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March 26, 2013

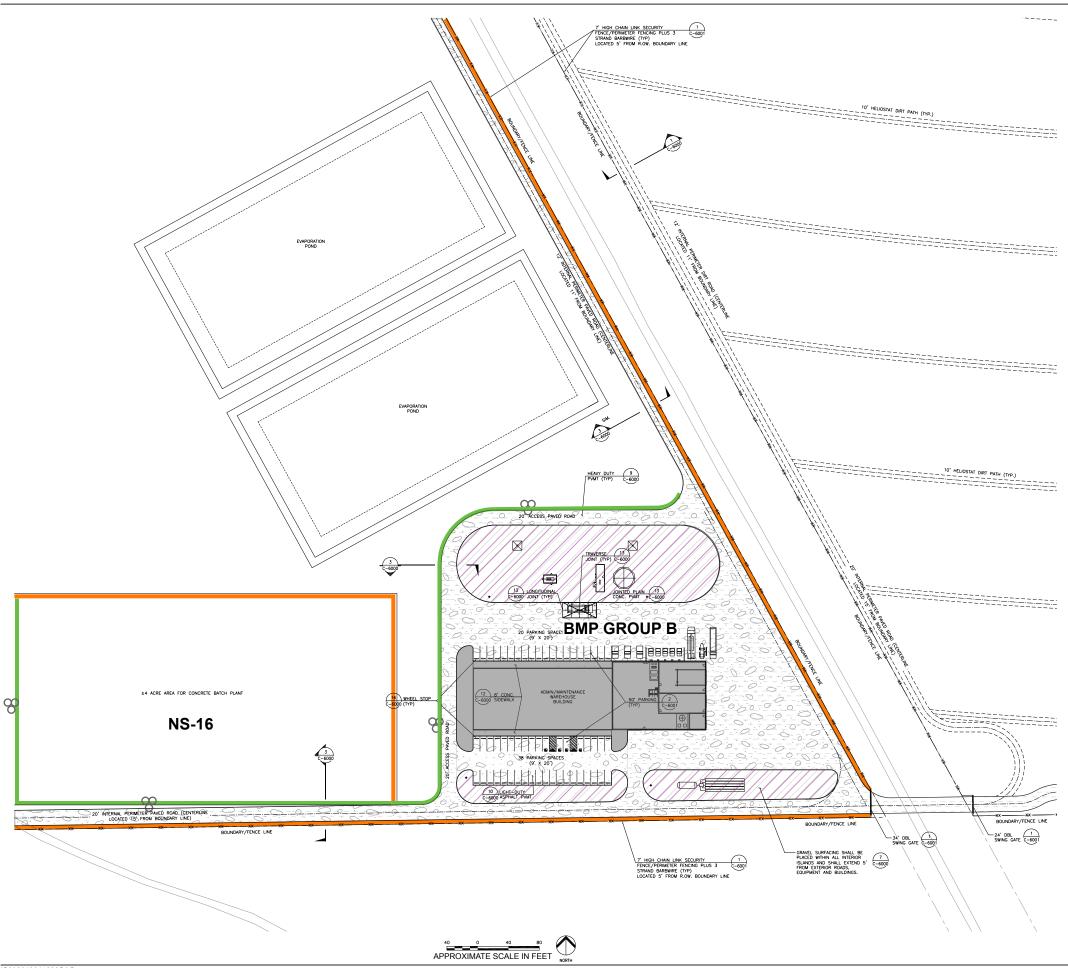
California Energy Commission Dockets Unit 1516 Ninth Street Sacramento, CA 95814-5512

Subject: PRELIMINARY DRAFT CONSTRUCTION DRAINAGE, EROSION AND SEDIMENTATION CONTROL PLAN/ STORMWATER POLLUTION PREVENTION PLAN SUPPLEMENT – APPENDIX A PALEN SOLAR ELECTRIC GENERATING SYSTEM DOCKET NO. (09-AFC-7C)

Enclosed for filing with the California Energy Commission is the electronic version of the **PRELIMINARY DRAFT CONSTRUCTION DRAINAGE, EROSION AND SEDIMENTATION CONTROL PLAN/ STORMWATER POLLUTION PREVENTION PLAN SUPPLEMENT – APPENDIX A**, for the Palen Solar Electric Generating System (09-AFC-7C).

Sincerely,

Marie Fleming



LEGEND				
—	SE-1 AND/OR SE-5, SILT FENCE AND/OR FIBER ROLL (AS NEEDED)			
	EC-9, EARTH DIKES AND/OR DRAINAGE SWALES (AS NEEDED)			
$\rightarrow$	DIRECTION OF STORMWATER FLOW			
	CONCRETE			
0.0	ASPHALT PAVEMENT			
	GRAVEL			
œ	EC-10, VELOCITY DISSIPATION DEVICES			

REFERENCE WPCD(d) FOR COMPLETE BMP LEGEND

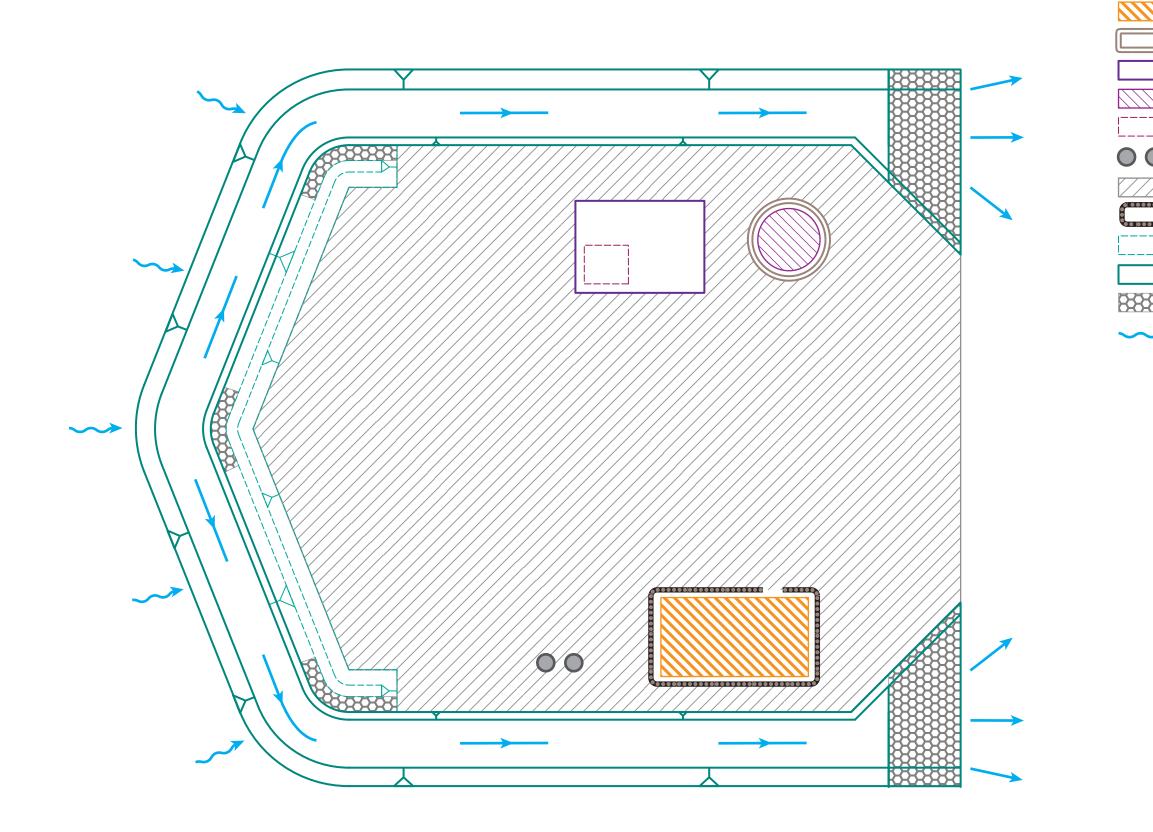
WPCD (a) Hypothetical BMP Plan for Common Area Palen Solar Electric Generating System

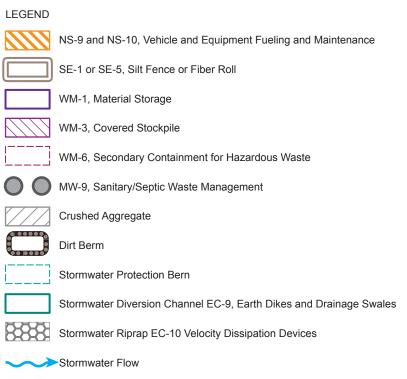


LEGEND				
—	SE-1 AND/OR SE-5, SILT FENCE AND/OR FIBER ROLL (AS NEEDED)			
	EC-9, EARTH DIKES AND/OR DRAINAGE SWALES (AS NEEDED)			
$\rightarrow$	DIRECTION OF STORMWATER FLOW			
	CONCRETE			
0.0	ASPHALT PAVEMENT			
	GRAVEL			
œ	EC-10, VELOCITY DISSIPATION DEVICES			

REFERENCE WPCD(d) FOR COMPLETE BMP LEGEND

WPCD (b) Hypothetical BMP Plan for Solar Tower Unit-2 Construction Phase Palen Solar Electric Generating System





0 50 100

Approximate scale in feet

WPCD (c) Hypothetical BMP Plan for Construction Laydown Area Palen Solar Electric Generating System

CH2MHILL.

# **BEST MANAGEMENT PRACTICES (BMPs)**

#### **EROSION CONTROL:**

EC-1, SCHEDULING EC-2, PRESERVATION OF EXISTING VEGETATION EC-3, HYDRAULIC MULCH EC-5, SOIL BINDERS EC-6, STRAW MULCH EC-7, GEOTEXTILES AND MATS EC-8, WOOD MULCHING EC-9, EARTH DIKES AND DRAINAGE SWALES EC-10, VELOCITY DISSIPATION DEVICES EC-11, SLOPE DRAINS EC-12, STREAM BANK STABILIZATION EC-14, COMPOST BLANKETS EC-15, SOIL PREPARATION ROUGHENING EC-16, NON-VEGETATIVE STABILIZATION

#### SEDIMENT CONTROL:

SE-1, SILT FENCE SE-2, SEDIMENT BASIN SE-3, SEDIMENT TRAP SE-4, CHECK DAM SE-5, FIBER ROLLS SE-6, GRAVEL BAG BERM SE-7, STREET SWEEPING AND VACUUMING SE-8, SANDBAG BARRIER SE-9, STRAW BALE BARRIER SE-10, STORM DRAIN INLET PROTECTION SE-11, ACTIVE TREATMENT SYSTEM SE-12, TEMPORARY SILT DIKE SE-13, COMPOST SOCKS AND BERMS SE-14, BIO FILTER BAGS

#### TRACKING CONTROL:

TC-1, STABILIZED CONSTRUCTION ENTRANCE/EXIT TC-2, STABILIZED CONSTRUCTION ROADWAY TC-3, ENTRANCE/OUTLET TIRE WASH

#### WIND EROSION CONTROL:

WE-1, WIND EROSION CONTROL

#### NON-STORM WATER MANAGEMENT:

NS-1, WATER CONSERVATION PRACTICES NS-2, DEWATERING OPERATIONS NS-3, PAVING AND GRINDING OPERATIONS NS-4, TEMPORARY STREAM CROSSING NS-5, CLEAR WATER DIVERSION NS-6, ILLICIT CONNECTION/DISCHARGE NS-7, POTABLE WATER/IRRIGATION NS-8, VEHICLE/EQUIPMENT CLEANING NS-9, VEHICLE AND EQUIPMENT FUELING NS-10, VEHICLE AND EQUIPMENT MAINTENANCE NS-12, CONCRETE CURING NS-13, CONCRETE FINISHING NS-16, TEMPORARY BATCH PLANT

#### 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-7, CONTAMINATED SOIL MANAGEMENT WM-8, CONCRETE WASTE MANAGEMENT WM-9, SANITARY/SEPTIC MANAGEMENT WM-10, LIQUID WASTE MANAGEMENT

#### **BMP GROUP LEGEND**

GROUP No.	BMP (BEST MANAGEMENT PRACTICES)					
	EC-3	NS-9	TC-1			
	EC-5	NS-10	TC-2			
	EC-6	SE-1	WE-1			
	EC-7	SE-3	WM-1			
	EC-9	SE-4	WM-2			
А	EC-10	SE-5	WM-3			
~	EC-16	SE-6	WM-4			
	NS-1	SE-8	WM-5			
	NS-2	SE-9	WM-6			
	NS-8	SE-12	WM-7			
		SE-14	WM-9			

BMP GROUP LEGEND							
GROUP No.	BMP (BEST MANAGEMENT PRACTICES)						
	EC-3	NS-10	TC-1				
	EC-5	NS-12	TC-2				
	EC-6	NS-13	WE-1				
	EC-7	SE-1	WM-1				
	EC-9	SE-3	WM-2				
В	EC-10	SE-4	WM-3				
U	EC-16	SE-5	WM-4				
	NS-1	SE-6	WM-5				
	NS-2	SE-7	WM-6				
	NS-3	SE-8	WM-7				
	NS-8	SE-9	WM-8				
	NS-9	SE-14	WM-9				

WPCD (d) BMP Abbreviations and Notes Palen Solar Electric Generating System



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA 1516 NINTH STREET, SACRAMENTO, CA 95814 1-800-822-6228 – WWW.ENERGY.CA.GOV

# AMENDMENT

# FOR THE PALEN SOLAR ELECTRIC GENERATING SYSTEM

# SERVICE LIST:

### APPLICANT

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# Docket No. 09-AFC-7C PROOF OF SERVICE (Revised 3/26/13)

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California Energy Commission Docket Unit Attn: Docket No. 09-AFC-07C 1516 Ninth Street, MS-4 Sacramento, CA 95814-5512 docket@energy.ca.gov

# OTHER ENERGY COMMISSION PARTICIPANTS (LISTED FOR CONVENIENCE ONLY):

After docketing, the Docket Unit will provide a copy to the persons listed below. Do not send copies of documents to these persons unless specifically directed to do so.

KAREN DOUGLAS Commissioner and Presiding Member

David Hochschild Commissioner and Associate Member

Raoul Renaud Hearing Adviser

Galen Lemei Adviser to Presiding Member

Jennifer Nelson Adviser to Presiding Member

Jim Bartridge Adviser to Associate Member

Kelly Foley Adviser to Associate Member

Eileen Allen Commissioners' Technical Adviser for Facility Siting

# **DECLARATION OF SERVICE**

I, Marie Fleming, declare that on March 26, 2013, I served and filed copies of the attached, **PRELIMINARY DRAFT CONSTRUCTION DRAINAGE, EROSION AND SEDIMENTATION CONTROL PLAN/ STORMWATER POLLUTION PREVENTION PLAN SUPPLEMENT – APPENDIX A** dated March 2013. This document is accompanied by the most recent Proof of Service, which I copied from the web page for this project at: http://www.energy.ca.gov/sitingcases/palen/compliance/.

The document has been sent to the other parties in this proceeding (as shown on the Proof of Service) and to the Commission's Docket Unit, as appropriate, in the following manner:

### (Check one)

### For service to all other parties and filing with the Docket Unit at the Energy Commission:

- I e-mailed the document to all e-mail addresses on the Service List above and personally delivered it or deposited it in the US mail with first class postage to those parties noted above as "hard copy required"; OR
- X Instead of e-mailing the document, I personally delivered it or deposited it in the US mail with first class postage to all of the persons on the Service List for whom a mailing address is given.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am over the age of 18 years.

Dated: March 26, 2013

Maai Fing

Marie Fleming