Date:
November 21, 2011

Applicant:
Centinela Solar Energy, LLC
Contact: Nadja Jusufovic
(925) 201-5220

Applicant's Representative:
LS Power Development, LLC
Contact: David Wilson, P.E.
(636) 534-3221

Project Name:
Centinela Solar Energy Project, WDID No. 7A133101001

Receiving Water:
The sites are located in the Mount Signal area, southwest of the city of El Centro, County of Imperial, California and are grouped by NWP**.**

NWP 39

Site 1

- Waterbody: Woodbine Canal
- UTM: 11S, 625474 E, 3618242 N
- Assessors Parcel Number: 052-170-019
- Section, Township, Range: T17N, R13E, Section 5, SWSE ¼
- USGS Quadrangle Map Name: Mount Signal

The project site is located within the Salton Sea Watershed, USGS 8-digit Hydrologic Cataloging Unit (HUC) 18100200. The Salton Sea is the terminal water body that receives water from the New, Alamo, and Whitewater Rivers. Water flows into head ditches (delivery canals) and through agricultural fields into drains, then into Greeson Wash, which flows to the New River and eventually the Salton Sea.

Site 2

- Waterbody: Woodbine Canal
- UTM: 11S, 627625 E, 3617355 N
- Assessors Parcel Number: 052-170-035
- Section, Township, Range: T17N, R13E, Section 9, NESE ¼
- USGS Quadrangle Map Name: Mount Signal

Watershed and Other Location Descriptions: See description for Site 1 above.

Site 3

- Waterbody: Wells Drain
- UTM: 11S, 627668 E, 3617134 N
- Assessors Parcel Number: 052-180-033

- Section, Township, Range: T17N, R13E, Section 10, NWSW ¼
- USGS Quadrangle Map Name: Mount Signal

The project site is located within the Salton Sea Watershed, USGS 8-digit Hydrologic Cataloging Unit (HUC) 18100200. The Salton Sea is the terminal water body that receives water from the New, Alamo, and Whitewater Rivers. Water flows from Wells Drain into Greeson Wash, which flows to the New River and eventually the Salton Sea.

Site 4

- Waterbody: Carpenter Drain 1
- UTM: 11S, 626002 E, 3616470 N
- Assessors Parcel Number: 052-190-009
- Section, Township, Range: T17S, R13E, Section 16, NWNW ¼
- USGS Quadrangle Map Name: Mount Signal

The project site is located within the Salton Sea Watershed, USGS 8-digit Hydrologic Cataloging Unit (HUC) 18100200. The Salton Sea is the terminal water body that receives water from the New, Alamo, and Whitewater Rivers. Water flows to Carpenter Drain, then to the Mount Signal Drain, then into Greeson Wash, which flows to the New River and eventually the Salton Sea.

NWP 12

Site 1

- Waterbody: Unnamed tributary to Westside Main Canal
- UTM: 11S, 621558 E, 3616153 N
- Section, Township, Range: T17S, R12E, Section 13, NENW ¼
- USGS Quadrangle Map Name: Mount Signal

The project site is located within the Salton Sea Watershed, USGS 8-digit Hydrologic Cataloging Unit (HUC) 18100200. The Salton Sea is the terminal water body that receives water from the New, Alamo, and Whitewater Rivers. Water may flow through this ephemeral wash into the Westside Main Canal which eventually delivers water into head ditches (delivery canals) and through agricultural fields into drains, then into Greeson Wash, which flows to the New River and eventually the Salton Sea.

Site 2

- Waterbody: Pinto Wash
- UTM: 11S, 620764 E, 3619160 N
- Section, Township, Range: T17S, R12E, Section 2, SENE ¼ and NENE ¼
- USGS Quadrangle Map Name: Mount Signal

Location:

City or Area Mount Signal Area (El Centro), County Imperial
Longitude/Latitude: 32.68686, -115.647844

Township/Range: T 17 South, R 13 East

Project Description:

Centinela Solar Energy, LLC (CSE) is proposing to build, operate and maintain a photovoltaic (PV) solar electric power generating facility with a capacity of up to approximately 275 megawatts (MW) and associated electric line (Gen-tie Line) on private and federal lands in southern Imperial County.

The proposed project consists of two primary components:

(i) generation and associated facilities on privately owned land (the "CSE Facility") and
(ii) an approximately seven-mile, 230-kilovolt (kV) aboveground, Gen-tie Line that will connect the CSE Facility on private land with the Imperial Valley Substation located on federal land managed by the U.S. Department of the Interior Bureau of Land Management (BLM). The CSE Facility and Gen-tie Line are referred to collectively as the "Project." The area encompassing the CSE Facility and the Gen-tie Line is referred to as the "CSE Project Area." The Applicant plans to begin construction on the Project as early as winter 2011.

The proposed CSE Facility is comprised of approximately 2,067 acres of private land, of which approximately 1,861 acres are currently in active agricultural production.
The proposed Gen-tie Line transects three distinct property segments (CSE Facility private lands, private lands west of the CSE Facility, and BLM-administered lands). The Gen-tie Line will originate at the CSE Facility substation, located immediately south of Highway 98 and approximately 1/2 mile east of Pulliam Road, and extend approximately 1.5 miles generally west through the CSE Facility site. From the western boundary of the CSE Facility site, the Gen-tie Line would extend across the West Side Main Canal and continue approximately 1.25 miles through private agricultural lands south of Highway 98. The remaining approximately 4.25 miles extends through federal lands managed by the BLM, first west then north, to connect with the Imperial Valley Substation. The proposed BLM ROW for the Gen-tie Line encompasses the segment from Mount Signal Road south of Highway 98 and traverses approximately 4.25 miles to the Imperial Valley Substation. For most of its length, the proposed Gen-tie Line ROW is adjacent to existing 230-kV electric lines. The proposed BLM ROW width is 125 feet.

Action:
Pending

Water Board Contact:
Jay Mirpour, Water Resources Control Engineer
(760) 776-8981
jmirpour@waterboards.ca.gov