

KELEGIAN RANCH PROPERTY
SANTA MARGARITA, CA
STORM WATER POLLUTION PREVENTION PLAN
AND MONITORING REPORT

OCTOBER 21, 2002

KELEGIAN RANCH PROPERTY

STORM WATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

Project Name and Location (Latitude, Longitude or Address)

Section 31, Township 28 South, Range 15 East, Mount Diablo Base and Meridian, located in San Luis Obispo County, east of Santa Margarita, California. (35° 27' Latitude, 120° 25' Longitude)

Owner Name and Address

Haig Kelegian
26 Sunset Cove
Newport Cliffs, CA 92657

Description (Purpose and Types of Soil Disturbing Activities)

This project consists of the clearing and grubbing of approximately 199 acres of chemise and chaparral-covered hillsides for eventual planting of olive trees and grasses. It also includes aerial seeding of approximately 46 acres burned in the Highway 58 Fire of July 20, 2002. Soil disturbing activities will include:

- clearing and grubbing,
- installing silt barriers and other erosion and sediment controls, and
- preparation for final planting and seeding.

Runoff Coefficient

The final coefficient of runoff for the site will be $c = 0.30$ (per SLO County Standard Detail D-2). This means that the site is covered with sparse vegetation over sandy soils and slopes over 10%.

Site Area

Disturbed area will encompass approximately 199 acres. The entire property is currently vacant rural land. The site is generally rolling hills, with slopes up to 20%.

Sequence of Major Activities

A. Install On-site Erosion and Sediment Controls. The order of activities will be as follows:

1. Install straw wattles as shown on the erosion control plan.
2. Install EnviroBerm porous sediment control as shown on the erosion control plan.
3. Stabilize denuded areas within 14 days of last clearing activity in that area.
4. Remove accumulated sediment from berms and other sediment control devices.
5. When all clearing activity is complete and the site is stabilized, aerial seed all disturbed and burned areas.

Name of Receiving Waters

Onsite storm runoff drains into the Huer Huero Creek.

CONTROLS

EROSION AND SEDIMENT CONTROLS

1. Install straw wattles as shown on the erosion control plan.
2. Install EnviroBerm porous sediment control as shown on the erosion control plan.
3. Stabilize denuded areas within 14 days of last clearing activity in that area.
4. Remove accumulated sediment from berms and other sediment control devices.
5. When all clearing activity is complete and the site is stabilized, aerial seed all disturbed and burned areas.

Temporary Stabilization:

The existing terrain of the site is gently rolling hills of up to 20% slopes. All stockpiled material and areas where clearing is halted for a duration of 21 days or more shall be stabilized with temporary seed and or mulch no later than 14 days from the last clearing activity. These slopes will be stabilized and aerial seeded towards the end of the site work.

Permanent Stabilization

All disturbed portions of the site where clearing activities have halted permanently shall be stabilized and permanently seeded no later than 14 days after the clearing activities have halted. This shall be accomplished with aerial seeding of the site.

Structural Practices

Straw wattles placed along contours at intervals of 20 to 40 feet, depending on drainage patterns and slope, will act as sedimentation barriers. EnviroBerm porous sediment control barriers will be placed within drainage channels and remaining vegetation in drainage swales will act as siltation areas.

Storm Water Management

The straw wattles, EnviroBerms and other sedimentation barrier devices will be left in place until disturbed or burned areas have been stabilized with established vegetation. At such time will be no significant threat of erosion or sedimentation entering the Huer Huero Creek.

OTHER CONTROLS

Waste Disposal

All brush and other vegetation waste materials will be stockpiled on site. No construction waste materials will be buried on site. All personnel will be instructed regarding the correct procedure for waste disposal. The individual managing the day-to-day site operations will be responsible for seeing that these procedures are followed.

Waste Materials

All hazardous waste materials will be disposed of in the manner specified by local or State regulation or by the manufacturer. Site superintendent responsible for the day-to-day site operations will instruct site personnel in these practices, and he will be responsible for seeing that these practices are followed.

Hazardous Waste

All hazardous waste will be collected as necessary by a licensed hazardous waste management contractor, as required by local regulation.

Sanitary Waste

All sanitary waste will be collected from the portable units as necessary by a licensed sanitary waste management contractor, as required by local regulation.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

This Storm Water Pollution Prevention Plan reflects requirements for storm water management and erosion and sediment control as established by the State Water Resources Control Board. To ensure compliance, this plan was prepared in accordance with the requirements of the Regional Water Quality Control Board. There are no other applicable State or Federal requirements for sediment and erosion site plans (or permits), or storm water management site plans (or permits).

MAINTENANCE & INSPECTION PROCEDURES

Erosion and Sediment Control Inspection and Maintenance Practices

The following are the inspection and maintenance practices that will be used to maintain erosion and sediment controls:

- All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater.
- All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report.
- Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
- A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached.
- The site superintendent will select up to three individuals who will be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report.
- Personnel selected for inspection and maintenance responsibilities will receive training from the site superintendent. They will be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used on site in good working order.

Non-Storm Water Discharges

It is expected that the following non-storm water discharges will occur from the site during the construction period:

- Water from water line flushing.
- Uncontaminated groundwater (from de-watering excavation).

All non-storm water discharges will be desilted prior to discharge.

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present on site during construction:

- | | |
|--|---|
| <input type="checkbox"/> Fertilizers | <input type="checkbox"/> Wood |
| <input type="checkbox"/> Detergents | <input type="checkbox"/> Petroleum Based Products |
| <input type="checkbox"/> Cleaning Solvents | <input type="checkbox"/> Tar |

SPILL PREVENTION

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff. In the event of a serious spill the State Office of Emergency Services (OES) should be contacted @ 800-852-7550.

MATERIAL MANAGEMENT PRACTICES

Good Housekeeping:

The following good housekeeping practices will be followed on site during the construction project:

- An effort will be made to store only enough product required to do the job.
- All materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
- Products will be kept in their original containers with the original manufacturer's label.
- Substances will not be mixed with one another unless recommended by the manufacturer.
- Whenever possible, all of a product will be used up before disposing of the container.
- Manufacturers' recommendations for proper use and disposal will be followed.
- The site superintendent will inspect daily to ensure proper use and disposal of materials on site.

Hazardous Products

These practices are used to reduce the risks associated with hazardous materials:

- Products will be kept in original containers unless they are not resealable.
- Original labels and material safety data will be retained; they contain important product information.

- If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed.

PRODUCT SPECIFIC PRACTICES

The following product specific practices will be followed on site:

Petroleum Products

All on-site vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers, which are clearly labeled. Any asphalt substances used on site will be applied according to the manufacturer's recommendations.

Fueling of Vehicles and Equipment

Vehicles and equipment shall be fueled in a designated area with adequate environmental protection such as fuel containment pond, diapers etc. This area shall not be within 200 feet of a watercourse.

Fertilizers

Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

SPILL CONTROL PRACTICES

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

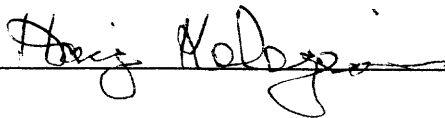
- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area on site.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size.
- The site superintendent responsible for the day-to-day site operations will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The

names of responsible spill personnel will be posted in the material storage area and in the office trailer on site.

POLLUTION PREVENTION PLAN CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


Haig Kelegian

By: 

Date: 10-22-02

PREPARED BY:

eda design professionals

By: 
Jeffrey J. Emrick

Date: 10-22-02

CONTRACTOR'S CERTIFICATION

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with activity from the construction site identified as part of this certification.

Signature

For

Responsible for

Date: _____

Date: _____

Date: _____

INSPECTION AND MAINTENANCE REPORT FORM

TO BE COMPLETED EVERY 7 DAYS AND WITHIN 24 HOURS OF
A RAINFALL EVENT OF 0.5 INCHES OR MORE

INSPECTOR: _____ DATE: _____

INSPECTOR'S QUALIFICATIONS:

DAYS SINCE LAST RAINFALL: _____
AMOUNT OF LAST RAINFALL: _____ INCHES

CONDITION STABILIZATION MEASURES

| AREA | DATE SINCE LAST DISTURBED | DATE DISTURBED NEXT | STABILIZED? (YES/NO) | STABILIZED WITH | CONDITION |
|------|---------------------------------|---------------------------|-------------------------|--------------------|-----------|
| | | | | | |
| | | | | | |
| | | | | | |

STABILIZATION REQUIRED:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

STRUCTURAL CONTROLS

DATE: _____

STRAW WATTLES/BERMS

| FROM LOCATION | TO LOCATION | IS BERM STABILIZED? | IS THERE EVIDENCE OF WASHOUT OR OVERTOPPING? |
|---------------|-------------|---------------------|--|
| | | | |
| | | | |
| | | | |

MAINTENANCE REQUIRED FOR STRAW WATTLES/BERMS:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

OTHER CONTROLS

ENVIROBERMS

| DEPTH OF SEDIMENT IN CHANNEL | CONDITION OF ENVIROBERMS | ANY EVIDENCE OF UNDERWASHING? | CONDITION OF OUTFALL FROM SEDIMENT CONTROL |
|------------------------------|--------------------------|-------------------------------|--|
| | | | |
| | | | |
| | | | |

MAINTENANCE REQUIRED FOR ENVIROBERMS:

TO BE PERFORMED BY: _____

ON OR BEFORE: _____

INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

REASONS FOR CHANGES:

I certify under penalty of law that this document and all attachments were prepared under my direction of supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE: _____

DATE: _____