

Appendix 5.15D
Draft Stormwater Pollution Prevention Plan

**PRELIMINARY
STORMWATER POLLUTION
PREVENTION PLAN**

FOR

**RICE SOLAR ENERGY PROJECT
RIVERSIDE COUNTY**

Prepared For:

**SolarReserve, LLC
2425 Olympic Blvd., Suite 500 E
Santa Monica, CA 90404**

Contractor:

To Be Determined

Preliminary SWPPP Prepared By:

**WorleyParsons Group Inc.
2330 E. Bidwell Street, Suite 150
Folsom, CA 95630**

Preliminary SWPPP Preparation Date:

May 2009

Estimated Project Dates:

Start of Construction: *To Be Determined*
Completion of Construction: *To Be Determined*

WDID NO.: (*To Be Determined*)

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ACRONYMS

BMP	BEST MANAGEMENT PRACTICE
CCR	CALIFORNIA CODE OF REGULATIONS
CFR	CODE OF FEDERAL REGULATIONS
EPA	ENVIRONMENTAL PROTECTION AGENCY
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
MSDS	MATERIAL SAFETY DATA SHEETS
RWQCB	REGIONAL WATER QUALITY CONTROL BOARD
SAP	SAMPLING AND ANALYSIS PLAN
SWPPM	STORMWATER POLLUTION PREVENTION MANAGER
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
SWRCB	STATE WATER RESOURCES CONTROL BOARD
TBD	TO BE DETERMINED
USDA	UNITED STATES DEPARTMENT OF AGRICULTURE
WDR	WASTE DISCHARGE REQUIREMENTS

1. SWPPP CERTIFICATIONS, APPROVALS AND AMMENDMENTS

1.1 Notice to Contractor

This is a living document and a tool to be used to assist the Owner/contractor in complying with stormwater quality regulations, and is required to be amended as necessary.

The burden of comprehensive compliance rests solely with the project Owner/developer. WorleyParsons does not guarantee compliance or assume any responsibility for failure to comply with the State General Permit as a result of using the information provided herein. The information contained in this report is based upon, and limited by, the circumstances and conditions acknowledged herein, and upon information available at the time of its preparation.

1.2 Certification by Engineer or Authorized Designee (Preparer)

Project Name: RICE SOLAR ENERGY PROJECT

Project Number: _____

"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 ensure 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 and imprisonment for knowing violations".

Preparer's Name: Bob Anders

Signature: _____

Title: Professional Engineer

Date: _____

Telephone Number(s): (916) 817 3973

1.3 Owner Approval and Certification of SWPPP

**Owners (or Authorized Representative)
Approval and Certification of the
Stormwater Pollution Prevention Plan**

Project Name: RICE SOLAR ENERGY PROJECT

Project Number: _____

"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 ensure 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 and imprisonment for knowing violations".

Name: _____

Signature: _____

Title: _____

Date: _____

**Telephone
Number(s):** _____

1.4 Contractors Approval and Certification of SWPPP

General Contractor Approval and Certification of Implementing Storm Water Pollution Prevention Plan

Project Name: RICE SOLAR ENERGY PROJECT

Project Number: _____

"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 ensure 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 and imprisonment for knowing violations".

Name: _____

Signature: _____

Title: _____

Date: _____

**Telephone
Number(s):** _____

1.5 Annual Compliance Certification

By July 1 of each year, the Owner shall complete an Annual Certification of Compliance stating compliance with the terms and conditions of the General Permit (Permit) and the Storm Water Pollution Prevention Plan (SWPPP). The blank Annual Certification of Compliance Form is included in **Attachment 11**. Completed Annual Certifications of Compliance and Approvals can be found in the following pages.

A copy of the certification shall be filed at the owner's office, but does not have to be submitted to the Regional Water Quality Control Board (RWQCB), Santa Ana, Region 8.

1.6 Location of SWPPP

A copy of the SWPPP shall be kept at the construction site during the construction activity and made available upon request to representatives of the California RWQCB or the general public (public access pursuant to Section 308(b) of the Federal Clean Water Act).

2. SWPPP AMENDMENTS

2.1 SWPPP Amendments

This SWPPP shall be amended:

- Whenever there is a change in construction or operations which may affect the discharge of pollutants to surface waters, groundwater(s) or a municipal storm or sewer system;
- If any Condition of the Permits is violated or the general objective of reducing or eliminating pollutants in storm water discharges has not been achieved. If the RWQCB determines that the Permit violation has occurred, the SWPPP shall be amended and implemented within 14-calendar days after notification by the RWQCB;
- Annually, prior to the defined rainy season; and
- When deemed necessary by the Owner.

The following items will be included in each amendment:

- Who requested the amendment;
- The location of proposed change;
- The reason for change;
- The original Best Management Practice (BMP) proposed, if any; and
- The new BMP proposed.

The amendments for this SWPPP, along with the Owner's Certification and the Owner approval, can be found in the following pages.

2.2 SWPPP AMENDMENT CERTIFICATION

SWPPP AMENDMENT NO. _____

Project Name: RICE SOLAR ENERGY PROJECT

Project Number: _____

PREPARER CERTIFICATION OF THE STORMWATER POLLUTION PREVENTION PLAN AMENDMENT

"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 ensure 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 and imprisonment for knowing violations".

Preparer's Signature _____ Date _____

Preparer's Name and Title _____ Telephone Number _____

OWNER (OR AUTHORIZED REPRESENTATIVE) APPROVAL OF THE STORMWATER POLLUTION PREVENTION PLAN AMENDMENT

"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 ensure 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 and imprisonment for knowing violations".

Owner (or Authorized Representative) Signature _____ Date _____

Name and Title _____ Telephone Number _____

3. INTRODUCTION AND PROJECT DESCRIPTION

3.1 Project Information and Background

Name of Facility:	RICE SOLAR ENERGY PROJECT
Address:	The site is on the south side of Highway 62 in Riverside County, CA, east of the Twentynine Palms city limits. The project is located in sections 19, 20, 29, and 30 of Township 1S, Range 21E, San Bernardino Base & Meridian, Riverside County, CA. The site is accessed from road directly leading into the site off Highway 62. This site is the location of the decommissioned Rice Airfield approximately 1.0 mile to the east of Midland Road.
Type of Facility:	Solar Thermal Power Plant
Owner/Operator:	SolarReserve, LLC 2425 Olympic Blvd., Suite 500E Santa Monica, CA 90404
Contractor:	To Be Determined

SolarReserve proposes to install a solar thermal energy power plant at the former Rice Army Airfield in Riverside County, California, about 0.5 miles south of Highway 62 and about 76 miles east of Twentynine Palms, California (refer to **Attachment 1**). The solar power plant ("project site") is expected to occupy an approximately 1,410 acre area south of Highway 62. The site boundary will be defined by the fenced and gated perimeter of the project site upon which the solar power plant will be constructed.

The site improvements shall include a perimeter and access road, electrical equipment (step up transformers, inverters, switchyard, communications shelter and plant switchgear), equipment, facility and building foundations, solar components support structures, fencing and gate(s).

3.2 Unique Site Features

The expected rainfall in a 25 year, 24 hour storm is 1.8 inches (NRCS). The mean annual precipitation is 4.26 inches (WRCC 2005).

Stormwater runoff at the site is predominantly sheet flow from the north out of the mountains to the south, eventually discharging into the undeveloped dry desert bed.

With exception of the power block areas, site development will maintain controlled collection of ditch flow exiting to channels and then offsite in an area very similar in location and manner as the undeveloped discharge.

The diversions ditches and evaporation areas will be designed to pass flow from a 100 year storm event to prevent damage to facilities; the design will also include in its calculations stormwater run-on to the site.

Paved access roads will be protected from floods via ditches and culverts and rip rap or other stabilized means on the shoulders/slopes. Overall the project is being designed to maintain, to the extent possible, the existing sheet flow patterns on the site.

The site has an existing grade of less than 2% slope, which is suitable for the installation of solar panel components; therefore no additional grading in the solar field is required. There are no trees or known archeological or historic artifacts, or known endangered flora or fauna.

The Project site is not located in a flood zone, based on FEMA flood zones maps. Groundwater depths vary and are estimated at 364 feet below ground surface based on drilling report by AZCA Drilling & Pump, Inc, dated August 20, 2008.

3.3 Construction Site Estimates

The following are estimates of the construction site:

Construction site area ⁽¹⁾	1,500	Acres
Percentage impervious area before construction ⁽²⁾	6	.4%
Percentage impervious area after construction ⁽³⁾	100	6.6%
Anticipated storm water run-on during 10-year 6-hour event ⁽⁴⁾	74.44	Cfs

(1) This includes the area north of the project site that will be accessed for construction

(2) This includes the roads

(3) This includes the roads and solar component foundations

(4) The elevated perimeter road, and existing offsite drainage lines and irrigation channels will prevent run-on

It is assumed that all rainfall on the construction site shall flow towards the low point of the site. In the 100 year, 24 hour storm event, 3.78 inches of rainfall shall fall (NRCS). The detention/retention basin/temporary sediment basin has been assessed for use in coordination with other sediment BMP measures (refer **Attachment 4**).

3.4 Project Schedule/Water Pollution Control Schedule

The following is a potential schedule of construction activities sequenced with the implementation of construction BMPs. SolarReserve proposes a 27-month construction schedule, which is TBD and anticipates commencing commercial operation by the end of 2013. Grading operations are anticipated to be completed in TBD.

The rainy season in Riverside County commences on October 1st and ends on May 31st of each calendar year.

Estimated Start Date	Estimated Finish Date	Construction Activity
October 1	May 31	Rainy Season (Southern California/Santa Ana Region 8 Area)
TBD	TBD	SWPPP Approved
TBD	TBD	Mobilization
TBD	TBD	Project/Construction Start Date
TBD	TBD	Delineate and mark the boundaries of the construction zone
TBD	TBD	Construct Material/Waste Storage Facilities
TBD	TBD	Construct Stabilized Construction Entrance/Exit
TBD	TBD	Install/Maintain Temporary Sediment Controls
TBD	TBD	Install/Maintain Temporary Soil Stabilization
TBD	TBD	Install Sediment Basin / Retention Basin / Ponds
TBD	TBD	Clearing, Grading, Site contouring
TBD	TBD	Construct underground utilities
TBD	TBD	Installation of PV Modules, associated equipment, facilities and buildings
TBD	TBD	Commissioning and Testing

3.5 Contact Information / List of Responsible Parties

The Contractor Storm Water Pollution Prevention Manager (SWPPM) assigned to this project is:

Name: _____

Telephone Number: _____

Contractor's Company Name: _____

Contractor's Company Address: _____

The SWPPM shall have primary responsibility and significant authority for the implementation, maintenance, inspection and amendments to the approved SWPPP. The SWPPM will be available at all times throughout the duration of the project. Duties of the SWPPM include but are not limited to:

- Ensuring full compliance with the SWPPP and the Permit
- Implementing all elements of the SWPPP, including but not limited to:
 - Implementation of prompt and effective erosion and sediment control measures;

- Implementing all non-storm water management, and materials and waste management activities such as: monitoring discharges (dewatering, diversion devices); general site clean-up; vehicle and equipment cleaning, fueling and maintenance; spill control; ensuring that no materials other than storm water are discharged in quantities which will have an adverse effect on receiving waters or storm drain systems; etc.
- Pre-storm inspections;
- Storm event inspections;
- Post-storm inspections;
- Routine inspections as specified in the project's specifications or described in the SWPPP
- Updates/Amendments to the SWPPP, as needed;
- Preparing annual compliance certification for Owner's, or Owner's authorized representative, signature;
- Ensuring elimination of all unauthorized discharges;
- The SWPPM shall be assigned authority by the Contractor to mobilize crews in order to make immediate repairs to the control measures;
- Coordinate with the Contractor to assure all of the necessary corrections/repairs are made immediately, and that the project complies with the SWPPP, the Permit and approved plans at all times; and
- Submitting Notices of Discharge and reports of Illicit Connections or Illegal Discharges.

4. REFERENCES

The following documents are made a part of this SWPPP by reference:

- State Water Resources Control Board (SWRCB) Order No. 99-08-DWQ, NPDES General Permit No. CAS000002 (“General Permit”), WDRs for Discharges of Storm Water Runoff Associated with Construction Activity, August 19, 1999.
- Modification of SWRCB Order 99-08-DWQ, NPDES General Permit No. CAS000002 (“General Permit”), WDRs for Discharges of Storm Water Runoff Associated with Construction Activity to include Small Construction Activity (One to Five Acres).
- SWRCB Resolution No. 2001-046, “Modification of Water Quality Order 99-08-DWQ SWRCB NPDES General Permit For Storm Water Discharges Associated With Construction Activity (CGP),” to amend the monitoring provisions of the General Permit for sampling and analysis requirements.
- California Storm Water BMP Handbook – Construction, January 2003;
- Storm Water Management for Construction Activities – Developing Pollution Prevention Plans and Best Management Practices, EPA 832-R-92-005, October 1992.
- Riverside County Flood Control & Water Conservation District, <http://www.floodcontrol.co.riverside.ca.us/>, April 2009
- National Oceanic and Atmospheric Administration (NOAA), <http://www.noaa.gov/>, April 2009
- National Resources Conservation Service (NRCS), <http://www.nrcs.usda.gov/>, April 2009
- Rice Solar Project AFC Documents, WorleyParsons, 2009

5. BODY OF SWPPP

5.1 Objectives

This SWPPP has six main objectives:

- Identify all pollutant sources, including sources of sediment that may affect the quality of storm water discharges associated with construction activity (storm water discharges) from the construction site;
- Identify non-stormwater discharges;
- Identify, construct, implement in accordance with a time schedule, and maintain BMPs to reduce or eliminate pollutants in storm water discharges and authorized non-storm water discharges from the construction site during construction;
- Develop a maintenance schedule for BMPs installed during construction designed to reduce or eliminate pollutants after construction is completed (post-construction BMPs);
- Identify a sampling and analysis strategy and sampling schedule for discharges from construction activity which discharge directly into water bodies listed on Attachment 3 of the Permit (Clean Water Act Section 303(d) [303(d)] Water Bodies listed for Sedimentation) [refer to **Attachment 12**]; and
- For all construction activity, identify a sampling and analysis strategy and sampling schedule for discharges that have been discovered through visual monitoring to be potentially contaminated by pollutants not visually detectable in the runoff.

This SWPPP conforms to the required elements of the General Permit No. CAS000002 (Permit) issued by the State of California, State Water Resources Control Board (SWRCB). This SWPPP will be modified and amended to reflect any amendments to the Permit or any changes in construction or operations that may affect the discharge of pollutants from the construction site to surface waters or groundwater. The SWPPP will also be amended if it is in violation of any condition of the Permit or has not achieved the general objective of reducing pollutants in storm water discharges. The SWPPP shall be readily available onsite for the duration of the project.

5.2 Scope

The scope of this SWPPP covers all activities associated with the construction of the project. The selected Contractor will be responsible for performing temporary storm water management and erosion control during construction of the project using existing and new control measures described within this plan. The selected Contractor will also install all necessary permanent erosion controls and storm water management measures at the Site.

The Construction Contractor(s) will be required to sign the appropriate certification statements and keep the SWPPP on file in their project construction office. This SWPPP will not be final until adopted and certified by the Construction Contractor(s).

5.3 Vicinity Map

The construction project vicinity map(s) showing the project location, surface water boundaries, geographic features, construction site perimeter, and general topography, is located in **Attachment 1**.

Existing offsite drainage or receiving waters will not be impacted by construction activities pertaining to this SWPPP.

5.4 Pollutant Source Identification

The following is a list of construction materials that may be used and activities that may be performed that will have the potential to contribute pollutants, other than sediment, to storm water runoff. Control practices for each activity are identified in the **Section 5.7**:

- Vehicle fluids, including oil, grease, petroleum, and coolants;
- Cement materials associated with Portland cement concrete (PCC);
- Base, subbase and aggregate material;
- Joint and curing compounds;
- Concrete curing compounds;
- BMP materials such as sandbags and fencing;
- Treated lumber (materials and waste);
- PCC rubble; and
- General litter.

Construction activities that have the potential to contribute sediment to storm water discharges include:

- Perimeter road upgrade and access road installation;
- Delivery/transportation operations;
- Foundation/structure construction operations; and
- Vehicle and equipment cleaning, fueling and maintenance.

5.5 Existing (Pre-Construction) Control Measures

There shall be no existing BMP control measures on the Site. However, there are berms used to divert offsite flows around the Site when the Site was used as an airfield. The Site was a former commercial airfield has an existing grade of less than 2%.

5.6 Nature of Fill Material and Existing Data describing the Soil

The Project site's past use was a military and commercial airfield. It is presumed the upper 1 foot of soil consists of moderately disturbed soil, but further geological investigations will confirm soil conditions, toxicity levels, permeability and moisture content.

5.7 BMP Selection

Attachment 3 lists all BMPs that have been selected for potential implementation in this project. Actual BMPs will be selected based on need during implementation of the project (i.e., based on the materials actually used and the activities actually conducted).

Narrative descriptions of BMPs to be used during the project are listed by category in each of the following SWPPP sections. **Attachment 13** includes copies of the fact sheets of all the BMPs selected for this project.

5.7.1 Erosion Control

Erosion control, also referred to as soil stabilization, consists of source control measures that are designed to prevent soil particles from detaching and becoming transported in storm water runoff. Erosion control BMPs protect the soil surface by covering and/or binding soil particles. This project will incorporate erosion control measures required by the contract documents, and other measures selected by the Contractor and/or SWPPP Manager from the BMPs identified in this SWPPP. The following practices will be implemented for effective temporary and final erosion control during construction:

- 1) Preserve existing vegetation where required and when feasible.
- 2) Apply temporary erosion control to remaining active and non-active areas as from the California Storm water BMPs Handbook – Construction as required by the contract documents or as necessary based on the judgment of the Contractor and/or SWPPM. Reapply as necessary to maintain effectiveness.
- 3) Implement temporary erosion control measures at regular intervals throughout the defined rainy season to achieve and maintain the contract's disturbed soil area requirements. Implement erosion control prior to the defined rainy season.
- 4) Stabilize non-active areas as soon as feasible after the cessation of construction activities.
- 5) Control erosion in concentrated flow paths by applying erosion control blankets, erosion control seeding, and lining swales as required in the contract documents.
- 6) At completion of construction, apply permanent erosion control to all remaining disturbed soil areas.

Sufficient erosion control materials will be maintained onsite to allow implementation in conformance with Permit requirements and described in this SWPPP. This includes implementation requirements for active areas and non-active areas that require deployment before the onset of rain.

The following BMPs have been selected for Erosion Control:

- EC-1, Scheduling

- EC-2, Preservation of Existing Vegetation
- EC-3, Hydraulic Mulch
- EC-6, Straw Mulch
- EC-7, Geotextiles, Plastic Covers and Erosion Control Blankets/Mats
- EC-9, Earth Dikes and Drainage Swales

EC-1, EC-2 Scheduling and Preservation of Existing Vegetation

The project schedule will sequence construction activities with the installation of both soil stabilization and sediment control measures. BMPs will be deployed in a sequence to follow the progress of grading and construction. The construction schedule will be arranged as much as practicable to leave existing vegetation undisturbed until immediately prior to grading.

EC-3, EC-6 Hydraulic Mulch and Straw Mulch

Straw mulch may be applied to all bare areas around the perimeter to the Site that will drain directly to off site drain areas and may also be applied to the disturbed areas adjacent to excavations and on shallow slopes surrounding the Site, and used to cover exposed soil and stockpiled material areas.

EC-7 Geotextiles, Plastic Covers and Erosion Control Blankets/Mats

Polyethylene covers may be used to cover exposed soil (including the berm) and stockpiled material areas. Covers will be placed over stockpiles prior to forecast storm events, and anchored to prevent damage by wind.

EC-9 Earth Dikes and Drainage Swales

Earth dikes or swales may be used to intercept and divert sediment-laden storm water to sediment traps to control sheet flow over the Site and sediment build up in the sediment basin area .

5.7.2 Sediment Control

Sediment controls are structural measures that are intended to complement and enhance the soil stabilization (erosion control) measures and reduce sediment discharges from construction areas. Sediment controls are designed to intercept and settle out soil particles that have been detached and transported by the force of water. This project will incorporate minimum temporary sediment control requirements, temporary sediment control measures required by the contract documents, and other measures selected by the Contractor, SWPPM, or Owner.

Sediment control BMPs will be installed at all appropriate locations along the Site perimeter at all times during the rainy season. During the non-rainy season, the sediment basin or trap shall be used to capture the sediment discharges.

Sufficient quantities of temporary sediment control materials will be maintained onsite throughout the duration of the project, to allow implementation of temporary sediment controls in the event of predicted rain, and for rapid response to failures or emergencies, in conformance with other Permit requirements and as described in this SWPPP. This includes implementation requirements for active areas and non-active areas before the onset of rain.

The following BMPs have been selected for Sediment Control:

- SE-1, Silt Fence
- SE-2, Sediment Basin
- SE-3, Sediment Trap
- SE-5, Fiber Rolls
- SE-7, Street Sweeping and Vacuuming
- SE-8, Sandbag Barrier

SE-1 Silt Fence

Silt fences shall be installed along the perimeter of the construction site to intercept sediment laden run off and run on at locations where run on and run off can occur. Silt fences shall be used to protect the perimeter drainage swale from sediment built up. Silt fences will also be placed around the base of temporary stockpile areas.

SE-2 Sediment Basin

A sediment basin area shall be located in the lowest part of the site and may be used in association with drainage swales and fiber rolls to retain runoff and allow excessive sediment to settle prior to discharge. If the basin area is not dry within 72 hours, it must be pumped dry. If it fills over capacity, there may be localized flooding however this shall be monitored by the Contractor and SWPPM to ensure surrounding properties are not impacted. Refer to **Attachment 4** for calculations of the required basin area size.

SE-3 Sediment Traps

In conjunction with the sediment basin area, sediment traps shall be constructed to collect, intercept and trap sediment-laden runoff.

SE-5 Fiber Rolls

Fiber rolls may be placed along the perimeter of the Site to intercept runoff and provide removal of sediment from the runoff. Additionally fiber rolls will be placed perpendicularly to the flow of water within on site drain ditches to remove sediment from the runoff.

SE-7 Street Sweeping and Vacuuming

Street sweeping and vacuuming is required to remove the sediment from the public and private roadways, typically at the point of egress.

SE-8 Sandbag Barriers

Sandbag barriers (or rock barriers) may be placed at the toe of slopes or stockpiles, at sediment traps at culvert/pipe outlets and along the perimeter of the Site as a linear sediment control measure

5.7.3 Wind Control

The following BMPs have been selected to control dust from the construction site:

- WE-1, Wind Erosion Control

WE-1 Wind Erosion Control

Non-potable water will be applied to disturbed soil areas of the Site as needed to control dust and maintain optimum moisture levels for compaction. The water will be applied using water trucks. Project soils will be disturbed and exposed during dates allocated in the Construction Schedule. Water applications will be concentrated during the late summer and early fall months.

Wind Erosion Control and Water Conservation Practices BMPs will be implemented to provide dust control while at the same time preventing storm water runoff. Water application rates will be minimized as necessary to prevent runoff and ponding and water equipment leaks will be repaired immediately.

During windy conditions (forecast or actual wind conditions of approximately 20 mph or greater), dust control will be applied to disturbed areas, including haul roads to adequately control wind erosion.

Stockpile management using silt fences, sand bag barriers and plastic covers will be implemented to prevent wind dispersal of sediment from stockpiles.

5.7.4 Tracking Control

The following BMPs have been selected to reduce sediment tracking from the construction site onto private or public roads:

- TC-1, Stabilized Construction Entrance/Exit

- TC-2, Stabilized Construction Roadway

TC-1 Stabilized Construction Entrance/Exit

A stabilized construction entrance/exit will be constructed as shown on the WPCDs. The Site entrance/exit will be stabilized to reduce tracking of sediment as a result of construction traffic. The entrance will be designated and graded to prevent runoff from leaving the Site. Stabilization material will be 3- to 6-inch crushed aggregate. The entrance will be flared where it meets the existing road to provide an adequate turning radius. The Site entrance/exit shall only be installed to reduce tracking of sediment during dirt-hauling activities that extend over a one-week time period.

TC-2 Stabilized Construction Roadway

The construction roadway through the Site will also be designated and stabilized to prevent erosion and to control tracking of mud and soil material onto adjacent roads. The roadway will be clearly marked for limited speed to control dust. On site vehicle speed shall be limited to reduce air born dust creation. Refer to the WPCDs for entrance/exit and construction roadway locations (**Attachment 2**). Aggregate may be placed as a stabilization material, if needed. A regular maintenance program will be conducted to replace sediment-clogged stabilization material with new stabilization material.

5.7.5 Non-Storm Water Discharges

Non-stormwater discharges consist of all discharges which do not originate from precipitation events (i.e. stormwater).

The following BMPs have been selected for non-storm water discharges:

- NS-1, Water Conservation Practices
- NS-2, Dewatering Practices
- NS-6; Illicit Connection / Discharge
- NS-8, Vehicle and Equipment Cleaning
- NS-9, Vehicle and Equipment Fueling
- NS-10, Vehicle and Equipment Maintenance
- NS-11, Pile Driving Operations
- NS-12, Concrete Curing
- NS-13, Concrete Finishing

NS-1 Water Conservation Practices

Water application rates will be minimized as necessary to prevent runoff and ponding. Water equipment leaks will be repaired immediately. The water truck filling area will be stabilized.

NS-2 Dewatering Practices

Dewatering may be required to remove groundwater from the sediment basin, remove stormwater runoff in the basin area for longer than 72 hours (refer to BMP SE-2) or for maintenance purposes (removal of sediment is required when the storage volume is reduced by one-half).

NS-6 Illicit Connection / Discharge

The contractor will implement the Illegal Connection/Illegal Discharge Detection Reporting BMP throughout the duration of the project.

NS-8, NS-9, NS-10 Vehicle and Equipment Operations

Several types of vehicles and equipment will be used onsite throughout the project, including graders, scrapers, rollers, trucks and trailers and forklifts. BMPs NS-9, Vehicle and Equipment Fueling, and NS-10, Vehicle and Equipment Maintenance will be utilized to prevent discharges of fuel and other vehicle fluids. Except for concrete washout, vehicle cleaning will not be performed onsite.

A temporary fueling area shall be established in the laydown area(s), protected with berms and dikes to prevent runoff and to contain spills. All wheeled vehicles shall be fueled offsite or at the temporary fueling area. Fuel trucks, each equipped with a spill clean-up kit including absorbent spill clean-up materials, shall be used for all onsite fueling, whether at the temporary fueling area or for mobile fueling elsewhere on the site. Drip pans shall be used during all mobile fueling. The fueling truck shall be parked on the paved fueling area during overnight storage.

Drip pans or absorbent pads will be used for all vehicle and equipment maintenance activities that involve grease, oil, solvents, or other vehicle fluids.

All vehicle maintenance and mobile fueling operations will be conducted at least 50 feet away from the sediment basin and drainage facilities and on a level graded area.

NS-11 Pile Driving Operations

The contractor will implement the Pile Driving Operations BMP when installing piling for equipment and building foundations.

NS-12, NS-13 Concrete Curing and Finishing

Excess cure water and water from high pressure blasting will be collected and disposed of, and should not be allowed to enter into the sediment basin. Wet blankets will be used wherever possible to eliminate excess cure water.

5.7.6 Waste Management and Materials Pollution Control

Waste management consists of implementing procedural and structural BMP's for collecting, handling, storing and disposing of wastes generated by a construction project to prevent release of waste materials into stormwater discharges.

The following BMPs have been selected for waste management and materials pollution control:

- WM-1, Material Delivery and Storage
- WM-2, Material Use
- WM-3, Stockpile Management
- WM-4, Spill Prevention and Control
- WM-5, Solid Waste Management
- WM-6, Hazardous Waste Management
- WM-8, Concrete Waste Management
- WM-9, Sanitary/Septic Waste Management
- WM-10, Liquid Waste Management

WM-1, WM-2 Material Delivery, Storage and Use

In general, BMPs shall be implemented to help prevent discharges of construction materials during delivery, storage, and use. The general material storage area shall be located in the laydown area as shown on the WPCDs. A sandbag barrier, swale or berm shall be provided around the storage area to prevent run-on from adjacent areas.

Watertight containers will be used to store hand tools, small parts, and most construction materials that can be carried by hand, such as paint cans, solvents and grease.

If hazardous materials are being stored, a separate covered storage/containment facility shall be constructed adjacent to the shipping containers to provide storage for larger items such as drums and items shipped or stored on pallets. Liquids, petroleum products and substances listed in 40 CFR 110, 117 and 302 shall be contained. This containment volume shall contain rainfall from the 24-hr, 25 year storm event, plus the greater of 10% of the aggregate volumes of all containers or 100% capacity of the largest container within the boundary.

Very large items, such as framing materials, steel and stockpiled lumber, will be stored in the open in the general storage area. Such materials will be elevated with wood blocks to minimize contact with run-on.

Spill clean-up materials shall be maintained and stored in the storage area. Material safety data sheets (MSDS), a material inventory, and emergency contact numbers shall be posted in the area.

WM-3 Stockpile Management

BMP WM-3, Stockpile Management will be implemented to reduce or eliminate pollution of storm water from stockpiles of soil and materials such as portland cement concrete, rubble, asphalt concrete, asphalt concrete rubble, aggregate base, aggregate sub-base, pre-mixed aggregate and asphalt binder (so called "cold mix" asphalt), or other stockpiled materials. Stockpiles shall be surrounded with sediment controls. Plastic covers shall be used to cover exposed soil stockpiled material areas.

WM-4 Spill Prevention and Control

BMP WM-4, Spill Prevention and Control will be implemented to contain and clean-up spills and prevent material discharges to the storm drain system.

Employees and subcontractors shall be familiar with potential environmental impacts resulting from the materials they are handling. Good Housekeeping practices shall be implemented to control spills including the use of secondary containment, and designating specific areas for equipment maintenance. This practice will be applied to all solid and liquid materials, including, but not limited to: fuels, lubricants, other petroleum distillates, paints, solvents, cement, mortar, soil stabilizers, and fertilizers. In addition, this practice will be applied to storage areas for chemicals and/or hazardous substances, fuel areas, and vehicles/equipment transporting and handling chemicals and other hazardous substances.

WM-5 Solid Waste Management

BMP WM-5, Solid Waste Management BMPs shall be implemented, if applicable to minimize storm water contact with waste materials and prevent waste discharges. Solid wastes include wood refuse, metal and glass containers, protective plastic coverings discarded bags, and other discarded materials and rubbish. Solid wastes will be loaded directly onto trucks for offsite disposal. When onsite storage is necessary, solid wastes will be collected and stored in watertight dumpsters in the general storage area of the laydown area. Solid waste will be removed and disposed offsite at least weekly.

Liquid wastes, if applicable, will be stored in the covered containment area discussed above for materials storage.

WM-6 Hazardous Waste Management

BMP WM-6, Hazardous Waste Management BMPs shall be implemented, if applicable to minimize storm water contact with waste materials and prevent waste discharges.

Any solid or liquid hazardous wastes shall be stored in appropriate and clearly marked containers in the covered containment area and segregated from other waste and non-waste materials. Wastes shall be stored in sealed containers constructed of a suitable material and shall be labeled as required by Title 22 CCR, Division 4.5 and 49 CFR Parts 172, 173, 178, and 179. All hazardous waste shall be stored, transported, and disposed as required in Title 22 CCR, Division 4.5 and 49 CFR 261-263.

WM-8 Concrete Waste Management

Discharges from concrete placement will consist of rinse water and residual concrete (PCC, aggregates, admixture, and water). Estimated pour dates are shown on the project construction schedule and shall not be conducted during or immediately prior to rainfall events.

Concrete waste management will be implemented in accordance with contract documents and the Concrete Waste Management BMP. Concrete washout facilities will be maintained at the laydown area and designed in accordance with project plans and specifications. All excess concrete and concrete washout slurries shall be discharged to the on site washout facility for drying or left in the delivery truck and returned to the on site batch plant for recycling. BMP maintenance, waste disposal, and BMP removal shall be conducted as described in the Concrete Waste Management BMP.

WM-9 Sanitary/Septic Waste Management

The contractor shall implement the Sanitary and Septic Waste Management BMP. Portable toilets shall be located and maintained at the laydown area for the duration of the project. Specific locations are shown on the WPCDs. Weekly maintenance shall be provided by a licensed contractor and wastes shall be disposed offsite. The toilets shall be located away from concentrated flow paths and traffic flow.

5.8 Water Pollution Control Drawings

Implementation and location of BMPs are shown on the water pollution control drawings (WPCDs) in **Attachment 2**.

5.9 Construction BMP Maintenance, Inspection and Repair

Site inspections shall be conducted by the Contractor at the following minimum frequencies:

- Prior to a forecast storm;
- After a rain event that causes runoff from the construction site;
- At 24-hour intervals during extended rain events;
- Weekly during the rainy season;
- Every two weeks during the non-rainy season; and
- At any other time(s) or intervals of time specified in the Contract documents.

Completed inspection checklists shall be submitted to the Engineer within 24 hours of inspection. Copies of the completed checklists will be kept with the SWPPP. A tracking or follow-up procedure shall follow any inspection that identifies deficiencies in BMPs. A program for Maintenance, Inspection and Repair of BMPs shall be provided in **Attachment 6** of this SWPPP. In accordance with this program, the following activities shall be undertaken:

- All year round:
 - Weather reports will be monitored to track conditions and alert crews to the onset of rainfall events.
 - Disturbed soil areas will be stabilized with temporary erosion control or with permanent erosion control as soon as possible after rough grading is complete.
 - Wind Controls BMP's
 - Tracking Control BMP's
 - Non-Stormwater Discharges BMP's
 - Waste Management BMPs

- During the rainy season:
 - Disturbed areas will be stabilized with temporary or permanent erosion control before rain events.
 - Disturbed areas that are substantially complete will be stabilized with permanent erosion control (soil stabilization) and vegetation (if within seeding window for seed establishment).
 - Prior to forecast storm events, temporary erosion control BMPs will be deployed and inspected.

- During the non rainy season, the construction schedule will be arranged as much as practicable to leave existing vegetation undisturbed until immediately prior to rough grading.

5.10 Post Construction Storm Water Management

5.10.1 Post Construction Control Practices

The Owner shall be responsible for ensuring all construction activity is completed as permitted, to implement permanent pollution prevention practices and to maintain permanent structural controls.

The following are the post-construction erosion and sediment control BMPs that are to be used at this construction site after all construction is complete, but are not limited to:

- Removal of debris
- Removal of temporary BMP measures (if necessary)

- Implementation of an Operational Storm Water Pollution and Prevention Control Plan and National Pollution Discharge and Elimination System

5.10.2 Operation/Maintenance after Project Completion

The post-construction BMPs that are described above will be funded and maintained by owner.

5.11 Training

Section 3.5 shows the name of the contractor's SWPPM. This person has received training as described in **Attachment 8**.

Contractor/Subcontractors shall train his/her employees regarding implementing and maintenance of the stormwater management practices and controls described in this SWPPP. Onsite construction personnel will have the responsibility for installation and maintenance of on-site BMPs.

The training log showing formal and informal training of various personnel is shown in **Attachment 8**. Training records shall be updated, documented and reported in the SWPPP quarterly. Documentation of new training shall be submitted to the Owner/Engineer within 24-hours of training.

Ongoing, formal training sessions shall be selected from one of the following organizations:

- State of California RWQCB;
- IECA, ABAG and/or AGC sponsored training;
- USEPA sponsored training;
- Recognized municipal stakeholder organizations throughout California; and
- Professional organizations and societies in the building and construction field

Informal training shall include tailgate site briefings to be conducted bi-weekly and address the following topics:

- Erosion Control BMPs;
- Sediment Control BMPs;
- Tracking and Wind Erosion Control BMPs;
- Non-Storm water BMPs;
- Waste Management and Materials Pollution Control BMPs;
- Emergency Procedures specific to the construction site storm water management; and
- Sampling and Analysis.

Other personnel attending tailgate training shall document attendance using the form in **Attachment 8**.

This SWPPP was prepared by WorleyParsons, under the direction of Mr. Bob Anders, a registered Professional Civil Engineer in the State of California. Mr. Anders has over 20 years of experience in

civil projects including the preparation of numerous project-specific Storm water Pollution Prevention Plans (SWPPPs).

All contractors and subcontractors shall be notified of the requirement for storm water management measures during the project. A list of contractors shall be maintained and included in the SWPPP. If subcontractors change during the project, the list shall be updated accordingly. The subcontractor notification letter and log is included as **Attachment 9**.

5.13 Other Plans / Permits

Following is a list of the plans and permits included in **Attachment 12**.

- State Water Resources Control Board (SWRCB) Resolution 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, August 1999, and amendments.

6. MONITORING PROGRAM AND REPORTS

6.1 Site Inspections

Site inspections shall be conducted by the Contractor's SWPPM or other approved trained staff at the following minimum frequencies:

- Prior to a forecast storm;
- After a rain event that causes runoff from the construction site;
- At 24-hour intervals during extended rain events;
- Weekly during the rainy season;
- Every 2 weeks during the non-rainy season; and
- At any other time(s) or intervals of time specified in the Contract documents.

The results of all inspections and assessments shall be documented, a copy shall be provided to the SWPPM within 24 hours of the inspection, and copies of the completed inspection checklists shall be maintained with the SWPPP. Site inspections conducted for monitoring purposes shall be performed using the inspection checklist shown in **Attachment 7**.

The name(s) and contact number(s) of the assigned inspection personnel are listed below and their training qualifications are provided in **Attachment 8**.

Assigned Inspector: _____

Contact Phone No.: _____

Alternate Inspector: _____

Contact Phone No.: _____

6.2 Discharge Reporting

If a discharge occurs or if the project receives a written notice of non-compliance, the Contractor will immediately notify the Owner and will file a written report to the Owner within 7 days of the discharge or notice. The Owner is responsible for filing a written report to the RWQCB within 30 days or identification of non-compliance.

Discharges requiring reporting include:

- Discharge of hazardous substances above the reportable quantities in 40 CFR 110.3, 117.3 or 302.4;
- Storm water runoff containing hazardous substances from spills discharged to a waterway or storm drain system;
- Where water quality sample results indicate elevated levels of non-visible pollutants;
- Discharges that may endanger health or the environment; and

The report to the SWPPM will contain the following items (refer to **Attachment 10** for the Non-Compliance form):

- The date, time, location, nature of operation, and type of unauthorized discharge, including the cause or nature of the notice or order;
- The control measures (BMPs) deployed before the discharge event, or prior to receiving notice or order;
- The date of deployment and type of control measures (BMPs) deployed after the discharge event, or after receiving the notice or order, including additional measures installed or planned to reduce or prevent re-occurrence; and
- An implementation and maintenance schedule for any affected BMPs.

Corrective measures will be implemented immediately following the non-compliance and all discharges documented recorded in the Discharge Reporting Log in **Attachment 15**.

The Regional Board's address is:

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

6.3 Record Keeping and Reports

Upon completion of the project's construction and termination of coverage under the General Permit, all records shall be retained by the Owner/operator with a copy of the final Plan. The Owner shall retain records of all monitoring inspections, compliance certification, and non-compliance reports for a period of three years as part of the SWPPP.

If the ownership of a portion of the project is transferred, a Change of Information form must be submitted to the RWQCB with a revised site map, and name, address and phone number of the new owners. A copy of the Change of Information Form is in **Attachment 16**.

Please note that the Owner/Developer is subject to the annual fee until a Notice of Termination is filed and approved with the RWQCB. A copy of the form can be found in Attachment 17 of this SWPPP.

6.4 Sampling and Analysis Plan for Sediment

Sampling and analysis plans (SAP's) for sediment are only required if the construction site directly discharges into a water body listed for sedimentation/siltation pursuant to the Clean Water Act, Section 303(d). The project site discharges into a dry desert basin, therefore a SAP for sediment is not required.

6.5 Sampling and Analysis Plan for Non-Visible Pollutants

This Sampling and Analysis Plan (SAP) for Non-Visible Pollutants describes the sampling and analysis strategy and schedule for monitoring non-visible pollutants in storm water discharges from the Site, in accordance with the requirements of Section B of the General Permit, including SWRCB Resolution 2001-046.

6.5.1 Scope Monitoring Activities

The construction materials, wastes, or activities, as identified in **Section 5.4** are potential sources of non-visible pollutants to storm water discharges from the project.

Sampling for non-visible pollutants will be conducted when (1) a breach, leakage, malfunction, or spill is observed; and (2) the leak or spill has not been cleaned up prior to the rain event; and (3) there is the potential for discharge of non-visible pollutants to surface water/groundwater or drainage system through direct contact between the potential contaminant source and storm water.

The most effective way to avoid the sampling and analysis requirements, and to ensure permit compliance, is to avoid the exposure of construction materials to precipitation and stormwater runoff.

6.5.2 Monitoring Strategy

Sampling Strategy

In conformance with the U.S. Environmental Protection Agency definition, a minimum of 72 hours of dry weather will be used to distinguish between separate rain events. Collection of discharge samples for non-visible pollutant monitoring will be triggered when any of the following conditions are observed during the required inspections conducted before or during rain events:

- Materials or wastes containing potential non-visible pollutants are not stored under watertight conditions. Watertight conditions are defined as (1) storage in a watertight container, (2) storage under a watertight roof or within a building, or (3) protected by temporary cover and containment that prevents storm water contact and runoff from the storage area.
- Materials or wastes containing potential non-visible pollutants are stored under watertight conditions, but (1) a breach, malfunction, leakage, or spill is observed, (2) the leak or spill is not cleaned up prior to the rain event, and (3) there is the potential for discharge of non-visible pollutants to surface waters or groundwaters.
- An operational activity, including but not limited to those in **Section 5.4**, with the potential to contribute non-visible pollutants (1) was occurring during or within 24 hours prior to the rain event, (2) applicable BMPs were observed to be breached, malfunctioning, or improperly implemented, and (3) there is the potential for discharge of non-visible pollutants to surface waters or a storm sewer system.
- Soil amendments that have the potential to change the chemical properties, engineering properties, or erosion resistance of the soil have been applied, and there is the potential for discharge of non-visible pollutants to surface waters or ground waters.

If sampling for non-visible pollutant(s) is needed, the storm water samples and a sufficiently large uncontaminated background sample will be collected during the first two hours of discharge from rain events that result in a sufficient discharge for sample collection. Samples will be collected during daylight hours (sunrise to sunset) and will be collected regardless of the time of year, status of the construction site, or day of the week.

Sampling Locations

Sampling locations will be based on proximity to planned non-visible pollutant storage, occurrence or use; accessibility for sampling, personnel safety; and other factors in accordance with the applicable requirements in the Permit. Samples of discharge shall be collected at the designated sampling locations for observed breaches, malfunctions, leakages, spills, operational areas, soil amendment application areas, and historical site usage areas that triggered the sampling event.. Additional sampling locations, if any, will be based on field conditions.

6.5.3 Monitoring Preparations

Samples on the Site will be collected by the following contractor sampling personnel:

Name: _____
Telephone Number: _____
Alternative Name (s): _____
Alternates Telephone Number: _____

Prior to the rainy season, all sampling personnel and alternates will review the SAP. Qualifications of designated Contractor personnel describing environmental sampling training and experience are provided in **Attachment 8**.

An adequate stock of monitoring supplies and equipment for monitoring non-visible pollutants will be available on the Site prior to a sampling event. Monitoring supplies and equipment will be stored in a cool-temperature environment that will not come into contact with rain or direct sunlight. Sampling personnel will be available to collect samples in accordance with the sampling schedule.

Supplies maintained at the Site will include, but are not limited to, nitrile gloves, sample collection equipment, coolers, appropriate number and volume of sample bottles, identification labels, re-sealable storage bags, paper towels, personal rain gear, ice, Sampling Activity Log forms, and Chain of Custody (COC) forms. The Contractor will obtain and maintain the field-testing instruments for analyzing samples in the field by Contractor sampling personnel.

Safety practices for sample collection will be in accordance with the approved Site-Specific Health and Safety Plan.

6.5.4 Analytical Constituents

Table 1 lists a range of sources and types of potential non-visible pollutants which may be applicable on the Site and the associated water quality indicator constituent(s) for that pollutant.

Table 1: Sources and Types of potential non-visible pollutants

Category	Possible Products	Potential Pollutants
Masonry & Concrete	Dusts (Brick, Cement) Colored Chalks (Pigments) Glazing Compounds Cleaning Surfaces	Acidity, Sediments Metals Asbestos Acidity
Floors and Walls	Flashing Drywall Tile Cutting (Ceramic Dust) Adhesives	Copper, Aluminum Dusts Minerals
Air Conditioning and Heating	Insulation Coolant Reservoirs Adhesives	Asbestos Freon
Yard Operations and Maintenance	Vehicle and Machinery Maintenance Gasoline, Oils, Additives Marking Paints (Sprays) Grading, Earth Moving Portable Toilets Fire Hazard Control (Herbicides) Health and Safety Wash Waters	Oil, Grease, Coolants Benzene & Derivatives, Oils & Grease Vinyl Chloride, Metals Erosion (Sediments) BOD, Disinfectants (Spills) Sodium Arsenite, Di-nitro Compounds, Rodenticides Insecticides, Herbicides, Concrete, Greases, BOD
Earth Moving	Excavation, Tilling Masonry & Concrete Exposing Natural Lime or Mineral Deposits Soil Additives Re-vegetation of Graded Areas	Pesticides, Herbicides, Nutrients, Erosion (Sediments) Solid Wastes Acidity/Alkalinity, Metals Aluminum Sulfate, Sulfur Fertilizers
Materials Storage	Waste Storage (Used Oils, Solvents, Etc.) Hazardous Waste Containment Raw Material Piles	Spills, Leaks, Polluted discharge Spills, Leaks, Polluted discharge Dusts, Sediments, Polluted Discharge

6.5.5 Sample Collection and Handling

Sample Collection Procedures

Grab samples shall be collected and preserved in accordance with the methods identified in **Table 3**, "Sample Collection, Preservation and Analysis for Monitoring Non-Visible Pollutants." Only personnel trained in proper water quality sampling shall collect samples. Include copies of training records in **Attachment 8**.

Samples shall be collected by placing a separate laboratory-provided sample container directly into a stream of water downgradient and within close proximity to the potential non-visible pollutant discharge location. This separate laboratory-provided sample container shall be used to collect water, which shall be transferred to sample bottles for laboratory analysis. The upgradient and uncontaminated

background samples shall be collected first prior to collecting the downgradient to minimize cross-contamination. The sampling personnel shall collect the water upgradient of where they are standing. Once the separate laboratory-provided sample container is filled, the water sample shall be poured directly into sample bottles provided by the laboratory for the analyte(s) being monitored.

To maintain sample integrity and prevent cross-contamination, sampling collection personnel shall:

- Wear a clean pair of nitrile gloves prior to the collection and handling of each sample at each location;
- Not contaminate the inside of the sample bottle by not allowing it to come into contact with any material other than the water sample;
- Discard sample bottles or sample lids that have been dropped onto the ground prior to sample collection;
- Not leave the cooler lid open for an extended period of time once samples are placed inside;
- Not sample near a running vehicle where exhaust fumes may impact the sample;
- Not touch the exposed end of a sampling tube, if applicable;
- Avoid allowing rainwater to drip from rain gear or other surfaces into sample bottles;
- Not eat, smoke, or drink during sample collection;
- Not sneeze or cough in the direction of an open sample bottle;
- Minimize the exposure of the samples to direct sunlight, as sunlight may cause biochemical transformation of the sample to take place;
- Decontaminate sampling equipment prior to sample collection using a TSP-soapy water wash, distilled water rinse, and final rinse with distilled water; and
- Dispose of decontamination water/soaps appropriately (i.e., not discharge to the storm drain system or receiving water).

Sample Handling Procedures

Immediately following collection, sample bottles for laboratory analytical testing will be capped, labeled, documented on a Chain of Custody form provided by the analytical laboratory, sealed in a re-sealable storage bag, placed in an ice-chilled cooler, at as near to 4 degrees Celsius as practicable, and delivered within 24 hours to the following California state-certified laboratory:

Laboratory Name

Address

Telephone Number

Point of Contact

Immediately following collection, samples for field analysis shall be tested in accordance with the field instrument manufacturer's instructions and results recorded on the Sampling Activity Log.

Sample Documentation Procedures

All original data documented on sample bottle identification labels, COC forms, Sampling Activity Logs, and Inspection Checklists shall be recorded using waterproof ink. These shall be considered accountable documents. If an error is made on an accountable document, the individual shall make corrections by lining through the error and entering the correct information. The erroneous information shall not be obliterated. All corrections shall be initialed and dated. Copies of the COC form and Sampling Activity Log are provided in **Attachment 14**.

Duplicate samples shall be identified consistent with the numbering system for other samples to prevent the laboratory from identifying duplicate samples. Duplicate samples shall be identified in the Sampling Activity Logs.

Sampling and field analysis activities shall be documented using the following:

- **Sample Bottle Identification Labels:** Sampling personnel shall attach an identification label to each sample bottle. At a minimum, the following information shall be recorded on the label, as appropriate:
 - Project name
 - Project number
 - Unique sample identification code ~ SSSSYMMDDHHmmTT where:
 - SSSSS = sampling point number (e.g., CCUP1, CCDN2)
 - YY = last two digits of the year (e.g. 06)
 - MM = month (01-12)
 - DD = day (01-31)
 - HH = hour sample collected (00-23)
 - mm = minute sample collected (00-59)
 - TT = Type or QA/QC Identifier (if applicable)
 - G = grab
 - FS = field duplicate
 - For example, the sample number for a grab sample collected at Station CCUP1 collected at 4:15PM on December 8, 2006 would be: CCUP10612081615G
 - Collection date/time (No time applied to QA/QC samples)
 - Analysis constituent
 - Initials of person who collected the sample

- **Sampling Activity Logs:** A log of sampling events shall identify:
 - Sampling date;
 - Separate times for collected samples and QA/QC samples recorded to the nearest minute;
 - Unique sample identification number and location;
 - Analysis constituent;
 - Names of sampling personnel;
 - Weather conditions (including precipitation amount);
 - Field analysis results; and
 - Other pertinent data.
- **COC Forms:** All samples to be analyzed by a laboratory will be accompanied by a COC form provided by the laboratory. Only the sample collectors will sign the COC form over to the laboratory. COC procedures will be strictly adhered to for QA/QC purposes.
- **Stormwater Quality Construction Inspection Checklists:** When applicable, the contractor's Storm water inspector will document on the checklist that samples for non-visible pollutants were taken during a rain event.

6.5.6 Sample Analysis

Samples shall be analyzed for the applicable constituents listed in **Table 1**. **Table 2** lists potential analytical methods which may be applicable to this Site.

For samples collected for field analysis, collection, analysis and equipment calibration will be in accordance with the field instrument manufacturer's specifications.

The following field instrument(s) will be used to analyze the following constituents:

Field Instrument	Constituent

The instrument(s) will be maintained in accordance with manufacturer's instructions. The instrument(s) will be calibrated before each sampling and analysis event. Maintenance and calibration records will be maintained with the SWPPP.

Table 2: Sample Collection, Preservation and Analysis for Monitoring Non-Visible Pollutants

Constituent	Analytical Method	Minimum Sample Volume	Sample Bottle	Sample Preservation	Reporting Limit	Maximum Holding Time
VOCs-Solvents	EPA 8260B	3 x 40 mL	VOA-glass	Store at 4°C, HCl to pH<2	1 ug/L	14 days
PAHs	EPA 8270C	1 x 1 L	Glass-Amber	Store at 4°C	10 ug/L	7 days
pH	EPA 150.1	1 x 100 mL	Polypropylene	None	Unitless	Immediate
TDS	EPA 160.1	1 x 100 mL	Polypropylene	None	ppm	Immediate
Alkalinity	SM 2320B	1 x 250 mL	Polypropylene	Store at 4°C	1 mg/L	14 days
TPH as gasoline	EPA 8015B	3 x 40 mL	VOA-glass	Store at 4°C, HCl to pH<2	50 ug/L	14 days
TPH as diesel	EPA 8015BB	1 x 1 L	Glass-Amber	Store at 4°C	50 ug/L	14 days
Metals (Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, Se, Na, Th, Va, Zn)	EPA 6010B/7470A	1 x 250 mL	Polypropylene	Store at 4°C, HNO ₄ to pH<2	0.1 mg/L	6 months

Notes: C – Degrees Celsius	HCl – Hydrogen Chloride	ug/L – micrograms per liter
EPA – Environmental Protection Agency	H ₂ SO ₄ – Hydrogen Sulfide	mL – milliliter
TPH – Total Petroleum Hydrocarbons	HNO ₃ – Nitric Acid	PAHs – Polyaromatic hydrocarbons
	L – liter	VOCs – Volatile Organic Compound
	mg/L – milligrams per liter	VOA – volatile organic analysis

6.5.7 Quality Assurance / Quality Control

For an initial verification of laboratory or field analysis, duplicate samples will be collected at a rate of 10 percent or 1 duplicate per sampling event. The duplicate sample will be collected, handled, and analyzed using the same protocols as primary samples. A duplicate sample will be collected at each location immediately after the primary sample has been collected. Duplicates will be collected where contamination is likely, not on the background sample. Duplicate samples will not influence any evaluations or conclusions; however, they will be used as a check on laboratory quality assurance.

6.5.8 Data Management and Reporting

A copy of all water quality analytical results and QA/QC data will be included in the onsite SWPPP within 5 days of sampling (for field analyses) and within 30 days (for laboratory analyses). Lab reports and COCs will be reviewed for consistency between lab methods, sample identifications, dates, and times for both primary samples and QA/QC samples. All data, including COC forms and Sampling Activity Logs, shall be kept with the SWPPP.

6.5.9 Data Evaluation

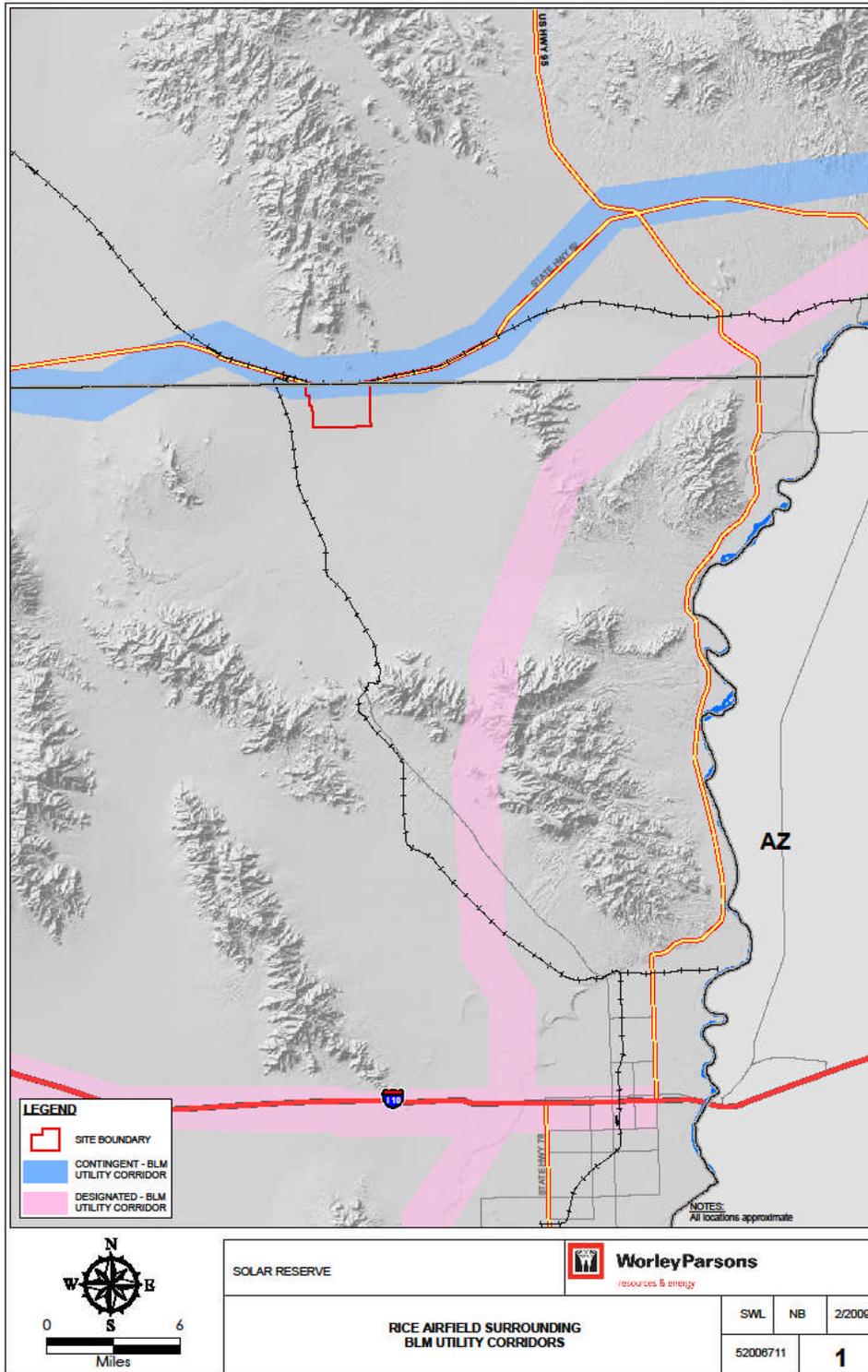
An evaluation of the water quality sample analytical results, including figures with sample locations, the water quality analytical results, and the QA/QC data, will be included in the onsite SWPPP.

Should the runoff/downgradient sample show an increased level of the tested analyte relative to the background sample, the BMPs, site conditions, and surrounding influences will be assessed to determine the probable cause for the increase. As determined by the site and data evaluation, appropriate BMPs will be repaired or modified to mitigate discharges of non-visual pollutant concentrations. Any revisions to the BMPs will be recorded as an amendment to the SWPPP.

6.5.10 Change of Conditions

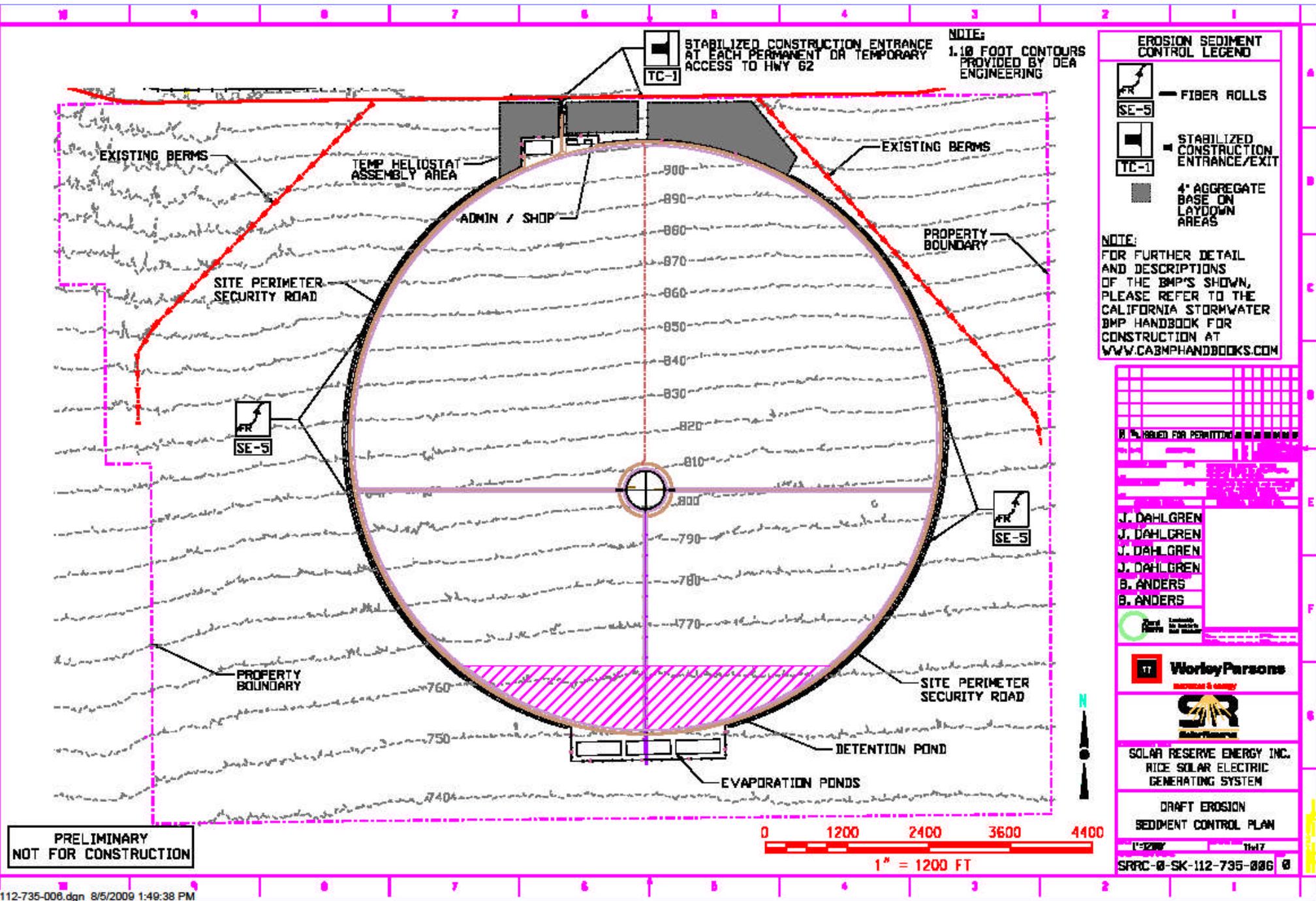
Whenever SWPPP monitoring, pursuant to Section B of the General Permit, indicates a change in site conditions that might affect the appropriateness of sampling locations or introduce additional non-visible pollutants of concern, testing protocols will be revised accordingly. All such revisions will be recorded as amendments to the SWPPP.

ATTACHMENT 1 – LOCATION MAPS



ATTACHMENT 2 – WATER POLLUTION CONTROL DIAGRAMS

}



STABILIZED CONSTRUCTION ENTRANCE
AT EACH PERMANENT OR TEMPORARY
ACCESS TO HWY 62
TC-1

NOTE:
1.10 FOOT CONTOURS
PROVIDED BY DEA
ENGINEERING

EROSION SEDIMENT CONTROL LEGEND

-  FIBER ROLLS
-  STABILIZED CONSTRUCTION ENTRANCE/EXIT
-  4' AGGREGATE BASE ON LAYDOWN AREAS

NOTE:
FOR FURTHER DETAIL
AND DESCRIPTIONS
OF THE BMP'S SHOWN,
PLEASE REFER TO THE
CALIFORNIA STORMWATER
BMP HANDBOOK FOR
CONSTRUCTION AT
WWW.CABMPHANDBOOKS.COM

APPROVED FOR PERMITTING

J. DAHLGREN
J. DAHLGREN
J. DAHLGREN
J. DAHLGREN
B. ANDERS
B. ANDERS



SOLAR RESERVE ENERGY INC.
RICE SOLAR ELECTRIC
GENERATING SYSTEM

DRAFT EROSION
SEDIMENT CONTROL PLAN

11/2009 11/17
SRRC-8-SK-112-735-006 0

PRELIMINARY
NOT FOR CONSTRUCTION



ATTACHMENT 3 – BMP CONSIDERATION CHECKLIST

**CONSTRUCTION SITE BMPs
CONSIDERATION CHECKLIST**

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as "Not Used" with a brief statement describing why it is not being used.

EROSION CONTROL BMPs					
BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
EC-1	Scheduling	X	X		
EC-2	Preservation of Existing Vegetation	X	X		
EC-3	Hydraulic Mulch	X	X		
EC-4	Hydroseeding	X		X	Hydroseeding will not establish in the ground conditions. Use Hydraulic mulch and/or straw wattle instead.
EC-5	Soil Binders	X		X	Hydraulic mulch and/or straw mulch used instead
EC-6	Straw Mulch	X	X		
EC-7	Geotextiles & Mats	X	X		
EC-8	Wood Mulching	X		X	Hydraulic mulch and/or straw mulch used
EC-9	Earth Dikes & Drainage Swales	X	X		
EC-10	Velocity Dissipation Devices	X		X	Not required for project
EC-11	Slope Drains	X		X	Not required for the project
EC-12	Streambank Stabilization	X		X	Not required for project
EC-13	Polyacrylamide	X		X	Hydraulic mulch and/or straw mulch used

**CONSTRUCTION SITE BMPs
CONSIDERATION CHECKLIST**

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as "Not Used" with a brief statement describing why it is not being used.

SEDIMENT CONTROL BMPs					
BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
SE-1	Silt Fence	X	X		
SE-2	Sediment Basin	X	X		
SE-3	Sediment Trap	X	X		
SE-4	Check Dam	X	X		
SE-5	Fiber Rolls	X	X		
SE-6	Gravel Bag Berm	X		X	Not required for project
SE-7	Street Sweeping and Vacuuming	X	X		
SE-8	Sand Bag Barrier	X	X		
SE-9	Straw Bale Barrier	X		X	Not required for project
SE-10	Storm Drain Inlet Protection	X		X	There are no curb inlets
SE-11	Chemical Treatment	X		X	Not required for project
WIND EROSION CONTROL BMPs					
WE-1	Wind Erosion Control	X	X		
TRACKING CONTROL BMPs					
TR-1	Stabilized Construction Entrance/Exit	X	X		
TR-2	Stabilized Construction Roadway	X	X		
TR-3	Entrance/Outlet Tire Wash	X		X	Construction entrance/exit with street sweeping will be sufficient

**CONSTRUCTION SITE BMPs
CONSIDERATION CHECKLIST**

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as “Not Used” with a brief statement describing why it is not being used.

NON-STORM WATER MANAGEMENT BMPs

BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
NS-1	Water Conservation Practices	X	X		
NS-2	Dewatering Operations	X	X		
NS-3	Paving and Grinding Operations	X			
NS-4	Temporary Stream Crossing	X		X	Not applicable to this project because no streams to cross
NS-5	Clear Water Diversion	X		X	Not applicable to this project because there are no upstream diversions
NS-6	Illicit Connection/ Discharge	X	X		
NS-7	Potable Water/Irrigation	X		X	Potable water discharges are not anticipated at or near construction site
NS-8	Vehicle and Equipment Cleaning	X	X		
NS-9	Vehicle and Equipment Fueling	X	X		
NS-10	Vehicle and Equipment Maintenance	X	X		
NS-11	Pile Driving Operations	X	X		
NS-12	Concrete Curing	X	X		
NS-13	Concrete Finishing	X	X		
NS-14	Material and Equipment Use Over Water			X	Not applicable because there is no construction over water
NS-15	Demolition Adjacent to Water			X	Not applicable because there is no demolition
NS-16	Temporary Batch Plants	X	X		A Batch plant may be used on-site

**CONSTRUCTION SITE BMPs
CONSIDERATION CHECKLIST**

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as "Not Used" with a brief statement describing why it is not being used.

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs

BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
WM-1	Material Delivery and Storage	X	X		
WM-2	Material Use	X	X		
WM-3	Stockpile Management	X	X		
WM-4	Spill Prevention and Control	X	X		
WM-5	Solid Waste Management	X	X		
WM-6	Hazardous Waste Management	X	X		
WM-7	Contaminated Soil Management	X		X	Onsite Contaminated Soil not anticipated
WM-8	Concrete Waste Management	X	X		
WM-9	Sanitary/Septic Waste Management	X	X		
WM-10	Liquid Waste Management	X	X		

ATTACHMENT 4 – RUN-OFF CALCULATIONS AND SEDIMENT BASIN SIZING

WORKSHEET FOR RUN-OFF COEFFICIENT CALCULATIONS

$$\text{Total Site Area} = \frac{1,500 \text{ Acres}}{\hspace{1cm}} \quad (\text{A})$$

Existing Site Conditions

$$\text{Impervious Site Area}^1 = \frac{6 \text{ Acres}}{\hspace{1cm}} \quad (\text{B})$$

$$\text{Impervious Site Area Runoff Coefficient} = \frac{0.71}{\hspace{1cm}} \quad (\text{C})$$

$$\text{Pervious Site Area}^2 = \frac{1,494 \text{ Acres}}{\hspace{1cm}} \quad (\text{D})$$

$$\text{Pervious Site Area Runoff Coefficient} = \frac{0.16}{\hspace{1cm}} \quad (\text{E})$$

$$\text{Existing Site Area Runoff Coefficient} = \frac{(B \times C) + (D \times E)}{(A)} = \frac{0.16}{\hspace{1cm}} \quad (\text{F})$$

Proposed Site Conditions (after construction)

$$\text{Run Off Area} = \frac{1,500 \text{ Acres}}{\hspace{1cm}} \quad (\text{G})$$

$$\text{Impervious Site Area} = \frac{100 \text{ Acres}}{\hspace{1cm}} \quad (\text{H})$$

$$\text{Impervious Site Area Runoff Coefficient} = \frac{0.71}{\hspace{1cm}} \quad (\text{I})$$

$$\text{Pervious Site Area}^2 = \frac{1394 \text{ Acres}}{\hspace{1cm}} \quad (\text{J})$$

$$\text{Pervious Site Area Runoff Coefficient} = \frac{0.16}{\hspace{1cm}} \quad (\text{K})$$

$$\text{Proposed Site Area Runoff Coefficient} = \frac{(H \times I) + (J \times K)}{(G)} = \frac{0.20}{\hspace{1cm}}$$

1. Includes Roadways, gravel covered areas and equipment foundations.
2. Includes areas of vegetation, uncovered soil surfaces, and other pervious areas. Some of this area is north of the project site where the staging area will be located.
3. Note: this evaluation will be revisited upon completion of geological investigation.

FROM BMP SE-2; SEDIMENT BASIN SIZING

Option 2:

Sediment Basin(s), as measured from the bottom of the basin to the principle outlet, shall have at least a capacity equivalent to 3,600 cubic feet of storage per acre draining into the sediment basin. The length of the basin shall be more than twice the width of the basin. The depth must not be less than 3 ft nor greater than 5 ft. The basin area will be calculated by the total area of impact to construct the project, which is designed to be 50 acres.

Project Site Area	=	1,500 acres
Required Storage	=	3,600 <u>cubic feet</u> x 1,500 acres
		acre
	=	5,400,000 cubic feet
If Depth of 5 feet		1,080,000 square feet
Basin Area	=	24.8 acres

However this will not be a standard basin as shown in BMP SE-2. The temporary sediment "basin" shall be located in the southern section of the project site, where the future stormwater storage area is located. Due to the elevated roadways around the solar fields, the south area of the project site acts as a basin, without requiring excavation work. Perimeter berms, swales and other protective measures will be constructed to ensure the basin acts as a containment facility per BMP SE-2. The entire site area has a base slope of approximately 1.8%, therefore all sediment run off will discharge to the south area of the project site.

Although the project site area is 1,500 acres, only a minor portion of this area will be disturbed as entire site grading is not required. The implementation of these BMP's will be dependant on the SWPPM who will be required to assess the areas that have been disturbed (i.e. which section of roadway) and implement the appropriate measures. Before the commencement of each rainy season, the size and implementation of the basin is to be reassessed.

ATTACHMENT 5 – NOTICE OF INTENT

Linda S Adams
Secretary for
Environmental Protection

Division of Water Quality
1001 I Street • Sacramento, California 95814 • (916) 341-5537
Mailing Address: P.O. Box 1977 • Sacramento, California • 95812-1977
FAX (916) 341-5543 • Internet Address: http://www.waterboards.ca.gov/water_issues/programs/stormwater/

Arnold Schwarzenegger
Governor

CHECKLIST FOR SUBMITTING A NOTICE OF INTENT

In order for the State Water Resources Control Board to expeditiously process your Notice of Intent (NOI), the following items must be submitted to either of the addresses indicated below:

1. _____ NOI (please keep a copy for your files) with all applicable sections completed and original signature of the landowner or signatory agent;
2. _____ Check made out to the “State Water Resources Control Board”
See reverse for listing of fees by acre. The fee is based on the “Total Acres to be Disturbed” for the life of the project.
3. _____ Site Map of the facility (see NOI instructions). **DO NOT SEND BLUEPRINTS**

U.S. Postal Service Address

State Water Resources Control Board
Division of Water Quality
Attn: Storm Water Section
P.O. Box 1977
Sacramento, CA 95812-1977

Overnight Mailing Address

State Water Resources Control Board
Division Of Water Quality
Attn: Storm Water, 15th Floor
1001 I Street
Sacramento, CA 95814

NOIs are processed in the order they are received. A NOI receipt letter will be mailed to the land owner within approximately two weeks. Incomplete NOI submittals will be returned to the landowner’s address within the same timeframe and will specify the reason(s) for return. If you need a receipt letter by a specific date (for example, to provide to a local agency), we advise that you submit your NOI thirty (30) days prior to the date the receipt letter is needed.

Please do not call us to verify your NOI status. A copy of your NOI receipt letter will be available on our web page within twenty-four (24) hours of processing. Go to: http://www.waterboards.ca.gov/water_issues/programs/stormwater/databases.shtml to retrieve an electronic copy of your NOI receipt letter. If you have any questions regarding this matter, please contact us at (916) 341-5537.

Construction Annual Fees by Acre

Partial Acreage rounded to nearest whole

SWPPP
RICE SOLAR ENERGY PROJECT

Acres	Fee	21% Surcharge	Total Fee	Acres	Fee	21% Surcharge	Total Fee
0	\$238	\$50	\$288	51	\$1,462	\$307	\$1,769
1	\$262	\$55	\$317	52	\$1,486	\$312	\$1,798
2	\$286	\$60	\$346	53	\$1,510	\$317	\$1,827
3	\$310	\$65	\$375	54	\$1,534	\$322	\$1,856
4	\$334	\$70	\$404	55	\$1,558	\$327	\$1,885
5	\$358	\$75	\$433	56	\$1,582	\$332	\$1,914
6	\$382	\$80	\$462	57	\$1,606	\$337	\$1,943
7	\$406	\$85	\$491	58	\$1,630	\$342	\$1,972
8	\$430	\$90	\$520	59	\$1,654	\$347	\$2,001
9	\$454	\$95	\$549	60	\$1,678	\$352	\$2,030
10	\$478	\$100	\$578	61	\$1,702	\$357	\$2,059
11	\$502	\$105	\$607	62	\$1,726	\$362	\$2,088
12	\$526	\$110	\$636	63	\$1,750	\$368	\$2,118
13	\$550	\$116	\$666	64	\$1,774	\$373	\$2,147
14	\$574	\$121	\$695	65	\$1,798	\$378	\$2,176
15	\$598	\$126	\$724	66	\$1,822	\$383	\$2,205
16	\$622	\$131	\$753	67	\$1,846	\$388	\$2,234
17	\$646	\$136	\$782	68	\$1,870	\$393	\$2,263
18	\$670	\$141	\$811	69	\$1,894	\$398	\$2,292
19	\$694	\$146	\$840	70	\$1,918	\$403	\$2,321
20	\$718	\$151	\$869	71	\$1,942	\$408	\$2,350
21	\$742	\$156	\$898	72	\$1,966	\$413	\$2,379
22	\$766	\$161	\$927	73	\$1,990	\$418	\$2,408
23	\$790	\$166	\$956	74	\$2,014	\$423	\$2,437
24	\$814	\$171	\$985	75	\$2,038	\$428	\$2,466
25	\$838	\$176	\$1,014	76	\$2,062	\$433	\$2,495
26	\$862	\$181	\$1,043	77	\$2,086	\$438	\$2,524
27	\$886	\$186	\$1,072	78	\$2,110	\$443	\$2,553
28	\$910	\$191	\$1,101	79	\$2,134	\$448	\$2,582
29	\$934	\$196	\$1,130	80	\$2,158	\$453	\$2,611
30	\$958	\$201	\$1,159	81	\$2,182	\$458	\$2,640
31	\$982	\$206	\$1,188	82	\$2,206	\$463	\$2,669
32	\$1,006	\$211	\$1,217	83	\$2,230	\$468	\$2,698
33	\$1,030	\$216	\$1,246	84	\$2,254	\$473	\$2,727
34	\$1,054	\$221	\$1,275	85	\$2,278	\$478	\$2,756
35	\$1,078	\$226	\$1,304	86	\$2,302	\$483	\$2,785
36	\$1,102	\$231	\$1,333	87	\$2,326	\$488	\$2,814
37	\$1,126	\$236	\$1,362	88	\$2,350	\$494	\$2,844
38	\$1,150	\$242	\$1,392	89	\$2,374	\$499	\$2,873
39	\$1,174	\$247	\$1,421	90	\$2,398	\$504	\$2,902
40	\$1,198	\$252	\$1,450	91	\$2,422	\$509	\$2,931
41	\$1,222	\$257	\$1,479	92	\$2,446	\$514	\$2,960
42	\$1,246	\$262	\$1,508	93	\$2,470	\$519	\$2,989
43	\$1,270	\$267	\$1,537	94	\$2,494	\$524	\$3,018
44	\$1,294	\$272	\$1,566	95	\$2,518	\$529	\$3,047
45	\$1,318	\$277	\$1,595	96	\$2,542	\$534	\$3,076
46	\$1,342	\$282	\$1,624	97	\$2,566	\$539	\$3,105
47	\$1,366	\$287	\$1,653	98	\$2,590	\$544	\$3,134
48	\$1,390	\$292	\$1,682	99	\$2,614	\$549	\$3,163
49	\$1,414	\$297	\$1,711	>100	\$2,618	\$550	\$3,168
50	\$1,438	\$302	\$1,740				

NOTICE OF INTENT (NOI) TO COMPLY WITH THE TERMS
OF THE GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH CONSTRUCTION ACTIVITY

GENERAL INSTRUCTIONS

Who Must Submit

Discharges of storm water associated with construction that results in the disturbance of one acre or more of land must apply for coverage under the General Construction Activities Storm Water Permit (General Permit). Construction activity which is a part of a larger common area of development or sale must also be permitted. (For example, if 4 acres of a 20-acre subdivision is disturbed by construction activities, and the remaining 16 acres is to be developed at a future date, the property owner must obtain a General Storm Water Permit for the 4-acre project). Construction activity includes, but is not limited to: clearing, grading, demolition, excavation, construction of new structures, and reconstruction of existing facilities involving removal and replacement that results in soil disturbance. This includes construction access roads, staging areas, storage areas, stockpiles, and any off-site areas which receive run-off from the construction project such as discharge points into a receiving water. Construction activity does not include routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of the facility.

The owner of the land where the construction activity is occurring is responsible for obtaining a permit. Owners may obtain coverage under the General Permit by filing a NOI in accordance with the following instructions. Coverage for construction activity conducted on easements (e.g., pipeline construction) or on nearby properties by agreement or permission, or by an owner or lessee of a mineral estate (oil, gas, geothermal, aggregate, precious metals, and/or industrial minerals) entitled to conduct the activities, shall be obtained by the entity responsible for the construction activity. Linear construction projects which will have construction activity occurring in one or more than one Region should contact the State Water Resources Control Board at the number listed below prior to submitting an NOI application for specific information related to the use of the NOI form.

Construction Activity Not Covered By This General Permit

Storm water discharges in the Lake Tahoe Hydrologic Unit will be regulated by a separate permit(s) adopted by the California Regional Water Quality Control Board, Lahontan Region, and will not be covered under the State Water Resources Control Board's (SWRCB) General Permit. Storm water discharges on Indian Lands will be regulated by the U.S. Environmental Protection Agency.

Where to Apply

The NOI form, vicinity map, and appropriate fee must be mailed to the SWRCB at the following address:

State Water Resources Control Board
Division of Water Quality
Attn: Storm Water Permit Unit
P.O. Box 1977
Sacramento, CA 95812-1977

When to Apply

Property owners proposing to conduct construction activities subject to this General Permit must file a Notice of Intent prior to the commencement of construction activity.

Fees

The total annual fee is the current base fee plus applicable surcharges for all construction sites submitting an NOI. Checks should be made payable to: SWRCB.

Completing the Notice of Intent (NOI)

The submittal to obtain coverage under the General Permit must include a completed NOI Form (Notice of Intent, attached), a vicinity map, and the appropriate annual fee. The NOI must be completely and accurately filled out; the vicinity map and annual fee must be included with the NOI or the submittal is considered incomplete and will be rejected. A construction site is considered to be covered by the General Permit upon filing a complete NOI submittal, and implementation of a defensible Storm Water Pollution Prevention Plan (SWPPP). Upon receipt of a complete NOI submittal, each discharger will be sent a receipt letter containing the waste discharger's identification (WDID) number.

Questions?

If you have any questions on completing the NOI please call the SWRCB at (916) 341-5537.

NOI-LINE-BY-LINE INSTRUCTIONS

Please type or print when completing the NOI Form and vicinity map.

SECTION I--NOI STATUS

Mark one of the two boxes at the top portion of the NOI. Check box 1 if the NOI is being completed for new construction. Check box 2 if the NOI is being submitted to report changes for a construction site already covered by the General Permit. An example of a change that warrants a resubmittal of the NOI is a change of total area of the construction site. The permit is non-transferable, a change of ownership requires a Notice of Termination (NOT) submittal and a new NOI. Complete only those portions of the NOI that apply to the changes (the NOI must always be signed). If box 2 is checked, the WDID number must be included.

SECTION II--PROPERTY OWNER

Enter the construction site owner's official or legal name and address; contact person (if other than owner), title, and telephone number.

SECTION III--DEVELOPER / CONTRACTOR INFORMATION

Enter the name of the developer's (or general contractor's) official or legal name, address, contact person, title, and telephone number. The contact person should be someone who is familiar with the construction site and is responsible for compliance and oversight of the general permit.

SECTION IV--CONSTRUCTION PROJECT INFORMATION

Enter the project name, site address, county, city, (or nearest city if construction is occurring in an unincorporated area), zip code, and telephone number (if any) of the construction site. Include an emergency contact telephone or pager number. Construction site information should include latitude and longitude designations, tract numbers, and/or mile post markers, if applicable. The site contact person should be someone who is familiar with the project, site plans, SWPPP, and monitoring program. All NOIs must be accompanied by a vicinity map.

Part A: Enter the total size in acres of all areas associated with construction activity, including all access roads.

Part B: Enter the total size in acres of the area to be disturbed by construction activity and the percentage of the area listed in Part A above that this represents.

Part C: Enter the percentage of the site that is impervious (areas where water cannot soak into the ground, such as concrete, asphalt, rooftops, etc.) before and after construction.

Part D: Include tract numbers, if available.

- Part E: Enter the mile post marker number at the project site location.
- Part F: Indicate whether the construction site is part of a larger common plan of development or sale. For example, if the construction activity is occurring on a two-acre site which is within a development that is one acre or greater, answer yes.
- Part G: Enter the name of the development (e.g. "Quail Ridge Subdivision", "Orange Valley Estates", etc.).
- Part H: Indicate when construction will begin (month, day, year). When a NOI is being submitted due to a change in ownership, the commencement date should be the date the new ownership took effect.
- Part I: Indicate the percentage of the total project area to be mass graded.
- Part J: Enter the estimated completion dates for the mass grading activities and for the project completion.
- Part K: Indicate the type(s) of construction taking place. For example, "Transportation" should be checked for the construction of roads; "Utility" should be checked for installation of sewer, electric, or telephone systems. Include a description of the major construction activities, (e.g., 20 single family homes, a supermarket, an office building, a factory, etc.)

SECTION V--BILLING ADDRESS

To continue coverage under the General Permit, the annual fee must be paid. Indicate where the annual fee invoice should be mailed by checking one of the following boxes:

Owner: sent to the owners address as it appears in Section II.

Developer/Contractor: sent to the developer's address as it appears in Section III.

Other: sent to a different address and enter that address in the spaces provided.

SECTION VI--REGULATORY STATUS

Indicate whether or not the site is subject to local erosion/sediment control ordinances. Indicate whether the erosion/sediment control plan designed to comply with the ordinance addresses the construction of infrastructure and structures in addition to grading. Identify the name and telephone number of the local agency, if applicable.

SECTION VII--RECEIVING WATER INFORMATION

Part A: Indicate whether the storm water runoff from the construction site discharges indirectly to waters of the United States, directly to waters of the United States, or to a separate storm drain system.

Indirect discharges include discharges that may flow overland across adjacent properties or rights-of-way prior to discharging into waters of the United States.

Enter the name of the owner/operator of the relevant storm drain system, if applicable. Storm water discharges directly to waters of the United States will typically have an outfall structure directly from the facility to a river, lake, creek, stream, bay, ocean, etc. Discharges to separate storm sewer systems are those that discharge to a collection system operated by municipalities, flood control districts, utilities, or similar entities.

Part B: Enter the name of the receiving water. Regardless of point of discharge, the owner must determine the receiving water for the construction site's storm water discharge. Enter the name of the receiving water.

SECTION VIII--IMPLEMENTATION OF NPDES PERMIT REQUIREMENTS

Part A: Indicate the status of the SWPPP, date prepared, or availability for review. Also indicate if a tentative construction schedule has been included in the SWPPP (the inclusion of a construction activity schedule is a mandatory SWPPP requirement).

Part B: Provide information concerning the status of the development of a monitoring program, a component of the SWPPP which outlines an inspection and maintenance schedule for the proposed Best Management Practices (BMPs). Provide name and phone number of program preparer.

Part C: Provide the name and phone numbers of the responsible party or parties designated to insure compliance with all elements of the General Permit and SWPPP.

SECTION IX--VICINITY MAP AND FEE

Provide a "to scale" or "to approximate scale" drawing of the construction site and the immediate surrounding area. Whenever possible, limit the map to an 8.5" x 11" or 11" x 17" sheet of paper. At a minimum, the map must show the site perimeter, the geographic features surrounding the site, and general topography, and a north arrow. The map must also include the location of the construction project in relation to named streets, roads, intersections, or landmarks. A NOI containing a map which does not clearly indicate the location of the construction project will be rejected. Do not submit blueprints unless they meet the above referenced size limits.

SECTION X--CERTIFICATIONS

This section must be completed by the owner or signatory agent of the construction site*. The certification provides assurances that the NOI and vicinity map were completed in an accurate and complete fashion and with the knowledge that penalties exist for providing false information. Certification also requires the owner to comply with the provisions in the General Permit.

* For a corporation: a responsible corporate officer (or authorized individual). For a partnership or sole proprietorship: a general partner or the proprietor, respectively. For a municipality, State, Federal, or other public agency: either a principal executive officer, ranking elected official, or duly authorized representative.



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. New Construction	2. Change of Information for WDID#	<input type="text"/>
--------------------	---------------------	------------------------------------	----------------------

II. PROPERTY OWNER

Name		Contact Person		
Mailing Address		Title		
City	State	Zip	Phone	
Owner Type (check one) 1. <input type="checkbox"/> Private Individual 2. <input 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		Contact Person		
Mailing Address		Title		
City	State	Zip	Phone	

IV. CONSTRUCTION PROJECT INFORMATION

Site/Project Name		Site Contact Person		
Physical Address/Location		Latitude	Longitude	County
City (or nearest City)		Zip	Site Phone Number	Emergency Phone Number
_____ Acres	C. Percent of site imperviousness (including rooftops):		D. Tract Number(s): _____	
B. Total area to be disturbed: _____ Acres (% of total _____)	Before Construction: _____ % After Construction: _____ %		E. Mile Post Marker: _____	
F. Is the construction site part of a larger common plan of development or sale? YES NO		G. Name of plan or development:		
Construction commencement date: _____ // % of site to be mass graded: _____		J. Projected construction dates: Complete grading: _____ Complete project: _____		
K. Type of Construction (Check all that apply):				
1. Residential 2. Commercial 3. Industrial 4. Reconstruction 5. Transportation				
6. Utility Description: _____ 7. Other (Please List): _____				

V. BILLING INFORMATION

SEND BILL TO: OWNER (as in II. above)	Name	Contact Person		
DEVELOPER (as in III. above)	Mailing Address		Phone/Fax	
OTHER (enter information at right)	City	State	Zip	

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: (river, lake, creek, stream, bay, ocean): _____	

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): // _____	
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: _____ Phone: _____	
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: _____ Phone: _____	
2. Eliminating all unauthorized discharges	Y E S 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 I have read the entire General Permit, including all attachments, and agree to comply with and be bound by all of the provisions, requirements, and prohibitions 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: _____	
Signature: _____ Date: _____	
Title: _____	

**ATTACHMENT 6 - PROGRAM FOR
MAINTENANCE, INSPECTION, AND REPAIR OF
CONSTRUCTION SITE BMPS**

<i>The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP</i>		
BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
TEMPORARY EROSION CONTROL BMPs		
EC-1 – Scheduling		<ul style="list-style-type: none"> ■ Verify that work is progressing in accordance with the construction schedule. ■ Amend the schedule when changes are warranted ■ Amend the schedule prior to the rainy season to show updated information on the deployment and implementation of construction BMPs.
EC-3 – Hydraulic Mulch	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Areas where erosion is evident shall be repaired and BMPs re-applied as soon as possible. Care should be exercised to minimize damage to protected areas while making repairs, as any area damaged will require re-application of BMPs. ■ Maintain an unbroken, temporary mulched ground cover throughout the period of construction when the soils are not being reworked.
EC-6 – Straw Mulch	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Areas where erosion is evident shall be repaired and BMPs re-applied as soon as possible. Care should be exercised to minimize damage to protected areas while making repairs, as any area damaged will require re-application of BMPs. ■ Straw needs to last long enough to achieve erosion control objectives. ■ Maintain an unbroken, temporary mulched ground while disturbed soil areas are inactive. ■ Repair any damaged ground cover and re-mulch exposed areas. ■ Reapplication of straw mulch may be required to maintain effective soil stabilization over disturbed areas and slopes.

The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP

BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
EC-7 – Geotextiles and Mats	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Areas where erosion is evident shall be repaired and BMPs reapplied as soon as possible. Care should be exercised to minimize damage to protected areas while making repairs, as any area damaged will require re-application of BMPs. ■ If washout or breakage occurs, re-install the material after repairing the damage to the slope or channel. ■ Check that all lap joints are secure.
EC-9 – Earth Dikes and Drainage Swales	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Inspect ditches and berms for washouts. ■ Replace lost riprap or soil stabilizers as needed. ■ Inspect embankments, and beds of ditches and berms for erosion and accumulation of debris and sediment. Remove debris and sediment and repair linings and embankments as needed. ■ Temporary conveyances should be completely removed as soon as the surrounding drainage area has been stabilized or at the completion of construction.

The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP

BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
TEMPORARY SEDIMENT CONTROL BMPs		
SE-1 – Silt Fence	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Repair undercut silt fences. ■ Repair or replace split, torn, slumping or weathered fabric. The lifespan of the silt fence fabric is generally 5 to 8 months. ■ Silt fences that are damaged and become unsuitable for the intended purpose should be removed from the site of work, disposed of, replaced with new silt fence. ■ Sediments that accumulate in the BMP must be periodically removed in order to maintain BMP effectiveness. Sediment should be removed when the sediment accumulation reaches one-third of the barrier height. Sediment removed during maintenance may be incorporated. ■ Silt fences should be left in place until the upstream area is permanently stabilized. Until then, the silt fence must be inspected and maintained. ■ Holes, depressions, or other ground disturbance caused by the removal of the silt fences should be backfilled and repaired.
SE-2 – Sediment Basin	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Examine basin banks for seepage and structural soundness. ■ Check inlet for any damage or obstructions. Repair damage and remove obstructions as needed. ■ Check inlet areas for erosion and stabilize if required. ■ Check fencing for damage and repair as needed. ■ Remove standing water from the basin within 72 hours after accumulation. ■ Sediment should be removed when the sediment accumulation reaches one-half of the volume. Sediment removed during maintenance may be incorporated. ■ To minimize vector production, the accumulation of live and dead floating vegetation in basins should be removed during every inspection.

The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP

BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
SE-3 – Sediment Trap	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Inspect outlet area for erosion and stabilize if required. ■ Inspect trap banks for seepage and structural soundness, repair as needed. ■ Inspect outlet area structure and spillway for any damage or obstructions. Repair damage and remove obstructions as needed. ■ Inspect fencing for damage and repair as needed. ■ Inspect the sediment trap for area of standing water during each visit. Corrective measures should be taken if the BMP does not dewater completely in 72 hours or less to prevent vector production. ■ Sediments that accumulate in the BMP must be periodically removed in order to maintain BMP effectiveness. Sediment should be removed when the sediment accumulation reaches one-third of the barrier height. Sediment removed during maintenance may be incorporated. ■ Remove vegetation from the sediment trap when first detected to prevent pools of standing water and subsequent vector production. ■ BMPs that require dewatering shall be continuously attended while dewatering takes place.
SE-5 – Fiber Rolls	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Replace or repair split, torn, unraveling or slumping fiber rolls. ■ Sediments that accumulate in the BMP must be periodically removed in order to maintain BMP effectiveness. Sediment should be removed when the sediment accumulation reaches one-third of the barrier height. Sediment removed during maintenance may be incorporated.
SE-7 – Street Sweeping and Vacuuming	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season. When actively in use, points of ingress and egress must be inspected daily	<ul style="list-style-type: none"> ■ When tracked or spilled sediment is observed outside the construction limits, it must be removed at least daily. ■ Be careful not to sweep up any unknown substance or any object that may be potentially hazardous.

The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP

BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
SE-8 Sand Bag Barriers	Prior to forecast rain, daily during extended rain events, after rain events, weekly during the rainy season, and at two-week intervals during the non-rainy season.	<ul style="list-style-type: none"> ■ Reshape or replace sand bags as needed. ■ Repair washouts or other damage as needed. ■ Sediments that accumulate in the BMP must be periodically removed in order to maintain BMP effectiveness. Sediment should be removed when the sediment accumulation reaches one-third of the barrier height. Sediment removed during maintenance may be incorporated. ■ Remove sand bag berms when no longer needed. Remove sediment accumulation and clean-re-grade and stabilize area. Remove sediment should be incorporated in the project or disposed of.
WIND EROSION CONTROL BMPs		
WE-1 – Wind Erosion Control	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Check areas protected to ensure coverage. ■ Most dust control measures require frequent, often daily, or multiple times per day attention.
NON-STORM WATER MANAGEMENT BMPs		
NS-2 – Dewatering Operations	Prior to the commencement of the activities and while activities associated with the BMP are under way	<ul style="list-style-type: none"> ■ Maintain surrounding features such as safety fencing and vegetation
NS-8 - Vehicle and Equipment Cleaning	Prior to the commencement of the activities and while activities associated with the BMP are under way	<ul style="list-style-type: none"> ■ Ensure that employees and subcontractors implement appropriate measures for containment ■ Maintain berm integrity
NS-9 - Vehicle and Equipment Fueling	Equipment should be inspected daily for leaks.	<ul style="list-style-type: none"> ■ Leaks should be repaired immediately or problem vehicles or equipment should be removed from the Site. ■ Keep ample supplies of spill cleanup materials onsite. ■ Immediately cleanup spills and properly dispose of contaminated soil and cleanup materials.

The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP

BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
NS-10 - Vehicle and Equipment Maintenance	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Keep ample supplies of spill cleanup materials onsite. ■ Maintain waste fluid containers in leak proof condition. ■ Vehicles and equipment should be inspected on each day of use. Leaks should be repaired immediately or the problem vehicles or equipment should be removed from the Site. ■ Inspect equipment for damaged hoses and leaky gaskets routinely. Repair or replace as needed.
NS-12 – Concrete Curing	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Ensure that employees and subcontractors implement appropriate measures for storage, handling, and use of curing compounds. ■ Inspect cure containers and spraying equipment for leaks.
NS-13 – Concrete Finishing	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Sweep or vacuum up debris from sandblasting at the end of the shift. ■ At the end of each work shift, remove and contain liquid and solid waste from containment structures, if any, and from the general work area.
WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs		
WM-1 – Material Delivery and Storage	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Spot check employees and subcontractors throughout the job to ensure appropriate practices are being employed.
WM-3- Stockpile Management	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Repair and/or replace perimeter controls and covers as needed to keep them functioning properly.
WM-4- Spill Prevention and Control	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Keep ample supplies of spill control and cleanup materials onsite, near storage, unloading and maintenance areas. ■ Update your spill prevention and control plan and stock materials as changes occur in the types of chemicals onsite.

The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP

BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
WM-5- Solid Waste Management	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Arrange for regular waste collection.
WM-6- Hazardous Waste Management	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Hazardous waste should be regularly collected. ■ A foreman or construction supervisor should monitor onsite hazardous waste storage and disposal procedures. ■ Waste storage areas should be kept clean, well organized, and equipped with ample cleanup supplies as appropriate for the materials being stored. ■ Perimeter controls, containment structures, covers and liners should be repaired or replaced as needed to maintain proper function. ■ Hazardous spills should be cleaned up and reported in conformance with applicable MSDS and the instructions posted at the Site. ■ A copy of the hazardous waste manifest should be provided.
WM-8- Concrete Waste Management	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Temporary concrete washout facilities should be maintained to provide adequate holding capacity within a minimum freeboard of 4 in. from above grade facilities and 12 in. for below grade facilities. Maintain temporary concrete washout facilities should include removing and disposing of hardened concrete and returning the facilities to a functional condition. Hardened concrete materials should be removed and disposed of. ■ Washout facilities must be cleaned, or new facilities must be constructed and ready for use once the washout is 75% full.
WM-9- Sanitary/ Septic Waste Management	Prior to the commencement of the activities and while activities associated with the BMP are under way, inspect weekly during the rainy season and at two-week intervals in the non-rainy season.	<ul style="list-style-type: none"> ■ Arrange for regular waste collection. ■ If high winds are expected, portable sanitary facilities must be secured with spikes or weighed down to prevent over turning.

**ATTACHMENT 7 - STORM WATER QUALITY
CONSTRUCTION SITE INSPECTION
CHECKLIST**

INSPECTION CHECKLIST

GENERAL INFORMATION

Project Name	RICE SOLAR ENERGY PROJECT		
Project No			
Contractor			
Inspector's Name			
Inspector's Title			
Signature			
Date of Inspection			
Inspection Type (Check Applicable)	<input type="checkbox"/> Prior to forecast rain	<input type="checkbox"/> After a rain event	
	<input type="checkbox"/> 24-hr intervals during extended rain	<input type="checkbox"/> Other _____	
Season (Check Applicable)	<input type="checkbox"/> Rainy		<input type="checkbox"/> Non-Rainy
Storm Data	Storm Start Date & Time:		Storm Duration (hrs):
	Time elapsed since last storm (Circle Applicable Units)	Min. Hr. Days	Approximate Rainfall Amount (inches)

PROJECT AREA SUMMARY AND DISTURBED SOIL AREA (DSA) SIZE

Total Project Area _____ Acres

Field Estimate of Active DSAs _____ Acres

Field Estimate of Non-Active DSAs _____ Acres

INSPECTION OF BMPs

BMP / REQUIREMENT	Yes	No	N/A	Corrective Action
Preservation of Existing Vegetation				
Is temporary fencing provided to preserve vegetation in areas where no construction activity is planned?				
Location:				
Erosion Control				
Does the applied temporary erosion control provide 100% coverage for the affected areas?				
Are any non-vegetated areas that may require temporary erosion control?				
Is the area where erosion controls are used required free from visible erosion?				
Location:				
Temporary Linear Sediment Barriers (Silt Fence, Fiber Rolls, Sandbag Barriers, etc.)				
Are temporary linear sediment barriers properly installed, functional and maintained?				
Are temporary linear sediment barriers free of accumulated litter?				
Is the built-up sediment less than 1/3 the height of the barrier?				
Are cross barriers installed where necessary and properly spaced?				
Location:				
Desilting Basins				
Are basins maintained to provide required retention/detention?				
Are basin controls (inlets, outlets, diversions, weirs, spillways and racks) in working order?				
Location:				
Location:				
Location:				
Stockpiles				
Are all locations of temporary stockpiles, including soil, hazardous waste, and construction materials in approved areas?				
Are stockpiles protected from run-on, run-off from adjacent areas and from winds?				

INSPECTION OF BMPs

BMP / REQUIREMENT	Yes	No	N/A	Corrective Action
Are stockpiles located at least 50 ft from concentrated flows, downstream drainage courses and storm drain inlets?				
Are required covers and/or perimeter controls in place?				
Location:				
Location:				
Location:				
Tracking Control				
Are points of ingress/egress to public/private roads inspected, swept, and vacuumed daily?				
Are all paved areas free of visible sediment tracking or other particulate matter?				
Is rock at Temporary Construction Entrance(s) 12-inches or more in thickness?				
Does sediment need to be removed from the rock, or does the rock need to be replaced?				
For Type 2 Construction Entrance, does sediment need to be removed from ribbed plates?				
Location:				
Location:				
Location:				
Wind Erosion Control				
Is dust control implemented?				
Location:				
Location:				
Location:				
Vehicle & Equipment Fueling, Cleaning, and Maintenance				
Are vehicle and equipment fueling, cleaning and maintenance areas reasonably clean and free of spills, leaks, or any other deleterious material?				
Are vehicle and equipment fueling, cleaning and maintenance activities performed on an impermeable surface in dedicated areas?				
If no, are drip pans used?				
Are dedicated fueling, cleaning, and maintenance areas located at least 15 m away from downstream drainage facilities and watercourses, and protected from run-on and runoff?				
Is wash water contained for infiltration/ evaporation and disposed of outside the highway right of way?				
Is on-site cleaning limited to washing with water (no soap, soaps substitutes, solvents, or steam)?				
On each day of use, are vehicles and equipment inspected for leaks and if necessary, repaired?				
Location:				
Location:				
Location:				
Waste Management & Materials Pollution Control				

INSPECTION OF BMPs

BMP / REQUIREMENT	Yes	No	N/A	Corrective Action
Are material storage areas and washout areas protected from run-on and runoff, and located at least 50 ft from concentrated flows and downstream drainage facilities?				
Are all material handling and storage areas clean; organized; free of spills, leaks, or any other deleterious material; and stocked with appropriate clean-up supplies?				
Are liquid materials, hazardous materials, and hazardous wastes stored in temporary containment facilities?				
Are bagged and boxed materials stored on pallets?				
Are hazardous materials and wastes stored in appropriate, labeled containers?				
Are proper storage, clean-up, and spill-reporting procedures for hazardous materials and wastes posted in open, conspicuous and accessible locations adjacent to storage areas?				
Are temporary containment facilities free of spills and rainwater?				
Are temporary containment facilities and bagged/boxed materials covered?				
Are temporary concrete washout facilities designated and being used?				
Are temporary concrete washout facilities functional for receiving and containing concrete waste and are concrete residues prevented from entering the drainage system?				
Do temporary concrete washout facilities provide sufficient volume and freeboard for planned concrete operations?				
Are the temporary concrete washout facilities' PVC liners free from punctures and holes?				
Are concrete wastes, including residues from cutting and grinding, contained and disposed of off-site or in concrete washout facilities?				
Are spills from mobile equipment fueling and maintenance properly contained and cleaned up?				
Is the site free of litter?				
Are trash receptacles provided in the Contractor's yard, field trailer areas, and at locations where workers congregate for lunch and break periods?				
Is litter from work areas within the construction limits of the project site collected and placed in watertight dumpsters?				
Are waste management receptacles free of leaks?				
Are the contents of waste management receptacles properly protected from contact with storm water or from being dislodged by winds?				
Are waste management receptacles filled at or beyond capacity?				
Location:				
Location:				
Location:				
Illicit Connection/Illegal Discharge Detection and Reporting				
Is there any evidence of illicit discharges or illegal dumping on the project site?				
If yes, has the Engineer been notified?				
Location:				
Location:				

INSPECTION OF BMPs

BMP / REQUIREMENT	Yes	No	N/A	Corrective Action
Location:				
Discharge Points				
Are discharge points and discharge flows free from noticeable pollutants?				
Are discharge points free of any significant erosion or sediment transport?				
Location:				
Location:				
Location:				
WPCP/SWPPP Update				
Do the WPCP/SWPPP, Project Schedule/Water Pollution Control Schedule and WPCDs adequately reflect the current site conditions and contractor operations?				
Are all BMPs shown on the WPCDs installed in the proper location(s) and according to the details for the plan?				
Location:				
Location:				
Location:				
General				
Are there any other potential water pollution control concerns at the site?				
Location:				
Location:				
Location:				
Storm Water Monitoring				
Were there any BMPs not properly implemented, or breaches, malfunctions, leakages or spills observed, which could result in the discharge of pollutants to surface waters that would not be visually detectable in storm water?				
Did storm water contact stored materials or waste and resulted in a discharge from the construction site? (Materials not in watertight containers, etc.)				
If yes, were samples for non-visually detectable pollutants collected pursuant to the sampling and analysis plan during rain events?				

ATTACHMENT 8 - TRAINED CONTRACTOR PERSONNEL LOG

STORM WATER MANAGEMENT TRAINING LOG

Project Name: RICE SOLAR ENERGY PROJECT

Project Number/Location: _____

Storm Water Management Topic: (check as appropriate)

- Erosion Control
- Wind Erosion Control
- Non-storm water management
- Storm Water Sampling
- Sediment Control
- Tracking Control
- Waste Management and Materials Pollution Control

Specific Training Objective: _____

Location: _____ Date: _____

Instructor: _____ Telephone: _____

Course Length (hours): _____

Attendee Roster (attach additional forms if necessary)

Name	Company	Phone

COMMENTS:

**ATTACHMENT 9 - SUBCONTRACTOR
NOTIFICATION LETTER AND
NOTIFICATION LOG**

SWPPP NOTIFICATION

Company
Address
City, State, ZIP

Date

Dear Sir/Madam,

Please be advised that the California State Water Resources Control Board has adopted the General Permit (General Permit) for Storm Water Discharges Associated with Construction Activity (CAS000002). The goal of these permits is prevent the discharge of pollutants associated with construction activity from entering the storm drain system, ground and surface waters.

SolarReserve has developed a Storm Water Pollution Prevention Plan (SWPPP) in order to implement the requirements of the Permits.

As a subcontractor, you are required to comply with the SWPPP and the Permits for any work that you perform on site. Any person or group who violates any condition of the Permits may be subject to substantial penalties in accordance with state and federal law. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP and the Permits. A copy of the Permits and the SWPPP are available for your review at the construction office. Please contact me if you have further questions.

Sincerely,

Name
Title

ATTACHMENT 10 - NOTICE OF NON-COMPLIANCE

Implementation and maintenance schedule for any affected BMPs

Insert implementation and maintenance schedule

If further information or a modification to the above schedule is required, notify the contact person below.

Name of Contact Person

Title

Company

Telephone Number

Signature

Date

ATTACHMENT 11 - ANNUAL CERTIFICATION OF COMPLIANCE FORM

ANNUAL CERTIFICATION OF COMPLIANCE FORM

Project Name: RICE SOLAR ENERGY PROJECT

Project Number: _____

Company Name: _____

Address: _____

Construction Start Date: _____ **Completion Date:** _____

This project is in compliance with the General Permit and this SWPPP (check yes or no) ___ **YES** ___ **NO**

Description of Work: description of work

Work Now in Progress: work in progress

Work Planned for Next 12 Months: work planned

"I certify under penalty of law that, during the past 12 months, the construction activities are in compliance with the requirements of the General Permit and this SWPPP. This Certification is based upon the site inspections required in Section B, Item 3 of the General Permit. This document was prepared under my direction or 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, to the best of my knowledge and belief, the information submitted is, 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."

Owner (or Authorized Representative) Signature

Date

Name and Title

Telephone Number

ATTACHMENT 12 - OTHER PLANS AND PERMITS

ATTACHMENT 13 - BMPS SELECTED FOR THE PROJECT

ATTACHMENT 14 - SAMPLING ACTIVITY LOG

SAMPLING ACTIVITY LOG

RAIN EVENT GENERAL INFORMATION

Project Name	RICE SOLAR ENERGY PROJECT		
Project Number			
Contractor			
Sampler's Name			
Signature			
Date of Sampling			
Season (Check Applicable)	<input type="checkbox"/> Rainy	<input type="checkbox"/> Non-Rainy	
Storm Data	Storm Start Date & Time:		Storm Duration (hrs):
	Time elapsed since last storm (Circle Applicable Units)	Min. Hr. Days	Approximate Rainfall Amount (inches)

For rainfall information: <http://cdec.water.ca.gov/weather.html> or <http://www.wrh.noaa.gov/wrhq/nwspage.html>

SAMPLE LOG

Sample Identification	Sample Location	Sample Collection Date and Time

Specific sample locations descriptions may include: 100 ft upstream from discharge at eastern boundary, runoff from northern waste storage area, downgradient of inlet located near the intersection of A Street and B avenue, etc.

FIELD ANALYSIS

<input type="checkbox"/> Yes <input type="checkbox"/> No		
Sample Identification	Test	Result

ATTACHMENT 15 - DISCHARGE REPORTING LOG

ATTACHMENT 16 – CHANGE OF OWNERSHIP FORM

ATTACHMENT 17 – NOTICE OF TERMINATION FORM



Linda S. Adams
*Secretary for
Environmental Protection*

State Water Resources Control Board

Division of Water Quality

1001 I Street • Sacramento, California 95814 • (916) 341-5537
Mailing Address: P.O. Box 1977 • Sacramento, California • 958 12-1977
FAX (916) 341-5543 • Internet Address: <http://www.waterboards.ca.gov/stormwtr/index.html>



Arnold Schwarzenegger
Governor

To: Storm Water Permit Holder

RE: NOTICE OF TERMINATION OF COVERAGE
UNDER THE GENERAL CONSTRUCTION
STORM WATER PERMIT (GENERAL
PERMIT)

In order for us to terminate your coverage under the General Permit, please complete and submit the enclosed Notice of Termination (NOT) your local Regional Water Quality Control Board (RWQCB). Refer to the last page of the NOT packet for RWQCB locations.

Submittal of a NOT does not guarantee termination and outstanding invoices are still valid. If your NOT is denied, you will be required to continue complying with the requirements of the General Permit and all outstanding invoice(s) are due. You will be notified of your NOT status by the RWQCB or State Water Resources Control Board. Approval of your Notice of Termination does not relieve you from paying any applicable outstanding invoices.

Should you have any questions regarding this matter, please contact your local RWQCB at the number listed on the back page of the NOT package, or the Storm Water Unit at (916) 341-5537.

Sincerely,

Storm Water Unit Division of Water Quality

Enclosure

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

State of California
State Water Resources Control Board

NOTICE OF TERMINATION

OF COVERAGE UNDER THE NPDES GENERAL PERMIT NO. CAS000002
FOR DISCHARGES OF STORM WATER
ASSOCIATED WITH CONSTRUCTION ACTIVITY

Submission of this Notice of Termination constitutes notice that the owner (and his/her agent) of the site identified on this form is no longer authorized to discharge storm water associated with construction activity by NPDES General Permit No. CAS000002.

I. WDID NO.

II. OWNER

COMPANY NAME _____ CONTACT PERSON _____
STREET ADDRESS _____ TITLE _____
CITY _____ STATE _____ ZIP _____ PHONE _____

III. CONSTRUCTION SITE INFORMATION

A. DEVELOPER NAME _____ CONTACT PERSON _____
STREET ADDRESS _____ TITLE _____
CITY _____ CA _____ ZIP _____ PHONE _____

B. SITE ADDRESS _____ COUNTY _____ CITY _____

IV. BASIS OF TERMINATION

_____ 1. The construction project is complete and the following conditions have been met.

- All elements of the Storm Water Pollution Prevention Plan have been completed. - Construction materials and waste have been disposed of properly.
- The site is in compliance with all local storm water management requirements. - A post-construction storm water operation and management plan is in place.

Date of project completion ____/____/____

_____ 2. Construction activities have been suspended, either temporarily _____ or indefinitely _____ and the following conditions have been met.

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

- All elements of the Storm Water Pollution Prevention Plan have been completed. - Construction materials and waste have been disposed of properly.
- All denuded areas and other areas of potential erosion are stabilized.
- An operation and maintenance plan for erosion and sediment control is in place. - The site is in compliance with all local storm water management requirements.

Date of suspension ____/____/____ Expected start up date ____/____/____

3. Site can not discharge storm water to waters of the United States (check one).

_____ All storm water is retained on site.

_____ All storm water is discharged to evaporation or percolation ponds offsite.

_____ 4. Discharge of storm water from the site is now subject to another NPDES general permit or an individual NPDES permit.

NPDES Permit No. Date coverage began ____/____/____

_____ 5. There is a new owner of the identified site. Date of owner transfer ____/

____/____ Was the new owner notified of the General Permit requirements? YES ____ NO ____

NEW OWNER INFORMATION

COMPANY NAME _____ CONTACT PERSON _____

STREET ADDRESS _____ TITLE _____

CITY _____ STATE _____ ZIP _____ PHONE _____

V. EXPLANATION OF BASIS OF TERMINATION (Attach site photographs - see instructions).

VI. CERTIFICATION:

I certify under penalty of law that all storm water discharges associated with construction activity from the identified site that are authorized by NPDES General Permit No. CAS000002

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

have been eliminated or that I am no longer the owner of the site. I understand that by submitting this Notice of Termination, I am no longer authorized to discharge storm water associated with construction activity under the general permit, and that discharging pollutants in storm water associated with construction activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this Notice of Termination does not release an owner from liability for any violations of the general permit or the Clean Water Act.

PRINTED NAME _____ TITLE _____

SIGNATURE: _____ DATE ____/____/____

REGIONAL WATER BOARD USE ONLY

This Notice of Termination has been reviewed, and I recommend termination of coverage under the subject NPDES general permit.

Printed Name Signature

Region _____
No. Date _____
/ _____
Date: ____/____/____

NOT effective date:
Date: ____/____/____

INSTRUCTIONS FOR COMPLETING NOTICE OF TERMINATION FOR CONSTRUCTION ACTIVITY

Who May File

Dischargers who are presently covered under NPDES General Permit No. CAS000002 for discharge of storm water associated with construction activity may submit a Notice of Termination when they meet one of the following criteria.

1. The construction project has been completed and the following conditions have been met: all elements of the Stormwater Pollution Prevention Plan have been completed; construction materials and equipment maintenance waste have been disposed of properly; the site is in compliance with all local storm water management requirements including erosion/sediment control requirements and the appropriate use permits have been obtained; and a post-construction storm water operation and management plan is in place.
2. Construction activities have been suspended, either temporarily or indefinitely and the following conditions have been: all elements of the Stormwater Pollution Prevention Plan have been completed; construction materials and equipment maintenance waste have been disposed of properly; all denuded areas and other areas of potential erosion are stabilized; an operation and maintenance plan for erosion and sediment control is in place; and the site is in compliance with all local storm water management requirements including erosion/sediment control requirements.
The date construction activities were suspended, and the expected date construction activities will start up again should be provided.
3. Construction site can not discharge storm water to waters of the United States. Please indicate if all storm water is retained on site or if storm water is collected offsite.
4. Discharge of construction storm water from the site is now subject to another NPDES general permit or an individual NPDES permit. The general permit or individual permit NPDES number and date coverage began should be provided.
5. There is a new owner of the identified site. If ownership or operation of the facility has been transferred then the previous owner must submit a Notice of Termination and the new owner must submit a Notice of Intent for coverage under the general permit. The date of transfer and information on the new owner should be provided. Note that the previous owner may be liable for discharge from the site until the new owner files a Notice of Intent for coverage under the general permit.

Where to File

Submit the Notice of Termination to the Executive Officer of the Regional Water Quality Control Board responsible for the area in which the facility is located. See attached. Submittal of a NOT does not guarantee termination and outstanding invoices are still valid. If the Executive Officer, or his designated staff, agrees with the basis of termination, the Notice of Termination will be transmitted to the State Water Board for processing at which time it will be determined if any outstanding invoices are still valid. Approval of your Notice of Termination does not relieve you from paying any applicable outstanding invoices. If the Executive Officer, or his designated staff, does not agree with the basis of termination, the Notice of Termination will be returned. The Regional Water Board may also inspect your site prior to accepting the basis of termination.

LINE-BY-LINE INSTRUCTIONS

All necessary information must be provided on the form. Type or print in the appropriate areas only. Submit additional information, if necessary, on a separate sheet of paper.

SECTION I--WDID NO.

The WDID No. is a number assigned to each discharger covered under the General Permit. If you do not know your WDID No., please call the State Water Board or Regional Water Board and request it prior to submittal of the Notice of Termination.

SECTION II--OWNER

Enter the owner of the construction site's official or legal name (This should correspond with the name on the Notice of Intent submitted for the site), address of the owner, contact person, and contact person's title and telephone number.

SECTION III--CONSTRUCTION SITE INFORMATION

In Part A, enter the name of the developer (or general contractor), address, contact person, and contact person's title and telephone number. The contact person should be the construction site manager completely familiar with the construction site and charged with compliance and oversight of the general permit. This information should correspond with information on the Notice of Intent submitted for the site.

In Part B, enter the address, county, and telephone number (if any) of the construction site. Construction sites that do not have a street address must attach a legal description of the site.

SECTION IV--BASIS OF TERMINATION

Check the category which best defines the basis of your termination request. See the discussion of the criteria in the Who May File section of these instructions. Provide dates and other information requested. Use the space under Explanation of Basis of Termination heading.

SECTION V--EXPLANATION OF BASIS OF TERMINATION

Please explain the basis or reasons why you believe your construction site is not required to comply with the General Permit. To support your explanation, provide a site map and photograph of your site.

SECTION VI--CERTIFICATION

This section must be completed by the owner of the site.

The Notice of Termination must be signed by:

For a Corporation: a responsible corporate officer

For a Partnership or Sole Proprietorship: a general partner or the proprietor, respectively.

For a Municipality, State, or other Non-Federal Public Agency: either a principal executive officer or ranking elected official.

For a Federal Agency: either the chief or senior executive officer of the agency.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARDS

NORTH COAST REGION (1)

5550 Skylane Blvd, Ste. A
Santa Rose, CA 95403
(707) 576-2220 FAX: (707)523-0135 <http://www.waterboards.ca.gov/rwqcb1>

SAN FRANCISCO BAY REGION (2)

1515 Clay Street, Ste. 1400
Oakland, CA 94612
(510) 622-2300 FAX: (510) 622-2640 <http://www.waterboards.ca.gov/rwqcb2>

Rancho Cordova, CA 95670-6114
(916) 464-3291 FAX: (916) 464-4645
<http://www.waterboards.ca.gov/rwqcb5>
Fresno, CA 93706
(559) 445-5116 FAX: (559) 445-5910
<http://www.waterboards.ca.gov/rwqcb5>

(530) 224-4845 FAX: (530) 224-4857
<http://www.waterboards.ca.gov/rwqcb5>

COLORADO RIVER BASIN REGION (7)
73-720 Fred Waring Dr., Ste. 100
Palm Desert, CA 92260
(760) 346-7491 FAX: (760) 341-6820
<http://www.waterboards.ca.gov/rwqcb7>

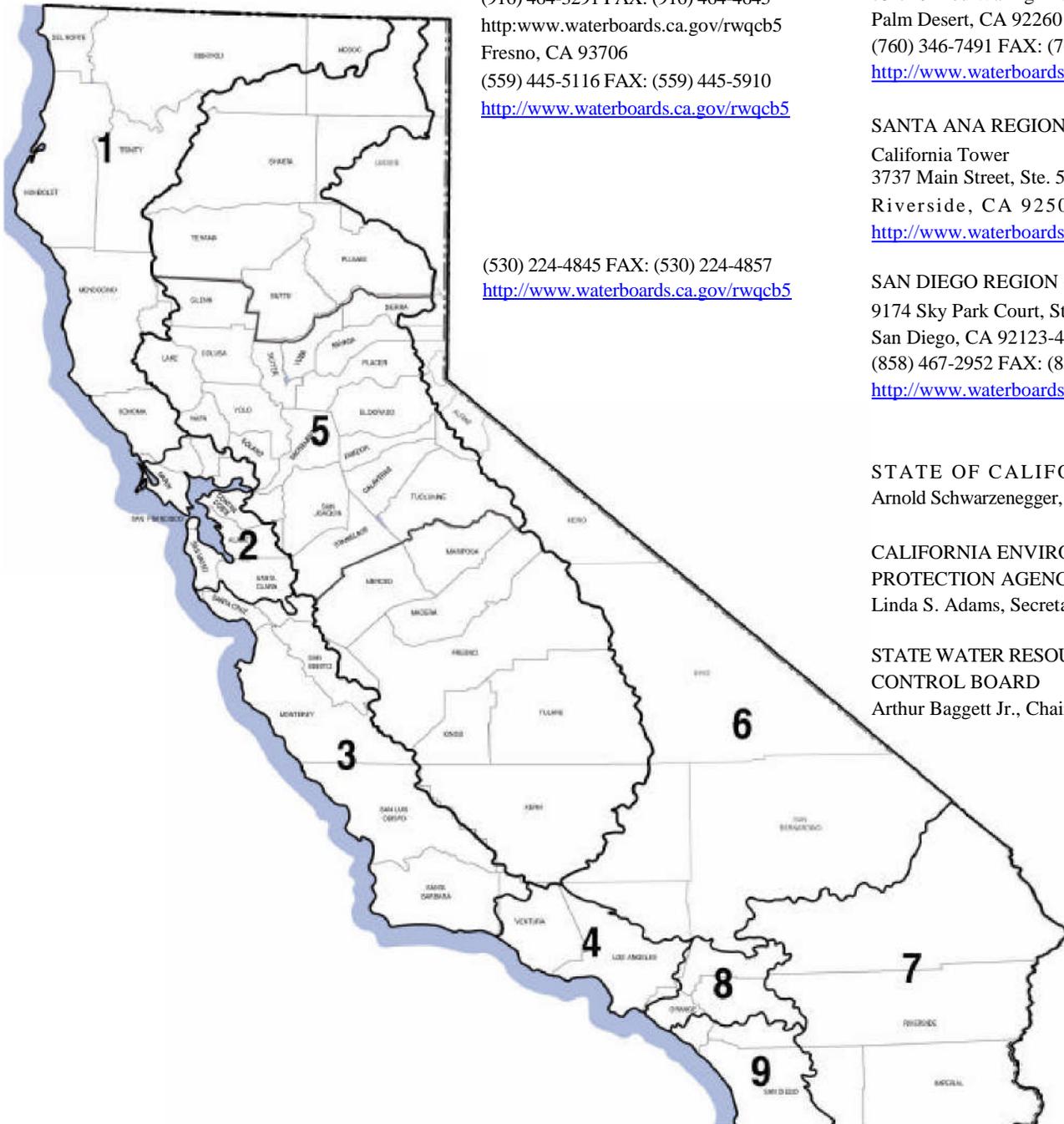
SANTA ANA REGION (8)
California Tower
3737 Main Street, Ste. 500
Riverside, CA 92501-3339
<http://www.waterboards.ca.gov/rwqcb8>

SAN DIEGO REGION (9)
9174 Sky Park Court, Ste. 100
San Diego, CA 92123-4340
(858) 467-2952 FAX: (858) 571-6972
<http://www.waterboards.ca.gov/rwqcb9>

STATE OF CALIFORNIA
Arnold Schwarzenegger, Governor

CALIFORNIA ENVIRONMENTAL
PROTECTION AGENCY
Linda S. Adams, Secretary

STATE WATER RESOURCES
CONTROL BOARD
Arthur Baggett Jr., Chairman



SWPPP
RICE SOLAR POWER PROJECT

CENTRAL COAST REGION (3) 895 Aerovista Place, Ste 101
San Luis Obispo, CA 93401
(805) 549-3147 FAX: (805) 543-0397 <http://www.waterboards.ca.gov/rwqcb3>

LOS ANGELES REGION (4)
320 W. 4th Street, Ste. 200
Los Angeles, CA 90013
(213) 576-6600 FAX: (213) 576-6640 <http://www.waterboards.ca.gov/rwqcb4>

LAHONTAN REGION (6 SLT) 2501 Lake Tahoe Blvd.
South Lake Tahoe, CA 96150
(530) 542-5400 FAX: (530) 544-2271 <http://www.waterboards.ca.gov/rwqcb6>

VICTORVILLE OFFICE (6V)
14440 Civic Drive, Ste. 200 Victorville, CA 92392-23 83
(760) 241-6583 FAX: (760) 241-7308 <http://www.waterboards.ca.gov/rwqcb6>
