

GOLDIE LANE PROPERTY
SANTA MARGARITA, CA
STORM WATER POLLUTION PREVENTION PLAN
AND MONITORING REPORT

OCTOBER 21, 2002

Revised February 7, 2003

GOLDIE LANE PROPERTY

STORM WATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

Project Name and Location (Latitude, Longitude or Address)

Section 36, Township 28 South, Range 14 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

David Pierson
P.O. Box 1833
Rancho Santa Fe, CA 92067

Description (Purpose and Types of Soil Disturbing Activities)

This project consists of the clearing and grubbing of approximately 39 acres of chemise and chaparral-covered hillsides for eventual planting of olive trees and grasses. It also includes aerial seeding of approximately 60 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 39 acres. The entire property is currently vacant rural land. The site is generally hilly, with slopes in excess of 30%.

Sequence of Major Activities

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

1. Hand seed and spread straw on areas where germination has not occurred.
2. Regrade existing access roads to a 2% slope towards the cut slope to prevent drainage from going over fill side of road.
3. Install straw wattle chevrons at access road flow line at sufficient intervals to prevent silt migration.
4. Remove silt fencing in blue line stream near convergence with Huer Huero creek.

5. Remove accumulated sediment from berms and other sediment control devices.

Name of Receiving Waters

Onsite storm runoff drains into the Huer Huero Creek.

CONTROLS

EROSION AND SEDIMENT CONTROLS

1. Hand seeding and spreading of straw.
2. Regrading existing access roads.
3. Installation of straw wattles.

Temporary Stabilization:

The existing terrain of the site is very steep with slopes in excess of 30%. 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

Hand dug swales along contours at intervals of 20 to 40 feet, depending on drainage patterns and slope, will act as sedimentation barriers. Straw wattle chevrons will be placed along the interface of brushed and burned areas. Silt fencing and hay bales will be placed within drainage channels and remaining vegetation in drainage swales will act as siltation areas.

Storm Water Management

The straw wattles, silt fencing, hay bales 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 waste material (vegetation) will be allowed to decompose on site.

Hazardous Waste

There is no hazardous waste on site.

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

The 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 every two weeks 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

There will be no non-storm water discharges from the site.

INVENTORY FOR POLLUTION PREVENTION PLAN

No non-biodegradable materials or substances are on the project site.

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 clearing 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.
The site superintendent will inspect daily to ensure proper use and disposal of materials on site.

Hazardous Products

There are no hazardous products on site.

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.

Fueling of Vehicles and Equipment

Vehicles and equipment shall be fueled off site at a commercial fueling station.

Fertilizers

Fertilizers will not be used on the project site.

SPILL CONTROL PRACTICES

No liquids (hazardous or otherwise) will be permitted on the project 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.

David Pierson

By: _____

Date: _____

PREPARED BY:

eda design professionals

By: _____

Jeffrey J. Emrick, P.E.

Date: _____

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: _____

CHEVRONS

| DEPTH OF SEDIMENT IN CHEVRONS | CONDITION OF SIDE SLOPES | ANY EVIDENCE OF OVERTOPPING? | CONDITION OF OUTFALL FROM SEDIMENT CONTROL |
|-------------------------------------|-----------------------------|---------------------------------|---|
| | | | |
| | | | |
| | | | |

MAINTENANCE REQUIRED FOR CHEVRONS:

TO BE PERFORMED BY: _____

ON OR BEFORE: _____

OTHER CONTROLS

SILT FENCING AND HAYBALES

| 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: _____