



A Tradition of Stewardship  
A Commitment to Service

County Executive Office  
Human Resources Division

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## MEMORANDUM

To: Sean Trippi, Conservation, Development, & Planning	From: Greg Pirie County Executive Office, Dept of Environmental Management
Date: May 17, 2010	Re: Request For Comments AP# 58-020-012, 58-050-042 American Canyon Landfill Solar Farm Facility

The Napa County Solid Waste Local Enforcement Agency reviewed the application for the proposed Solar Farm Facility to be located on the American Canyon Landfill. Please refer to comments below. Please contact me if you have any questions or need clarification.

- Napa Vallejo Waste Management Authority applied for a revision to the Final Postclosure Maintenance Plan for the Solar Farm Facility. The revision should be completed and approved by the Napa County Solid Waste Local Enforcement Agency prior to implementing the proposed project.
- The State Department of Resources Recycling and Recovery (CalRecycle) should also be identified as a responsible agency.



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**Department of Public Works**

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**Donald G. Ridenhour, P.E.**  
Director of Public Works

## MEMORANDUM

<b>To:</b> Napa County Planning Department and Conservation Department Sean Trippi	<b>From:</b> Napa County Public Works Kevin Berryhill, P.E. <i>KBS</i> 707.299.1755
<b>Date:</b> June 9, 2010	<b>Re:</b> P10-00139, Napa Solar Farm, NVWMA Landfill site. APN 058-020-012; 058-050-042

This application is to allow a 6.7 MW solar farm facility to generate electricity located at the former landfill west of the City of American Canyon currently owned by the Napa Vallejo Waste Management Authority (NVWMA).

### EXISTING CONDITIONS:

1. Existing property entrance is on the Northeast corner of the APN 058-020-012-000.
2. The property currently shows it as within the 100-yr floodplain limits; FEMA Map No. 06055C0625E, Effective Date of September 26, 2008, Zone AE (Elevation 10). Napa County Public Works Department is working with the NVWMA for the submittal of a Letter of Map Revision based on Fill (LOMR-F) to FEMA. The proposed location of the solar farm facility is outside the 100-yr floodplain.

### RECOMMENDED CONDITIONS:

#### PARKING:

1. Any parking proposed by the applicant or required by the Planning Department as a condition of this use permit modification must have a minimum structural section of 5 inches of Class II Aggregate Base plus a double chip seal coat or equivalent. (County Road and Street Standards, Page 27, Section 19).
2. Any proposed parking shall conform to the requirements of the latest edition of the Napa County Road and Street Standards.

**SITE IMPROVEMENTS:**

1. All on site civil improvements including but not limited to the excavation, fill, general grading, drainage, parking, and access roads, shall be constructed according to plans prepared by a registered civil engineer, which will be reviewed and approved by this office prior to the commencement of any on site land preparation or construction. A plan check fee will apply.

**POST-CONSTRUCTION RUNOFF MANAGEMENT REQUIREMENTS:**

1. Please fill out and submit a Post-Construction runoff management requirements Appendix A – Applicability Checklist.
2. The application shall incorporate Site Design, Source Control and Treatment control Best Management Practices to comply with County and State water quality standards if applicable.
3. Any proposed parking lots and other impervious areas shall be designed to drain through grassy swales, buffer strips, sand filters or other sediment control methods which will be approved by this Department. If any discharge of concentrated surface waters is proposed into any "Waters of the State," the permittee shall consult with and secure any necessary permits from the State Regional Water Quality Control Board prior to the issuance of applicable construction permits.

**CONSTRUCTION STORMWATER MANAGEMENT REQUIREMENTS:**

1. All earth disturbing activities shall include measures to prevent erosion, sediment, and waste materials from leaving the site and entering waterways both during and after construction in conformance with the Napa County Stormwater Ordinance. Best Management Practices shall also be implemented to minimize dust at all times.
2. Any construction activity that will result in disturbance of greater than one acre of total land area will require the permittee to obtain coverage in accordance with Napa County's General Permit for Discharges of Storm Water Associated with Construction issued by the Regional Water Quality Control Board (SRWQCB).
3. All hazardous materials stored and used on-site during construction that could cause water pollution (e.g. motor oil, cleaning chemicals, paints, concrete, etc.) shall be stored and used in a manner that will not cause pollution, with secondary containment provided. Such storage areas shall be regularly cleaned to remove litter and debris. Any spills shall be promptly cleaned up and appropriate authorities notified.
4. All trash enclosures must be covered and protected from rain, roof, and surface drainage.
5. The property owner shall inform all individuals, who will take part in the construction process, of these requirements.

Any changes in use may necessitate additional conditions for approval.

If you have any questions regarding the above items please contact Kevin Berryhill at 299-1755.



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## INTER-OFFICE MEMO

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TO: Hillary Gitelman, Director  
Conservation, Development, and Planning Department

FROM: Alicia Amaro, Fire Department

DATE: May 14, 2010

SUBJECT: Napa Solar Farm Use Permit Comments  
Apn: 058-020-012 P10-00139  
058-050-042

**Site Address: Eucalyptus Road, Napa**

The Napa County Fire Marshal staff has reviewed the use permit application for a 6.7mw solar power generation facility at the former American Canyon Landfill.

The scope of this project does not warrant fire protection conditions at this time as long as **all construction and use of the facility complies with all applicable standards, regulations, codes and ordinances at the time of building permit issuance.**

If there are any questions please feel free to contact the Napa County Fire Marshal's Office at (707) 967-1425 to discuss any other fire protection issues you may have regarding your project.

Alicia Amaro  
Assistant Fire Marshal



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**Conservation, Development and Planning**

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**Hillary Gitelman**  
Director

7-13-10

**Building Inspection Department review comments for inclusion with:**

Planning Department permit: P09-00139 Use Permit General

Status of Building Department review of this planning entitlement: Approved

At parcel: 058-020-012  
Eucalyptus Road, American Canyon, CA

Owner: NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY

Description of permit: Construction of a 6.7 Mega-Watt solar electric power generation facility. The proposed facility will consist of approximately 50,000 photovoltaic modules assembled into large scale solar arrays mounted on pre-cast concrete pads. The facility will be constructed on about 50 acres of the 80-acre site. The overall height of the arrays will be approximately 5 to 6 feet above existing grade.

Comments:

The Building Department is not reviewing this project for compliance with CA Building Standards at this time; it is only reviewing the proposed Planning entitlement. The Building Department has no issues or concerns with the approval of the Use Permit General; it is a planning entitlement only and doesn't in itself authorize any construction or change in occupancy.

No significant California Building Standards Code issues foreseen at this time based on the information presented. Any issues will be dealt with during future building permit application review and approval processes.

All plans and documents for commercial projects are required by State Law to be prepared and coordinated under the direction of a California Licensed Architect, or other allowable properly CA-Licensed Design Professional in Responsible Charge (Business and Professions Code, Chapter 3, Division 3 & California Building Code, Appendix Chapter 1). This project would most likely be coordinated by a California Licensed Electrical Engineer.

Prior to any future construction work, or change in occupancy, applicable building permits for the work must first be obtained; all work must comply with all applicable code requirements, including accessibility requirements of CBC Chapter 11B. Submit complete & appropriate plans, specifications, and engineering, etc. when applying for permits.

**Eric Banvard**  
Plans & Permit Supervisor  
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