			1 1		-				<u></u>	N)			_	+	- 	w	111	w				" -	4	
Stream Type (UM, SNR, SRV, or W)		NO.		DW			W		_	MO	MAG .	wa o	WE D	NO CAN	NO CO	VAC DO	WG 00	W.C. 00	i i		NO TO			AG COO			8100 OW		WIG DV		SAP.				V20 00320	WO CONTRACTOR	WO COLUM	WO COCKE		-	472500 DW	115.78072472500 DW	-115.73972472500 DW	
Long/Euris (PADIGT)		415750080300		DOC1783807.241.			-116 7707089800			-115.77431706800	-115.77431700800	-115,77403177600	-415.77403177800	-115,77403177600	-115,77447112000	-116.77447192000	0451E3E3E3E400	COR TTRETABBOO	L				Ί	Ĺ.	1	7	-116 77954505100		00 -118,78514634100	L		-11-11-11-11-11-11-11-11-11-11-11-11-11			53 -11& 76114S22100	-418.78114902100	-115.79114972100				00257427897.2111	_Ĺ	_	
L CERTAIN PLANTS 1		22,7227,007,3800		100000000000000000000000000000000000000			22 72854428750			32,74215548340	OF TATISTAND	52.74187364870	S2 74187386970	32 74157384870	22 74105285500	00.000 14.1 cm	Section 1	22, (and lucinos	37,7442501818	22,74425018510	32.74394177070	3274334177070	32,74394177070	32 74394177070	72 74394177UTE	32,74403180100	Lower Corputa Wooth 20,74400180100		20340A644	200	Z 7422531Caco	22.7484423930		3274871722690	32.74870122559	52,74870472850	32,74870122550	SOLUTION OF	22/48/100		32.75256502120	32.782858201.25	02,1562585307,00	
\	_	Worth 32.75	H		Weeth 34.1	-				a Vitaeh	a Wesk	ha Wizeth	ts Wesh	ta Wash	Wash		TO AVERT	the Wate	ola Work	do Wech	Lover Coyote Weath	ower Coyets Worth	owar Coycla Work	swer Coydle Wash	cover Coycle Week	Awar Coyetts Worth	ysta Wooh			1	£	Yutha Wassh		Hamilton .	Tight.	19	1				Vesh	A section	Asset	İ
Watershed (RUC 17.)		Lower Coyota Woods			Lower Coyotte					Lower Coyofe Vitable	Learn Coycle Wesh	Lower Coycte Winds	Lower Coycle Weah	Lower Coyota Wash	Courts Wilde		COVER COYCLE VYER	Lewer Coyeta Wash	Lower Coyota Work	Lover Coyota West	Lower Coy	Lower Coy	Lower Coy	Lower Co.	Lower Co	S and		វា 🖁		York Wash	Yugha Wanth			Yune Wonth	Y,dra Wandt	A SALVE	Vulna Minah	A BLAZIL	Yuha Wash	1823	Yuka Wash	Yuka Wash	Yuha Wash	
Watwritted (HUC 8)					Solden Sus			Satton Sea		Selfon Bas	Saftern Sites	Seaton Sasa	Salter 360	Coken See		Salbri year	Sækon 8ea	Saton See	Satton See	Salon Son	Salon See	Salturn Sea	Gaiton Bee	Sakon Ses	Salten Sos	Salton Bea	Satur Bas			Section Sea	Staden Sam	Salfon Sea	33 3	Barry San	Seiten See			Calton Sea	Salton Rea	7 89	Saffer Sea	Service Services	Selfon Sea	
Tribulary to Heatreff Countstrains Waterboody		9—			Lower Coycle Wash			Lower Copola Wash	+63			4400	-		T	Lovers Corporte Warch	cover Ocyette Weath	Dwer Coyota Wash	over Coycle Wash	Dwer Coycle Wash	Lower Coyote Westh	gwar Coycta Week	ower Coyota Wzeh	Dayes Coycle Wash	Courte Cortos Winnis	John Coycle Week	Lower Coyets Wash			Yuha Wash	Yuka Wash	P350 Yuth Weeh		1000	anni anni	YEAR CARRES	Yudan Weath	Yight Winsh	Yutha Wanh		1	Years Years	Yuha Wash	Yight trees.
Haerest Tra					9957			P.553			+	\	T			P367	(S)	5	931				_			Γ	_			Se Se	980	P260			\prod		200	5352	PSUB			Ž	1961	5
Project Na Locatorio Str. Certificate Na	—				Stroets P25			P35			1	T		7	repense The second	reported PS	mporter.			-			Ī	Γ	Γ		an action			Inperial	pyradut	knowka			11100012F	Grandad	Himperia	(mperist			-	limper(st	Imperial	purporti
Wateroody open in the			3-DW-2		4-074-10 374			4-DW-16 km			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4-DW4	4-DW-5	ACTIVE B	6-DW-5	400	4-WD-9			Γ				3-0W-12	Τ		5-170-14	0 000		8-DW-8	S.DW.S	S-FRM-18			6 DW-1	S-COM-1	\$ DW.	8-DW-1	S-DW-3			#-DW-11	8-EW-II	B-DW-11

Impacts: (Insat (1993)		 	à	T			7	<u>81</u>		8					T	T -	3				160	13	St.	88				- F		210	\$	88	25			199	8	3	3	300	7	3 — 8	Page 2
	튀 -	+	+	8	6		_	+			- 15	-			1	+			ā	- F						2	88	*															
Distar (feet)	-	-	ह	- -	100	Ц	L	900	0000	9000	 -	+		-	+	+	199	纐	_		882	1.00.0	9.130		W B	_		\mid		859	800		500.0			0.013	0.005			0,000	0000		
trapacts: Area (acres)			4000					9 	5	ľ			g e		8	- <u>e</u> l-	2000			1 8		 	_	_						-	<u> </u>	 - 				1	_	7000	0.00			Sur	
(acres)	0000	2000		0.003	0000							500	0.00		000	200:0			Ĺ	\\ \-	" 	-	<u> </u>	_			-	+	-	-	-	+	-			,,		ļ			1		
Discharged) (8)	004 CY	29.07	30 CX	<u>₹</u>			12.05.07	75.6	5	75 E	ČŠ.	107		0.61 CY	2.60 CY	250 CY	 	L	363 07	13 CV	639 C	223	٦.			23 24	201.78 CY	SACOCIA GOST	0.30 CY	240 37 CV	297 CY	21807	2.28CV		10.40 CY	772 51 CY	148 CV	n 76 CV	7.05%	٦	- 100	
of Markerial		8	_e1	-								Earthwerk	Farthwork		*8	38	1				Sof	252	1025	Pos	79.		Pos	33	see about	78	28	_	3	Sec.		3		3	_	-		3	_
Reason for Type Discharge	No Grading Guddhig only Sol	degy rg ordy Soll	<u>8</u>		-	e (co ou	_		1	200	25	Filtry of stream Ea	PEng of streets Ea		·	Grander Comments	<u> </u>		- XXX			~	rueno Subtéro		Grading		Gritting only	Christing only	Contains only	Ondebra only	Grading	Grading	Contabing only	Contro		Assess	Duagerug	Gradeng No Gradeng	Shabong on No Grading	Grabbing on	Gradeng/	Grading	
	24 E	200		Ì	2	Sum			Condition	Ì	ļ	4114	2		20	5 5	T		2	012	0 0	TOUP	TCMP		TPS						TOMP	ТСЭЕР		TCEP			1	22	-	-	TCMP	тсмР	
Type impact Type AN, (TCMP, Grad, Contract SAP) Yd., TPS)	+	_			+	-1		-	TCEN	1097	TCMP		18			CMP State	3	2		PCMP 100rf00		+	_				<u>r</u>	PCMP 100x100	PCMP 36/06	429			100x100						AR PCMP	100000			Ц
M (Str. AR, (Str. AR, (M) PCMP, Grad, Extb. TSAP	PCMP		100	+	2	AR Grad	Н	-	-		<u> </u>	<u>_</u> ₹	Ę			2				និត្ត	ä			April on	î.		94			1160	1160			r.		_	-					·	Н
MAHO (14)	 	-	-	+	-	-	+	_	-8	_SI		<u> -</u> "	-			-	51	Z)		- 2	- 54				Ę						43	עני	W.	łı				ш	ш			<u> </u>	
R, Type (P, L M) Type (P, L	-	<u> </u>	ш		<u>u</u>	ш	-			<u> 113</u>		+	1.1			OJ.	TIE.	12		4	<u>u</u>	靻	th.	ш'	9	T	12								NO.					>	2	2	
Streen Type (DW, BHR, 8RV, or W)	_ -	MO B	W.C.	755 00	₩ <u>0</u>	VICE DOX			700 DW	VIII 009			8			WO 000	ALC CONT	NO COM	Н	ACT CALL				WO OCEOOS			AM OUT ON	Day of the		NU UU	W. D. D.	CONSTRUCTION CHA					115 82563708800 DW	-115 szaed709800 DW	-115.8291412420 DW	115.027818750XD DW	415 82781876000 UW	778877300 DA	
Langitude (KADSS)		115,799705/0000	-115,789705/0200	115.78970570200	-115,8CD18418000	-115,80018418000			116.80487130700	2000 TANK 344	113,004,100,011	115 2041175090	115.62834248200	118 000 522 500		118.60863253400	.119.60263253400	-118.60883253400			CO18800840840	415.81450886100	115.81441726100	OC800802718-211-	İ			W118 811 1			001000000000000000000000000000000000000		L.		015-818-219-						_	i.—	373
Latteds (NADA3) 120	-+	22.75302078770	32.7530207877G	275302018770	32.75222500810	0.0000000000000000000000000000000000000			21.7545000000		22.75665089250	3275462518150	2000	22,75012288270		CTREASON CO	32.78988502170	22 75888502070			32 75673084110	ST. (DAT CO.O.)	32,75670000000	C. CONTROLLES	0.0000000000000000000000000000000000000			T075757412	32.782357412A	32,762575/4124	92.78251694120	32 761537 26	T. Personal St.	32.7611383-50140	22.70112525740		32,766858285910		32 7052348070170	32.78594103140	32.78584103140	27 100000000	Linear Coynta Weet
		8	8	891	н	_			_	<u> </u>	1	1	1				_		-		+	\perp	-	-		- FIETH	_	_	+	<u>_</u>	_	_	- -	+			- i	 	1	1			1
Watershed (HUC 12)		Yuba Wath	Yels West	Yukha Wash	Verba Vivada		n Andrew			Yuke Wash	Yufta Warth	Yuha Wash	Yuka Westh	Yuka Wash		course Correctio Westell	pietr Coyote Wash	Ower Corotte Wilself			over Coyote Wesh	cower Coyota Wash	Dones Coyota Wash	DANKE COPOLO WINDS	Lawer Cayeta Vraen	Charles Copies		Louis Coyaba Westh	Lower Coyods Wash	Leaver Coyces Worth	Lower Coyeds Wildh	Lower Coyote Winds	Lower Coyota Warb	Lower Coyota Wash	Lower Cayota Wash		Coope Week	County County Wash	the Mark	and an interest	Linear Cayola yama	_	• • • • • • • • • • • • • • • • • • • •
Wetershad (HUC 6)		Salton Sea					Satori See			Salton Sea	Salton See	Salton San	Safter Sas	Salton See		V. Column files			11:10		Selton See	Selton Sea	Batton Gee	Setton Sea		Satton See		Salan Ges	Salton Dea	Satur Saa	Suffer See	Satton Sea	Salur Gea	Saltan See	Sudan Sea			Gatter Sea	Service Const	Salton Sea	Guzten Sete	Safton See	Salton Sae
Triminary to housest by		Safe					Yutuu Waah			Yoja Wash	Yidra Wardt				- N			CONSTRUCTION ALEGAN	Lower Coycle Warn		Lower Coyota Wash	ower Coycuts Westi	Ower Coyota Watch			Lower Cayata Wanti		Lower Coyota Warth	Lower Coyotte Wants	Jower Corotte Witsch	Lower Coyote Week	Lower Coyota Wash	Lower Doyota Week	Louise Coyota Want	Layer Coyote Woods			Lower Cayota Weeth	Lower Cayote Wash	Long Coyota Wesh	Lower Corpota Wieats	Lower Coyuta Warth	Lower Coyota Wash
Keares Tri		Γ	Τ		T	Post	P347 Yuta	***	_	27.5	P348 Yuh						1	_	25		P344	P344	P344	HS44	17	¥.		P342			136	2762	F343	230	P343			1284	2	PS4	P341	P341	25
Project Ke		Ţ	1	Ţ	roperte 17347	My Superior	PS/			PS menuta								Transfer F	Impatial	_					(myserine)	Inpatrial				Inspersion	Stropenhod	Increased	Imported	moveted				Imporial	Respectati	Emportsi	Importal	Imperial	7-DA-11 Trapelial P341
Waterbody		T	_	PCM-13	9-DW-13 Im	6-0W-14 Im	8-CW-14 (m	232E		8-DW-4	Γ	1	a.mw.m		3828		e-DW-4	B-DW-1	9-DW-1		2-DW-10	4-DW-19	(SW-18	7-UM-23	7-DW-27	-DW-28			7-DW-12/13	F-DW-12H3	7-5W-12M3	7-DW-1213	7-DW-14	7.1981.45	7-0W-16			7-044-8	7-DW-8	7-DW-6	7-044-10	7-DW-10	7-EW-11

						,		_{जिल्ल}	8,00		7	B 1.	r	200	*	1	≅I	Т	7	35	<u> </u>	<u> </u>	T	Ţ	Ţ	*	<u>الم</u>	ħ	a			_			S	DOM:		7	_	200				- 7	Ę				Page 3	p •	
(CHT/SM)	Temporary Impacts: Issaer (teet)	R		_	173		! 					<u> </u>		·*			1	8	6					8	~	-	-	-					3	8				8	ã	 			18	-	_		12	-	-		
<u></u> ĕ├	Percental Impacts: (Insert (1941)	1	8	9	~ !			2			-		81			<u>~</u>	=					+	-	 	-	0000	0000	8000	Ĺ.	- Inno		-		<u></u>		E TR				320				 	<u> </u>	GEST	+	+	1200		
ce Ordeney High Water Back	Temportery Impacts: Area (acres)	0.036			0.005							0.108				\$000°	500		- E			BOOR	1000	0.013	g.001	-						0.024	900-0	9000				5,0,0	900	<u>_</u>	- 4			O'M'O	5003	$\frac{1}{1}$	8000	9000	4	ı	
O peset	Perrenant Impacts Arts 1 (mess)		0,013	0000			5000	0000			BCCO		1			- -	_	200		-	\ -	ŭ	ā	•	9	ļ	-		-			<u></u>		-		-6	H		-	-	*		_	+	<u>}</u>	<u>}</u>	<u> </u>	_) (1)		
	Quantity of Discharged Naterial	70 88 64	70.75		5	\$4.75 CY	SB4 CY	0.44 CY			28.10 CY	74.201.57		#7.0X	18877107	0.81 CY	13007	1 2		5	5.75 CY	1.1357	0.06 CY	10.70 CY	10.75 CY) 2		5	8	ون 1		ia.19 CY		8.70	DOCUM SPACE	257.38 CV	Н			43.18 CV	196.18 CY			13.23.07	34.73 07	34.12 CY	7.12 CY		38.87		
	Type of Material										3		38	808	300	. %	2		38	9	33	738	garg.	78			Cathwar	Earthwesk	755	Sol	1 1			78	- 558 mgOve	105		~~	38	700	30g			· \$	nt. Soft	35	3		- Sec.		
-	Receion for type	Galbing/	No Grading		Series of See	- P	Grading steking only Soil		FRRE.		Grading!	Captago	S Comen	entation and	S Section 5	Statement of the Statem	O. Market	Ho Grante	Ondebro only	Grubbing only	Gruttons	No Grafanyi Grubbing enty	No Grading	No Grading	No Gradino	Orthopia and	Figure of #Creams	Figure of street	Grading Carbotral	Orading		No Grading	Grebbing mily	Gutteren only	Graphing only	Grading		Outstray	Specifical No. Graduol	Cardy and	Grading			Grubbing only	Grubbing of	Grading	Grubbing	Faire of #	Gradeno	Grade	
	Temporary Impact Type (ICMP), DN Construct YL, TP3)		TCMP	8 2	88	CHP	<u>≇</u> 8	26			ž		TOMP	9	TCUP	١.	1	TCMP			TCAP					-	TPS	TP8	ТРВ	1788			1		£	TOWP			1	_	TCUP			_		4902£	_			TOKP	
	Permanent Te mpact Type (m) (8tz, 68, pckP, Grad, C 6ub, T8A9)		<u> </u>	<u>s</u>	AR Grad	=			AN CIVE		РСМР	100x100		post porto					PCNP 35475	PCMP Grad	ļ	AR.	1	2	¥_	AR Grad	-	<u> </u>	_				AR SOLEG	10000	PCMP 38x75				¥	tood of	· 			₩.	PCMP 100400	-		*	Act Comp	_	
}	T TOWNS	1	8		-			T	51			23	8	¥2		2	<u> </u>	4				<u> </u>	+		=	18	.3	_=	2	-2			175	175	175	Į.			8	8	Ī		_	12	<u> </u>	2 3	2	4	-		
Ī	Hydrology Type (P, L			J.	u	ı i			F			<u></u>	ш		<u> </u>		ш	Щ	μį		-	-		_		ᆈ	w	ĮŅ.	<u>. 13</u>	<u> </u>			u.	ш	-	╬			<u> </u>		<u>, </u> ,	,		1	+	-	ш	_ کنا	<u> </u>	-	
	Steam Type (DW, SHR, GRV, or VI)		MG.	MA.	à		M	Ma	D.W.			DAV.	, MG			wa	ALC:	MO.					MD Q	WOO	MG DC	00 DW	ANC] DO	WC 00	WCico	WC) COR			WELLOOP			NA CONTRACTOR	rroi DW	Н	WOJOOZS			9000 DVV		1	An and an an an an an an an an an an an an an				XXXXXX DAV	.115.9578990Z700 DW	
	Long(bbós (NAD25)		-115,83372018700	90230			. 1 (5, 6225) SeedOurw	-115.82228700300	-115.83228700300			-115,84278987500	OCCUPATION STA		-116.83753428100	.115,83753428100	-115.65798678100	J (5.8370202900	OCESCE DE SESSE SE LE		-115 Residental	-115.83834843300	-11E 62884165000 DW	-115.63984186000	-115.83873100500	-115.83473150520	WI DOCUMENT TO THE PARTY OF THE	.+16.64034786200	A18 8408-4107000				-415.84728724700	1	1		115.84728724700		0078874387D		1_	116.85297116000				-115.85762278800	30 .115.85782378900	70 -115.85758902700	76 -115.857.00903700	ĺ	ĺ
	Lettoda (NADB3) Los		22,78763938870	Object to the contract of		72.18/163.20pm	92.16763228590	32,78708286720	1			227721828221D		37.77.78	32.78871.787820	9276871787020	32.76(6620)6850	00000000000000000000000000000000000000		ST HULCHWAN	32 77002104980	32,77002104890	22.7606T-201060	32.76B87.2010ED	32 78045809080	32 76945838080	DOMESTICAL CONTRACTOR	100000	200	32,17133618605	32 77175 88 50.00		OPPROPRESSION OF	7	37.7743046044	3277	32,77424409440			37 (1835)	32,77847580060	32,77857580040		1	32.77690534180	32.77820538180	3277690538180	52 778875587770	32,77882538775	22 7788258877.05	
	Watershad (HIIC 12)		200			Pleater City	Pluncial City	Pleater City	-		122	20	Property City	Placter City	Pinaster City	Pissets City	Plantise Oliv		Ploster Cal	Pleater City	Planeter City	Playter City	Pheter Cdy	Phonoday City	pleater City	at of	The state of the s	Paster CO	Placter Cffy	Plazator City	Property City			Paustos City	Plantar CRy	Plactor City	Passiva City			Prestor City	Peaster City	Phospher Coty	5000d		Plantar City	Planter City	Pleater City	Plasmer City	Plant City	Operator City	Figure Car
	Wastershad [HUC 6] W	_,,,,			Saltar 240	Soltm Sea	Sahon Sea			Carbon Sea			Salzen See	Saltori See	Sustan Sea					Selfort Sea	Gattori Sea									Saiten See	Saltari See			Section See	Solton Son	Saiton Sea	Sation Res			Seffor See	Eaton See				Setton See	Garton See	Satton Bea	Batton Sea	Carlos Care	300000000000000000000000000000000000000	Safton Sta
	Tribatary to Retaries			Plactar Chy	Pleaster City Sai	Plantar CAy				Planter City			Pleater City	Phonocea City	•			Parcer City	Planther City	Plenter City	Popular City						Plactar City	Planter City	Pleatier City	Pleater CRy	Planter Offy			Phaster Chy	Pleater City	Paster Chr				Pleater City	Plantier Caly	40	Control of the contro		Planton City	Design Circ	i i	all many (villa)	ery amberia	Picarctor City	Pleater City
	Nument Structure		+	928	Page	P340	Γ			P3.00 R			802	P338			1	P338	9339	P330			Γ	T	825	200	7538 1000 1000 1000 1000 1000 1000 1000 10	P339	P(328	PSSB				7337	PZZ	100	1			EF-338	8338		82.4	_	9020	, and		8	2388	905.4	80
	Preject Location in		†	mperial P.	mperter		Γ	T	Croperte	ingonial P	9		insperial .			T	Impecial	Imperia	trendaí	Imperial				Imparisa	Impactor	lenperte	Imported.	Inspector	Emperior	Irreporter	dragact			Ginperial	Imperted	l policies		ansem.		Ingesta	,		(mperial	1 788	D. Control		ill see in	Impetit	Crepanial	Imparial	Stranger 15
	yazlerbody			8-DW-18/17 (m	B-DW-20			7	8-DW-21722 In	9-DW-21/22	2		8-DW-2	 		Ţ	6-DW-548	8-DW-8				P-NAT-9	0-000-02	S-DW-14	0-DW-14	3-DW-15	8-DW-18	8-W-28	8-WW-28	95WG-80	4-m/-22			8-DW-23	8 9 8	2	S-WO-	\$-DW-23		01-04-10		L ACOR	9-DW-11			200	9-MO-8	9-W-6	€ AEL®	8-MO-6	B-MAC-6

																									_	_	- 534	28	-	~ _[~ ~	26	ei l		7			T	1	T	П	T	<u> </u>	S I	ΓŢ	ŢŢ	Π			10	T]	Page 4	
<u> </u>	Tensperary Impacts: Livear (finet)								314								8						-	- 6			3				1				2				- FQ	 	34	 - -	-	-		2 23			- 🗱		-	B		
호	Permanent T Impacts: Linear (front)			X	귡	12	1					8	**	ē			B	_	×		1	1		L						1	1		1000		_		-	-	1		-		+	0.001					T		0000			
on Ordinary Higs Water Mark	Temporary Impacts: Area (acces)							Zi.	787.0			2	000		0.110	accol	0.363	2000		and a	0,000	0000	0000		0000	1000	3000	9 <u> </u>	-	2,007	0.00				1200			000	0000	100	0000		0000	_	80	0000	200	3000	8L_8		-	0.228		
Passel	Permanent Impacts: Area (acres)			6.184	9.00	1	900	0.002				5		_	=	-		 -		1			-	-	1	1	0000					-				-	+		· .	 - 	MOD		DYINGS 694	, C,	<u></u>	Pack abore	<u> </u>	apone apone		-	218 CY	- *		
	Ouentity of Discharged Naterial			100 CV	_	7834CY	Section 45	1.68 CV	אסרפו כא			S 88 C	-	2	88.17 CV	P P	THE ES CY		١	355	5	<u>}</u>	-	-	Avados sast	Ţ				ST. BA CY	790		PRICE CY			2007	0.10 CV	1.12.07				300		j		Ì					15	DCT		
	Type of Wateriol				5	Se.	soot sport	Pog.				7	<u> </u>	202	105 45	700 - 40			nearn Scattwork	reserra Enarthmentk	The Startfrestrik			Earthwark	mad glood	Eartreark	8		_	ng.		= -	3		ŀ	Society Story	gos Apa Ba	change and make Sold	No Grandary	Chen Ris Rep	Citor Earth	Cron Ryp Rap	COLUMN CONTRACTOR CONT	- Superior 1	7"	i I	П	section Eastment		-	Gradina Soil	No Grading only Note		
	Research for Ottoberge			No Greeny	Subang an	Grubbing and	Grubbing my	No Grading on Grabbing on	Output Services			to Grading	Grubbing of	Grubbling of	September 1	State Graden	Sherring	Opposit	Filling of stream	FIRST OF RUMON	Page of	No Gradin	Gribbing	Grading	Greding	Grading	Gradad	1		200 S	No Clark	50 P	Durgard di		8 2	Taylor C	Carlisto	20 S	5 2	8 00	3 20	8 60	900	1	TCMP Grad	G	18	88			Grap Grap			
ļ	est Teetporary ype Ingase Type R. (TCMP.	AP) Y4, TP8			+	1	35075	<u></u>		ICEP 1		<u> </u>	1	- 12		-		1CMD				-	1	-	AR Grad	 	<u> </u>	ARCON		_	-	AR Grad	TOMP			-	AR Grad		 	Des Grad		AR CHE	¥.	1	Ī	£ &	AR Greed		AR Grad			PCMP		
	CHWH INDEST TYPE (SEE, AR.	PCHP, G			910 88	910 103400	PORE	<u> </u>		910			£ 51	25 AR G	drid		184 184	123	G G	g		-	2	4 AR	7	-	*	-			23.5	21.2 EX	275	651-		8	38		2	e e		5 7	1			Ï	92 C		12			3	7,70	
	Hydrodogy o		-			_ <u>&</u> _				9							W	121	لدا			LIF	<u></u>	120	ļ.,			3		_	3	w	쁘			ᄞ	\ 		ш	u.	<u>.</u>	ш.		u u	<u> </u>	#	3	4	3			بــــ	<u>u</u>	
	Strength Type H				NA E			AC .	M	3			N/C			NO.	ALC:	ALC: N	Table 1		AGO -	MD	WCO	William		Mode	ANG DO	ž		_	WC DW	WC DW	Magay			- Company		WG 800	7800 00%	7500 DW	ACCION.	WC COO	Min man	WG 00616	WO CON	WG 0070	STOT DW	73300 DW	WC OREC		L	W00000	00000 DW	
	<u> </u>	f-mount a statisticor			DOSCOCO1988 911-			416,68510083600	116.868310183400 IZM	-118.69510083400			-41E.876967 E6000		-110.6/0843 0000	-115.87820155000	115.8758915900	415.87599155000 DW		יו ואסיים ויים ויים	-118,87742091000	-115.87742081000	-416.87700781900		11001001	415.87728712100	-115,67738472400	-116.87739472400			-115,82340843400	-115,55340043400	L	110.00000000000000000000000000000000000		L	L	416,80492489000 DW	-115 90136237600	0 -115.90128207500	Ш	115.9018395.EXX		15,80286231500		115,69711849700	30, -115,897116457001	i i	115.80001273300				200 -115.81803105000 DAV	
	├ ─	Letter (NADS)			0767FFFFFFFFFFFFFF		32,78201444340	32,78201444340	22,78201444240	32.78231444340		-	DATK URSCHOT 150	-	32.738628340	32.788298823343	32 78625620340	DASTROQUES CO.	***	32,78778871850	32,78743659430	32,70743055430	DI CENTRADOC DO		32.7667.4165500	32,7607,4199500	22 72553434170	32,78836434170			32.78302145780	S SHOTT CARTER	2000	32.76902148790			92,788997,78	32,738587,7800	32 710004389430	32,7000483843	32,780425230210	32 753425538310	32,7814317500	32,78143175080	091765/uri ex	32,78023362600	22.7NZ2395.55	22 781035687BG	32.791008987BD			32.78180/22410	22.79181500000	
	Ì	Watersheed (NIIC 52) Led				-			37.		CO MINI	_		***	Ā	Á	è		1	Cay	Cus	-		CGA	ŧ	CFV	À				-		Picator City	Pleator City			Mickes Coyoth West	Michiga Coyntia Wash	Worlda Coycta Wesh	A Creeds Work	Misidle Coyste Weet	to Corrote West	Makela Coyetta Warth	Middle Copate West	1	Planter City	J. C. P. Inc.	Fraction Cayoffe Weeth	Madia Coyata Westi			Anddle Coyota Vérait	Votes Coyote Week	
						Personal City	Page City	Yearter City	Plantar City	_	- 6500			Page Cry	Pleaster City	plaster Chy	Photos Offe		Phondae City	Pleator City	Planter City	Disactor City	-	Picatha City	Pipettor City	Pleater City	Phasher City	i			Physical City				9 S	_	Med	36.00m	Model		200	19.F	Ž	12		a d		22	NAU.			톨	3	
		Weden that (HUG 8)				Saftan Ges	Balton Stee	Batton Sea	Saltan See		Seiton See			Salton Bea	Saltan Ges	Segon Sea		Section of the sectio	Seature Boar	Sector See	Selten See		Section 1988	Saltan Sea	Sudan See	Safter Ben	Sulton Gree		Setto Set			Service Control	Sakan Sea	Soften See	- 100		Saltan Sea	Selton See	S. California S.		Sector See	100	Sarton Sea	1	-	Safton See		Satton See	S. S. S.	Section 1		Saltan Saz	Sulton Sea	
		Tribday to Rostes! Dominings: Validady				Planter City	Parater Chy			7	Plantor City	┰		Planty City	Plaster City			Pleater City	Pheetor City	Plantar City	40		Physics City	Pleador CRy	Planties City	Plonter City		The state of the s	Pleaster City			Pleator City	Pleator City	Pisetor City			Readle Coycle Wash	Ulaba Counts Worth	The second	Wedne Loyer Trees	Media Coyota Weeth		Meddle Coynte West		Musiciae Coyena vyester	Middle Coyets Worth	MAKERIO CONDUCTOR	Middle Coycle Week	The second secon	Middle Cayo's Ward		Middle Coyche Westh		
		Structure D				83824	P389				2024			1024		Γ	T	150	P3S1	120		100	Poss	EPSKI	EPSS	i coo	(Creation of the control of the cont	12643	EP331			P3039-1	1-903				9024		9		P325	L L	23.5	100	P320	9ZE6	1227	1227		1757		9305.2	F325	
	<u> </u>	Lacetton la Cathornia (Counts)				Impariet			Ţ	Imperio	brigger (sa	22 I		Imperia			nipotini ni	уперета	epadus	- Ilmonita		Ambarial	Importal	Antometal	lmoonise	1	THE STATE OF	afredmi	Irrportal		-	briperia	lirayenini				Parami		'mperter	Striboria	Imperia	PED-OCEAN	Unperio	ESPECTE:	irrepectual	e poduli	hrapacia	etheory.	Stransfer	Imports		H		
		Waterbody GPS ID #				a-DW-1	o-met-s		d-Dav-1	-MG-6	9-DW-1			₽WG-03:		E CONTRACTOR OF THE PARTY OF TH	10-DW/4	10-DW4	10-DW-4	2000		10-07/46	10-DW-8	10-EW-7	2		10-07/19	10-DW-10	10-DW-10			10-DW-1	10-DW-1	1,000			******	La Contra	13-DW-1	11-DW2	11-CM-2	6-MU-11	11-DW3	120	1-0W4	440-61	11-DW-58	11-04/68	11-044-7	11-DW-7			12.0W2	

																						·	ı-	~		9 8		7		-	<u> </u>	- W	I	Τ,	짇				Ţ	77		T 1				Τ	T	R	333	- FI	දු වෙනය	•
	Temporary impacts: Linear (feet)	1	#	t.	É			T	P		12		T	2			35						 -	0 £	2	Ц		3	18	i,	 	-			1	- 1				<u> </u>	ş	L		H		8	N	+	-	-		
CATOMETER PROPERTY (CHANGE)		R	_			-	2	R		 		R	6					-					-	" 						ļ	 	e di	0:004	\ -	0000	131			 	-	 	1	0.418	T		+	+	ZOOD	10,023	2200		
th figh yardin	Temporary P (parels: Area (acres)	-	- LEGO	9.5		Baller I	 †		0.000			0.003		0.000			1000	Ц										8	1 8	 		1	1	0.000		- E			0,00	0000		0.007				200	0.00			_		
Bresed On O	Permanent Te branch: Area Imp (ecres)	0.002		 -	+	1	0.228	2000	-	 	 	- 	1000		1000	0000		000	0000		2000	800	0000	80	DOJE			9000			Bo		-	ā		°					1	1	_			1	_	ļ	_	<u> </u>		
	Outerfly of Personal lever			<u> </u>	40	Se score		7, 4,		124 CX	80 42 CV	30	5 5	2	\ <u>\</u>	SO CV		24 CY	23 C.1		12 CY	101	167	<u> </u>	472.6F	500		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		A BB CV	7.08.0V	18,23 CY	3.45 CY	1004	70.00		3680	n) E	Ç.	Š	See abdra	Witche educ				3.23 CY	0.38 CV	70 82		200	48.28.09	
-	O School Button of U			3	4	8	<u> </u>			.\$\		-"	Rtp Ree			Earthwork		Soi	ritmetoric	account.	Epretwork	Eactroock	Sattwork		Lans II Boom	Earthweat			3	Sof	75	J-23	75	3		73	100	86 B	Eerbaork		963 abort	Sarthwark				200					Ros.	
-	Restor for Type of Discharge	ding.	South Both	no cety None	Grading Sok	29	Auso	Date of the second	Sol (Sol	88	Son Son		П	Ţ	Ŧ	Dip Section Est	1	Т	7 1	. [gree of effects for	Tang of streets Ex			Section C	Cry Section		la Grading/	Subbing only	Thropping only	Snothing only	Gyubbáng/ Graeáng	Gridding!	No General	Greekhal	Grading An Confined	Brushing only		Buguispoors	9	Flamoraring	pilingianding	Graphone	Graefore		Grutterry	No Green	Grabong to	Grading	Grading	Grading	
}-	Ser. 75	8	1 8	Carobbi	5 6	Greek	2	5 2	800 E	Sug	Paris S	8	2	DO DO	See A	ď	8		38	ĝ.	Ë	_ 12		-	C 5	0.8		1	9			data	\		T	CMP	B							TCAP					TCAIP	ths:	JC NP	
ļ	Tersporary Intersporary (ICNP, Construct 74, 7793)	 -	4	AR	£	9	1	+	<u> </u>	TCMP	100			-	TCAP	1		TCMP	+			-	-	-		H		_	+	79	. g	Г		T	Đ	-	_			130	x100 GP 95-73	FCMP & AR	3				5	CMP 35x75				
ļ	Permanent Impact Type (Sitt, AR, PCMP, Gract, Bub, TSAP)		B		_	_	e Pictor	00 00 00 00 00 00 00 00 00 00 00 00 00	8	_		 	¥	AR Gred	_	2 2	A A Great		a¥ s	AR Grad	#	4	-	뜅	AR Grad	AR Grad			<u>ş</u>	5	PCIAP 100010	-	+	BC\$6	ğ		TEAP				27.6	١	E	27.5			3	- - -				
ļ	OHWTH (73)	-	Ę,	2025	<u> </u>		ZIA.	22.22	2022	-	-	<u> </u>	-		<u> </u>				, ,	Į.		-	+	+	-	<u>* -</u>			ŧo.		-	-	-	64	-	-						T	1					*	u	ا	ļ 	
ļ	Hydrology/ Type (P, L, E)			"	ļ.,	-	w	<u>.</u>	, M	Ļ		*-	u L	<u></u>	_u			علب			<u> </u>	-	4		щ	21 21			ęμ	-	1	-	LH .	<u>u</u>	ы	LIJ.	<u> </u>		_		ш	<u>u</u>	바	th.			4	-		_ <u>*</u>		
	Straum Type (DW, SHR, SRV, or W)		A0			Ma .	, MO	wala	360		A60	MD M	WD CO.	MO GW	100	W.	MOUS		WED DO	No.			WO 006	WCCOO	AVC DOES	WO DW		_	MI DOTO			WIDO	WC DON	500 DM	WC COCKS	Softwar 1980		zał zzej bw		124000 IBW	124000 EW	124000 DW	H 24000 17W	S. BEZOST ZADOD DW			416.9820S978S00 DW	VICEOSISSISSISSISSISSISSISSISSISSISSISSISSIS	WO 00081846189991	WC DOSOS	1	-115.6642/csexxxx1/uvv
	engitude (NADSS)		OCCUPATION AND AND AND AND AND AND AND AND AND AN		4 te Bransloam	-4 16.9 1903 t00000	11581803100000	-41E.9171560S700	WIT OUTSCHOOL STATE	A CENTRAL PROCESSION	115.9423816900	-11583426774000	-1 (E.834) 75443	115.8337.2334200		-116,32693417200	0.0011900001919		-11582683436010		168244	-115 B2499024800	-115.0242020200	115.92354134BOD		116.87817435900			001081000000000000000000000000000000000		-116.96231180100	-115.94231880100	-115.94231190100	715.84Z7EZ824DD	-115.942 50 859000	L		115.6/73/23/700		-115,55230		115,65239124000	118.95239124000	÷				Ĺ		<u>L</u>		}
	Leithuis (KADE1)		1	1	1	32,72141600000	32,7818180000	0.30.50.2102.00		32,78123560430	22 735133962790	92 73008T21480	22.790368228180	32,7905-KR8340		32.75065969910 32.7006090990		TE CENTRALIZATION	32.78125047380	35.7	32 79330046910	22,70033051410	32 78033051410	784 4TC/2015G		32 TESETIBEZAD	32.78962962740			32 78844 (San 3)	32.785547.89130	32.78904789130	32,78694789130	32,7637(3828)0	F52/X180917 1-2	44	32,78961225430	32.7837530610		32.78731470740	MINISTER CO	\$2,787314,70740	22.78731670740	ATHERN CE			32.78436183010	20 17855323830	SCHOOL VO	27.00.00/26	32.7884522853	22.78545725570
				*	*	.61		-	' 	" 	-		_	H	-	+	Н	-	4	-		-		-	<u> </u> 		-			+	-	-	-			+	- -	7		-	\vdash	1	- 1	Τ		7	4				198	Week
	Watesufeed (HUC 12)			Victie Coyota Westh	Vidde Coycle Worth	Worth Coycle Worth	Marke Counts Work		Liddle Coycle Wash	Middle Coyota Weeth	Middle Coyote West	Golds Coycle Work	And County March	Media Coyete Weath	della Coyota Masa	Aldde Coyota Wash	Total Colonia	Widdle Cayote Worth	MASS Cayota With	cidle Cayede Wells	Siddle Coycle Worth	Video Coyota Weah	Kodile Corote Worth		Hidde Coyour Mean	Holes Coyote West	Middle Coyota Woods			Lichelia Coyetta Wash	Michie Coyote Wook	Medide Coyote Wissh	Vidda Ccycla Wash	uldelle Conste Witch		Middle Coyota West	Histore Coyate Wash	Ukide Coyote Wash		Hall-day Concils Witch		Widdle Coydde Weeth	41	-	Mace Cape were		Months Constra Wilseb	Milkella con	Uldes Coyets Ween	Middle Cayote West	Watsh Coyets Wath	Access Coyets West
			+		쿀	4	1 1		_																2	P 15	Saiton Beat									ang.	18				Page 1	200		1 Sm	Salton See			Galter Star	Salon Ser	Sulton Son	Sabon San	Salton See
	Věsterskad (HUC 5)		 	Saltan Seo	Saiton Soa	Ration Sea		Satton Sam	Satton Seet	Safern Sea	Californi Spin	3		Sattern Gars Saction See	Satts Sa	Salton Bee	Barton Bar	Section See	Sakan Sea	Sactori Sea	Suchan Sust	Saften Gea		DAMES OF THE PARTY	Saftern See	Saltan Se	S Copy			Bacter Sea	Sultan Sea	See har See	Orders flas		Section 1	Sperior See	Section Sea					Salton Sea						Ţ	T			1
	Tributery to Nearest Downstream Waterbody			Ukida Cayata Wesh	Widdle Coycle Wath	A - C - see Mines	Michigan Corpora vivami	Middle Coyote Wath	Middle Coycle Week	Middle Cayota Wash	State Courts Week		Uside Cayons Water	Middle Coyote Which	Gos Coycts Week	Little Coyote Westh	Middle Coyste Want	Marche Coyote Want	Website County Worth	Biddle Coyote Weeth	Blocks Covers Weeth	A Course Witness		Kodile Coydle Week	Middle Coyote Wizeh	Vidos Couch Wash	Middle Coycle Wash			Michille Coyota Wood	Middle Coyota Wash	Manh Carrette Manh	Middle Coyce	Sticks Copies were	Maria Coyota Wash	Middle Coyote Week	Middle Coyets West	Secondar Country Wildel			Madde Copote Week	Middle Coyote Wanh	Mercia Coyana vidan	Nicidle Coynts Weeh	Widdle Cayote West			Addis Coyots Week	Michile Coycle Wiseh	Michiga Coyoda Wash	Michigla Coyotta Wash	Middle Coyota Wash
	Numeral 1			PZZ3-1	Г	Τ	7227	15054			١.	T	P320-1	1-0254	1		P3Z1-1	Τ		P322-1	П	Т	1	100	1-2256		11			149	100		P318-1	P318-1	P318-1	P218-1	E216-1		1317		P3:6-2	5316-7	2346-2	P318-2	p316-2	553		EP913	P313	P 3843	23.2	192
	Fraget Lovation to						Ţ		P324	7024	Ţ	Ī		Ì	İ			Ţ	Γ	T	П	T	T	1			Streets				Γ	T	113 partie	прата	th parket	Setlacin	The second		Interior		trondu	Marke	(Inpoetic)	reperior	Unspecial			hespecial	ripectal	mpekiel	Transaction .	Antonies
	<u> </u>	_		- Paramina		and the second	Superia	directori	ec, sedual				kruperb		placery.		Surfacial Control	Π	1	Thorner A	11	1	Stanting	S Amparity	Serios Serios					۲				1			Ţ		14-DW-12 IIII				П							_		
	Wachtody	GP6 ID		2,000		13-04-7	C-PW-2	12-DW-2	12.DW-2		7	9 DWG	13-DW-13	13-DW-54	13 DW-15		13 CW-18	13-OW-18	1	19-DW-2	13.00/24	13-DW-2	130772	13-DW-25	13-DW-28	- CAMPAG	13-004-30				Table 1	- AS	13-DW-1	19-0/4-1	13-04/-3	4.0 FBW.4			14-DW		14-DW-7	16.0%	- NOT	14-04-7	14-04-7			14-DW-25	15-DVHS	16.0W+6	1 5	13.57Med

	1 2	1 5	1	¥1	8			Τ	7			***	\neg	8	<u> </u>			55		_			8	<u> </u>	8	2	-	\$3	8	7	8	1		ŠĮ.			Ġ.	1		R			5		Pane 6	2
Teroporary kmpacta: transa (feat)			_	<u> </u>	22			21	P	- 3	B	_	61		_			_	22	6	88		_	-		L	-		-	-	+	-	-	+	*	8	1	ĸ	8		7	1 7				
Permanent Impacta: (Lenave (free!)									_		_ 	8		- 2	1			7700						0.018	-	286	0.000		0000	0.047	2000	2000	800	grote	+	+	0.007			2000	-	 	+	000	0000	
Temporitry Layards: Area (acres)		8200	0.018	0.023	0.010					<u> </u>		0000		2000		The state of the s		8		8					COSE	+	1	<u> </u>	-	-	+	$\frac{1}{1}$	1	1	di Basa	0000		100·0	ĕ		+	8	1000	$\frac{1}{1}$	-	
Permanent Impactor Area (serves)	800	1	1		_			0.010	2000	90:0	9000		200		<u> </u>			_	grose Grose	0.00	8			-		-	_	$\frac{1}{1}$	+	-	1	1	_	_			_	_	-		+	+	1	1	_	
Country of Discharged In	512 CY	265 CY	3ZCY	3	3	500		7.78 C7	<u>.</u>	200	5 2 2	5	0000	≥ 2.2	\$4.77.CV	1.85 CY			28 07 0	30 CY 2004 above	}			14 BI CT	14.28 CY	Z#39 C4	2000	Ç	ζ. 98	110 07	1380	130	Ş	ည် အ	817.04	and about	200			Accept Base	2,81 CY	0.32 CX	1.59 CY	±34 CY	20.00	
Type of Material D	_ ve	8	Ť	<u> </u>		2				TAUX									Soli Fin Res	artheeark News		Earthwork		ed	Soil	go,	Sed	38	See	Socie Socie	Soš	Sod	33	3	3			98 20	- N	Bee show	Pos	8	75.5	So.	_	1
	and Conty Soi	39	98 70	1	+	P55		No Gradina	20 OE	Crading Har	Brusching only Sod	ang octhy Boll	100	tro only Sol	- Co.	No Grading Gradding costy Eod		Grabstine		Op Section	Ţ	Filting of streett E		ubbing/ ading	Grading orty	ubbingi	Geathdray One-fine	ndblingi	nebbing/ redeng	autokroj sadino	No Crectory/ Grubbing only	Bruketing/ Grading	Grubbings	Griddeng/	No Gradino	No Grading	Carpanas on a	Specific No Grading/	Grabbing only	Grabbing orth	Grading	No Grading	No Crading	Grubbing/ Grading	No Grading	Subbago
	No Gradenal Centrière anily	Grabber	ļ	ļ	Griddy	Grading		No Gra	Brown	g al	Brief.	Shubs	- [8				Gent	TCMP	S	8	2	H	P. G.		S S						"			III.			TCMP			TCUP		_	910		뙁
Type impact Type AS, Gred. Construct. Gred. Construct.	-	T.	0.75		5 <u>6</u>	941		-		8 .	8 .	8	TCUP	FCMP FCM-00	TCUP	TCMP			\Box	£ 44		YV.	T		PCMP	Γ									POMP	100400	PCMP 356078	91,00	1004100	PCUP 35:75		<u> </u>	٩		-	
CHAYM IMPACT TYPE (Str. AS; WINST (P) PCMP, Cond. Seb. 18A9)	 	<u> </u>	-	+	+	_			1		100H00	20]	<u> </u>	8					44 A4	74	1			Γ			ļ.,		N .			-	24			.,,	-	_2	- 2		+	+		-	_5
Hydrology CIR Type (P.1.) Well	+	×		-	2				-88	8		901 - 901				1	3		, Lu	3	ш	ш				<u> </u>	<u>"</u>	 	<u> </u>	<u>u</u>	13	w	ш	<u> </u>	LIS _	w .	ш	w	ш	ш		<u>.</u>	<u>u</u>	<u> </u>		ħ
Stroam Type Hy (DW, SMR, Ty SRV, or W)	- -	ш	+	#	ų.	<u> </u>			-4	- "			2	74			M.			1	AMO.	MG.			MG.	A50	W.C			Ow	, wo	No.s	DW.	MO	MG	Ma D	NO CAN	WOO				8		AC 100	WD 001	
		-115.98-072183-000 DW	-11ERBEATZ18SADD DW	115.08480781400 DW	415.BE256096500 DW	Accordance DAV			115.07356724600,DW	115.B7356224400 DW	416.07393995100:DW	WC COOCEAGE TO STA	AND CONTRACTOR AND			-115.9748316630010	1188774205000			115,886/28(59CX) DVA	4 (5. 98942083900)	1002/101/19/2001			-115.057.018337.00	-115,99218599000	-115.93218538000	115.8837.8053300	-115.90369180900	115.90078257100	.115.00.03020ETU	115,89472782400	-115.98475782400 DW	115 SSECTED 843CD	116.96522101500	116.99659167800	-115 ESSB1670CO	.11£.80003157900	301536177400 344		110 19800 (011	115.89857885500	115.50012204300	-115 80631 353100	-116 BS631355100 DW	
Longinds (kADA)]		-115.984				L			L.,		<u></u>	_		<u> </u>			8	<u></u>	.	Ш	1	1	8						1			restb44160	1	72834630				<u> </u>	L					_	_	L
Letherde (HAD#3)		32,78508976220	22 73505878220	32.78511834200	** THESCORES 10		- (Ololo)		20 78342517420	EAT/SCAPATICO	DS TOTAL ENGINEER		T88008000	32.7844/3633450	32.78333802370	32,762259881460	32,7823093270			32 78145440900 32 77853782000	CHOCHE PART CO	The second second			32 77634407810	32,77809821050	32.77363821(080	32,7783913803	92,77876674950	32.77803377.50	32.7745083818	32,7769510	32.778670	37.77.0348	32,77,892	32.7784428ITSG	\$1280Ab\$TT.00	E/E8/1/89/7		32.778538164	32,77302061640	32.77862091640	37,778164296330	32,77680837310	32,77880837318	_
<u> </u>		West	Wesh	Wash	1	┰	- W		1		S Magac	A AMERICA	ts Westh	the Western	rio Wizarh	North	2000			oto West		7	Widdle Coyote Woel		5	Middle Coyota Wesh	Middle Coyota Winch	Middle Coyste Wath	hea	Madde Coyota Weath	land	/ear/	viech)	Vasth	Vacts	hash		Name of the last o	North Control	West	Wash	Work	Joseph Wash	Wash	Among West	47,000
Watershed (RUC 12)		Widels Coyots Winsh	Mickie Coyote Wesh	Middle Coycle Wash		Histole Cayons vraen	Michelle Concess World				Micha Coyon wash	Kiddle Coyole Weeth	Mode Coyets West	Middle Coyots West	Middle Coyote Weath	Atidda Coyeta Weeth	Litzidile Cay			Leides Corpts West		Macs Coyes was	2		Joseph Wesh	Wide Co	MIGGIA CO	Middle Co	Jejobra Wash	Made C	Jejoba Wash	Jojohn Wenh	Jojska Wech	Locates West	Loide Wad	destroy disarb		Jointe Water	Joseph Worth	Lejoba Wash	Joicha Wash	Jajohn Want	adator	Jojoba Wash	adoiot.	-
Watershed (HISC II)		3	3	3		J. Soc	Salton Sea			§	Sea Sea	F-6	Sea	Sadan See	Satton Stat	Setton Bas	Safarn See			Saltar Sea	1000	Statten East	Satton Best		Sulton Sos	Safton Sea	Seiton Bea	Saltan Sem	Setton Sea	Soften Sea	Salton Reta	Salten Son	Bolton See	Shan San	Control Control		59700 S49	Sastori čiec	Section See	Sahan Sea	Selton See	Barbon Seta	Setton See	Salton Sea		Saltor Sea
		Safen Sea	Satton Sea	1		Selfor Sea				Ţ		Szafton Sea	Saston Sea	_	Ţ		Page 4			ı	1	ļ ļ		i iii	A				.8	3	, s		100	-			9	-		1	- 17					
Tributary to Nearest Downstream Weterbody		Alvica Covota Weeth	University Works	1	Listelle Coyote Wood	Widdis Coyota Warth	stickes Coyets Warth			Middle Coyote Wash	gloden Coyota Westi	Mid-Sty Coyota Wash	Reckla Coyetta Want	Maddle Coyotte Worth	Licks Cayota Weeh	Michille Corpota Weath	Idda Coroba Wise			Victoria Conycom Woods	Licele Coyota Wa	LYSES COYCLE Worth	Mode Course Week		Johoba Wash	ucteta Contae West	Hiddle Coyets Week	Jojoby Wzesh	Locidas Wash	Spinite Worth	Links Wheels	1	10000		Sejoba Wasth	Jajohn Wests	Jojetos Wesstr	Jojeba Wgah	Acloba Wash	Jojeba Wash	Jujche Wood	dotota Wordh	Andrew Viteral	1	To the second	Jojoba Wash
Hearpard T			Γ	1	5164	P313	ļ			P311-1	1-1152	P311-4 M	P311-1								438	808	60£d	\prod_{\square}		Ţ	120	1,700.0			L-Varia	<u> </u>	13087	2000	F306-1	P308-1	Page-1	300	1-306-1	1-8064	1308-1	7	1		2	930
Project Location in B					TOTAL PARTY	mperles 7				Imported P	Payette D	Person				Γ	ļ	0.00			Tribunia	Impedal	200	数据		Intraction	as boules		independent in the second	mperie	Imperia	Tribatha	Smparise	Imparta	Inspariel	Impacted	Imperia	Imperie	mperior	Smperial	les section (3	e de company	and the same of th	Shooting	THE SECTION AND ADDRESS OF THE PERSON AND AD
yksteitody Is			-	16-thW-8	S-DW-8	16-0W-12 3mp	İ	333		15-0W-1 lbm	15-DW-1	15-CW2 Ura		Ť.	<u> </u>	Τ	~ -	16-DW-38	-03		Ш	16-0W-11	18-DAV-51 Reported			T			T	Т	Ţ	15 CW-15	18-DW-18	88-DW-18	18-DW-17	18-DW-18	16-DW-18	18-DW-13	19-DW-19	10-054-21	200	19-700-43	8-CW-21	18-074-22	18-014-23	16-13W-Z3

cts: Case		<u> </u>	Γ	T				T**				\		ž			 		-	3					Ē				8	T		T		8						χį	*	1 to	 		
nt Teemporery t: trapecter nest) Linear (Sech		 - 8	-	RI I	7		-	P	-		_	6	8	_	6	29	ş	-	+	+	8	9	9	8	+	R	+	8	Ī	17	7	-	8				2.40	ŝ	28		*				
Permanent inpacte: Linear (feet)			<u> </u>	-				-			L	+	4	0.119		_	-	+	$\frac{1}{1}$	0.015	1	+	+	+	8000	+	+		8	+	+	1	+	a.oon			+	1	1	1		880	2		COL
Street of Create 1998 Street Temporary Permanent Former free of Create Control of Cont			22					1000	8			QUES	0.000					0000	900	+	g003	0,000	0.050	0000	+	1000	800	100.0	+	1000	0000	0000	0,001				0.137	0210	800	OPPRES	+	1	-	1000	
Perruanent Impacts: Ana	(1000)	8	200	1000	0.011			ă	0,000			P	•	 	 -		1		1	-	_	-	-		-			-	-)	č	2	-		<u> </u>	- - ĕ	+	
Goundity of Discussinged		G C C	115.00 CY	77.08 CV	44.37 CY			, 55	ď			2.28 CY	, SO	1	23/2/25	ž	104	522 CY	12 Cá	18.13 CV	107	104	YO 286.7	0.24 CY	184CY	è	107	122 CY	23407	70,	ţ	000 CK	A GES CY	75 G			143.44 CY	177.83 CY	Bee above	1	377.76 CY	12.20 CY	30.48 CY	3	18 CY
of workship								Contracat		To the state of th			} ;	X SAME		arthreoft.	Sarthwork	18	Sattwark	73	Earthwestk	Sastraork	<u></u>	3	704	Farthwark	Earthwork	3		_~	Southwest	3					70	35	640 (\$004)	4	200	700	79	38	7
Reacon for 1ype		Gadydro only Sod	3	oresis of the second	-					Figure of stream fire		Controling Scale		Grabbing (Grabbing)	gua Gua	Sharp of ethern Ea		No Grading Gradition only		No Gradinal Galdong entr B		Suc of extern	Gradini only	Ne Gradeno			To act to act	in Grading!	No Grading	Calmon of schward	7	No Grading	Zo Condra	No Ocedina			No Gredina Gredding orfy	No Gooding	No Grading		Grading	Ondstrog enty	Grading	Great and	No Campana
temporary impact Type Ress (TCMP, Dag		5 25	9 P	20	2					<u> </u>		5		8 8	TCMP	2	E	26	毘	- A			Že	12.0					drice	Ì					TOMP						TGMP	_	10%		SACE.
Permanent temp impact Type impac (81r, AR, (TC	Saley Ya.				8				+	AR Grad			PCMP 32mg	PCMP Grad	2	1	Gast	PCMP	ocup 24/75	1			PCMP	Bu	2		3	PCLIP PCLIP	mun		es	AR Grad PCILP	000100	PCINP 38x75			RA.	PCMP	200	FCMP 33276		5		PCMP 100m100	
MWHO MWHO	E E	9	TGAP	PCNP	<u></u>	481	Н		3	, ARC		Γ	"		_	笞	千	200	1		1	1	T	T		<u> </u>	<u> </u>	2	2	2		-							<u> </u>	8 8	Š	8	83	,,	L
		<u>-</u>	<u>L</u> ,	+	+	1		_	+	4		-	B	82	- 8	- 8	<u>*</u>	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u> </u>	-	" -	7													Е				ا	B) E)	4	<u></u>	- 13		
Pe Hydrology			-	ш	4	3		-	<u>14</u>	ш				E)				-	-	133		11	111	m_	-	14		4	<u>145</u>		-							Ī							
	S) (COW, BNK,	797		AAC DOOR	WO DOW	š			MO 000	reson DW		-	73500 DW	Tagge DW	Victo COV		, and		A5000 000	345600 CM	118 011123 E300 CW	WC 006159	WC COCCUS	eszeco Dw	-118.00379857500 DW	WED DOORSES	WC COSCIE	WG DOSSISS		2315500 DW	CSCZZOLIW	WIG DOCCARD	VIO 00227608	418.018.025.42200 DW	WC OCCASO			-116 02484188300 DW	118.02484188000 DW	A 18 CO 464 (SSECO DW	WC COCCUSION	448 m/61158000 DW		No.	- 118 CZZSRSCOVIED
	Longfade (HAD43)		-115 Beending	118.00/B3669400	-118.00183888400	-118.00150455400			116.00602778900	118.00852778900			-118.01132873500	-118.01132873500	DOSE/25281/0.811-	0099782411000		4160112363EA	-418 D1112245600	.118,01112345600	-11001112	-118,003/7965/500	118.00878827520	i	-	-416.00079657800	119801877315500	.1180167235550	-116,01672315900	-116.01872315500	-1180168096220	0 -118.01680342200	418,01650842200	-	-11601680942200	333		-	Ì				1_	L	1
	Lefture (NADES) L		32,77802235500	32,7739446770	32,77786446720	32,77820813330			32.7781BKC3080	22 77818562980			32,77570233570	32.77570823873	07959999999	100000000000000000000000000000000000000	42,1/4,5154910	22,774006154870	32,77605/154870	32 77805154870	32,77605164970	32 76741413480	32,78741413480	32,70741413480	32,76741413480	32.78741413430	32,77475745140	32,77475745140	92,77475745140	32 77475745540	32.77495878480	22.77.485876420	22 T7 4358T6480	32.77425876465	22 77485678480			22 77007875540	32,77007875540	\$2,77007875540	32.7701/2573	3277007875540	32,769063969.40	32.780088861 40	32.78587700000
	Watersheet (HUC (2) Ls		\$	y y	1			-	Vest	1	20101		Nest	tref.			Week	Wash	West	V-resh	lojoba Wodh	Jojobe Wash	Jajobse Wasth	lojoba Weah	tejotra Winath	lo/obs Weath	Joicha Wash	Jajoba Wardh	Joycha Wards	Joseph Wiesch	Jojetsa Wassin	Joycha Wanh	Joseph Wash	Jojdas Wash	the Wheels			Jojobs Wiseh	Anjobs West	Jogoba Wash	As Wash	Josepha Weeth	Jejoba Werek	Jojeka Wash	Jojoba Wash
		1	Toloba West	Jojeka West	hecky edujat	$\overline{}$			Holoba West	1			Jojobs Wests		and the second	Joseph Wash	Jojepa Wineh	March Water	Jojeba Wash	Jejoba Włast	agglor	qojap	EQ.	Acjob.	- Keyde	- 58 - 57	dajet	10 H	apotor:	dotat	\$ <u>\$</u>	1	英	द्व	Γ'''	T868T		롹	<u> </u>	_ <u>*</u>	Ž 	4	单.	3	ĝ
	Watershed (NUC 8)		Selturi Sea	Sulturi See	Salton Ses		Satura See		Collect Res				13 64 6		Selton Sea	Salon Sea	Seiton See	Selton Sea	Sakton See	Salzm See	Salton Sea	Saltan Saa	Sustan Sem	Spiron Sm	Salton See	Saltom Bea	Saltun See	Sastern Saste	Suborr Sea	Saltar See	Satton Bea	Satton Ben	Safter See	Sattorn Sau	College Person			Saltori Sea	Satton Sea	Savier 8ms	Spiron Sea	Salton Sea	Seiton Sea	Setton See	Sglan Sea
	Tributory is Neprest Downsteam Waterbody		Jejoha Wash			Ī	Jojobs West				Jajoba Wasii	- 100			Jejoba Wash	Jojoba Weah	Jejobs Worth	Joseph Worth	Colorbe Windth								Tacol West			triche Direct	4-2-4-14-14-14-14-14-14-14-14-14-14-14-14-1	Action Wilder	4000	traces are a	inas a genter	Jeoba Wash		Colorbo Weeds	Т	7	Jejona Wash	Solcton Weath	Joycha Wash	Jejoba Wizeh	Asintos Witash
	Neartert Btrocture Neartber	_	3-908-1	Γ		T	P305.3			┪~	2304.2	П		_	Psttb-2	P3832	P303-2	P303-2	P303-2	2-63-2		2000	2000	2000	2 200	70.00	P303-2		1		-	200		200		-202-4	T-168	-Co-co-c			BE	1000	5520	08843	
	Project Location in California		- Land			mbata.	Imperia	\$ B		mpacial	trapertel			Imported	traperta	Imperial	Arapadal	mostal	7	7		er negative	Тирент	Мерен	as de la constant	(III)	Imparia	TEORISE	pg. 17	E LACTALIE	monda	Imperial	insperie	imperial	Imperia	Imperial				THE PERSON NAMED IN	Importal	Impedia	Serpertos	lmperlar	
	Waterbody GPS(D#		S CANAGES	Γ	Ţ		(7-DW-7		Ī	17.DW-4	17-DW-4			17-DW-2	17-DW-2	17-DW-2	17-DW-8	17-DW-6		G-MAT-11	DAMP-1	17-DW-8	17-DW-8	17-DW-0	8-MD-21	17-DW-9	17-DW8	57-DW-10	17-0W-10	S-DW-40	17-DW-10	17-DW-11	17-DW-11	17-DVM-11	17-DW41	17-DW-11			18-DW4	18-CM-1	18-DW-1	15-DW-1	19-04/-0	18-DW-8	

i i	(Jack)	_	141			125		1473	55	89		8	8	918	¥.	P				T	1	238					N.	ΞĮ.			*		8	52	982			132					9			,		-	48	77	3-8	9000	
et Temporary		žĭ.				_	 -	+	_	_	 -	<u> </u>	+		_,	-		-48	_	B	8				33	1	+	1	ŧ	=		1									18	R											
	Library (foot)		ļ_				GUCS	8000	0:030	<u> </u>	5	0.050	0.018	1100	***	-			L	$\frac{1}{1}$	_	-	0.123			-	0.000	0,083		<u> </u>	1	5003	1220	2000	0.007			0.003						AC024		Ī	T	1	1000	0.00			
Temporary	(sortes)							٥		<u> </u>		7				1	0,009	Н		9200	- 500				1900	1000	-	<u>. </u>		3	8	-	-			-8241		-	3100		2200	-	T T T		П		0000	80	-	_			
Personnt	Isspects: Avea (acres)	1000		(O O										<u>_</u> .	_	1				d	-	<u>'</u>	***					_	-	-	-	-			-			_	關			-	-	-			$\frac{1}{1}$	-					
	Material In			880			304.07	1278 CY		2300	285 CY	184 CY	142 CY		208	λū	900			in the CY		7,18 CY	98 60 CY	olot.		age attova	38.35 CY	3	91.14.07	500 CV	AS CA	208 CY	}38	3	5	1957			13/1			280	11.81 CY	27.07 CY	-		104	200	, , , , , , , , , , , , , , , , , , ,	1			
	of Metochi		8	8						T					-	Sol	78				8	38	Ecia			Earthwale Earthwale	9	82	28	Sed	PS	1928		-	Euritment.	n Eartheork			PS	2000	89 —	705	38	_			esen Easthwark		+	+	3		
	Reacon for Type Discharge		Contractor and Sea	For Sol			See See	Geuthing	Τ	Grassing Bod	2 E	Grandens			Grading Sol							Great ting certy	_			Physical and a second	Grebbing	Grading Grubbing	Cracing	Grubbling only	No Grading/ Grubbing only	Chicher		FEETS OF CHOSE	Filling of stress	म्हान्त्र ज ब्यक्ता		Greatery	Yd Gending		The Gradinal	Carabbing only	Grutteling or	Children			Pitting of etc	No Grading	No Gradero	Ye Grading on	Chalbling with		
<u> </u>	Impact 1999 Rec (TCMP, TA Construct, TA Yd, TPB)	No	46				Mag Ye Gard	8	Community Yd Gra	Construct. Yd Gra		3	Contract 16	Commence, Yell Gr	Constitut Yol G	Construct Yd Bu	2 6	Common to		_			and.				1	TCUP	TCMP		_	1		TP45	TPS	_			Construct					girl.	Car			-	-	Construct Yo	TCM		
massant 1465	Impact Type Trips (814, AK, (7) PCMP, Grad, Con Suth, TEAP) Yd		PCMP 100x100	TCMP				+	3	8	<u>.</u>		8	3	0	<u> </u>		9			3	PCMP 100400				PCMP 25-75	PCMP Gree			. A	1	51								-			PCMP 400400	_F	,	Н			AR Gred	1		₩.	
à l	Man (m) when (m)			Ī		_	_	+	-	_	-		+	-				Î.			tene poly		П	200		01.	T	0,	ĥ		<u> </u>	-	-	,	<u>.</u>	-			-			ápiz ems			Very own		_	+	1	+		ļ	
	Hystodogy O Type (P, L E)		ą	۲				7	7								tu!	E			tu)	<u> </u>		E		3		<u> </u>	,,,		_	<u> </u>	122	地	121				110				 -	1	Ę		L	10		ш		T	
-	Streem Type Hy (DM, SMR, Ty BKV, or W)	_	_ 13	 	3			ц.	144			_					Ţ	- 1						DW		3	ž	A40	ą.		200	*	MO	Wd	, Ma	î î			ANG.			273		BNS	DISNR			MOD	MOO	NE CENT	% <u>0</u>		-
-			Amazon		MO DESERVE		_	1647100 DAY	WAD COCKE			WO COCCO	118.0430834480C DW	WO COSTO			WC 00001806400 011.	32745830 DW			WC DCC+Sess+tex-ex-		-11atr3168158400 DW	-118.031@8158400 DI			8	0118 D4286382500				116044980470001	-116 DAMBED 47EDD				-116.04417878100H		7531 1340800				118.1/21 Kapticus	118 (73)0006700	-110.17310538700			-118.1D756878900	116.1075697800D	-116,10756075900	6.10759877890		
	(Cappinge (NAPA)			116.0001100000	-118.0291160300			-118.04151647100	2418 0420 201222 300	<u> </u>	-118.04083404300	.11E.0411E2ECDC		Ĺ	_		_	.+16.042327458200			L	1	_	1			50 -118.042942		L	L		\perp		<u>L</u>	L	4-	<u>- 8</u>		м	300		_				₩_					T. London		
	Lottesda (WALDES)			\$2.76177530CE	XX78177530XXX			S2 73871527580	CONTRACTOR OF THE CONTRACTOR	X Iornamon	32.75/38248370	32,75777365080	22.757.117.41850	TO TOWN TO	de l'angle	32,75771500150	32 7562117591	22 TB42487180				32.75(S453#2A.	22,75730387500	32,757909825			32,73844880150	SOCOTO SECTION	27.1304400011X	32,73,74,69,0000	32,73430342750	22,73436532750	32.7343963276	ZWYSSISS C		\$2747.21301.TU	32,73080081310			32.70201503030				32 (5300874833)	<u> </u>			\$2.83717482580	32 6371748550	22 83717483590	Ĺ.	22E/1/45s.m	
-			_	+	_	-				 	4		-			1				2000		+					n West		t Week	O William	N Wash	TH Waste	No Worth	1	Land And Land	on Wash	Palm Carryon Weath			crist Worth		Creek-Centro	on the Contract of	Craex-Change	Boardery Creek-Castizo			Usperer Corportes Wisesch	James Counts Wittel	American Manager		Upper Coyetta Warth	
	Watershed (HBC 12)			Ajoba Wash	rgoba Wooth			Annha Winth		Application Wilder	Aprile Witself	foew week	twicks Wiseh		Andread Vessely	Jojoba Wash	Jojeba Wood	100				Jojoba Wash	Kejotas Wassin	Months Wool			Pain Caryon Wesh		Paten Canyon West	Public Canyon Would	Palm Camon Wash	Palm Canyon Wash	Sucha Control Week		Pager Composit votes	Pakn Carryon Wash			_	Lower Coysta Work		Boundary Cre	See.	Creek	Barnote			Upper C	l lanear		nada.	Upper C	
	Material (FUC B)			Salon Sea	ang san				Basteri Sela	Satten Sos	Selton See	Selfer Seo		Spirot Sea	Salton See	Spitter See	Section Sea		Salton Bea			Sarten Soo	Satton Sma		Salon free		Saltra See	Satton See	Selfor Sea	Seften See	Sudan Sun	Solim Sou		Satura Geo	Spatter Sea	Sezon Ben	Saffort Seta	889		Satton See	833L.		Carston Creak	Castto Creek		Committee Union		Sold See		Section Date		Saturi Sea	164 28
	Tylisatery to Hearest Downstream Waterbody			Jojoba Worth Sal		ologo trans			Jujeba Weeth	Jojoba Wiseh				Jejoba Wash	Jejoba Wath				Josepha Wash	0.000		Joseph Weath			Injury Wash	H - 15	Pagin Carryon Wareh		Point Carryon Weath	Pyém Cunyen Weath	Assist Common Vitability	4	Part Caryon state	Pytro Carryon Weath	Palm Conyon West	Palm Campun Weach	Public Cerryon Wash						Cardon Ordek	3 - 2	CERTICO CIDEN	Carrino Creati			Barydor Credit	Bouyider Crask	Bouyder Creek	Bothstar Creek	
	Hearest T			987.d3	Ţ	E-208			EP281	SP/2017	T	Ī	18243	EPZ43	EP287 Jo		Τ	86.d5	EPOST			\$ 2000 E		Τ	1000	П	EPZZŽ-1	EP282-1	1-58243	1-182.d3		1.100	116843	EP281-1	EP282-1	EP222-1	1-730022			5			0760		Dazza L	P240		_	EP257	EP267	150.43	152.43	
	Project R Location in St					Impecial EP		1	THE PERSON	150 Moschal	-	T	PI SOLE	Strpoetist El		Γ	Τ.	nconta)	- Angertal			consults	Γ	Imporis	Imperto	2	recepted		Istpacted				Impectat	montal	Britania	kinocmi	_	a Localis			The last			See Line	San Diegst	Sun Diego		L	Irraparied	3mthet/st	learn-backet	pyarau	
	Waterbody Programme			Г	T	19-DW-5			1B-Di-V-t0 im		1	18-DW-42	19-044-53	19-CW-14 FI	_=	Τ	#	19-03/23					T	19-DW-3	18-DW-2			ZI-DW-IZ	26-PMV-E		**************************************	21-DW-8	21-05/45	21-074-5	5-cow-e	24.ERAL7		21-DW-8			FY-0-04-1			38-DW-7	30-DW-1	SECON-			346.1	3461	34.9.1	7	

																- 100	C 100			2 Table 1	868	182					28		- CO			T		T	12	77		2	Π			Ψ.	Π		надан	
8	Terrportery Impacts: Mrses (feet)	1			88			*			8				4	793		91				1078	-				380	1	-			R						-	 		-		 	-		
倒		<u></u>	T									1	8			3	1 1			317		'			9000				-	0.616)		 		M -	19000			0000	-			0.001	<u> </u>			
on Challesy High Water Bart	Tempotary impacts: Arm (serve)		9000		2000			9000			0.174				8	0.054	20 I		Hang.	0.017		ď										188									Н					
Ranskt G	Permanent Impacter Area (acres)	0,022												900	000	┞			1			_	000							CY	П	L	Т	關					 	 	H			<u></u>		
	Cloundly of Stocharged Natural	29.00 CY	48SDCY			1190	科 田田	77.05	1185) Marci	322		\$ 88 £					238.0	38.0°Y	10	351	12012.07	- 386	4.00 C.Y			1075		102.52			T	101		7 55 C		1	128				2 EA			
	Type of Astacles	25				Sol			7.		Soci			Ry Rec	A STATE OF THE STA	and and and and and and and and and and			- Es	3	127	188	28	M 1888	y Soft	820		3		ţog.		_		estean Eathwork		BAT CIAP	Rip Pass	1	24°CKP Headwal				Headway	11		
-		No Grading/ Guideling only		1861		Gradina		Greeking)	Grading		Gridden)			Op Section	De Secton	Carpino.	Condition		No Grading Guibhing only	Grabbing/ Grading		No Green	Yes Gradenie by	84 BB	No Grading only L Yd Brushing only	NSI .	Chicago chi	n. Yd Drusdeng carly		Grubbing)			FRANG Of extresive	E DVE	H	Creat	Cover	Cryan	Culver	Culver			Culveri	Culver		
	Temporary Impact Type (TOMP, Construct. Yd., TPS)					TCARP		L	TPS			1PS				-	TCMP			#USA			Construct.)	01	Complied			Committeet, Yall	H	TPR	嫐		-	R		IPS	1758 175	TP6	AR AS	₩.			RA RA	₩ ₩		
	Pernanent impact (yad (6x, AR, pcHP, Grad, 8uh, TSAP)	PCIEP									_		_	_3	EX.	AR Grad	16		PCMP						_				Н				¥	AR Grad	223	2			 	 			-	 		
	Hydrology CHWH Type (P, 1, Weath (F))	<u> </u>	-	12	-	-			, pi			12		2.		₽	92			<u></u>	E .					# ·		-	П				, w	E		ĪĒ							115			
	_,,,,,,,,,,,,	-	-	Э					<u> </u>			<u> </u>				14	SNR	П								-		SHR			SalA		ENS.	1		1	- Luci		SHR				BMB			
	Stream Type (DW, BPR, BRV, or W)	$\frac{1}{1}$	SKKO SNR	OCCO GNR			MBCD SKR	_	StepoSNR	鼮		31500 SINR	Н		EG2500 SNR	Sezson SNR	SECRETA SNR			RIECESCO SNR	B) 50900 SNR		THE SOULENE	200	200	09.681900 SNR	108			-	277771400 St		S D02202300 844						-116.24567552500				-118.2482018332CC			
	Longlaide (NADS4)		118 12360152400	-116.12390102400			1148.12213284900		41R 1135AD			-116,11010001500			-118.14510562500	-118.14510582500				_1.	-116.12738150800	Ц		917		-418.1620248100		Bi			-118.22	<u>I</u>					1070720 -116.2656			Ш			13148410 -118.			
	Eastead (NADED)	+	22 631 12282270	22 631 1289 2270		M -	20 638/27861ED		The second second			92,63141356650			32 63 (22875900	32 63123878800	32 63123875800			3263141043080	32.03141045080			32,62360723400		32,62258481370					32.64906712200			and the	32,034		32,0800107		DESTRUCTIONS CX	Ц			32.68			
	ļ		at-Carriero	e-Cardin		M. _		H			_#	wow.			Cruek	Boundary Create Cartition	reak-Carrito			Brandery Creek-Confed Creek	Standary Creek-Centro Greek		Creek-Centro	Croek		Boundary Crosk-Cardzo Crosk		Cristic Central	Creek		Boundary Creek-Certizo Creek		Crack-Carden	Creek Boundary Grank-Carton					Boundary Craste Combo				Bountary Creak-Cartto			
	Waterabed (HUS 12)		Boundary Cre Creek	Burndary Create Carrion Creak			Crosk		(S) (Epigenesis	Crosck			34.83 Pm		Z. A	Boundary C			-0333	Brundsty C Creek	Soundary Crook		Boandary	Crosk		Boundary Cneek		Bourday	Creek	_	Boundary Creek		Borrdar	Crost	Creek	Ц	Ç.		Bound	<u> </u>					H	
	Watershed (AUC 6)		Curitza Cistek				Cartto Creek			Cartin Creek		105 000			Carritto Craek		Centro Cases	Cartito Citati		Continu Chaek	Carrizo Creek			Captize Creek					Contra Creek		Cartos Creek	₩ø.		Curries Creek	Centro Crook		Centre Crosk			Carritre Creek		200	***	Carros Creek		
	Tributary to Hearest V		700				rbs Creek			Ceertra Creek			Regulater Crossic		Contro Creek		Currico Crask	Certizz Creek						Carrizo Crietk			THE PERSON NAMED IN COLUMN		Country Chesk		3360			Centra Creek	Cantza Creek Caston Creek		Carridos Craek			Carriers Creek				Centro Creek		
	Negroat T T		T							EP/254-3 Ce	3		P2K6-1 E0		D Ireas	П	D 11243	67247			7	8		2763			2724		Sant Dago 7242		\$			P228-1	1-6224	_	122201		$\frac{\prod}{\prod}$	1-00224	 			P219-1		
	Project Location in		Τ	Sec Dec	Sari Diago		and and			San Diego			Ban Dego				San Diego	San Ciego				6.6-3 San Ciego		San Dago			35-5-3 San Diago			***	_	42-5-1 Sun Directo		Bast Diego	Sen Diago		See Figure			Sen Diego	<u> </u>	- (8)		Sart Diego		
	Waterboody				25-62								35.8-B	1		-2-55 -2-55	38-8-1	38-8-1			75	36.6-3		38.52			36-6-3		38-6-4			42.5.1		£9-84	69.82			13-57	43-6-7	43-9-7	49.67	19-6-1		45.6-1	1988	

				a-1600		т"—;		8 8		15			ន្តិ		210		ğ		×		8						Γ					8		Ĭ	Peges	
Wel)	Temporery Impart (Rest)				İ	<u> </u>	4						220		210		181		[238	191	- S	Н	- 51	-			s		7		_		
151	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					<u> </u>							88		900		700		0000								 - 					-			0.00	
ordinary Migh V			C.003				1000				0000		0.005	i M			0000	Ц						1	88. I	1800	-	0.00		D.007		HOO			_	
3 120 001	Pecrisonest T Imparte: Area (co (acres)					000										9 🛭			_								\\ \\					_		-	-	
+		X0.0X		1300		AD CY	33 CY		37.07		AUB CY		EST CY		ಸಾಹ್ಯ		17.DC4			38004		30000	-888-	2 Ct	6		5 C	30,	Ц	1.28.07	- 88	Z200	531 CY		208 CY	
	of Westernam) X		Č		<u>- </u>	<u>-</u>		203													935		Eastwork	Earthwork		Rip Rep Earthwork	Estimont		Pos		Soll	78		705	
-	2 6	78		7748.00		Series Page	/Gritte				300		archy/Petralii cony				Page 1		M	Granding Sud		No Caroling Grading only Sc		San of stream	Films of extern 6		Dp Section Dp Gedlen			No Gradiny Grabbing orby		No Greeting Grubbing orby	Crather V Grading		Grading	
		Conding	1000	Cracing	No	Grading/Grabbi reg strik			Output No Grading	370	Grading	Ì	3		SS		No. C	Construct 19 cm	AUS	TCMP Gra	 	CMP Gru		1	ĬĬ.		BC		П				TCMP		TCMP	
	type impact type AR, (TORF), Grad, Construct SAP) Yd, TPS)	TPS		TPS		8	1080		Construct	2 68	TCUP				121			3		2		11		S	AR Grad		# E	AR Grad		PCMP 100A00		PCMP 100x100				
	CHIVIN INTERCT TYPE I SEE, AR, SEE, AR, SEE, AR, SEE, TSAP)				_	PCMP 100x100		H		Н								_		9	1311±13773							Τ.		L			╁┦		_	
	Hydrobogy Os Typa (P, L, Wild	2		-7							u.			E		E		Ц		ш	33 B	ш			E.		ы	<u> </u>				-				
	Streem Type # (DW, SHR, T BRV, or W)	-		ENR E		BHR			EWR					SNR		SNR		BNR		SNR		ENE C		O.SNR	O SNR		00 8NR			diso			SO SNR		an a	Na Carlona
	(cacha)	-116.2425193200 SHR		-118.25871211000 BN		16 2390623900 51	12 U.Sp. Jedon		000000000000000000000000000000000000000					-118-27250818900		118,25377895300		116,2500000000		-116,26001339400		06-022230-6-01		A18 27807278500	-146.27807278500		116.77847000000	00027011					116.28536547400			ATTE SERVICES
	Long/bod*				3-8				ea	HOW I				1515		11- 0214845281				1- 0530750		飊 .		L.	•		2.75005463130	<u></u>	32.7500400130	28	27,72314870540		882773	- 122 9		22.76127255390
	(148344) (14A593)	32 88813148410		32,6382350567			100000	2000 M				32.69762904940		32,89521310350		22.70(BZ)		27.03803047330					12 TAUR		3 8		22,7500							ł.		
	<u></u>	Carribo	Н	Centro	Н	Contro			F								Ħ		П		The Livery		Tulis Creek		ost Valley Cardiso Child		A Street Control Cital		Lost Vistor-Centra Crask		Lost Vator-Curito Creek		Lord Valley-Contico Creat	Lost Valley-Centro Crist		Last Voiesy Contros Crask
	Visionshed (NUC 12)	Standary Creek-Cartto Creek		Boundary Creek-Carriott (22,698; Creek		Bramdary Creek-Contro	Cenetic Boundary Creol	Creek		Tue Cresk		Tule Creek	1000	Tule Crack		Tuke Cheek		Ttda Creak		M —					1000 A			A SECOND	(Oat Vide)				- Park	Lost Vails		Loset Verla
	Wasarbad (HUIC 8)	entro Crossk		arito Gresk			Cerrito Creek	Cognition Control		Carrino Creak Tule Creak		Caribo Crack		Carries Creek Tole Gradi		Carteo Creek			<u> </u>		Cuertos Crestit		Carriero Cristik			Cartis Lines		Cartrizo Cortae	Centro Creek		Cartto Creek		Cantizo Creak	Curritos Craek Curritos Craek		Constru Creat
	TEORITON TO NAMED IN									Tube Creatif		Tude Chrok		Tule Cresk							Tule Creek		Tute Creek		Creek	Carriton Grank		Centres Creek	Comfere Greek		Carrico Crask		Corritor Grank	n Graek		Contino Greek
					203		Courtzo Greak	Cartzo Greak		Tube Creek						Tufe Creek					3		Tub Cs					71		a 📖	PHES-5 Comitto			P185-1 Cuntit		
	Nearest Structura Municipal				- (881		Ž.	NZ4	-	260		P208		7205-2		28					P108-3		90 P1983	. 1993	P187-2	San Diego P167-2		PH 97-2	San Diego P167-2			1 1	P185-1	East Diego P18	Ц	
	Project Locabbe in Castimisa		Sattoes		San Dage		San Diego	Seri Dege		San Diago		Ban Dep				See Plans	198		Con Dego		San Dago		San Owgo		Seri Creen	- 1881		Sen Clego	1 8	M 883	Szer Diego		Speri Okayo	. 13	る 日報	OSeri Diego
	Waterbody GPR ID 8		45-6-1		46.6.2		88.8.6	8-8-89		48-S-1		48-5-2		8 47					42.5-3		54.6-1		51-9-3		53-6-7	29-6-7		396	23.94		63-5-19		7875	74.84		848.8

Stream Type Bydroidogy GRWM Primment? Temporary Control Contro	116.200004000 SNR E 2 AR Cheb Section Righter 20 CY 0.001 19		200 000 155 00	To d'attent Estivorit To d'attent Estivorit	Corective V corective Corective V corecti	10 C C C C C C C C C C C C C C C C C C C
Nested Tribsian to Masset Structure Doministration Waterbody	P184-1 Camino Creak Camino Creak Lost Videy-Camino Creak 22.70167166500 P184-1 Camino Creak Camino Creak 22.70167165500	Certizo Cirek (zet Valey-Centro Cirek 23,7000777 Certizo Cirek (zet Valey-Certizo Cirek 32,71534	Centra Crask Centra Costs Leaf Maley-Centra Crask 32,705/202300 Leaf Maley-Centra Crask 27,705/202300 Centra Crask Centra Crask Last Maley-Centra Crask 32,705/204/1701 Centra Crask Centra Crask Last Maley-Centra Crask 32,705/204/1701	an Dugo (9189-1 Carries Creak Carries Creak Loat Valey-Carries Creak Ser Dugo (9189-1 Carries Creak Carries Creak Loat Valey-Carries Creak Sen Dugo (9179 Tule Creak Carries Creak Carries Creak	Em Dayo (1779 Em Dayo (1779 Em Dayo (1770 Em Dayo (1770 Em Dayo (1770 Em Dayo (1770 Em Dayo (1770	San Diego PTP3-1 Tole Creak Confin Creak Tole Creek 22.782501878 San Diego PTS2-7 Tole Creek Tole Creek 32.78750003450 San Diego PTS2-7 Tole Creek Tole Creek 32.78750003450 San Diego PTS2-7 San Diego Depte Creek 22.7875003450
Wagerbody GPS ID #	-1333 8339	01-516 01-516 01-516		546-21 54.8-33 56-8-2	25.52 25.52 25.54	1-9-27

						<u>लाला "स्ट्रा" पूर्व</u>	a - 121 - 1	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	8		Page 13
WAST Terrpotery Impacts: Unear test						346		95				2 12
151	 		8	2 8	4				000	2000		
On Continery High Voter Hart Temperary Permanent (emperary impactor (exter) Unary Free (exter)	+++-						210.0		8000			000 000 000 000 000 000 000 000 000 00
Parameter on Co		# 1 #	1000	0.002	0000							
Paris of the Paris	╎╎╎			38 CY 41 CY 41 CY 40 CY	6.C.y	λ0 <i>0</i> *			407°CY	20,	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2 EF 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1							74870 CY	Hereball Rip Rap Eathwork	93	Eurthwork	24 ONP Page End Sociation Tea Outed Nip Resp Endmental	24 CMP Harriwal For Nay For Day Earthwark Earthwark
<u> </u>	Handard Rip reg	**************************************	Section Rip Rap Section Eartweak Section see either		Filtry of extrem Earthware Filtry of extrem Earthwale				Grading Grading		Cubert Cubert Cubert Cubert	Cabort Ca
	Culveri Culveri	Odvari	Dip Section Dip Section Dip Section	Dip Section Dip Section Dip Section	FBrog	CALP GINE		778 778 779 779 779 779 779 779 779 779		The Edit	1798 1798 1748 1748	
oren (comporary Type impec Type At, Grach, Construct Construct Type)			1 Page 1	AR AR Grad	AR Good	101		3303				A A A A A A A A A A A A A A A A A A A
OHWH INDEA TYPE (St. AR. WATH (T) PORE, GRAF, GRAF, GRAF, GRAF, GRAF, TAAP)	A	AR Grad	AR AR	WHY WHY	2 2 2 E							
Hydradogy Ol	N .	52			3	12				<u>u</u> <u>u</u>		
Streens Type Hy (DM, sHR, Ty BRV, or VA		SHR P	SNR E	SWR EWR	SNR	SHR		вик	SHR	GNR O SINE	C CN FI	200 SHR 600 ENR 600 ENR
·	472488994ID SNR	718.47245508400 SHI	0000000	94536100 (64536100	8 8	118.50122301703	-116,60521622800	115.0003300	118,53911691000	116.5507535011.	118 64648475170	118 668 (000000) 518 118 606 601 (00000) 618 118 605 501 (00000) 618
Lenghude (HADGE)	F					-116					9118072370	Decario
Latitude (HADAS)	32.6716572800	22 ET185572850	22.17202213.02	22.67284373910 22.6728473910	2004/100KC	TO COLUMNIST	22,657573548770	22.05789881880	32,1003.59	ជ និ	32.68116	8 8
<u></u>	8					Gargo Vafey-Campo Creak	0 Valey-Compo 32.667	Crask	Perwero Crasic		uzknosed Carryon- Cachorwood Carryon-	Michaeord Caryon Cuttanwood Coask Michaeord Coask Michaeord Caryon Inchaeord Caryon Contravented Caryon Contravented Caryon
Websthed (RUC 12)	Cango Valery Carners Greek	Campo Valley-Campo Orack			Campo Vales-Campo Creak Campo Vales-Campo Creak	Campo Vale	Compo Valley Creak	Margar Reserved Cortorwood Creek	Picture Cr	Potence Cn Roverscand Costamon	Machine d'Carior Cathoris de Carior	
(HUC S)	Cationwood Creek- Historia filwar	Colbringed Creek-	Codeswood Cresk- C Thurses Wwe Codeswood Creek- C Ligitate Rheer (Controved Creek Thurse Rive Controved Creek- Transfer Rive	Contravend Steeler Typera River Cottemporal Crosler Tillarra River	Catterwood Lineto	Cottonwood Creeks Compto Valent-Compto Transit Row Compto Valent-Compto Transit Row Compto Valent-Compto fferwood Creak Useran Reacher 20:197	Culturend Creek*	Cottonwood Cr Tituera River Cettonwood Cr Tituera River	Commenced Campers Thurson River	Colimensod Create. Tigues Eiver Colimensod Create. Tigues Biver Colimensod Create. Tigues Biver Colimensod Create.	
L	1 11	25 A	3 P 3 P	SE OF	8 Km 8	Centro	Valey-Campo		Putram Cresk	126	Caryck	Colorascod Grak
Tributury is Hearest Downstream Weisebody	Centor Valey Care	Campo Valey-Campo Creek	Carrigo Valley-Carrigo Carrigo Valley-Carrigo Carrigo Valley-Carrigo Carrigo Valley-Carrigo	Campo Valey-Campo Campo Valey-Campo Campo Valey-Campo Campo	Campo Valley-Campo Cready Carrior Carrior Valley-Campo Carrior Carrior	Carroto Valent-Carroto Creekk	Campo Valeri-Campo Creekk	778 (dayner Cros)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Potrero Creek	882	Costomerod Creek
Hacest Objecture Rumber	684	150	124			98	8524			984d		1402
Project Location in Californio (County)	7	Sun Diago	Ser Cherry		San Diago	19.5-1 San Diego	Sen Diego	Spen Charges	Sam Criego	San Diego	1899	San Diago
Westbody GP8 ID 6		74.6.2			748-6	795-1	7364	11.69 10.59 10.59 10.59	1-9:09	82.8.2 86.5.2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

																						,		வ″ ந	w 1		r '	_	·	_							П	_				Γ.	Γ	T	Dans 14	Pega 14	
Wilel Temporary Sylpects:	Inser (1847)	— — 				T						"						9	-		1438	! 			ja			\ \	-			-	(29)	 		<u> </u> 		_			748	 	 	-	į		
Or Cardinary High Musica Start (Critivitia) Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Permanent Temporary Te		===	ਲ		75		12			90		ua.			8						*		<u> </u>			<u> </u> -	\ 	-	\ -\	-				 -	_	-		 	122		_	+	+	1			
Adjusty High W	(access)			1																	88			200		8	<u> </u>	-		\ -\-					+	+	+	-				0.052	1	1			
T T T T T T T T T T T T T T T T T T T	(nopacta: Arna Ira (acres)	OU'B	0000				0000			2000			00000								0.000		-			6 -	<u> </u>	-\ -\			7			\ +	+	1	1	<u> </u>	4-6	₩-		1	+	-	 }		
·	Networks in	z cv	8			3 Có (S	appearance of the same of the			323 C.Y	199	L	1 CY			11.81 CY) () () () () () () () () () (101.65			40.55	1800	48.03 1.5	43	25 EA		18.80.CV		0.27		South 47,32 LF	2	Anna 1 EA	72 25		a 13 LF			<u>چ</u>	actived 2EA	Rip-Rap (Classs 2 BS-CY Yor)	25 587 1482 32		
	Type of Estation	10/13				Res Res							EmBrack			77			Sod		TAC.OW	C 800 11 Creps	24 Chant 3 Boar 3- A.C. Over 5	Chare It Road		24 HEPE CLAN	Wind 1)pm	Straight Heads	Rip Ray (Class	Excanate and	Chees II Savet	S'AC Dan		Sor HOPE Culvert	Headwall	Straight Heat	Tor!	S' A.C. CAST	Clears H Boss			2 - 4NF Box	Strokgit He	fith-Rep (C	Eyzavaria		
├	Tasson for Type Otechange		٢			Cha Geotkon	Ţ	Do Section		Na Carpeting/Broads			Piling/Grading			Broading (ank)		Catthord	Greeno			Filtro Street		FIEND STROETS		Cubert	Cultural	Cohen		Cuver	Cohert	Culvari	136 L	CCOMM	Culvert	Cubraci	Culveri	Culvert	Culvert	52431	1 14/20	Cubrert	Culver	T S	Culvert	i	
ì	(COMP.) Dis- Construct. Or Yd., TP0)					Ĉ	3	0		<u> </u>	2								1798	223		 					 	-	-	<u> </u>	_						_		_		Н		 	-			
Pormanent Iv	(Str. AR, press (Str. AR, press (Str. AR, pr. Str. r. Str. AR, pr. Str. AR, pr. Str. AR, pr. Str. AR, pr. Str. AR, pr. Str. AR, pr. Str. AR, pr		T	AR Grad			N.S.	AR Gred			15.46		PCMP			<u>₹</u>						Buth	and a	- Sub		1 99	1	Dried .	900	g		4 000		\$15	ans.	3.5		13	98	\$3		15	1 4	a	Q. 19		
	VAMES (F)			-							_							-	<u>-</u>			-	+	_		,	╬	+	\dashv	\dashv	+	-4-			-	╁	†				П	Γ	1	1	1		
	Hydrology Type (P. 1,		В	E	L	2		E		L.	3			4				_				<u> </u>					4	-	-	_				1	-		1					-		+	\uparrow	1	
	Ottoern Type (DW, GNR, SRV, or YG		SWR	OSKR	1	9	D SNR	TO SWIR			m swa	Ц		ECC) SNR			SNK SNK			(e)OC SHAV		ENE COO					346900 SNR	-	_	_		1	關		TANKE TO THE	-	1	+	_				BAST SECTION SAR	$\frac{1}{1}$	+	- - 	,
	Longitherine (FLADED)		-118.584378751CO	-116.83487975(00)			-11£@66600700	-118.0518057X0			.1(8.7cos section	ЖL		.116.70096404600		#X	-116.7022033000			-11671416237600		000000000000000000000000000000000000000	Ш	<u> </u> -			-116.65655	- - -				-			-116 6528	1							951-	_			
-	Lettrade (HADBA)		32,69630190690	32 66030190880			32,66906546060	32.88808548080			32.73380537540			22,7330358.5720			22 7342M2109			32,775940,40470			32,800,000				32,61190911950								32 81044670180		<u> </u>			1			ST BISCOCKIED				
-			Éà	McAshard Caryan- Calbrayord Greek 32 695301908			1	1	.					day Creek			Just Para Veter Creek						- 				*								XX.								ireak	!			
	Watershee (AUC 12)		Lichtmand Cert Celtarwood Cir	McAsmond Can Calemacod Ca			Coffee and Creak	Modercond Campon			Losene Pilne VI			Lower Pine Velley Creek	_		Lonerer Pigna V			Teytor Crael			Taylor Creds				Teyfor Creek	_	_		-			21	Tayor Crook	1			╟	1	1890		Tayka Creek	-	-	$\frac{1}{1}$	i
	Wateribed (filiC 6)		nyelod (Jieth-	Cottonwood Creek-			Cottoryand Cont.	intercod Creek-	Tilluana Kare		Cottomocod Creak- Trustee Blyer (Losent Plyer Videy Creak			Contracted Creek			Cottons tower			Terfor Creek Sam Diago Shee Trajtor Crook			Gara Diagra River				San Chaps Kines								Son Diego River		Ĺ					Ш	Spen Diago River			 	
*											<u>8</u> Ē				21350		<u>3 F</u>			· ca																							Course to the course of the co	1			
	Tributary to Kazeset Downstream Visterbody			Cottomwood Crises	Cottonicad Chilk		Colburacod Cradk		Continued Criek			Witness Crysk		2-	Wind Lane					Terfor Craek			Proprieon Creek					A Block of	-	-	_	-			Peterson Creek	ļ	<u> </u>	_	 			<u> </u>		Peterson Creek	+	- 	
	Nearnerl Strooture Number				į.		P-03-1		P45-1			1-22-1					,	1,777					88064					48062	1	_		-			ISROEZ		+	-		L				SSDEX	$\frac{1}{1}$	1	_
	Project Location in California (County)				San Diego	- 200			San Dago P40-1			San Dago			San Diago		1	Sen Dego					See Diego		<u></u>			Sen Dags	-				1			4		-	+					Sun Chago	-	-	
	Waterbody GPB ID 9				2-9-22			9-6-26	9-5-03	81 · ES		1.58			m6.2			59-58			103-8-9		+08.0.1	199				107-6-1	107-8-1	1-6-10)	78/80	107-6-1	103			107-6-2	107.5-2	107-9-2	107-5-2		107-9-2			107-8-397	107-8-SW	WE-2-403	107.8-W

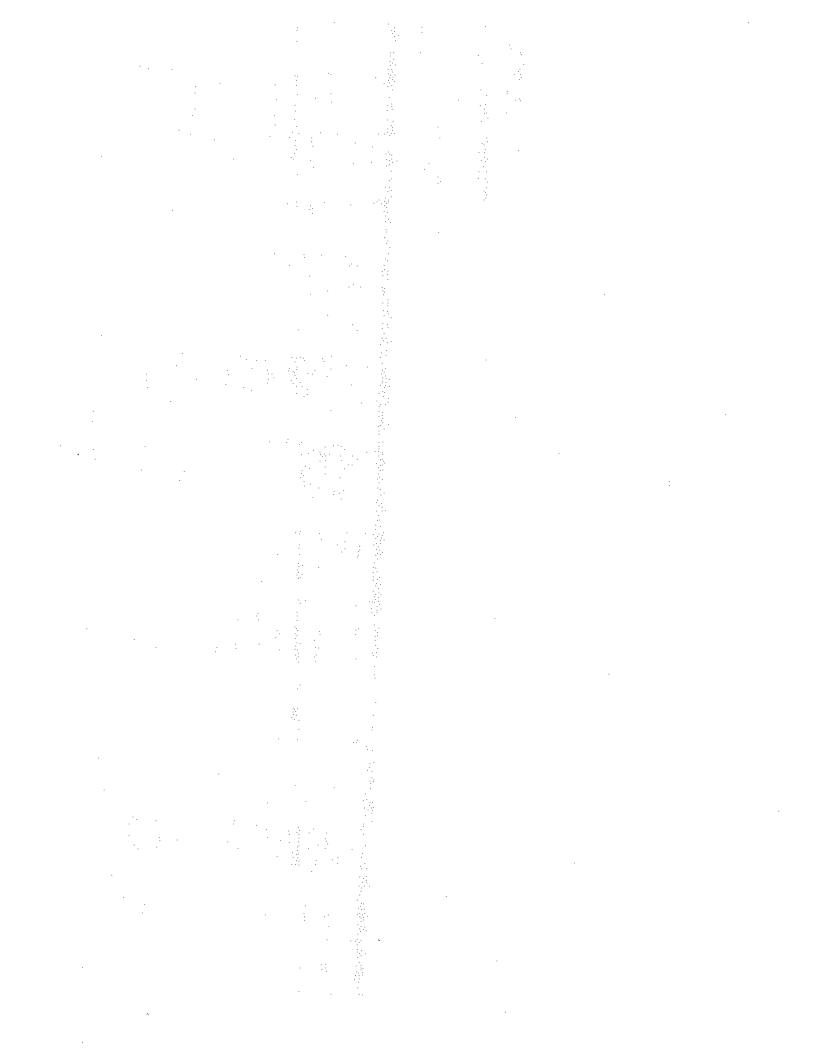
п	T	T-	Γ						Π	7.1	1000		<u> </u>	Ţ	Π				T	_						T	T				 										92	Page 15		
Temporary Impacts: Liman (test	<u> </u>	 			T			_		∤-			3	-	$\frac{1}{1}$				\$	$\frac{1}{1}$		╙			8	+	-	-			23	-	 	-			23/2							
Water Hart (-	 -	\	 			\ \	+		-			+	1	-	-	M24		$\frac{1}{1}$	1	_	<u> </u>			+	-	-				_	-			0.057			
Ensai on Collumy High Wester Lant (Chivid) Frenchowy High Wester Horse Horse Empatri Mess Inspects (Genes)						_		<u> </u> -					2000	 	- -	 			1000	<u> </u>	_	-			NO CO				- 3		2000	1					0,0422							
Stand of Stand of Stand of Standswift (Introduction Africa)						L	000	<u> </u>						$\frac{1}{1}$	_	\ \				_		-			_		-	\ \ \ \ \ \ \ \			+	1	-		+ 8			7730 CV			V. 757 81			
Quantity of Discharged Matarial	1314.59 6F	123.68 UF	75 05 CK			_	38.47 LF	2EA	18 CY	300,32 6F	19116		1 44.70 LF	2E4	18 CY	1251 CY	310 13 6F		31 87,79 LE	264	13 CY	10 CS C)	29195		BS 64 1.F	2.EA	3 2 8	[時 114.75 CY	455.60 8F		13000 1000E	SEA.	12 CV		8 GS71.F			05/20	43.0	H		Cons		
of Metastai	3* A.C. ever 8* Class it Boss	Heartwal	The part Fill	C. orac &			HDPE Cutom	South State of State		S'AC out &	AC. Diss		I' HISPE CLINE	Vng Type Isadvod	(a)	Screwage and Fig.	Charall Board		30' HÖPE Culv	Withg Types Headwall	Rip-Rap (Class Troil	Expense and R	Chart II Barrie		2-47 HDPE	Wing Type	Rip-Rep (Cla	Ton) Excavado eno	T. A.C. over 8'	390	24 HDPE CLANNI	Straight Typ Heachwal	Rep Resp (C)	S' A.C. Ura	Clare II Smed 6" A.C. Olice		TAC S	The Constant of the Constant o	- Description			33		
Anason for Type	1 1		Ì	-					Ì	1	Chart		C. Parker		ļ	Culvet	Culvart		1		ì	Cuhwt	Cuchart					Culvert	Cuthrest		Cureri	Cabred	Cushed	Crywart	Const		L	Filtro Streeth	Cut Stream		(Contrart)	200		
temporary inchest Type gass (ICSF, Construct	Culvar	Cubat	Culver		CLOME		COMM	Culvert	Culver	5	1 10	H	d	0		191										1	1	1	_				-		_			_				тсмР		
perment ter impact Type in it ist, AR. (I pc.Mp. Grad., Co.				-	ans.		grap Stab	dia dia	9	qnS	Sub	П				Sub	d),E			41.00 41.00	45	Sub Sub	Stats.			Quent G	Sufb	416 6	40				- Se	grap.	Q.	ana		8.85 6.80	488 488			_		
OHWIE THE	ang.	₩.S.	87.8	3			8							-	T					-	$\frac{1}{1}$	-	——			~	$\frac{1}{1}$					 -	-					-2	-			-8		
Hydrodogy Type (P, ¹ ,			_					<u> </u>		\\ \\	_		_	<u></u>	_	1	-			<u>-</u>	1	-				-1			-	1900			_						+			g).		
Otream Type (D64, 84R, 83V, or W)								SPIK						X GNR	_	_	-			KOD SHR		_	_			5500 SMR						SSOO SNR	1	+	_		_	742500 SHR				3612300 BNR		
Longitude (NACRS)								.118 07280575100						-118.8721801AEDC						-118.8975828540D						-118,06225584500						-116.622508						118,66283742500				00021909012300		
ļ	_		-		_	H	_	200	-						-		_			6081590			-		-	35081350			╫			30130738	+	1			П	0627342730					200000000000000000000000000000000000000	
Lethode (NADSJ)								32.8121028						32.81202657320						32.8130	_					328143						32.8130			_			22.0					325	
Watershad (FIDG 12)		 		1	<u> </u>		The County County of the						388	Virgina Create-Sweetwater River						Violes Crast-Swammist River						Į	Six Case					Tarker Greek							The call of			Veyas Greek-Sweatwater		
ļ			<u> </u>	1	+-"	WO.		Jan Jan Jan Jan Jan Jan Jan Jan Jan Jan	_	<u> </u>	<u> </u>	1 1	863	Vage C	_		$\frac{1}{1}$				-	-	-	 	// 1 8		ex (a)	-	-						\dagger									
Wantershad (HUC 8)								Son Clops River						Sen Diago River						The Party Shape	200						Start Disease River					San Disgo Rom							San Diest Kiner				San Diago Shea	
ŧ		+	-		+			ue g			 -	1 123	1 68	- 3			+				-	+	11	-	ı		***	1	1										4					
Y ributary to Nozeest	wastresm Wate							Petersen Cresk													Pataroca Casalt						Peterson Creek												Peterson Creek				Volves Crook	
	Number Don		-					SEDE2 Pet							77000						88DE2						66052						1		<u> </u>				SSDE2				984	
	California Ni (County)							98	Ī	 					egan Diago						Sen Chego						San Diago						aces uses	-					San Dierge				Sen Diago	
<u> </u>	9 01 8 d 5	107-8-3W	107-8-3E	ST. S. JE	30.50	107-5-3E				10861	108-6-1	108-8-1			108.5-2	(08-8-2	108-8-7	*-C-001	7-4-87		10%-5-3	103.63	108-0-3	200	70-01		100 to	108.54	106.54	102-5-4	F-3-901		3-8-6-6	108-8-6	108-6-5	3-8-90)	108.8.5		100	108-5-1	19-61		111-13-1	

124W-1

112-W-5

12.53

Brass or Ordery High Water Mark (UNIWAS)	Reason for Type of Methods Quantity of perception (except) Permanent Temporary Introduction (impacts the Methods (except) (except) (except) (except) (except) (except) (except) (except) (except) (except) (except) (except)	and a constant of the constant	Firepopulary Sermant 12 CV		1200		Faing of etimens Earthwork 1965 CV			Da Sactam Trac Page (2010)		133	18 CMP 60 LF	Headwast Ry (au)	Estimate 42 GY													-
	Reductions ONNIN INSTANCE Transporters Frys (P. 1. Wachn (R) POTHS, Card Construct Res. Trys (P. 1. Wachn (R) POTHS, Card Construct Res. Trys (P. 1. Pp.)		The state of the s			E 1 AR	176		R AR	,	14		0.4	5 - S		201	5 11 11 2 m			407	politipa Permanent Constituction and Mannescenter 1	ARY - Accords Ross AR Canda (Secting Impacts connocisted with access reads	PORTE Grade Grading Impacts associated with Potaline	guan Gubathtan 15AP a Towa Studing Access Ped		TOMPs Temporary Construction and Lighthamarus Pad	Constant to the second of the	
	Stream Type (LDV, BRR, BRR) STOV, CV VI)		SNR COTESTAGE 811.			. 60570507050 -118.90702786000 SHR	New Commence of the Commence o	The state of the s	22 03 25 121 (CT 19.90 41 2 205 (CT) BNR		12 BECCS121160 -118.80413365100 SHR			22 62529503401 -116 5085,03549001 5NR			32 88538380340 -118.0036438-4600 SNR			Participant (Theothe: Sire Strotture			Faringer feet	ra Roof	ONWIA Onfront High Water Stork	Temporary Impacts: TCMPs T		
	HUC. 5) Visiontined (NUC 12) Lettude (NACRS)		San Varcanta Crest-Sun Dego Férrar			Sast Vincentis Credit-San Dazo Rivar	Seet Vircostta Creati-Sen	Diago River	San Vincenta Creak-Ear	THE COMME	Ban Vincaria Crosiv San Clapo Rives			San Vincente Creek-Barr Diege River	П		Start Versions Create Seen Claps Rivet		Н					F18	OHM			
	Trausery is Marrest Watershed (NUC. 8)		Sen Vincente Creek-Sen doe Dann Shat	Diego Room		Bar Vincentia Carek-Sen Bar Vincentia Carek-Sen	Bosh Grade	Disco River San Disco River	a Croat-Serr	Diegos Rikest Ben Diego Rives	San Vacents Cheek-Bert			San Vincenta Creek-San	П		Sen Vincentia Craek-San	1-1				Mapahaet # - 173/* Day Westt, 'S' Stream, or "VV" Watland - Feature #	(4 p. 4-DW-40 memns day weath #10 on Metherson 4)	Wast, Er Ephanord		o Reportiest Vegesträker porties Vegesträker		
	Project Haarth Waterbody Location Britochtes GPS ID 3 California Rumbes Change			27-5-10 Swn Dego PES	127-8-10		126-6-1 San Diago: PSD-1	123-55.1 San Dago P50-1		729-6-25 Son Disque (PSD-1	Ţ	123-5-26 Sun Diego (PSD-1			(30.9-1 San Diago P48-1	(30.5-1		(20.5-1) San Diego P48-1				Kay of Abbraytanous. investigated SPS IDF: - Mapaheet # - 'CW		Hydrology Type: Pre Personial, in Inbernitiant, En Epherhard			W = Wedand	



ENCLOSURE 5

美国军队的政策处定

rlink impacts to Waters of the U.S. within NWP 3 Activity Areas Eng.

Watershed (HUC
Camizo Creek
Camizo Creek
Camizo Creak
Carrizo Creek
Carrizo Creek
Carrizo Creek
Carrizo Creek
Carrizo Creak
Cartizo Greek
Camzo Craek
Camizo Cri
Tijuana Riv
Cottonwood Tijuana Rive
Cattorwood Tijuena Rive
Cottonwood
Coltonwood Tijuana Riv
Cottonwood Tijuana Riv
Cottonwo Tijusna R
Cottomes Tijuana R
Cottonwo
Cottonwo Tiluena R
Cofforwood Creek- Tijuane River
Cottonw
Cottony
Cottom
Cottonwe Tijusne P
Cottonwr
Cetton
Cottonwood Creek
<u> </u>
Cottonwood Creek-
Tijua

		<u> </u>	1			Ţ		Γ	T		Ţ		Ţ			Ţ		Γ	Ţ	_	T			
	Parmanant Impacts: Linear (feet)		<u>.</u>	2	<u> </u>	<u></u>	- 49		g		2	8	1	£		اء ا	 	-	#	ë	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Permanent impacts: Area (acres)		89.	0000		0.000	<u> </u>		0.001	 	0.001		O'M's	0000		0.000			0.001		5003	2600		
	Permanent Impact Type (AR» Access Road)	Access Road	Repairs	Access Road	Repairs	Repairs	Access Road	Rapairs	Repairs	Access Road	Repairs	Access Road	Repairs	Access Road	Kepers	Renaits	Access Road	Repairs	Repairs	Access Road	Repairs			
	OHWIK Widih (ft)		9,		2	•		의	,	<u> </u>	7.0		2.0	 	<u>=</u> 		1	0.5	- C	1	9.0			
 	Hydrology Type (E)		į,		ш		"	ᆈ	, 	<u>"</u>	ij	<u> </u>	m	 -	ш	<u> </u>	<u>-</u>	ĦΨ		<u>.</u> - -	ш			İ
- 	Stream Type (SNR or SRV)			SNK	SNR		ES .	SNR		SNR	1	SNR	Q.	100	SNS		SNR	SNR		SNR	dNS	1		
	Longitude (NAD83)			-118.41395036500	41R 41436501500		-118.41698692600	446 44779938108	-110.4 150.4 dept.	118,41540916900		-116.42303644650		-116.48770700000	445 64834405RM	-110.010.110.110.110.110.110.110.110.110	-116.5533443390D	148 83681018800	- Company	-116.83838559200		-116.82039033000		
	Latituda (NADS3)			32,74572071280		32.7454883050	32.74288847880		32.74282689370	- 11172R1995D	Γ	32,73890353590		32,65516500000		32.65549916460	32,55389772600		32.65920468780	92 85980072270		32.88508672350		
	Watershad (HUC 12)			La Posta Creek		La Posta Craek	La Posta Crosk		La Posta Creek	1	La Posta Creek	Age C. Street	Compo Vallet Cardoo	Coak	Morena Reservoir-	Cottonwood Crook	Domesto Criticis	McAlmond Canyon-	Cottonwood Creek	McAlmond Cenyon	Compressed Crack-San	Diego River		
	Watershed (HUC 8)	··-		Cottonwood Creak-	reek		Cottonwood Creek-	Cottonwood Crask		Coffanwood Creek-	Tijuano River	Cottonwood Crisek	Tijuana River	Cottonwood Craek-	Tottomwood Crack-	Tiluana River	Cottonwood Craek-	Tiguana Kiver	Tijuana Rivor	Cottonwood Creek-	Tijuona River	Scan Diago River	- Capin Capin	
	Tributary to Mearest	Coordinate at Security District			La Posta Creek	a Posts Creak		La Posta Creek	I a Boela Creak		La Poste Creek		La Posta Creek		Campo Craek	Lineseer Creek		Patrero Cresk	MeAtmond Carryon		McAlmond Canyon	San Vincente Creek-San	Diego River	
	Nearest Structure	Number			P128			P127		771.4	7010		P125		P89-1		A/A	P65-1	i d		DSG		P69-2	
	Project Location	(County)			San Diego		San Diego	San Diego		San Diego	į	San Ulego	Sep 29egs	and and and and and and and and and and	San Diago		San Diago	San Diego	1	San Diego	San Dieno		San Diego	
	Project Location	(city)			Central Mountain		Central Mountain	Central Mountain	•	Central Mountain		Central Mountain		Contral Recuited	Mountain Empire	\$	Mountain Empire	Mountain Emplie		Mountain Exceptre	Manager Compile	WORMSHIP CATHOLIC	Alpine	
	Wetarhado	GPSID#			85-5-6		65-5-7	#4.9.11		65-5-12		85-8-19		58-S-5	g.	5	80-5-6	12.64		88-5-7	1	58-S-12	122.54	

Key of Abbraviations: Waterbody GPS ID#: Anpsheet 8 - 5° Stream - Feature 9 (e.g. 122-5-4 means stream #4 on Mapsheet 122)

Hydrology Type: En Ephemeral

Stream Type: SNR= Stream with no Riparian Vegetation SRU= SRV= Stream with Riparian Vegetation

OHWAN- Ordinary High Water Merk Permanent Impacts: AR- Access Road

ENCLOSURE 6

The first section of the party of the control of the expension of the control of

en en la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co



State Water Resources Control Board



Executive Office

Arnold Schwarzenegger Governor

9

Charles R. Hoppin, Chairman 1001 I Street • Sacramento, California 95814 • (916) 341-5603 Mailing Address: P.O. Box 100 • Sacramento, California • 95812-0100 Fax (916) 341-5621 • http://www.waterboards.ca.gov

ORDER FOR CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION FOR THE SAN DIEGO GAS AND ELECTRIC COMPANY SUNRISE POWERLINK PROJECT FILE NO. SB09015IN U.S. ARMY CORPS OF ENGINEERS FILE NO. 2007-00704-SAS

Sunrise Powerlink Electric Transmission Line PROJECT: APPLICANT: Mr. Don Haines San Diego Gas and Electric Company (SDG&E) 8315 Century Park Court, CP21G

San Diego, CA 92123-1548

This Certification responds to your request on behalf of SDG&E for water quality certification for the subject project [State Water Resources Control Board File no. SB09015IN; U.S. Army Corps of Engineers (Corps) File no. 2007-00704-SAS]. Your application was received on October 15, 2009, and was determined to be complete on

November 15, 2009. Numerous changes to the project were made by the applicant, and a revised application reflecting those changes was received on August 23, 2010.

Order for Denial of Certification ACTION Order for Standard Certification Order for Waiver of Waste Order for Technically Conditioned Discharge Requirements Certification

AUTHORIZATION:

This Certification conditionally certifies the construction and operation by SDG&E of the Sunrise Powerlink Project (Project) as described in the Sunrise Powerlink Final Environmental Impact Report/Final Environmental Impact Statement and supporting documents. The State Water Resources Control Board (State Water Board) has reviewed these documents and has made the findings required by the California Environmental Quality Act (CEQA) Guidelines (see attachment D).

STANDARD CONDITIONS:

1. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the

California Environmental Protection Agency

- California Water Code (CWC) and California Code of Regulations (CCR), title 23, chapter 28, article 6 (commencing with section 3867).
- 2. This Certification action is not intended and shall not be construed to apply to any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license, unless the pertinent certification application was filed pursuant to CCR, title 23, section 3855(b), and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
- 3. This Certification is conditioned upon total payment of any fee required under CCR, title 23, chapter 28 and owed by the SDG&E. The maximum possible fee of \$40,000.00 was received with the application.

ADMINISTRATIVE CONDITIONS:

- The State Water Board reserves the right to suspend, cancel, or modify and reissue this Certification, after providing notice to SDG&E and/or responsible contractor(s)/sub-contractor(s), if the State Water Board determines that the Project fails to comply with any of the terms or conditions of this Certification.
- 2. This Certification shall expire upon the expiration, retraction, or substantial modification of the Clean Water Act Section 404 permit issued by the Corps, or five (5) years from the date of issuance of this Certification, whichever comes first.
- A copy of this Certification, the application, and all supporting documentation must be available at the Project site during construction for review by site personnel and agencies. All personnel performing work on the Project shall be familiar with the content of this Certification and its posted location on the Project site.
- 4. SDG&E shall grant State Water Board and Regional Water Quality Control Boards (Regional Water Board, collectively Water Boards) staff, or an authorized representative, upon presentation of credentials and other documents as may be required by law, permission to enter the Project site at reasonable times, to ensure compliance with the terms and conditions of this Certification, or to determine the impacts the Project may have on waters of the State.
- In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, processes, or sanctions as provided for under state or federal law. For purposes of Clean Water Act section 401(d), the applicability of any State law authorizing remedies, penalties, processes, or sanctions for the violation or threatened violation constitutes a limitation necessary to assure

compliance with the water quality standards and other pertinent requirements incorporated into this Certification Order.

- In response to a suspected violation of any condition of this Certification, the Water Boards may require the holder of this Certification to furnish, under 6. penalty of perjury, any technical or monitoring reports the Water Board deems appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
- The State Water Board may add to or modify the conditions of this Certification, as appropriate, to implement any new or revised water quality standards and 7. implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.) or section 303 of the Clean Water Act.
- SDG&E shall notify the State Water Board within 24 hours of any noncompliance that may impact the beneficial uses of waters of the State (including wetlands, 8. rivers or streams). The notification shall include the volume and type of materials discharged and recovered, measures used to contain the discharge, and measures used to prevent future discharges.
- Permitted activities shall not result in the taking of any State endangered species, threatened species, or candidate species, or the habitat of such a 9. species unless the activity is authorized by the California Department of Fish and Game pursuant to a permit, memorandum of understanding, or other document or program in accordance with Fish and Game Code.
- Permitted activities must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving 10. waters as adopted in the Water Quality Control Plan (Basin Plan) by a Regional Water Board or the State Water Board.
- This Certification does not obviate the need to obtain other permits that may be required by federal, state, or local authorities. Failure to comply with any 11. condition of this Certification shall constitute a violation of the Clean Water Act and the Porter Cologne Water Quality Control Act. Any such Certification previously granted shall immediately be revoked, and any or all discharges shall cease. SDG&E may then be subject to administrative and/or civil liability pursuant to Water Code section 13385.

ADDITIONAL CONDITIONS:

Construction and operation of the Project shall adhere to all Mitigation Measures (MMs) found in the Final Environmental Impact Report/Environmental Impact 1. Statement and Proposed Land Use Amendment SDG&E Company Application

for the Sunrise Powerlink Project (Sunrise FEIR) issued October 17, 2008. Minor revisions to the Sunrise FEIR that may be made by the lead agencies for compliance with the CEQA or the National Environmental Policy Act (NEPA) shall be accepted under this condition when such revisions are made through appropriate legal and administrative processes. Changes to the Sunrise FEIR that may affect the State Water Board's findings pursuant to CEQA, shall result in additional review, and possible modification, revocation, or denial of certification.

- Construction, operation, documentation and reporting for the Project shall be in compliance with the Project Final Mitigation Monitoring, Compliance, and Reporting Program (MMCRP), dated April 1, 2010, and any subsequent revisions to the MMCRP that may be prepared in order to correct minor inconsistencies, typographical errors, etc. SDG&E is responsible for successfully implementing all the adopted mitigation measures in the MMCRP.
- 3. As provided in MMCRP, section 2.1.1, the Contact List containing all contact information for all key Project personnel for all Project segments, including all environmental monitors, shall be provided to the State Water Board. No work on the Project that may result in a discharge to a water of the State shall be permitted until the Contact List is received by the State Water Board. The State Water Board shall be provided with any update to this Contact List in a timely manner as personnel changes occur.
- 4. As provided in the MMCRP, section 3.3, Communication Protocol During Construction, if an unplanned construction activity violates, or threatens to violate, water quality standards, SDG&E shall cause work to be stopped in that area immediately (as long as it can be done safely) until the State Water Board can be contacted to resolve the potential violation.
- be required during the construction and maintenance of the Project to address situations that potentially or immediately threaten the integrity of the Project facilities. For response to emergencies that affect or have the potential to affect waters of the State, all applicable communication protocols and MMs shall be followed to the fullest extent practicable. Once the emergency has abated, any unavoidable environmental damage shall be reported to the Project biological construction monitor, who shall notify the State Water Board within 24 hours. If required by the State Water Board, SDG&E shall develop an emergency response plan following cessation of the emergency in order to mitigate for any significant water quality effects caused by the emergency response consistent with all applicable MMs and any permits issued for the Project.
- As specified in MM WQ-APM-14, a General Permit for Storm Water Discharges Associated with Construction Activity (NPDES permit) authorization from the Water Boards shall be obtained. No work on the Project that may result in a

discharge to a water of the State shall be permitted until this authorization is obtained. SDG&E shall establish and implement a Stormwater Pollution Prevention Plan or plans (SWPPP) to minimize the hydrologic impacts of Project. Construction of the Project shall be conducted in compliance with all SWPPPs submitted by SDG&E for the Project.

Compensatory mitigation for effects due to the construction and operation of the Project, as provided in MM B-2a, shall be guided by, documented, and reported 7. in compliance with Final Project Habitat Mitigation and Monitoring Plans (HMMPs) to be approved by the State Water Board and other relevant state and federal agencies. State and federal regulations require mitigation for impacts to waters of the State, including waters of the U.S. The Final HMMP will describe how the mitigation will be accomplished, including preservation, restoration and enhancement activities, monitoring and performance criteria, and management of compensatory mitigation areas.

Pending approval of the Final HMMPs, the Conceptual HMMP revised October 2010, including all attachments and appendices, shall be accepted as a provisional HMMP for the Project, in consideration of the complexity of the ongoing transactions and planning associated with the proposed compensatory mitigation properties. Substantial changes to the Conceptual HMMP's provisions may result in additional review period, and modification, suspension, or denial of certification.

All details for the Final HMMPs, except those specified in Condition 8 below, shall be submitted to the State Water Board within 120 days of the issuance of this Certification unless an extension is requested by SDG&E and granted by the State Water Board before the 120 days have expired. Failure to meet this deadline may result in revocation of this Certification. Any such request shall specify the following:

- a. A full explanation of the reason and need for an extension.
- b. A full explanation of what steps SDG&E is taking to address the reasons for the delay.
- c. A detailed schedule for completion.
- Property and interests in real property obtained for compensatory mitigation shall be subject to approval by the State Water Board. Management plans, as 8. presented in the HMMPs for each parcel proposed as compensatory mitigation, will be subject to approval by the State Water Board. These plans will, at a minimum, provide detailed information of the following:
 - a. Mitigation objectives, including a summary of the aquatic resource type, and acreage and/or stream reach length to be provided, the method of compensation (i.e., restoration, establishment, enhancement, and/or preservation), and the manner in which the project will properly function within a watershed to offset permitted impacts to waters of the State.

- b. Compensation Plan's scope of work.
- c. Mèthod(s) of site protection through legal and real estate arrangements and instruments.
- d. Access to all mitigation sites for vector control purposes, if deemed necessary by the appropriate vector control agency, and for on-going maintenance and mitigation compliance review by authorized staff of any regulatory agencies.
- e. Complete baseline information of all sites, including a full description of the sites' resources and ecological conditions, contributions to water quality and a description of how unavoidable impacts are offset by the acquisition and management of the sites.
 - f. Performance standards, including documentation of the sites' maintenance and improvement of ecological and hydrologic functions.
 - g. Plans for maintenance and long-term management, including a schedule and work plan of sufficient detail to ensure that all actions needed for accomplishment of site management goals are planned and implemented.
 - h. A site monitoring plan of sufficient detail and duration to provide a record of the condition of the sites over time. The monitoring plan will account for all personnel, equipment and actions needed to observe, document and report in perpetuity all site characteristics which are intended to provide compensation for ecological and hydrological services lost due to Project construction and operation. The monitoring plan will specify the level and frequency of monitoring to be conducted at the sites. The monitoring plan will include an adaptive management element to provide for orderly management response to problems and changing conditions.
 - Budget projections to ensure that site endowments are sufficient to provide for all necessary expenses entailed in the implementation of the plan.
 - Specification, in detail, of all financial assurances proposed to ensure implementation of all of the plans' elements in perpetuity.
- k. Any additional information deemed necessary by the State Water Board or other relevant state or federal Agency.

The Final HMMPs shall be submitted to the State Water Board within 12 months of the issuance of this Certification unless an extension is requested by the SDG&E and granted by the State Water Board before the

12 months have expired. Failure to meet this deadline may result in revocation of this Certification. Any such request shall specify the following:

A full explanation of the reason and need for an extension.

A full explanation of what steps the SDG&E is taking to address the reasons for the delay.

A detailed schedule for completion.

Full title and ownership or land transfer agreements for all compensatory mitigation properties shall be finalized before energization of Sunrise Powerlink Transmission Line, unless an extension is requested by the SDG&E and granted by the State Water Board. Any such request shall specify the following:

A full explanation of the reason and need for an extension.

A full explanation of what steps the SDG&E is taking to address the reasons for the delay.

A detailed schedule for completion.

Compensation for Permanent and Temporary Impacts: The compensatory mitigation ratio for permanent and temporary impacts to waters of the State shall 9. be as shown in Tables 1 and 2 below. Exact mitigation ratios achieved under the Final HMMPs may vary slightly, but shall not be substantially lower than those presented in this Certification. Details for compliance with this condition shall be specified in the Final HMMPs as described in Conditions 7 and 8.

Table 1. Some Permanen Habitat Type	ummary of S t Impacts to Permanent Impacts	unrise Power Waters of the Off-site Restoration Mitigation Acreage	Off-site Enhancement Mitigation Acreage	Off-site Preservation Acreage for Permanent impacts (after subtracting Temporary Impact	Total Mitigation Acreage for Permanent Impacts	Permanent Impact Mitigation Ratio
			NINKING STATES BANK HILL IN	preservation—see Table 2)		; ; ;
Desert Dry Washes	2.72	er i Personal O 1 - Harakaran Ha	4.04	72.94	77.98	29 ¹
Other Streams²	2.71	0.04	2.14	0.41	2.59	1
Wetlands	0.08	0	7.52	11.11	18.63	233
Total	5.51	0.04	13.70	85.86	99.6	15.1 ³

^{1.} Combines restoration, enhancement, and preservation acres. Final HMMP will reflect final allocation of preservation and non-preservation ratios.

^{3.} Based on weighted average

Table 2. Su Temporary	mmary of Sur impacts to Wa	nrise Powerlink Pro aters of the State	ject Mitigation for	THE STATE OF THE S	
Habitat Type	Temporary Impacts	On-site Habitat Replacement Acreage	Temporary Impacts Replacement On-site Ratio	Off-site Preservation Acreage	Temporary Off- site Mitigation Ratio
Desert Dry Washes	7.3	7.3	1:1	14.6	2:1 ¹
Other Streams ²	0.9	0.9	1:1	1.08	2:1
Wetlands	0	NA	NA	NA ·	NA ·
Total	8.2	8.2	1:1	16.4	2:1 ³

^{1.} Combines restoration, enhancement, and preservation acres. Final HMMP will reflect final allocation of preservation and non-preservation ratios.

2. Other Streams include both non-vegetated streams to Top of Bank and riparian habitat, when present.

3. Based on weighted average.

^{2.} Other Streams include both non-vegetated streams to Top of Bank and riparian habitat, when present.

- 10. In reference to MM B-1a, any impacts associated with unauthorized activity (e.g., exceeding approved construction footprints into a wetland) shall be mitigated at a 5:1 ratio (all ratios are expressed as mitigation: impact), except in Flat-Tailed Horned Lizard Management Areas (FTHL MA) where a ratio of 5.5:1 shall apply. Restoration of the unauthorized impacts shall be credited at a 1:1 ratio (i.e., mitigated by in-place habitat restoration); the remaining 4:1 (or 4.5:1 in FTHL MA) shall be acquired off-site as restoration or enhancement mitigation sites. If preservation sites are offered as off-site compensatory mitigation for unauthorized activity, the minimum acceptable ratio shall be 11:1. Details for compliance with this Condition shall be specified in the final HMMP as described in Conditions 7 and 8.
- 11. Parcels proposed for compensatory mitigation through preservation must meet the criteria found in the Code of Federal Regulations, title 33, section 332.3(h).
- 12. Where on-site restoration of vegetation and landforms are planned, SDG&E shall identify a qualified Habitat Restoration Specialist who shall prepare a Habitat Restoration Plan as provided in MM B-1a. The Habitat Restoration Plan shall be subject to approval by the State Water Board. SDG&E shall be responsible for the implementation of the Habitat Restoration Plan.
- 13. Construction and operation of Project shall comport with the "2009/2010 Weed Control Plan for the Environmentally Superior Southern Route of the SDG&E Sunrise Powerlink Project" as prepared by RECON Environmental, dated September 2, 2009, and as specified in MM B-3a.
- All construction, maintenance, and removal of roads shall be conducted in a manner than avoids and minimizes road-related erosion and hydromodification. At a minimum, road construction and maintenance for the Project shall be conducted in accordance with BIO-APM-5, WQ-APM-15 and the following reports and plans:
 - a. Final Basis of Design Report Sunrise Powerlink 230kV &500kV Access Roads and Maintenance Pads. (Prepared by: Bureau Veritas, North America, Inc., 11590 West Bernardo Court, Suite 100, San Diego, CA 92717-1624). (August 6, 2010.)
 - b. SDG&E Access Road Maintenance Guidelines, Provided to Cleveland National Forest to support Category 3, 2010 Road Maintenance Submittal (eTS 20281). (May 21, 2010.)
 - c. SDG&E Water Quality Construction Best Management Practices Manual, (URS Project No. 27644947.03 B00, December 2002).
 - d. SDG&E Design and Procedure Manual (Provided as Appendix C of the Basis of Design Report).

e. Final Grading Plans for all segments.

Road construction, maintenance, or removal specifications that may be conditions of the U.S. Forest Service Special Use Permit or the Bureau of Land Management (BLM) Right of Way Grant shall supercede documents cited above in condition 14.

Any specifications found in the documents cited above in condition 14 which may be at variance with the mitigation measures specified in the Project Sunrise FEIR or the conditions of this Certification Order shall be superseded by those mitigation measures or conditions.

- 15. Through-cut roads can be a significant source of discharge of fill into streams and wetlands. (Through-cut roads are roads of any gradient, with or without sideboard ditches on one or both sides, with a running surface that is lower than the surrounding terrain on both sides of the road.) Provision for through-cut roads is made in section 6.2 of the Sunrise Basis of Design Road Report (Bureau Veritas, 2010). Drainage for through-cut roads shall be as specified for water bars for all roads in the Sunrise Basis of Design Road Report (BOD), Table 2, Criteria 11. When a need is encountered for construction or maintenance of new or existing through-cut roads of any gradient that are not described in section 6.2 of the BOD, the State Water Board shall be notified of the circumstance and provided with a description of the site and the provisions for drainage of the site for approval.
- 16. To avoid potential adverse effects to watershed functions by the Project's temporary and permanent access roads, structure pads and other facilities, and to comply with WQ-APM-1, and with section 5.5 of the SDG&E Project Design and Procedure Manual, historic runoff patterns shall be maintained where possible.
- 17. Appropriate soil erosion prevention and control Best Management Practices (BMPs) shall be implemented throughout the construction and maintenance of the Project. Erosion control BMPs shall be implemented to the minimum standards presented in the SDG&E Water Quality Construction Best Management Practices Manual.
- 18. The discharge of petroleum products or other pollutants to surface waters that may result in violation of water quality standards is prohibited. Activities shall not cause visible oil, grease, or foam in the work area or downstream.
- 19. Fueling, lubrication, maintenance, storage, and staging of vehicles and equipment shall not occur in or within 200 feet of any waters of the State or any area that could affect a water of the State. Fueling, lubrication, maintenance,

storage, and staging of vehicles and equipment shall not result in a discharge or a threatened discharge to any waters of the State.

- Variances for minor changes to the approved Project plans issued according to the procedures specified in the MMCRP (especially Sections 2.1, 3.4, 4.1 and 4.2) shall be recognized by this Certification Order as part of the Project. Mitigation for impacts to waters of the State that may occur as a result of approved variances shall be provided according to the MMCRP, HMP, and all conditions of this Certification Order. Accounting of any additional or new permanent or temporary impacts to waters of the State which may have occurred as a result of approved variances shall be provided at the end of construction so that appropriate mitigation can be obtained and documented.
- 21. Reporting -- Notifications and reports shall be directed to: Program Manager, Certification and Wetlands Program at the following State and appropriate Regional Water Board offices:

State Water Resources Control Board
Division of Water Quality – 401 Certification and Wetland Program
1001 "I" Street, 15th Floor
Sacramento, CA 95814-2828

San Diego Regional Water Quality Control Board 9174 Sky Park Court, Suite 100 San Diego, CA 92123-4340

Colorado Basin Regional Water Quality Control Board 73-720 Fred Waring Drive, Suite 100 Palm Desert, CA 92260-7002

STATE WATER BOARD CONTACT PERSON:

If you have any questions, please contact State Water Board Environmental Scientist Cliff Harvey at (916) 558-1709, via e-mail at charvey@waterboards.ca.gov, or by mail at:

State Water Resources Control Board, 401 Certification & Wetland Program 1001 I Street, 15-55c Sacramento, CA 95814-2828.

WATER QUALITY CERTIFICATION:

I hereby issue an order certifying that as long as all of the conditions listed in this Certification or incorporated by reference are met, any discharge from the Project will comply with the applicable provisions of Clean Water Act sections 301 (Effluent comply with the applicable provisions of Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality

Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards). This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ which authorizes this Certification to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act.

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the Project Information Sheet (Attachment B), and (b) compliance with all applicable requirements of the State and Regional Water Boards' Water Quality Control Plans, the Sunrise FEIR and all other documents incorporated by reference.

Thomas Howard

Executive Director

State Water Resources Control Board

Data

Attachments (10):

- A. Signatory Requirements
- B. Project Information Sheet
- C. Project Area Map (Attachment A, Project Segments Map, of the Project Mitigation Monitoring, Compliance, and Reporting Program).
- D. CEQA Responsible Agency Findings
- E. Sunrise Powerlink Conceptual Habitat Mitigation and Monitoring Plan

All the second of the second

- F. Final Basis of Design Report Sunrise Powerlink 230kV &500kV Access Roads and Maintenance Pads
- G. SDG&E Access Road Maintenance Guidelines
- H. SDG&E Water Quality Construction Best Management
 Practices Manual
 - I. SDG&E Design and Procedure Manual
 - J. Sunrise Powerlink Project Mitigation and Monitoring
 Compliance Plan

· Property and the second of t

ENCLOSURE 7





United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services Carlsbad Fish and Wildlife Office 6010 Hidden Valley Road, Suite 101 Carlsbad, California 92011



In Reply Refer To: FWS-SDG/IMP-08B0243-11F0130

2010

Colonel R. Mark Toy U.S. Army Corps of Engineers Los Angeles District P.O. Box 532711 Los Angeles, California 90053-2325

Attention:

Shanti Santulli

Subject:

Formal Section 7 Consultation for the Construction and Long-Term Operations

and Maintenance Program for the Sunrise Powerlink Project, Imperial and

San Diego Counties, California

Dear Colonel Toy:

This document transmits our biological and conference opinion based on our review of the proposed Sunrise Powerlink Project (SRPL Project) and its effects on the federally threatened coastal California gnatcatcher (Polioptila californica californica, "gnatcatcher") and its designated critical habitat; the federally endangered least Bell's vireo (Vireo bellii pusillus, "vireo"), Quino checkerspot butterfly (Euphydryas editha quino "Quino") and its designated critical habitat, Peninsular bighorn sheep (Ovis canadensis nelsoni, "PBS") and its designated critical habitat, and arroyo toad [Anaxyrus californicus (B. microscaphus c.)] and its proposed critical habitat; and the federally proposed flat-tailed homed lizard (Phrynosoma mcallii, "FTHL"), in accordance with section 7 of the Endangered Species Act of 1973 (Act), as amended (16 U.S.C. 1531 et seq.). We initiated formal consultation on October 20, 2010, the date we received your request.

Your agency determined that the proposed project is not likely to adversely affect the vireo. We believe the project will remove sufficient riparian habitat to adversely affect vireo, though we concur that the project will not result in incidental take of vireo based on the measures being implemented by the project applicant, SDG&E, to avoid and minimize impacts to this species. Thus, we have included vireo as one of the species covered by this consultation.

This biological and conference opinion is based on information provided in the Biological Assessment for the Sunrise Powerlink Project dated October 2010 and other extensive information available in our files for the SRPL Project. The complete project file addressing this consultation is maintained at the Carlsbad Fish and Wildlife Office.



The SRPL Project includes construction and operations and maintenance (O&M) by SDG&E of a new 188-kilometer (km) [117-mile (mi)] transmission line and related facilities in Imperial and San Diego counties. SDG&E has applied to your agency, the U.S. Army Corps of Engineers (Corps), to discharge fill material into waters of the U.S. to construct and operate and maintain the SRPL Project. Authorization is sought through Nationwide Permit (NWP) 12, which addresses utility line activities, and NWP 3, which addresses maintenance of existing facilities. Construction and O&M of the SRPL Project will affect federally listed and proposed endangered and threatened species and associated designated and proposed critical habitats as identified above. The proposed action by the Corps addressed by this formal consultation is the issuance of 135 permits under NWP 12 and additional permits under NWP 3 to facilitate construction and O&M of the SRPL Project.

On November 10, 2010, we issued a biological and conference opinion to the Bureau of Land Management (BLM) and the U. S. Forest Service (USFS) addressing the SRPL Project. The SRPL Project affects lands under the jurisdiction of these two Federal agencies. Our formal consultation with these two agencies and SDG&E, as the non-Federal agency lead representative, addressed impacts to federally listed endangered, threatened, and proposed species and their associated designated and proposed critical habitats within an action area covering the entire SRPL Project (i.e., private and public lands).

In our 2010 biological and conference opinion issued for the SRPL Project as a result of our consultation with the BLM and USFS, we concluded that the effects of the SRPL Project and the level of anticipated take in the action area were not likely to result in jeopardy to the gnatcatcher, vireo, Quino, arroyo toad, PBS, or FTHL or to result in destruction or adverse modification of designated critical habitat for the gnatcatcher, Quino, and PBS or proposed critical habitat for the arroyo toad. Your proposed action to issue permits under NWP 12 and NWP 3 are for the same project evaluated in our 2010 biological and conference opinion — that is, all activities proposed to take place in waters of the U.S. were evaluated as part of the analyses conducted for construction of the project as a whole; thus, we do not anticipate issuance of permits by the Corps for the SRPL Project to result in any additional adverse effects to the federally listed species or designated or proposed critical habitats evaluated in the 2010 biological and conference opinion for the SRPL Project.

No incidental take of vireo or PBS was identified by the 2010 biological and conference opinion or exempted within the incidental take statement. No incidental take of gnatcatcher, Quino, arroyo toad, or FTHL beyond that anticipated in the opinion will occur as a result of the Corps' proposed action. Therefore, it is our conclusion that issuance of NWPs by the Corps to facilitate construction and O&M of the SRPL Project is not likely to result in jeopardy to the gnatcatcher, vireo, Quino, arroyo toad, PBS, or FTHL or to result in destruction or adverse modification of designated critical habitat for gnatcatcher, Quino, and PBS or proposed critical habitat for arroyo toad.

By this consultation, we are extending to the Corps the take coverage for gnatcatcher, Quino, arroyo toad, and FTHL already provided to the BLM, USFS, and SDG&E under the incidental take statement in the 2010 biological and conference opinion. A copy of the 2010 biological and conference opinion, including the incidental take statement, was provided to your agency on November 22, 2010.

This concludes formal consultation and conference on the proposed action. As provided in 50 CFR §402.16, reinitiation of formal consultation is required where discretionary Federal agency involvement or control over the action has been retained (or is authorized by law) and if: 1) the amount or extent of incidental take is exceeded; 2) new information reveals effects of the proposed action that may affect listed species or critical habitat in a manner or to an extent not considered in this opinion; 3) the agency action is subsequently modified in a manner that causes an effect to listed species or critical habitat that was not considered in this opinion; or 4) a new species is listed or critical habitat is designated that may be affected by the proposed action. In instances where the amount or extent of incidental take is exceeded, any operations causing such take must cease pending reinitiation.

If you have any questions regarding this biological or conference opinion, please contact Karen Goebel or Eric Porter of this office at (760) 431-9440.

Sincerely,

Karen A. Goebel

Assistant Field Supervisor

Kach a. Brocksel

Enclosure

cc:

Sean Skaggs, SDG&E Don Haines, SDG&E Ed Pert,CDFG Erin Wilson, CDFG and sales of great the con-

in tanding of the second as the second of th

ENCLOSURE 8

Enclosure 8

Transfer Statement

To validate the transfer of this nationwide permit verification from the current permittee to a transferee, pursuant to nationwide permit General Condition 25 described

permittee to a transferee, pursuant to hattorivide permits contact below, the following steps must be completed. The transferee must add their contact information to the Name of Transferee block below and must sign and date this Transfer Statement. The completed Transfer Statement and a copy of the original nationwide permit verification then must then be mailed to the Corps of Engineers. Receipt of this information by the Corps of Engineers completes the transfer process.
Current Nationwide Permit Verification
Permit Number:
Date of Issuance:
Name of Permittee:
General Condition 25. Transfer of Nationwide Permit Verifications states
"When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below."
Your signature below, as transferee, indicates that you accept and agree to comply with all terms and conditions of this nationwide permit authorization
Name of Transferee:
(Transferee)