



A  Sempra Energy utilitySM

CONSTRUCTION GENERAL PERMIT- STORM WATER POLLUTION PREVENTION PLAN

(In Compliance with SWRCB Order No. 99 - 08 – DWQ, (NPDES)
General Permit No. CAS000002 (WDRs) for
Discharges of Storm Water Runoff Associated with Construction Activity)

Sunrise Powerlink Mountain Springs Grade 500kV line in Imperial County, CA **WDID: 7 13C356373**

Work Order/Request No:

GPS Coordinates: Lat. 32° 43' 12.0", Long. -116° 03' 26.0" »

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December 15, 2009

This Document Must Be Returned to Linda Collins – CP22C at Job Completion

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ATTACHMENTS

ATTACHMENT I

- Notice of Intent (NOI) (including the vicinity map)
- Proof of Mailing
- WDID Receipt Letter
- Annual Compliance Certification (if needed)
- Notice of Termination (NOT)
- Notice of Termination Confirmation (SWRCB Letter)
- Post Construction BMP Type, Description, Location, and Inspection & Maintenance Requirements (if required)

ATTACHMENT II

(SWRCB) Order No. 99 - 08 – DWQ, NPDES General Permit No. CAS000002, WDRs for Discharges of Storm Water Runoff Associated with Construction Activity

ATTACHMENT III

- Run-off Coefficient Calculations
- Run-on Calculations

ATTACHMENT IV

- Potential Materials Used or Stored
- List of Potential Hazardous/Non-Hazardous Materials Planned to be Used or Stored

ATTACHMENT V

- SDG&E BMP Descriptions and Implementation
- SDG&E Vault Dewatering Standard Practice

ATTACHMENT VI

- Analytical Results & Documentation
- Noncompliance Reports
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ATTACHMENT VIII

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ATTACHMENT IX

- List of Responsible Parties
 - Permit Compliance
 - Permit Monitoring
 - Inspection Personnel
 - Non-Storm Water Management
 - Post-Construction BMPs
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ATTACHMENT IX (continued)

List of Responsible Parties (continued)
SWPPP Implementation Responsibilities
Certifications
Project Contractors & Sub-Contractors List

ATTACHMENT X

SWPPP Inspection Checklists
Rain-Event Checklist
Non-Rain-Event Checklist

ATTACHMENT XI

SWPPP Training
SWPPP Preparer
SWPPP Training Roster

ATTACHMENT XII

Construction Activities Checklist
BMP Selection Worksheet
BMP Site Map Information List
BMP Site Map

December 15, 2009

1.0 SWPPP CERTIFICATION

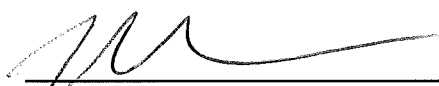
(SWRCB Order No. 99 - 08 - DWQ, (NPDES) General Permit No. CAS000002 (WDRs)
for Discharges of Storm Water Runoff Associated with Construction Activity)

**Sunrise Powerlink Mountain Springs Grade
500kV line along Mountain Springs Grade near Interstate 8
Imperial County, California**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed:



Robert C. Jackson

Date

12/10/09

General Manager and Director Construction
& Engineering Sunrise

San Diego Gas and Electric Company

Company

2.0 PROJECT INFORMATION

2.1 OVERVIEW

San Diego Gas & Electric (SDG&E) is dedicated to providing for the energy needs of its customers through the transmission and distribution of electrical services. The need to maintain existing facilities and to construct new facilities in support of new development is the primary impetus for SDG&E construction projects.

These construction activities may take place anywhere within the service areas of the company and can generally be separated into two categories: linear and non-linear projects. Non-linear projects typically have very localized and contiguous areas of soil disturbance, for example when a new substation or compressor station is constructed. Linear projects, such as the laying of new electric lines, tend to have low impacts of short duration along very narrow corridors of land.

This Storm Water Pollution Prevention Plan (SWPPP) covers a construction project named:

Sunrise Powerlink – Mountain Springs Grade

This project includes the following related Work Order/Request numbers:

The goal of this SWPPP is to protect overall water quality during construction activities. Construction activities could potentially affect water quality by the storage and handling of various construction-related materials as well as by causing soil erosion or sedimentation. With the implementation of the Best Management Practices (BMPs) outlined in this plan, the potential for the transport of contaminants or sediment to receiving waters will be minimized.

2.2 PROJECT CHARACTERISTICS

2.2.1 Project Location

This project is located at:

500kV loop along the Mountain Springs Grade near Interstate 8
Imperial County, California
Lat. 32° 43' 12", Long. -116° 03' 26"

The proposed project is located in the western portion of Imperial County, California (Figure 1, Attachment XII). The proposed project traverses approximately 7.5 miles of future 500 kilovolt (kV) electric transmission line extending from the Imperial Valley floor into the mountains. The elevation change over this length is approximately 2,500 feet. The entire project area is contained

within SDG&E's existing fee-owned Right-of-Way (ROW) or easements. Land uses within the ROW include designated open space, vacant lands, interstate highway and public utility uses.

2.2.2 Project Description

The foundations for a total of 21 new steel poles will be installed along a 7.5 mile corridor. Due to restrictions on helicopter use by government agencies, the project is limited to conducting work from October through December. Only the foundations, not the poles or transmission lines, will be installed during this time window in 2009. Therefore, this SWPPP will only cover the foundation installation. A separate SWPPP will be prepared for the pole and transmission line installation to be conducted in future years. This current SWPPP also does not include the rest of the Sunrise Powerlink project, of which the Mountain Springs Grade project is a part.

Crews will access the proposed sites by helicopter, including the transport of all necessary equipment and materials by helicopter. The project will include minimal vegetation clearing, primarily consisting of cacti. Equipment and materials, including concrete, will be brought in by helicopter to install approximately 8 inch diameter microfoundations or micropiles using a platform mounted drill rig. The drilled foundation holes will be filled and finished at or near grade level. Approximately 16 to 24 microfoundations will be installed at each pole site. Based on this small footprint, the project will generally not include grading or changes in existing topography. There will also be minimal soil disturbance. Excess soil will be used onsite to support the foundations, repair the ground surface disturbed during foundation installation or spread on the nearby ground surface. Should spoil be stockpiled temporarily, stockpiles will be covered nightly, and located in flat areas away from the edges of slope or vegetated areas. Cacti will be replanted as close as reasonable to pre-existing locations.

Construction of the foundations is anticipated to begin in October 2009 and be completed by December 31, 2009.

2.2.3 Soil Disturbance and Total Area Estimate

The total project construction area is approximately 0.8 acres or 33,600 square feet. The potential soil disturbance area for this project is approximately 0.8 acres. This estimate considers the entire 40 feet by 40 feet work area at each location to be potential disturbed by construction activities. There will not be a dedicated laydown yard for this project since equipment and materials will be flown directly to the work location when they are brought onsite.

2.2.4 Site Imperviousness

Approximately 0% of the site is paved. Runoff coefficient calculations and run-on flow calculations are found in Attachment III. Approximately 0.5% of the site will be impervious after construction due to the placement of concrete microfoundations for the new poles and, therefore, site imperviousness will be changed.

2.3 RECEIVING WATERS

Based on a review of available topographic maps, there will be no receiving water bodies crossed by the project, but storm water from these pole sites would discharge toward Boulder Creek, Myer Creek and an unnamed wash in Devils Canyon that discharge into the Imperial Valley floor.

There are no receiving waters that have been identified as an impaired water body segment on the SWRCB's 303(d) list for "sedimentation/siltation", "sedimentation", "siltation" or "turbidity".

Storm water from this project does not directly discharge to a surface water that is impaired (i.e., other than through a municipal separate storm water sewer system (MS4) or a tributary).

2.4 WETLANDS

No impacts to wetlands are anticipated.

2.5 CONSTRUCTION, BMP IMPLEMENTATION AND MAINTENANCE SCHEDULES

Linear projects typically are constructed in sections and move sequentially along the path of the project. Accordingly, applicable BMPs are to be installed concurrently with the initiation of work and as work progresses at each location and will be routinely inspected and maintained. Construction is expected to begin in approximately October or November 2009 and the project is expected to be completed by December 31, 2009. Sediment controls will be utilized during the non-rainy season. A combination of erosion and sediment controls will be used during the rainy season. The rainy season is from October 1 through May 1.

The schedule for the inspections and maintenance of the post-construction BMPs is included in Attachment I.

Post-construction erosion-control BMPs will be installed on the workpads to prevent erosion after the project is completed in accordance with the engineering grading designs in Appendix XII.

2.6 SITE MAPS AND DIAGRAMS

The Vicinity Map is included in the Notice of Intent in Attachment I. The BMP site map is included in Attachment XII.

The BMP site map will show:

- Construction site perimeter and construction locations;
- General topography;
- Any adjacent receiving waters;

- Water drainage patterns, including direction of water flow (i.e., using arrows);
- Sources of on-site contamination from historic usage that may contribute pollutants to storm water;
- Site access;
- Storm drain inlets;
- Discharge locations to MS4s and water bodies;
- Non-storm water discharges;
- Type of BMP implemented, current and historical BMP locations;
- Storage for soil or waste;
- Construction material laydown areas;
- Vehicle storage and service;
- Equipment storage, cleaning and maintenance;
- Storm water sample locations, when required; and
- Post-construction BMPs, when required.

3.0 POTENTIAL POLLUTANT SOURCE IDENTIFICATION

3.1 DESCRIPTION OF CONSTRUCTION ACTIVITIES

Appendix XII contains a checklist that identifies the construction activities that are expected to occur on this project.

3.2 POTENTIALLY HAZARDOUS MATERIALS ASSOCIATED WITH CONSTRUCTION ACTIVITIES

Most of the potentially hazardous materials are associated with the operation and maintenance of vehicles and equipment such as fuel, oil, grease, and antifreeze. Each of these materials is classified as a visual pollutant, and spills involving the release of these materials are addressed in section 7.2.1 of SDG&E's sampling plan for visual pollutants.

Other potential sources of pollutants of concern that may be present are listed in Attachment IV. Though these potentially hazardous materials may be present on-site, the amount of material will be limited due to the mobile and limited nature of the installation activities.

3.3 NON-HAZARDOUS MATERIALS ASSOCIATED WITH CONSTRUCTION ACTIVITIES

Non-hazardous materials that may be present on-site during construction are listed in Attachment IV. Most of the non-hazardous materials are associated with the disturbance of soil and re-surfacing activities such as spoils storage and concrete work.

4.0 BMPS FOR STORM WATER POLLUTION PREVENTION

4.1 SPECIFIC BMPS FOR SEDIMENT CONTROLS

Sediment particles (soil/dust) from utility activities can be transported to a different location by wind or water flow. Sediment controls are usually methods that trap the soil particles after they have detached and have been moved by wind or water. BMPs include passive systems that rely on filtering or settling the particles out of the water that is transporting them.

Descriptions of the standard SDG&E BMPs for sediment control are provided in Attachment V. A summary checklist included in Attachment XII lists the BMPs anticipated to be used during this construction project.

4.2 SPECIFIC BMPS FOR WASTE MANAGEMENT AND MATERIAL CONTROLS

The release of materials at a site can result in the discharge of contaminated storm water to storm drains and surface waters. Sediment and other pollutants, such as litter, paint, solvents, fuel, lubricants, and demolition wastes, can be carried away from a construction site in storm water runoff. Therefore, BMPs are to be used for construction related activities that could cause a release of pollutants to avoid degradation of surface waters.

Descriptions of the standard SDG&E BMPs for waste handling, disposal areas, methods of on-site storage, disposal of construction materials and construction waste are provided in Attachment V. A summary checklist included in Attachment XII lists the BMPs anticipated to be used during this construction project.

4.3 SPECIFIC BMPS FOR NON-STORM WATER DISCHARGE CONTROLS

All non-storm water discharges are required to be controlled. BMPs must be implemented for construction related activities that are potential sources of discharges other than storm water.

If performed on the project, non-storm water discharges may need to be covered under additional permits. If necessary, SDG&E would likely obtain coverage for the vault dewatering discharge under San Diego Regional Water Quality Control Board Order No. R9-2008-0002, General Waste Discharge Requirements for Discharges from Groundwater Extraction and Similar Discharges to Surface Waters Within the San Diego Region Except for San Diego Bay. The CPUC and BLM will be notified prior to any planned discharges.

This SWPPP requires non-storm water discharges to be inspected during discharge.

Descriptions of the standard SDG&E BMPs for non-storm water discharge controls are provided in Attachment V. A summary checklist included in Attachment XII lists the BMPs anticipated to be used during this construction project.

4.4 SPECIFIC BMPS FOR EROSION CONTROL AND SOIL STABILIZATION

Erosion is the detachment of soil from existing landscapes by water or wind. Erosion is a natural process that can be accelerated by construction activities such as grading and trenching. For example, when a site is cleared and grubbed, protective vegetation is removed and the disturbed soil is directly exposed to wind and water. Erosion controls protect the soil surface and prevent the soil particles from being detached by rainfall or wind. BMPs for erosion control include soil stabilization. Specifically, areas of soil disturbance will be replanted with cacti at the completion of construction to match closely the original condition of each pole location. In accordance with the requirements of the construction general storm water permit, these areas will be monitored until conditions sufficient for permit closure have been achieved.

Descriptions of the standard SDG&E BMPs for erosion control and soil stabilization are provided in Attachment V. A summary checklist included in Attachment XII lists the BMPs anticipated to be used during this construction project.

4.5 SPECIFIC BMPS FOR STREAMBED DISCHARGES AND CROSSINGS

Direct discharges to a streambed and alterations of the streambed and/or streambank are not anticipated on this project.

If conducted, direct discharges can adversely alter the channel causing erosion and sedimentation. BMPs for streambed discharges and crossings include minimizing destabilization of soils and restoring streambanks after construction completion. Descriptions of the BMPs for streambed discharges and crossings are provided in Attachment V. A summary checklist included in Attachment XII lists the BMPs anticipated to be used during this construction project.

4.6 POST CONSTRUCTION BMPS

No post-construction BMPs are *required* for this project.

4.7 BMP SELECTION WORKSHEET

The table in Attachment XII lists the BMPs planned for use in this project.

5.0 RESPONSIBLE PARTIES, CHANGES AND AMENDMENTS TO THE SWPPP

5.1 PROJECT/SWPPP RESPONSIBILITIES

The term Owner refers to San Diego Gas & Electric Company (SDG&E) as owner of the utility infrastructure and/or the owner of the property. SDG&E is responsible for the construction project's compliance with this SWPPP and Order 99-08-DWQ. The parties responsible for implementation of this SWPPP are identified in Attachment IX. When the responsibility changes to another party, it must be documented and logged in the Responsible Parties Form.

The SWPPP shall be kept on site during construction activity and made available upon request of a representative of the USEPA, the Regional Water Quality Control Board (RWQCB) and/or local agency. The SWPPP is to be updated and, as applicable, amended as appropriate during the term of the project. The personnel listed in this section will authorize amendments and/or changes to the SWPPP in coordination with the SDG&E Permit Compliance Representative.

The qualified person(s) responsible for ensuring full compliance with the permit and to implement all elements of the SWPPP, including preparation of the annual compliance certification and eliminating all unauthorized discharges is identified in the Notice of Intent (Section VIII-c) found in Attachment I.

A table identifying the responsible person(s) for SWPPP implementation is included in Attachment IX.

5.2 CHANGES AND AMENDMENTS

The SWPPP will be amended whenever:

- There is a change in construction or operations which may affect the discharge of pollutants to surface waters, ground waters, or a municipal separate storm sewer system (MS4);
- The discharge violates any condition of this General Permit or has not achieved the general objective of reducing or eliminating pollutants in storm water discharges;
- The RWQCB determines that the discharger is in violation of the General Permit (when this is the case, the SWPPP must be implemented in a timely manner, but in no case later than 14-calendar days after notification by the RWQCB); or
- The RWQCB or local agency with the concurrence of the RWQCB requires the discharger to amend the SWPPP.

The monitoring and reporting requirements in this SWPPP (Sections 6.0 and 7.0) will be amended whenever:

- Site conditions or construction activities change such that a change in monitoring is required to comply with the requirements and intent of this General Permit.

- The Regional Water Quality Control Board (RWQCB) requires the discharger or duly authorized representative to revise its monitoring and reporting program based on its review of the document.
- The RWQCB requires additional monitoring and reporting program requirements including sampling and analysis of discharges to water bodies that are listed as impaired for sedimentation/siltation or turbidity.

Whenever the need to amend a portion(s) of the SWPPP arises, the amendment needs to be described in the Amendments Log in Attachment VIII.

Changes to the SWPPP that do not require an amendment of the SWPPP as described above, will be described, dated and initialed in the SWPPP and will not be logged in the Amendments Log.

5.3 POST-CONSTRUCTION BMPS RESPONSIBLE PARTY

The maintenance of the microfoundations and any associated post-construction BMPs identified in the engineering design drawings will be the responsibility of SDG&E Maintenance staff.

6.0 INSPECTION, MAINTENANCE, REPORTING AND RECORD KEEPING

6.1 INSPECTION AND MAINTENANCE

The General Construction NPDES Permit requires regular inspections of a site and inspections before, during, and after storm events. All BMPs and storm water discharge locations, including those for disturbed areas, areas of material storage, locations where vehicles enter or exit the right-of-way, and all erosion and sediment controls must be inspected. The inspector should identify areas contributing to a storm water discharge, evaluate whether existing BMPs are properly installed and functioning adequately, and evaluate whether additional control practices or maintenance activities are needed. **Problem areas must be documented and control measures identified and implemented immediately.**

The personnel identified in this SWPPP shall ensure that the BMPs outlined in this SWPPP are being adequately implemented and maintained to prevent potential pollutants from affecting receiving waters during construction. Personnel responsible for conducting inspections are identified in the Responsible Parties Form in Attachment IX. Inspections are required in all project areas until all disturbed areas are stabilized and temporary construction BMPs have been removed. Areas with no exposure of potential pollutants do not need to be inspected.

6.2 INSPECTION FREQUENCY

The storm water inspections shall have the following frequency:

- Rain events - Documented inspections shall be conducted before a predicted storm event, at 24-hour intervals during extended rain events, and after a storm event.
- Regular inspections (i.e., not associated with rain events) should be conducted once a week during the rainy season (October to May) and monthly during the non-rainy season.
- Inspections of non-storm water discharges will be conducted during discharges.

BMP maintenance and apparent failure should be addressed when identified. Significant failures or problems that resulted in a potential discharge must be documented and promptly reported to the Permit Compliance Representative.

6.3 INSPECTION FORMS

Written inspection checklists need to be completed using forms provided in this SWPPP (see Attachment X). Written inspection records shall have at a minimum, the following information:

- The date of the inspection.
- Weather information: best estimate of beginning of storm event, duration of event, time elapsed since last storm, and approximate amount of rainfall (inches).
- A description of any inadequate BMPs.

- When it is possible to safely access the site during inclement weather, list observations of all BMPs: erosion controls, sediment controls, chemical and waste controls, and non-storm water controls.
- When it is not possible to safely access the site during inclement weather, list observations of visual inspection at relevant outfall, discharge point, or downstream location and projected required maintenance activities.
- Corrective actions required, including any necessary changes or amendments to be made to the SWPPP, and the date the corrective actions were implemented.
- Inspector's name, title, and signature.

Written inspection checklists will be completed in order to fulfill storm water permit requirements and inserted into Attachment X. These checklists are also required for preparation of the annual compliance certification (see Section 6.5).

6.4 REPORTING PROCEDURES

6.4.1 Internal Reporting

Any failures of BMPs that result in a potential discharge of soil or other non-storm water pollutants shall be immediately reported to the Permit Compliance Representative listed in Attachment IX. The Permit Compliance Representative will be identified at the start of construction and Attachment IX will be updated as necessary throughout the project. The Permit Compliance Representative will perform necessary external reporting, including notification of the CPUC and BLM.

6.4.2 Noncompliance Reporting

Exceedances of Water Quality Standards

The Permit Compliance Representative shall notify the appropriate RWQCB when storm water discharges and/or nonstorm water discharges are causing or contributing to an exceedance of an applicable water quality standard. Corrective measures must be implemented immediately. The applicable RWQCB will be notified by telephone **as soon as possible but no later than 48 hours** after the discharged has been discovered followed by a written report **within 14 calendar days**. The report will describe:

- The nature and cause of the exceedance;
- The BMPs currently being implemented;
- Any additional BMPs that will be implemented;
- Any maintenance or repair of BMPs; and
- The implementation schedule for the corrective actions.

The Permit Compliance Representative will also notify the CPUC and BLM in addition to the RWQCB in these cases.

Anticipated Non-Compliance

The discharger or authorized representative will give advance notice to the appropriate RWQCB office **and** local storm water management agency of any planned changes in the construction activity, which may result in noncompliance with General Permit requirements.

The Permit Compliance Representative will also notify the CPUC and BLM in addition to the RWQCB in these cases.

Other Noncompliance Events

The Permit Compliance Representative shall notify the appropriate RWQCB of all other instances of noncompliance **within 30 days** of identification. Corrective measures shall be implemented immediately. The noncompliance notification shall identify the:

- Noncompliance event;
- Initial assessment of any impact;
- Description of actions necessary to achieve compliance; and
- Time schedule indicating when compliance will be achieved.

The Permit Compliance Representative will also notify the CPUC and BLM in addition to the RWQCB in these cases.

6.5 ANNUAL COMPLIANCE CERTIFICATION

If the project is scheduled to continue through July 1st, an annual certification that the project is in compliance with the General NPDES Permit must be completed prior to June 30 and will be retained in the SWPPP in Attachment I. **Note that if the SWRCB will not have approved the Notice of Termination (NOT) by June 30, an annual compliance certification must be prepared.** When certification of compliance cannot be made, the RWQCB must be notified within 30 days, with the following information:

- Noncompliance event;
- Initial assessment of any impact;
- Description of actions necessary to achieve compliance; and
- Time schedule indicating when compliance will be achieved.

6.6 RECORD KEEPING

All of the documents and records identified in the SWPPP Attachments, including, but not limited to all of the following records, will be kept with the SWPPP and be available for review:

- BMP Site Map;
- State Water Resources Control Board (SWRCB) Order No. 99 - 08 – DWQ National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000002
- Training rosters;
- Records of spills, leaks, or overflows;
- Inspection checklists;
- Photographs taken;

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- Results of field measurements and laboratory analyses; and
- Annual Compliance Certifications.

The Owner shall retain all of the above records including the NOI and NOT approval, for at least three years from the date of the SWRCB's NOT approval.

7.0 SAMPLING

7.1 BACKGROUND

Storm water sampling is required under specific circumstances by construction stormwater general NPDES permits in California. The purpose of the sampling is to evaluate the effectiveness of the Best Management Practices (BMPs) that have been implemented on the project.

Sampling may be required on construction projects for two categories of pollutants. These categories are:

- “Sedimentation/Siltation, Sediment or Turbidity”; and
- “Non-visible Pollutants”.

These two categories have different criteria for determining what is sampled and when sampling is required and these criteria are described in subsequent sections of this Sampling Plan. This Sampling Plan (i.e., Section 7 and Attachment VII) have been developed to provide the information necessary to conduct any sampling that is required during the time period that this project is covered by the construction storm water permit.

During this project, this Sampling Plan should be revised as necessary to address changes in field conditions or project scope.

7.2 EVALUATION OF SAMPLING REQUIREMENTS

7.2.1 Sedimentation/Siltation, Sediment or Turbidity

The General Permit requires projects to develop, implement and maintain an effective combination of erosion control and sediment control BMPs to prevent soils, sediments, debris and solids, fine enough to remain suspended, from leaving the construction site and moving into receiving waters at levels above preconstruction levels.

The General Permit requires the discharger to perform visual monitoring (i.e., inspections) of the site for pollutants that are visible in runoff. Visible pollutants, such as spills, will be identified and addressed during visual monitoring. These visible pollutants will be addressed immediately, in which case storm water sampling should not apply. No sampling and analysis is required for sedimentation/ siltation, sediment, or turbidity unless there is a direct discharge to a water body that has been listed as being impaired by **sedimentation/siltation, sediment, or turbidity** (i.e., the water body is on the CWA Section 303(d) list for one or more of these pollutants). For direct discharges to these listed impaired water bodies, the General Permit requires sampling and analysis for sediment/silt or turbidity.

A discharge is considered **direct** when storm water runoff enters the impaired water body or impaired segment of a water body without first commingling with storm water from other sources. Construction site runoff that flows through a tributary or storm drainage system **and** is commingled with other sources of flow, is not considered a **direct** discharge even if the flow eventually enters an impaired water body.

7.2.1.1 Identification of Direct Discharges to Impaired Water Bodies

The following water bodies are the receiving waters for this project.

The proposed project will not directly discharge to any water bodies but will discharge over land to these three water bodies in the Coyote Wells Valley Basin (7-29):

- Boulder Creek (Figure 1, Attachment XII)
- Myer Creek (Figure 1, Attachment XII)
- Unnamed wash from Devils Canyon (Figure 1, Attachment XII)

The following water body is listed as being impaired for sedimentation/siltation, sediment, or turbidity:

- None

This project will not have any direct discharges to water bodies that are impaired for sedimentation/ siltation, sediment, or turbidity, therefore sediment sampling is not required.

7.2.1.2 Sampling Details

This section is not applicable to this project.

Discharge Location

Following is a description (and it is also marked on the Site Map in Attachment XII) of the location of the direct discharge of construction stormwater runoff from this project to the impaired water body:

Not applicable.

Sample Locations

Upstream: Following is a description (and it is also marked on the Site Map in Attachment XII) of the designated sampling location in the listed water body that represents the prevailing conditions upstream of the discharge:

Not applicable.

Downstream: Following is a description (and it is also marked on the Site Map in Attachment XII) of the designated sampling location in the listed water body that represents the prevailing conditions downstream of the discharge:

Not applicable.

Discharge: Following is a description (and it is also marked on the Site Map in Attachment XII) of the designated sampling location in the discharge that represents the discharge:

Not applicable.

Sampling Design

Analytical method(s) to be used: Following is a description of the laboratory method(s) to be performed on the samples:

Not applicable.

Sampling devices: Following is a description of the sampling devices that will be used:

Not applicable.

Sample size: Following is a description of the sample size (volume) to be collected in each sample:

Not applicable.

Number of Samples: Following is a description of the number of samples to be taken at each sampling location during each sampling event:

Not applicable.

Samples to be taken: When sampling is required, samples will be taken:

- During the first two hours of runoff from the storm when this sampling can be conducted during daylight hours (sunrise to sunset);
- On any day of the year (i.e., including weekends and holidays);
- During each rain event, but not more than 4 sample events per month;
- Only when it is safe to do so;
- At locations identified in Table 1 in Attachment VII; and
- Using sampling devices and equipment identified in Table 2 in Attachment VII.

Sampling Procedure

Sampling for visible pollutants is not required for this project. Follow the sampling procedure identified in Attachment VII.

7.2.2 Non-Visible Pollutants

The General Permit requires construction projects to develop, implement and maintain effective BMPs to control pollutants present on-site (i.e., from historical land uses, run-on and construction related pollutants) from contaminating storm water runoff.

Sampling and analysis of pollutants that are not visible in storm water runoff is required regardless of whether the receiving water body is impaired. Sampling is triggered when pollutants are exposed, come into contact with storm water and the storm water is not contained on-site. Sampling is required for pollutants that are known or should be known to occur on the construction site.

Following are some examples of when sampling is required:

- There is contaminated run-on that is suspected of containing pollutants that can cause or contribute to the exceedance of a water quality objective;
- Historical pollutants are disturbed by the construction activities, exposed to storm water and can run off the construction site;
- Construction materials and compounds are stored or applied in such a way that they may come in contact with storm water runoff;
- Soil amendments or soil treatments are used that can come into contact with storm water runoff and will cause or contribute to an exceedance of a water quality standard;
- A spill or breach of a containment system occurs and the released pollutants are not completely cleaned up prior to the next rain event;
- A spill or breach of a containment system occurs during a rain event and the released pollutants are not contained on-site; or
- It is discovered that cover and containment BMPs have been compromised and storm water comes into contact with materials resulting in runoff discharging to a storm drain or water body.

The following conditions do not trigger sampling for non-visible pollutants:

- When construction takes place entirely during a period of time when there are no rainfall events (scheduling construction to occur outside of the rainy season is the most effective BMP);
- Where a construction project is “self-contained”, meaning that the project generates no runoff or any potential discharges containing pollutants, including no potential for tracking sediment off-site from vehicle tires, and no potential for discharging products of wind erosion;
- Where construction materials and compounds are kept or used so that they are not in contact with storm water (e.g., in water-tight containers, under a water-tight roof, inside a building, etc.);
- Where for specific pollutants, the BMPs implemented at the construction site fully contain the exposed pollutants (e.g., bermed concrete washout area);
- For building, landscaping and BMP materials that are in their final constructed or in-place form or are designed for exposure (e.g., fence materials, support structures and equipment that will remain exposed at the completion of the project, etc.);

- Where pollutants may have been spilled or released on site, but have been properly cleaned up and storm water exposure has been eliminated prior to a storm event; and
- For stockpiles of construction materials for which both cover and/or containment BMPs have been properly implemented to protect them from run-on and from contributing pollutants to storm water.

7.2.2.1 Pollutant Identification

Identification of Sampling for Historical Pollutants

This project is generally being conducted on previously disturbed land, but these areas were previously disturbed for the purpose of pole pad construction. Some existing pole pads will be expanded into previously undisturbed areas and some new pole pads will be located in previously undisturbed areas. No historical pollutants that would be non-visible in storm water runoff were identified that can cause or contribute to an exceedance of a water quality objective.

No sampling is required on this project for historical pollutants unless new information is found during the project that identifies historical pollutants that can cause or contribute to an exceedance of a water quality objective.

Identification of Sampling for Construction Material Pollutants

This project will implement BMPs that will prevent contact of storm water with all construction materials and other sources of construction pollutants that would be non-visible in storm water runoff.

No sampling is required for construction materials or other sources of construction pollutants since BMPs will be used on this project to prevent exposure of storm water to construction pollutants (or the release of the contaminated storm water).

Contingency Sampling

Sampling for pollutants that are non-visible in storm water will be conducted in the following situations:

- a spill occurs prior to a rain event but is not completely cleaned up prior to the next rain event;
- a BMP fails during a rain event and exposes pollutants to storm water; or
- a containment fails or a spill occurs during a rain event.

This sampling will be conducted on a “per event basis” only.

7.2.2.2 Sampling Details

Discharge Location

Following is a description (and it is also marked on the Site Map in Attachment XII) of the discharge location(s) for known “historic”, “run-on” and “construction material” discharges that require sampling:

Not applicable.

Sample Locations

Background/Uncontaminated Sample: Following is a description (and it is also marked on the Site Map in Attachment XII) of the location of the background/ uncontaminated sampling location(s) for known “historic”, “run-on” and “construction material” sampling required for this project:

Not applicable.

Discharge Sample: Following is a description (and it is also marked on the Site Map in Attachment XII) of the designated discharge sampling location for known “historic”, “run-on” and “construction material” sampling required for this project:

Not applicable.

Contingency Samples: The background/uncontaminated sample will be collected from a location that is not affected by event triggering the sampling. The discharge sample will be collected from a point downgradient from the event triggering the sampling and prior to discharge from the project site.

Actual sample locations will be recorded in Table 3 of Attachment VII.

Sampling Design

Analytical method(s) to be used: Following is a description of the laboratory method(s) to be performed on the samples:

To be identified in Table 4 in Attachment VII, when sampling is required, based on the pollutant released.

Sampling devices: Following is a description of the sampling devices that will be used:

To be identified in Table 4 in Attachment VII, when sampling is required, based on the pollutant released.

Sample size: Following is a description of the sample size (volume) to be collected in each sample:

To be identified in Table 4 in Attachment VII, when sampling is required, based on the pollutant released.

Number of Samples: Following is a description of the number of samples to be taken at each sampling location during each sampling event:

To be identified in Table 4 in Attachment VII, when sampling is required, based on the pollutant released. Should sampling be required at discharge locations, SDG&E's environmental laboratory will be notified by the SWPPP monitor. Samples will be collected by on-call laboratory analysts, who will also deliver the samples via chain-of-custody to the environmental laboratory.

Samples to be taken: When sampling is required, samples will be taken:

- During the first two hours of runoff from the storm when this sampling can be conducted during daylight hours (sunrise to sunset);
- On any day of the year (i.e., including weekends and holidays);
- During each rain event;
- Only when it is safe to do so;
- At locations identified in Table 3 of Attachment VII or from discharge locations and associated background/ uncontaminated locations for Contingency Sampling (e.g., spills, releases, breach of BMPs); and
- Using sampling devices and equipment identified in Table 4 in Attachment VII.

Data evaluation method to be used: Following is a description of the data evaluation method to be used to determine whether the discharge sample concentrations are considerably above the background/ uncontaminated sample concentrations or another relevant benchmark:

To be determined based on the pollutant(s) released.

Sampling Procedure

Follow the sampling procedure identified in Attachment VII.

7.3 GENERAL CONDITIONS

7.3.1 Laboratory

The analyses required by the General Permit need to be conducted by a laboratory that is certified to conduct analyses under the NPDES permit program.

7.3.2 Analyses

Analyses need to be 40CFR136 approved methods, where applicable.

7.3.3 Training

Only personnel trained in water quality sampling procedures should collect storm water samples. Training for personnel responsible for sampling on this project shall be documented in Attachment XI of the SWPPP.

7.3.4 Data Retention

Retain all sampling and analysis related results and documentation (e.g., training logs, chain of custody forms) in the SWPPP.

7.3.5 Sampling Plan Distribution

Provide a separate copy of this sampling plan to the Laboratory identified in this plan and the responsible SDG&E Permit Compliance Representative.

7.3.6 Emergency Contacts

Emergency contact numbers and a map showing the hospitals closest to the sampling sites are contained in Attachment VII.

8.0 TRAINING

Personnel responsible for implementing this SWPPP have received Construction Storm Water Permit training applicable to their responsibilities. Documentation of this training is found Attachment XI.

The Responsible Parties listed in Attachment IX will be responsible for training persons involved in the installation, inspection, maintenance, and repair of BMPs. The training will, at a minimum, include:

- Discussion of the proper selection of pollution control measures.
- Discussion of the proper installation and maintenance techniques.
- Review of the SWPPP and established BMPs.

All training shall be documented using the attached Training Roster in this SWPPP (See Attachment XI).

ATTACHMENT I

NOTICE OF INTENT (NOI)

PROOF OF MAILING

WDID RECEIPT LETTER

ANNUAL COMPLIANCE CERTIFICATIONS
(if needed)

NOTICE OF TERMINATION

NOTICE OF TERMINATION CONFIRMATION

POST CONSTRUCTION BMP TYPE, DESCRIPTION,
LOCATION, AND INSPECTION & MAINTENANCE
REQUIREMENTS (IF REQUIRED)

SIGNATURE DELEGATION LETTER



Linda S. Adams
*Secretary for
 Environmental Protection*

State Water Resources Control Board

Division of Water Quality

1001 I Street Sacramento, California 95814 (866) 563 3107
 Mailing Address: P.O. Box 1977 Sacramento, California 95812-1977
 FAX (916) 341-5543 Internet Address: <http://www.waterboards.ca.gov>
 Email Address: stormwater@waterboards.ca.gov



Arnold Schwarzenegger
Governor

Approved Date: 09/17/2009

Linda Collins
 San Diego Gas & Electric
 8315 Century Park Ct CP 21 E
 San Diego CA 92123

RECEIPT OF YOUR NOTICE OF INTENT (NOI)

The State Water Resources Control Board (State Water Board) has received and processed your NOI to comply with the terms of the General Permit to Discharge Storm Water Associated with Construction Activity. Accordingly, you are required to comply with the permit requirements.

The Waste Discharger Identification (WDID) number is: **7 13C356373** . Please use this number in any future communication regarding this permit.

OWNER:	SITE DESCRIPTION
DEVELOPER:	San Diego Gas & Electric
SITE INFORMATION:	San Diego Gas & Electric
	Sunrise Powerlink Mountain Springs Grade
	Mountain Springs Rd Exit
	Ocotillo
TOTAL DISTURBED ACRES:	0.8
START DATE:	10/01/2009
COMPLETION DATE:	12/31/2009
COUNTY:	Imperial

When the Owner changes , a new NOI, site map, and fee must be submitted by the new Owner. As the previous owner, you are required to submit a Notice of Termination (NOT) to the local Regional Water Board stating you no longer own or operate the Site and coverage under the General Permit is not required. Unless notified, you will continue and are responsible to pay the annual fee invoiced each July.

If you have any questions regarding permit requirements, please contact your Regional Water Board at 760-346-7491 . Please visit the storm water web site at http://www.waterboards.ca.gov/water_issues/programs/stormwater/ to obtain an NOT and other storm water related information and forms.

Sincerely,

Storm Water Section
 Division of Water Quality



State Water Resources Control Board
NOTICE OF INTENT
 TO COMPLY WITH THE TERMS OF THE
 GENERAL PERMIT TO DISCHARGE STORM WATER
 ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQ ORDER No. 99-08-DWQ)

**I. NOI STATUS (SEE INSTRUCTIONS)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Construction	2. <input checked="" type="checkbox"/> Change of Information for WDID#	7 13C356373
--------------------	--	--	-------------

II. PROPERTY OWNER

Name San Diego Gas & Electric		Contact Person: Linda Collins	
Mailing Address 8315 Century Park Court, CP21E		Title Principal Environmental Specialist	
City San Diego	State CA	Zip 92123	Phone Office: (858) 650-4064 24 hr: (619) 987-2437
Owner Type (check one) 1. <input type="checkbox"/> Private Individual 2. <input checked="" type="checkbox"/> Business 3. <input type="checkbox"/> Municipal 4. <input type="checkbox"/> State 5. <input type="checkbox"/> Federal 6. <input type="checkbox"/> Other			

III. DEVELOPER/CONTRACTOR INFORMATION

Developer/Contractor San Diego Gas & Electric		Contact Person: Linda Collins	
Mailing Address 8315 Century Park Court, CP21E		Title Principal Environmental Specialist	
City San Diego	State CA	Zip 92123	Phone Office: (858) 650-4064 24 hr: (619) 987-2437

IV. CONSTRUCTION PROJECT INFORMATION

Site/Project Name Sunrise Powerlink – Mountain Springs Grade		Site Contact Person: Linda Collins and other(s) to be determined		
Physical Address/Location The New Transmission Line will involve the installation of 8 inch diameter microfoundations at 21 new pole locations near Interstate 8 at the Mountain Springs Road Exit (TB 430-F-8) as it climbs from Imperial Valley into the mountains. There is no site address and the site is located in unincorporated portions of Imperial and San Diego Counties.		Latitude 32°43'12"	Longitude -116°03'26"	County Imperial and San Diego Counties
City (or nearest City) Ocotillo	Zip 92259	Site Phone Number NA	Emergency Phone Number (619) 987-2437	
A. Total size of construction site area: 0.8 Acres	C. Percent of site imperviousness (including rooftops): Before Construction: approximately 0.0% After Construction: approximately 0.5%		D. Tract Number(s): NA	
B. Total area to be disturbed 0.8 Acres	E. Mile Post Marker: NA			
F. Is the construction site part of a larger common plan of development or sale? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		G. Name of plan or development: Sunrise Powerlink		
H. Construction commencement date: 03/01/2010		J. Projected construction dates: Complete grading: 12/15/2010 Complete project: 04/15/2011		
I. % of site to be mass graded: 0%				
K. Type of Construction (Check all that apply): 1. <input type="checkbox"/> Residential 2. <input type="checkbox"/> Commercial 3. <input type="checkbox"/> Industrial 4. <input checked="" type="checkbox"/> Construction 5. <input type="checkbox"/> Transportation 6. <input checked="" type="checkbox"/> Utility Description: Installation of transmission pole foundations 7. Other (Please List):				

V. BILLING INFORMATION

SEND BILL TO: <input checked="" type="checkbox"/> OWNER (as in II. above)	Name San Diego Gas & Electric	Contact Person Linda Collins
<input type="checkbox"/> DEVELOPER (as in III. above)	Mailing Address 8315 Century Park Court, CP21E	Phone: 858-650-4064 Fax: 619-987-2437
<input type="checkbox"/> OTHER (enter information at right)	City San Diego	State CA
		Zip 92123

VI. REGULATORY STATUS

A. Has a local agency approved a required erosion/sediment control plan?..... YES NO
Does the erosion/sediment control plan address construction activities such as infrastructure and structures?..... YES NO
Name of local agency: _____ Phone: () --

B. Is this project or any part thereof, subject to conditions imposed under a CWA Section 404 permit of 401 Water Quality Certification?..... YES NO
If yes, provide details:

VII. RECEIVING WATER INFORMATION

A. Does the storm water runoff from the construction site discharge to (Check all that apply):
1. Indirectly to waters of the U.S.
2. Storm drain system - Enter owner's name:
3. Directly to waters of U.S. (e.g. , river, lake, creek, stream, bay, ocean, etc.)

B. Name of receiving water. Receiving waters are Boulder Creek, Myer Creek and potentially an unnamed creek/wash originating from Devils Canyon. The project is located in the Coyote Wells Valley Basin (7-29).

VIII. IMPLEMENTATION OF NPDES PERMIT REQUIREMENTS

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (check one)

A SWPPP has been prepared for this facility and is available for review: Date Prepared: 8/11/09 Date Amended: ___/___/___
 A SWPPP will be prepared and ready for review by (enter date):
 A tentative schedule has been included in the SWPPP for activities such as grading, street construction, home construction, etc.

B. MONITORING PROGRAM

A monitoring and maintenance schedule has been developed that includes inspection of the construction BMPs before anticipated storm events and after actual storm events and is available for review.
If checked above: A qualified person has been assigned responsibility for pre-storm and post-storm BMP inspections to identify effectiveness and necessary repairs or design changes..... YES NO
Name: Linda Collins and other(s) to be determined Phone: 858-650-4064

C. PERMIT COMPLIANCE RESPONSIBILITY

A qualified person has been assigned responsibility to ensure full compliance with the Permit, and to implement all elements of the Storm Water Pollution Prevention Plan including:
1. Preparing an annual compliance evaluation..... YES NO
Name: Linda Collins and other(s) to be determined Phone: (858) 650-4064
2. Eliminating all unauthorized discharges..... YES NO

IX. VICINITY MAP AND FEE (must show site location in relation to nearest named streets, intersections, etc.)

Have you included a vicinity map with this submittal? YES NO
Have you included payment of the annual fee with this submittal?..... YES NO

X. CERTIFICATIONS

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan will be complied with."

Printed Name: Robert C. Jackson
Signature: _____ Date: 11/16/09
Title: -General Manager & Director - Construction and Engineering Sunrise

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY							
<ul style="list-style-type: none"> Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<table border="1"> <tr> <td>A. Signature SIGNED BY X CAL/EPA MAIL ROOM</td> <td><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</td> </tr> <tr> <td>B. Received by (Printed Name) NOV 30 2009</td> <td>C. Date of Delivery</td> </tr> <tr> <td colspan="2">D. Is delivery address different from Item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 1001 I St., Sacramento, CA 95814</td> </tr> </table>		A. Signature SIGNED BY X CAL/EPA MAIL ROOM	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee	B. Received by (Printed Name) NOV 30 2009	C. Date of Delivery	D. Is delivery address different from Item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 1001 I St., Sacramento, CA 95814	
A. Signature SIGNED BY X CAL/EPA MAIL ROOM	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee							
B. Received by (Printed Name) NOV 30 2009	C. Date of Delivery							
D. Is delivery address different from Item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 1001 I St., Sacramento, CA 95814								
1. Article Addressed to: State Water Resources Division of Water Quality Storm Water Permit Sect P.O. Box 1977 Sacramento, CA 95812	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes							
2. Article Number (Transfer from service label)	7008 3230 0000 4042 3570							
PS Form 3811, February 2004 Domestic Return Receipt 102695-02-M-1640								

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
NOI Postmark Here	
Sent To SWRCB - Div of Wtr Qty	
Street, Apt. No., or PO Box No. Po Box 1977	
City, State, ZIP+4 Sacramento, CA 95812	
PS Form 3800, August 2006 See Reverse for Instructions	

7008 3230 0000 4042 3570



State Water Resources Control Board
NOTICE OF INTENT
 TO COMPLY WITH THE TERMS OF THE
 GENERAL PERMIT TO DISCHARGE STORM WATER
 ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQ ORDER No. 99-08-DWQ)

**I. NOI STATUS (SEE INSTRUCTIONS)**

MARK ONLY ONE ITEM	1. <input checked="" type="checkbox"/> New Construction	2. <input type="checkbox"/> Change of Information for WDID#
--------------------	---	---

II. PROPERTY OWNER

Name San Diego Gas & Electric	Contact Person: Linda Collins		
Mailing Address 8315 Century Park Court, CP21E	Title Principal Environmental Specialist		
City San Diego	State CA	Zip 92123	Phone Office: (858) 650-4064 24 hr: (619) 987-2437
Owner Type (check one) 1. <input type="checkbox"/> Private Individual 2. <input checked="" type="checkbox"/> Business 3. <input type="checkbox"/> Municipal 4. <input type="checkbox"/> State 5. <input type="checkbox"/> Federal 6. <input type="checkbox"/> Other			

III. DEVELOPER/CONTRACTOR INFORMATION

Developer/Contractor San Diego Gas & Electric	Contact Person: Linda Collins		
Mailing Address 8315 Century Park Court, CP21E	Title Principal Environmental Specialist		
City San Diego	State CA	Zip 92123	Phone Office: (858) 650-4064 24 hr: (619) 987-2437

IV. CONSTRUCTION PROJECT INFORMATION

Site/Project Name Sunrise Powerlink - Mountain Springs Grade	Site Contact Person: Linda Collins and other(s) to be determined		
Physical Address/Location New Transmission Line will involve the installation of 8 inch diameter microfoundations at 21 new pole locations near Interstate 8 at the Mountain Springs Road Exit (TB 430-F-8) as it climbs from Imperial Valley into the mountains. There is no site address and the site is located in unincorporated portions of Imperial and San Diego Counties.	Latitude 32°43'12"	Longitude -116°03'26"	County Imperial and San Diego Counties
City (or nearest City) Ocotillo	Zip 92259	Site Phone Number NA	Emergency Phone Number (619) 987-2437
A. Total size of construction site area: 0.8 Acres	C. Percent of site imperviousness (including rooftops): Before Construction: approximately 0.0% After Construction: approximately 0.5%		D. Tract Number(s): NA
B. Total area to be disturbed 0.8 Acres	E. Mile Post Marker: NA		
F. Is the construction site part of a larger common plan of development or sale? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	G. Name of plan or development: Sunrise Powerlink		
H. Construction commencement date: 10/1/2009	J. Projected construction dates: Complete grading: 12/15/2009 Complete project: 12/31/2009		
I. % of site to be mass graded: 0%			
K. Type of Construction (Check all that apply): 1. <input type="checkbox"/> Residential 2. <input type="checkbox"/> Commercial 3. <input type="checkbox"/> Industrial 4. <input type="checkbox"/> Reconstruction 5. <input type="checkbox"/> Transportation 6. <input checked="" type="checkbox"/> Utility Description: Installation of transmission pole foundations 7. Other (Please List):			

V. BILLING INFORMATION

SEND BILL TO: <input checked="" type="checkbox"/> OWNER (as in II. above)	Name San Diego Gas & Electric	Contact Person Linda Collins	
<input type="checkbox"/> DEVELOPER (as in III. above)	Mailing Address 8315 Century Park Court, CP21E	Phone: 858-650-4064 Fax: 619-987-2437	
OTHER (enter information at right)	City San Diego	State CA	Zip 92123

VI. REGULATORY STATUS

A. Has a local agency approved a required erosion/sediment control plan?..... YES NO

Does the erosion/sediment control plan address construction activities such as infrastructure and structures?..... YES NO

Name of local agency: _____ Phone: () --

B. Is this project or any part thereof, subject to conditions imposed under a CWA Section 404 permit of 401 Water Quality Certification?..... YES NO

If yes, provide details:

VII. RECEIVING WATER INFORMATION

A. Does the storm water runoff from the construction site discharge to (Check all that apply):

1. Indirectly to waters of the U.S.

2. Storm drain system - Enter owner's name:

3. Directly to waters of U.S. (e.g. , river, lake, creek, stream, bay, ocean, etc.)

B. Name of receiving water. Receiving waters are Boulder Creek, Myer Creek and potentially an unnamed creek/wash originating from Devils Canyon. The project is located in the Coyote Wells Valley Basin (7-29).

VIII. IMPLEMENTATION OF NPDES PERMIT REQUIREMENTS

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (check one)

A SWPPP has been prepared for this facility and is available for review: Date Prepared: Date Amended: ____/____/____

A SWPPP will be prepared and ready for review by (enter date): 8/28/09

A tentative schedule has been included in the SWPPP for activities such as grading, street construction, home construction, etc.

B. MONITORING PROGRAM

A monitoring and maintenance schedule has been developed that includes inspection of the construction BMPs before anticipated storm events and after actual storm events and is available for review.

If checked above: A qualified person has been assigned responsibility for pre-storm and post-storm BMP inspections to identify effectiveness and necessary repairs or design changes..... YES NO

Name: Linda Collins and other(s) to be determined Phone: 858-650-4064

C. PERMIT COMPLIANCE RESPONSIBILITY

A qualified person has been assigned responsibility to ensure full compliance with the Permit, and to implement all elements of the Storm Water Pollution Prevention Plan including:

1. Preparing an annual compliance evaluation..... YES NO

Name: Linda Collins and other(s) to be determined Phone: (858) 650-4064

2. Eliminating all unauthorized discharges..... YES NO

IX. VICINITY MAP AND FEE (must show site location in relation to nearest named streets, intersections, etc.)

Have you included a vicinity map with this submittal? YES NO

Have you included payment of the annual fee with this submittal?..... YES NO

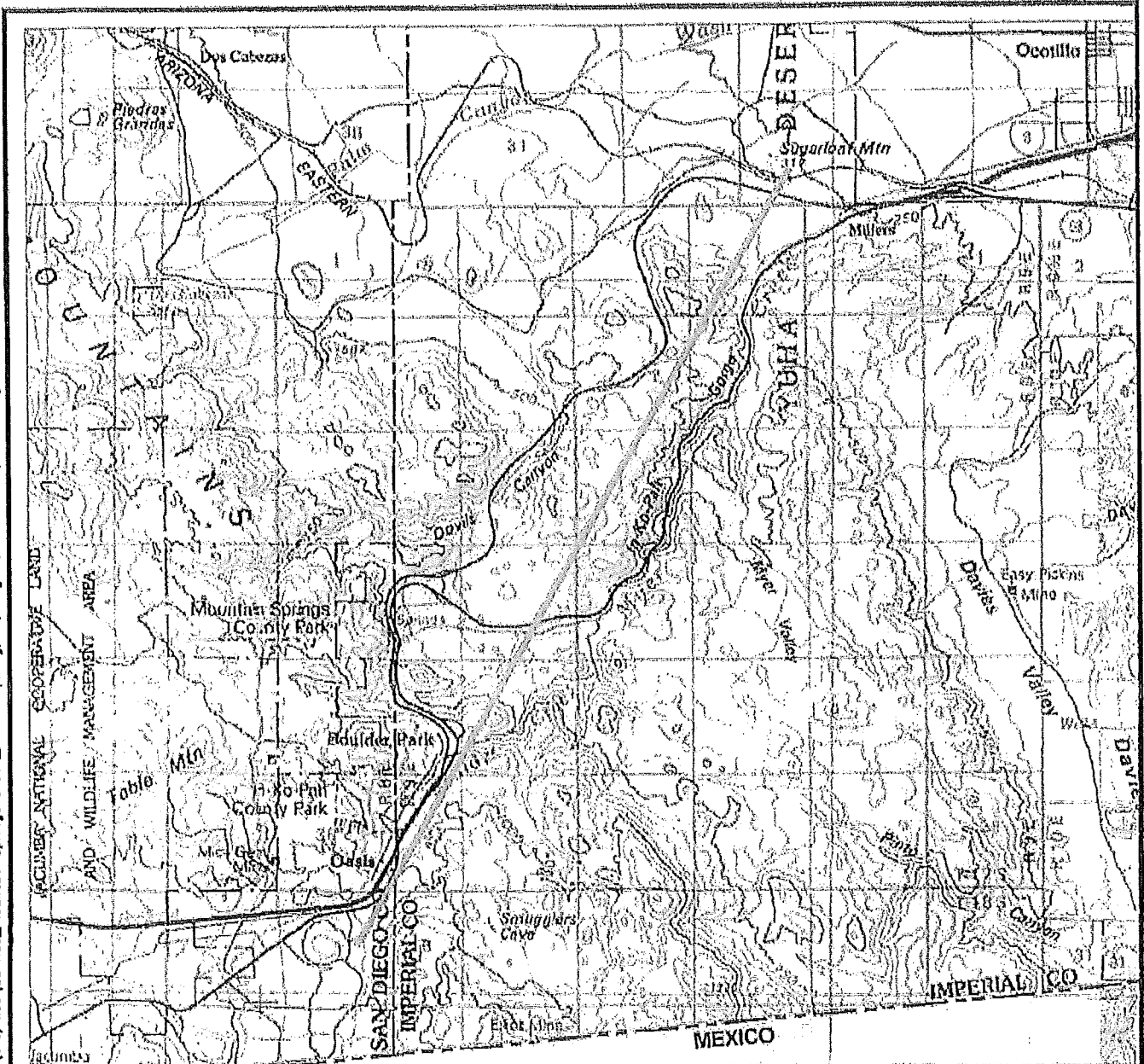
X. CERTIFICATIONS

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan will be complied with."

Signature: Robert C. Jackson Date: 8/29/09

Title: General Manager -& Director - Construction and Engineering Sunrise

MS-1:1: A:\PROJECTS\Sempra\2009 Sunrise Mountain Springs Grade\Graphics\Sunrise Mountain Springs Grade_Index Map.dwg: B4, Aug 11, 2009 - 3:04pm kdrilling



QUADRANGLE LOCATION

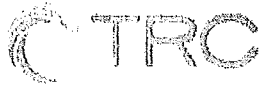
Transmission Line Corridor



SCALE

SOURCE:

United States Geological Survey 7.5 Minute Topographic Map: In-Ko-Pah Gorge Quadrangle



FACILITY:

Sunrise Mountain Springs Grade
Imperial County, California

VICINITY MAP

FIGURE 1



Sempra Energy utility™

P.O. Box 129007, San Diego, CA 92112-9007

ACCOUNTS PAYABLE

Wachovia Bank, N.A.
Savannah, GA 31803

64-975
812

VENDOR NO	CHECK NO	DATE	AMOUNT
70545	749559	08/24/09	*****\$317.00

PAY: THREE HUNDRED SEVENTEEN USD

TO THE ORDER OF: STATE WATER RESOURCES CONTROL
STORM WATER PERMIT UNIT
P O BOX 1977
SACRAMENTO CA 95812-1977



VOID AFTER SIX MONTHS

⑈0749559⑈ ⑆061209756⑆ 2079900416477⑈



Sempra Energy utility™ P.O. Box 129007, San Diego, CA 92112-9007

FOR QUESTIONS REGARDING THESE PAYMENTS,
PLEASE CALL (658) 503-5480

PLEASE RETAIN THIS STATEMENT FOR YOUR RECORDS

ACCOUNTS PAYABLE

NAME	Vendor No	Check No	Date	Amount
STATE WATER RESOURCES CONTROL	70545	749559	08/24/09	*****\$317.00

YOUR REFERENCE	DATE	PO	ITEM	VOUCHER	GROSS DISCOUNT	AMOUNT PAID	
	08/20/09			1900223772	317.00	0.00	317.00

ATTACHMENT II

STATE WATER RESOURCES CONTROL BOARD
(SWRCB)

ORDER NO. 99 - 08 – DWQ

NATIONAL POLLUTANT DISCHARGE ELIMINATION
SYSTEM (NPDES)

GENERAL PERMIT NO. CAS000002

WASTE DISCHARGE REQUIREMENTS (WDRs)
FOR

DISCHARGES OF STORM WATER RUNOFF ASSOCIATED
WITH CONSTRUCTION ACTIVITY

(Insert this document after this cover page)

ATTACHMENT III

RUN-OFF COEFFICIENT CALCULATIONS

RUN-ON FLOW CALCULATIONS

Runoff Coefficients for Developed Areas

Type of Drainage Area	Runoff Coefficient
Business:	
Downtown areas	0.70 - 0.95
Neighborhood areas	0.50 - 0.70
Residential:	
Single-family areas	0.30 - 0.50
Multi-units, detached	0.40 - 0.60
Multi-units, attached	0.60 - 0.75
Suburban	0.25 - 0.40
Apartment dwelling areas	0.50 - 0.70
Industrial:	
Light areas	0.50 - 0.80
Heavy areas	0.60 - 0.90
Parks, cemeteries:	0.10 - 0.25
Playgrounds:	0.20 - 0.40
Railroad yard areas:	0.20 - 0.40
Unimproved areas:	0.10 - 0.30
Lawns:	
Sandy soil, flat, 2%	0.05 - 0.10
Sandy soil, average, 2-7%	0.10 - 0.15
Sandy soil, steep, 7%	0.15 - 0.20
Heavy soil, flat, 2%	0.13 - 0.17
Heavy soil, average, 2-7%	0.18 - 0.25
Heavy soil, steep, 7%	0.25 - 0.35
Streets:	
Asphaltic	0.70 - 0.95
Concrete	0.80 - 0.95
Brick	0.70 - 0.85
Drives and walks	0.75 - 0.85
Roofs:	0.75 - 0.95

RUNOFF COEFFICIENT CALCULATION SHEET

Sunrise Powerlink Mountain Springs Grade 500kV line along Mountain Springs Grade Imperial County, California

(All measurements are in square feet)

Total Site Area	=	<u>0.8</u>	(A)
-----------------	---	------------	-----

Existing Site Conditions (Before Construction)

Impervious Site Area ¹	=	<u>0.0</u>	(B)
-----------------------------------	---	------------	-----

Impervious Site Area Runoff Coefficient ^{2,4}	=	<u>0.95</u>	(C)
--	---	-------------	-----

Pervious Site Area ³	=	<u>0.8</u>	(D)
---------------------------------	---	------------	-----

Pervious Site Area Runoff Coefficient ⁴	=	<u>0.30</u>	(E)
--	---	-------------	-----

Existing Site Area Runoff Coefficient	$\frac{(B \times C) + (D \times E)}{(A)}$	=	<u>0.30</u>	(F)
---------------------------------------	---	---	-------------	-----

Proposed Site Conditions (After Construction)

Impervious Site Area ¹	=	<u><0.01</u>	(G)
-----------------------------------	---	-----------------	-----

Impervious Site Area Runoff Coefficient ^{2,4}	=	<u>0.95</u>	(H)
--	---	-------------	-----

Pervious Site Area ³	=	<u>>0.79</u>	(I)
---------------------------------	---	-----------------	-----

Pervious Site Area Runoff Coefficient ⁴	=	<u>0.30</u>	(J)
--	---	-------------	-----

Proposed Site Area Runoff Coefficient	$\frac{(G \times H) + (I \times J)}{(A)}$	=	<u>0.30</u>	(K)
--	---	---	-------------	-----

All measurements are in acres.

Footnotes:

1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
2. Use 0.95 unless lower or higher runoff coefficient can be verified.
3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
4. See the table on the previous page for typical C values.

RUN-ON FLOWS CALCULATION SHEET

Sunrise Powerlink Mountain Springs Grade 500kV line along Mountain Springs Grade Imperial County, California

Design Formula for "Rational Method": $Q = C \times I \times A$

Where: Q = Flow (cfs)
 C = Coefficient
 I = Rainfall Intensity (in/hr)
 A = Area of Watershed (acres)

Assuming: 10-minute duration
 2-year storm

C (Coefficient)(See above runoff coefficient charts)	=	*	_____	
I (Rainfall Intensity)(See for online calculations)	=	*	_____	in/hr
A (Area)(Estimate area that drains toward construction area. 1 acre = 43,560 sq ft.)	=	*	_____	acres
Approximate Run-on Flow	=	*	_____	cfs

* NA = Not applicable: All of the pole site locations have potential for run-on. Because of the limited topography information available for the linear portion of this project, it was not possible to identify the contributing run-on areas to each individual site. However, the location of the required BMPs to protect disturbed areas is shown on the individual site plans shown in Attachment XI.

**Storm Water Pollution Prevention Plan
Sunrise Powerlink Mountain Springs Grade**

San Diego Gas & Electric Company

December 15, 2009

ATTACHMENT IV

POTENTIAL MATERIALS USED OR STORED

**LIST OF POTENTIAL HAZARDOUS/NON-HAZARDOUS MATERIALS
PLANNED TO BE USED OR STORED**

LIST OF POTENTIAL HAZARDOUS/NON-HAZARDOUS MATERIALS PLANNED TO BE USED OR STORED

Following are lists of materials and products that could be on gas and/ or electric construction jobs:

Concrete

- Concrete mix
- Concrete slurry
- Curing compounds

Surfacing, Patching Applications

- Asphalt patch
- Cold mix
- Chip seal, seal coat, tack coat, slurry seal or fog seal

Petroleum Products

- Fuel
- Oil
- Grease

Cleaning Solutions And Solvents

- Detergents
- De-greaser
- Acids
- Bases

Equipment Fluids

- Lubricants
- Coolant/Antifreeze
- Brake fluid
- Transmission lubricant

Adhesives

- Glues
- Caulk
- Sealant

Electrical Materials/ Equipment - General

- Wooden electrical utility poles
- Electrical transformers & other electrical equipment
- Pole anchors
- Guy wires
- Conductor cable
- Stub supports
- Electric distribution wire

Gas Materials/ Equipment - General

- Poly pipe
- Steel pipe
- Pipe wrap primer
- Pipe wrap
- Pipe pillows
- Pipe skids or blocks
- Welding rods
- Miscellaneous steel fittings
- Metal and plastic pipelines
- Valves, pressure regulators
- Cable and conduit

Materials in Crew Trucks

- Unleaded gas
- Mixed 2 stroke gas
- Low temp bearing grease
- Insulating enamel
- Paint
- Wasp and hornet spray
- Two stroke engine oil
- Joint compound Leak-Seek
- WD-40 (Aerosol)
- Greaseless Lubricant (Aerosol)
- Marking Paint (Aerosol)
- Primer (Aerosol)
- Low VOC Paint
- Penetrating Oil (Aerosol)
- Pipe Joint Compound
- Meter Oil
- Valve Grease

ATTACHMENT V

SDG&E BMP DESCRIPTIONS & IMPLEMENTATION

SDG&E VAULT DEWATERING STANDARD PRACTICE

ATTACHMENT VI

ANALYTICAL RESULTS & DOCUMENTATION

NONCOMPLIANCE REPORTS

PHOTOGRAPHS

**Storm Water Pollution Prevention Plan
Sunrise Powerlink Mountain Springs Grade**

**San Diego Gas & Electric Company
December 15, 2009**

ATTACHMENT VII

SAMPLING PLAN DETAILS

Name: Sunrise Powerlink – Mountain Springs Grade

Location: 500kV line at Mountain Springs Grade near Interstate 8

City: Near Ocotillo, Imperial Valley, California

Thomas Brothers: Thomas_Brothers pg. 430 G7

Estimated Construction Start Date: 10/1/2009

Estimated Construction Completion Date: 12/31/2009

SEDIMENTATION/SILTATION, SEDIMENT OR TURBIDITY

Sampling Procedure

When sampling is required, the following procedure will be used:

- The **Permit Monitoring Representative** is responsible for tracking the weather forecast daily to determine if a rain event is expected. When the probability of rain exceeds 50% during the next 24 hours and is likely to trigger a sampling requirement, the **Permit Monitoring Representative** shall alert the **Sampling Personnel** and the **Laboratory**.
- When alerted, the **Sampling Personnel** shall assure that the necessary sampling devices, containers and other equipment are ready and available.
- The **Sampling Personnel** are responsible for determining when the storm water discharge begins so that the sampling can be conducted within the first two hours of storm water discharge. At the beginning of the sampling event, the **Sampling Personnel** shall collect the sample(s) at their designated sample locations in accordance with these Sampling Details.
- **Sampling Personnel** shall complete a Chain of Custody form for the samples being sent to the **Laboratory**.
- The **Sampling Personnel** are responsible for transporting the samples to the **Laboratory** in time for the analyses to be conducted within the applicable holding times.
- When field analyses are conducted, the **Sampling Personnel** shall fax or e-mail the sample results to the **Field Environmental Representative** for evaluation.
- When laboratory analyses are conducted, the **Laboratory** shall fax or e-mail the sample results to the **Field Environmental Representative** for evaluation.
- After evaluation of the sample results by the **Field Environmental Representative**, the **Permit Compliance Representative** shall be notified of the results.
 - If the evaluation indicates that the downstream sample results are statistically significantly higher than the upstream sample results, the sample results from the discharge should be evaluated to determine if they are consistent with this finding.
 - If the discharge sample results are not consistent, the **Field Environmental Representative** shall investigate other potential sources of the elevated downstream results. The **Field Environmental Representative** shall coordinate with **Environmental Services-Water Quality** prior to notifying the RWQCB of the elevated downstream sample results.
 - If the discharge sample results are consistent, the **Field Environmental Representative** shall coordinate with **Environmental Services-Water Quality** prior to notifying the RWQCB in accordance with the Receiving Water Reporting Requirements in the Permit.

- The **Field Environmental Representative** shall also conduct a review of the sources of the sediment and take corrective measures, as follows:
 - Identify the source of the silt, sediment or turbidity;
 - Review effectiveness of existing erosion control BMPs;
 - Review effectiveness of existing sediment control BMPs;
 - Look for evidence that there are too few sediment and erosion control BMPs. In inspecting the site, sources of sediment that either do not have BMPs or for which the BMPs appear to be insufficient in number or type may be identified;
 - Repair or replace any BMP that has failed or is in need of maintenance;
 - Evaluate whether additional or alternative BMPs should be implemented to provide an effective combination of erosion and sediment control measures on the site;
 - If sampling and analysis during subsequent storm events shows that there is still a statistically significant difference, then repeat the steps above until the analytical results of the upstream concentration samples are within the confidence interval.

Data Analysis

Data Evaluation Method

Following is a description of the data evaluation method to be used to determine whether the downstream concentrations are significantly greater than the upstream concentrations:

Not applicable.

NON-VISIBLE POLLUTANTS

Sampling Procedure

Historical Pollutants, Run-on Pollutants, Construction Material Pollutants

When sampling is required, the following procedure will be used:

- The **Permit Monitoring Representative** is responsible for tracking the weather forecast daily to determine if a rain event is expected. When the probability of rain exceeds 50% during the next 24 hours and is likely to trigger a sampling requirement, the **Permit Monitoring Representative** shall alert the **Sampling Personnel** and the **Laboratory**.
- When alerted, the **Sampling Personnel** shall assure that the necessary sampling devices, containers and other equipment are ready and available.
- The **Sampling Personnel** are responsible for determining when the discharge begins so that the sampling can be conducted within the first two hours of storm water discharge. At the beginning of the sampling event, the **Sampling Personnel** shall collect the sample(s) at their designated sample locations in accordance with these Sampling Details.
- **Sampling Personnel** shall complete a Chain of Custody form for the samples being sent to the **Laboratory**.
- The **Sampling Personnel** are responsible for transporting the samples to the **Laboratory** in time for the analyses to be conducted within the applicable holding times.

- When field analyses are conducted, the **Sampling Personnel** shall fax or e-mail the sample results the **Field Environmental Representative** for evaluation.
- When laboratory analyses are conducted, the **Laboratory** shall fax or e-mail the sample results to the **Field Environmental Representative** for evaluation.
- After evaluation of the sample results by the **Field Environmental Representative**, the **Permit Compliance Representative** shall be notified of the results.
 - **Naturally Occurring Pollutants** - If the evaluation indicates that the discharge sample results are considerably above the background/uncontaminated sample results or a benchmark for naturally occurring substances, the **Field Environmental Representative** shall initiate an evaluation of the BMPs and repair, replace or supplement the BMPs to correct the problem. **Conduct sampling during the next rain event to document and demonstrate that the corrective actions corrected the problem.**
 - **Non-Naturally Occurring Pollutants** - BMPs must be used to control offsite discharge of any pollutant (e.g., pesticides) that is not naturally occurring, regardless of background levels of that pollutant. If non-naturally occurring pollutants are found in the sample results, the **Field Environmental Representative** shall review the BMPs to determine if they can be supplemented to reduce their presence in the discharge. If non-naturally occurring pollutants are found in the sample results at levels considerably above the background/uncontaminated sample results or a benchmark for non-naturally occurring substances, the **Field Environmental Representative** shall initiate an evaluation of the BMPs and repair, replace or supplement the BMPs to correct the problem. **Conduct sampling during the next rain event to document and demonstrate the corrective actions corrected the problem.**

Contingency Sampling

If visual inspection of storm water BMPs used to contain or otherwise manage (i.e., filter or treat) non-visible pollutants at a construction site indicates that a BMP has failed or been compromised or a release has occurred that cannot be completely cleaned up prior to the next rain event, implement the following procedure:

- The **Inspection Personnel** are responsible for immediately notifying the **Sampling Personnel** and the **Laboratory** that contingency sampling is required for the rain event.
- When alerted, the **Sampling Personnel** shall assure that the necessary sampling devices, containers and other equipment are ready and available.
- The **Sampling Personnel** shall collect the sample(s) at the storm water discharge downstream of the release or failed BMP and record the sample locations and other sampling information on the Chain of Custody form for the samples being sent to the **Laboratory**.
- The **Sampling Personnel** are responsible for transporting the samples to the **Laboratory** in time for the analyses to be conducted within the applicable holding times.
- When field analyses are conducted, the **Sampling Personnel** shall fax or e-mail the sample results to the **Field Environmental Representative** for evaluation.
- When laboratory analyses are conducted, the **Laboratory** shall fax or e-mail the sample results to the **Field Environmental Representative** for evaluation.
- After evaluation of the sample results by the **Field Environmental Representative**, the **Permit Compliance Representative** shall be notified of the results.

- The **Field Environmental Representative** shall initiate an immediate evaluation of the source of the pollutants and the BMPs, cause for failure of the BMPs or the release and follow-up actions to prevent a recurrence of the problem.
- **Additional sampling shall be conducted during the next rain event (follow the Sampling Procedure for “Historical Pollutants, Run-on Pollutants, Construction Material Pollutants”) to verify that the problem has been resolved.**

Data Analysis

Data Evaluation Method

Following is a description of the data evaluation method to be used to determine whether the discharge sample concentrations are considerably above the background/ uncontaminated sample concentrations or another relevant benchmark:

Not applicable.

SAMPLING LOCATION MAP

A map showing the locations of discharges and sampling locations will be attached if needed.

EMERGENCY CONTACTS

Use the following contact numbers if an injury or other emergency occurs during sampling:

- SDG&E projects –
 - Life Threatening – 911
 - Non-Life Threatening – 619-725-5199 (Trouble Dispatch)

For assistance with spill response, also call:

- San Diego County Hazardous Materials Division (HMD) **(619) 338-2222 (after hours follow recorded instructions) or HMD’s Toll-Free Number (800) 253-9933**
- Imperial County Department of Health **(760) 482-4203**
- State Office of Emergency Services (OES) **(916) 845-8911 or (800) 852-7550 (OES-California State Warning Center)**

See also the attached map showing the closest hospitals to the sampling locations and see below for relevant emergency contact numbers.

El Centro Regional Medical Center, 1415 Ross Ave, El Centro, CA
(760) 339-7210

Directions from site: Interstate 8 East to El Centro; exit onto Imperial Avenue heading north; turn right onto Ross Avenue and hospital is on right.

Calexico Hospital, 450 E Birch St., Calexico, CA
(760) 357-6522

Directions from site: Interstate 8 East to El Centro; exit onto Highway 111 south (right turn); in Calexico, turn left onto Birch Street; hospital is on right.

Required / Not Required for this project.

Table 1

Sampling Plan Details for Direct Discharges to Waters Identified as Impaired on CWA 303(d) List for Sediment, Siltation or Turbidity

Sample Frequency	Every rain event each month, but not to exceed four sampling events		
Description of Discharge and Sample Locations:	Discharge*	Upstream*	Downstream*
<ul style="list-style-type: none"> ➤ Discharge #1 ➤ Discharge #2 			
Personnel/Lab	Name	Phone No.	FAX/Cell/Pager Nos.
Sampler:			
Send the samples to this lab:			
Lab send analytical results to:			
Data to be reviewed by:			
Further action determined by:			

* Samples are to be taken within the actual flow of the discharge and the water body and be representative of the sediment load present.

Required / Not Required for this project.

Table 2 Sampling Plan Details for Direct Discharges to Waters Identified as Impaired on CWA 303(d) List for Sediment/Siltation or Turbidity										
Constituent	Analytical Method	Method Detection Level	# Samples / Location	Sample Type/ Device/ Volume	Containers / Provided By	Preservation Method	Holding Time	Other Sampling Equipment	Sample Turnaround Time	Sample Contamination Precautions
SS	USEPA 160.5	0.1mL/ L/Hour		/ / 1 liter	1 liter polypropylene/	Store in ice or refrigerator @ 4°C (39.2°F)	48 hours			
TSS	USEPA 160.2	1 mg/L		/ / 100mL	500mL polypropylene/	Store in ice or refrigerator @ 4°C (39.2°F)	7 days			
SSC	ASTM D3977-97			/ / 200mL	/	Store in ice or refrigerator @ 4°C (39.2°F)	7 days			
T	USEPA 180.1	1 NTU		/ / 100mL	500mL polypropylene or glass/	Store in ice or refrigerator @ 4°C (39.2°F), Dark	48 hours			
T	Field turbidity meter			/ /	/	N.A.	NA		NA	

Continued on next page.

SS – **S**ettleable **S**olids
TSS – **T**otal **S**uspended **S**olids
SSC – **S**uspended **S**ediment **C**oncentration
T - **T**urbidity

Notes:

1. Samples are to be taken:
 - When a rain event causes a storm water discharge;
 - During the first two hours of runoff from the storm when this sampling can be conducted during daylight hours (sunrise to sunset);
 - On any day of the year (i.e., including weekends and holidays);
 - During each rain event, but not more than 4 sample events per month; and
 - Only when it is safe to do so.
2. Samples must be collected from all sample locations (i.e., upstream, downstream & discharge) during each rain event
3. Samples must be collected during the time period starting with the beginning of construction activity and ending with the RWQCB approval of the Notice of Termination of the storm water permit.

Required for: Historical pollutants; Run-on pollutants; Construction material pollutants;
 None unless changes occur during the project; Contingencies

Table 3

Sampling Plan Details for Discharges of Non-Visual Pollutants to Surface Waters

Sample Frequency	Historical Pollutants, Run-on Pollutants, Construction Material Pollutants: Every rain event Contingency Sampling: Whenever a pollutant that is not visible in stormwater runoff is released and not completely cleaned up prior to the next rain event		
Description of Sample Locations:	Background (Uncontaminated)		Discharge *
<ul style="list-style-type: none"> ➤ Discharge #1 ➤ Discharge #2 ➤ Discharge #3 (Contingency-describe locations once determined in the field)	As determined in field		As determined in field
Personnel/Lab	Name	Phone No.	FAX/Cell/Pager Nos.
Sampler:			
Send the samples to this lab:			
Lab send analytical results to:			
Data to be reviewed by:			
Further action determined by:			

* Include one of the following codes with the discharge sample location description to identify the reason for sampling: **H**istorical **P**ollutants (**HP**); **R**un-on **P**ollutants (**RP**); **C**onstruction **M**aterial **P**ollutants (**CMP**).

Required for: Historical pollutants; Run-on pollutants; Construction material pollutants;
 None unless changes occur during the project; Contingencies

Discharge#/Constituent	Analytical Method	Method Detection Level	# Samples / Location	Sample Type/ Device / Volume	Containers/ Provided By	Preservation Method	Holding Time	Other Sampling Equipment	Sample Turnaround Time	Sample Contamination Precautions

- Notes:**
1. Samples are to be taken:
 - When a rain event causes a storm water discharge;
 - During the first two hours of runoff from the storm when this sampling can be conducted during daylight hours (sunrise to sunset);
 - On any day of the year (i.e., including weekends and holidays);
 - During each rain event; and
 - Only when it is safe to do so.
 2. Samples, with the exception of Contingency Samples, must be collected from all sample locations (i.e., background/uncontaminated & discharge) during each rain event

Samples must be collected during the time period starting with the beginning of construction activity and ending with the RWQCB approval of the Notice of Termination of the storm water permit

ATTACHMENT VIII

AMENDMENTS LOG

**Storm Water Pollution Prevention Plan
Sunrise Powerlink Mountain Springs Grade**

**San Diego Gas & Electric Company
December 15, 2009**

ATTACHMENT IX

LIST OF RESPONSIBLE PARTIES

**LIST OF PROJECT CONTACTORS AND
SUBCONTRACTORS**

Non-Storm Water Management		
Qualified person responsible for ensuring that no materials other than storm water are discharged in quantities that will have an adverse effect on receiving water or storm drains:		
Name	Address	Phone Number (including emergency contact number)

Sampling Personnel		
Personnel responsible for sampling		
Name	Address	Phone Number (including emergency contact number)

SWPPP Implementation Responsibility			
Contractors, sub-contractors and individuals responsible for implementing the SWPPP, other than those listed elsewhere in this attachment			
Area of Responsibility	Name	Address	Phone Number (including emergency contact number)

Certifications	
Person(s) authorized to certify the SWPPP and amendments	
Name	Phone Number

ATTACHMENT X

SWPPP INSPECTION CHECKLISTS

**RAIN EVENT & NON-STORM WATER DISCHARGE
INSPECTION CHECKLIST**

**REGULAR
INSPECTION CHECKLIST**

**Due to the volume of inspections, completed Inspection
Checklists are located in a separate binder (Attachment X)
and kept with this SWPPP**

RAIN EVENT & NON-STORM WATER DISCHARGE INSPECTION CHECKLIST

(All Information Must Be Filled In)

Project Name	Sunrise Powerlink Mountain Springs Grade	
Date of Inspection		
SWPPP Inspector		
Inspector's Company/Title		
SWPPP Inspector's Signature		
Inspection Type	<input type="checkbox"/> Prior to forecasted rain event. <input type="checkbox"/> 24 Hour Interval During Extended Rain Event	<input type="checkbox"/> After Rain Event <input type="checkbox"/> Non-Storm Water Discharge

Storm Information (best estimate)

Storm Start Date & Time	
Time Since Last Storm	
Storm Duration	
Rainfall Amount	inches

BMP Observations (Identify, Describe any missing BMPs, BMPs that require maintenance or BMPs that did not function adequately. Notify Sampling Personnel immediately to initiate contingency sampling if a situation is discovered that could release non-visible pollutants.)

Erosion Controls	Observations:
	Corrective Actions Required and date completed:
Sediment Controls	Observations:
	Corrective Actions Required and date completed:
Chemical and Waste Controls	Observations:
	Corrective Actions Required and date completed:
Non-Storm Water Controls	Observations:
	Corrective Actions Required and date completed:

Downstream Observations (record if it is not safe to access the site due to inclement weather)

Observations:
Corrective Actions Required:
Date Corrective Actions Implemented:

(Additional information can be noted on the back side of this form)

REGULAR*
INSPECTION CHECKLIST
(All Information Must Be Filled In)

Date	Inspector's Name and Signature	Note Any Required Corrective Actions Taken**

* Use for Weekly Inspections during the rainy season (Oct. 1 through May 1) and for the Monthly Inspections during the non-rainy season.

Inspect all BMPs and maintain the BMPs as necessary to protect water quality.

** Provide the location and a description of the corrective action, and the date action was taken. If no corrective actions are necessary, state "None Required" in this column.

**Storm Water Pollution Prevention Plan
Sunrise Powerlink Mountain Springs Grade**

**San Diego Gas & Electric Company
December 15, 2009**

ATTACHMENT XI

SWPPP TRAINING ROSTERS

SWPPP PREPARER TRAINING

SWPPP TRAINING ROSTER

SWPPP PREPARER TRAINING

Jerome Jaminet, Jr., REA 07167

2001-2008 Preparation of Storm Water Pollution Prevention Plans in compliance with State of California General Construction Permit

2001 - 2003 Building Industry Association SWPPP Preparation training and California Stormwater Quality Association BMP Handbook training

2003 – 2008 CASQA meetings and training programs

ATTACHMENT XII

CONSTRUCTION ACTIVITIES CHECKLIST

BMP SELECTION WORKSHEET

SITE MAP INFORMATION LIST

SITE BMP MAP

CONSTRUCTION ACTIVITIES CHECKLIST

Generally, activities on this project will include (Check all that apply):

- Materials Delivery and Storage
- Lay Down/Staging Areas
- Vehicle/Equipment Fueling
- Portable Sanitary Waste Management
- Access Road Maintenance
- Grading
- Potholing
- Grubbing
- Vegetation Removal
- Trenching
- Excavation
- Excavation Dewatering*
- Vault Dewatering**
- Directional Boring
- Dry Boring
- Jacking
- Steel pole foundation (using drilling muds)
- Spoils Storage Overnight
- Conduit/Pipeline Installation
- Structure Construction/ Installation
- Pole Installation/ Removal
- Saw Cutting
- Concrete Work
- Paving
- Mark-Out Paint Removal
- Dust Control
- Revegetation
- Work in or adjacent to wetlands (including marine waters, streams, creeks and other drainages (wet or dry))
- Other: None.

* This requires non-storm water discharge monitoring and may require additional permits.

** This requires non-storm water discharge monitoring and compliance with BMP 3-06.

BMP SELECTION WORKSHEET

SDG&E BMP No.	BMP Options (Additional BMPs shall be implemented as necessary to protect water quality as determined by field conditions)	Selected BMPs
Section 1 Sediment Controls		
BMP-1-01	Scheduling	<input checked="" type="checkbox"/>
BMP-1-02	Silt Fence	<input type="checkbox"/>
BMP-1-03	Fiber Rolls	<input checked="" type="checkbox"/>
BMP-1-04	Gravel Bag Berm	<input type="checkbox"/>
BMP-1-05	Sand Bag Barrier	<input type="checkbox"/>
BMP-1-06	Storm Drain Inlet Protection	<input type="checkbox"/>
BMP-1-07	Tracking Controls	<input type="checkbox"/>
BMP-1-08	Stockpile Management	<input checked="" type="checkbox"/>
Other - User Defined	BMP Description:	<input type="checkbox"/>
Section 2 Waste Management and Material Controls		
BMP-2-01	Material Delivery and Storage	<input checked="" type="checkbox"/>
BMP-2-02	Material Use	<input checked="" type="checkbox"/>
BMP-2-03	Spill Control	<input checked="" type="checkbox"/>
BMP-2-04	Solid Waste Management	<input checked="" type="checkbox"/>
BMP-2-05	Hazardous Materials/Waste Management	<input checked="" type="checkbox"/>
BMP-2-06	Contaminated Soil Management	<input type="checkbox"/>
BMP-2-07	Sanitary/Septic Waste Management	<input checked="" type="checkbox"/>
BMP-2-08	Liquid Waste Management	<input checked="" type="checkbox"/>
Other - User Defined	BMP Description:	<input type="checkbox"/>
Section 3 Non-Storm Water Discharge Controls		
BMP-3-01	Dewatering Operations	<input type="checkbox"/>
BMP-3-02	Paving Operations	<input type="checkbox"/>
BMP-3-03	Vehicle and Equipment Washing	<input type="checkbox"/>
BMP-3-04	Vehicle and Equipment Fueling	<input checked="" type="checkbox"/>

SDG&E BMP No.	BMP Options (Additional BMPs shall be implemented as necessary to protect water quality as determined by field conditions)	Selected BMPs
BMP-3-05	Concrete/Coring/Saw Cutting and Drilling Waste Management	<input checked="" type="checkbox"/>
BMP-3-06	Dewatering Utility Substructures and Vaults	<input type="checkbox"/>
BMP-3-07	Vegetation Management including Mechanical and Chemical Weed Control	<input type="checkbox"/>
BMP-3-08	Over-Water Protection	<input type="checkbox"/>
BMP-3-09	Removal of Utility Location/Mark-Out Paint	<input type="checkbox"/>
Other - User Defined	BMP Description:	<input type="checkbox"/>
Section 4 Erosion Control and Soil Stabilization		
BMP-4-01	Preservation of Existing Vegetation	<input checked="" type="checkbox"/>
BMP-4-02	Temporary Soil Stabilization	<input type="checkbox"/>
BMP-4-03	Hydraulic Mulch	<input type="checkbox"/>
BMP-4-04	Hydroseeding	<input type="checkbox"/>
BMP-4-05	Soil Binders	<input type="checkbox"/>
BMP-4-06	Straw Mulch	<input type="checkbox"/>
BMP-4-07	Geotextiles, Plastic Covers and Erosion Control Blankets/Mats	<input type="checkbox"/>
BMP-4-08	Dust (Wind Erosion) Control	<input checked="" type="checkbox"/>
Other - User Defined	BMP Description:	<input type="checkbox"/>
Section 5 Streambed Discharges and Crossings		
CASQA EC-10	Velocity Dissipation Devices	<input type="checkbox"/>
CASQA EC-12	Streambank Stabilization	<input type="checkbox"/>
CASQA NS-4	Temporary Stream Crossing	<input type="checkbox"/>
CASQA NS-5	Clear Water Diversion	<input type="checkbox"/>
Other - User Defined	BMP Description:	<input type="checkbox"/>

BMP SITE MAP INFORMATION LIST

Include the following items on the BMP Site Map:

- Construction site perimeter and construction locations;
- General topography;
- Any adjacent receiving waters;
- Water drainage patterns, including direction of water flow (i.e., using arrows);
- Sources of on-site contamination from historic usage that may contribute pollutants to storm water;
- Site access;
- Storm drain inlets;
- Discharge locations to MS4s and water bodies;
- Non-storm water discharges;
- Type of BMP implemented, current and historical BMP locations;
- Storage for soil or waste;
- Construction material laydown areas;
- Vehicle storage and service;
- Equipment storage, cleaning and maintenance;
- Storm water sample locations, when required; and
- Post-construction BMPs, when required.

If these items change during the time period the project is covered by the Construction Storm Water Permit, update the map to reflect the changes.

BMP SITE MAP

(Insert BMP Site Map With BMPs Following this Page or in a Map Holder)