# LIMITED AGRICULTURAL RESIDUE SURVEY
# VALENCIA ESTATES, SOUTH END OF MALAGA STREET
# CORONA, RIVERSIDE COUNTY, CALIFORNIA 92882

FOR

MR. MANUEL VALENCIA
1253 ENTERPRISE ROAD
CORONA, CALIFORNIA 92882

W.O. E5166.1-SC MAY 25, 2006

GeoSoils, Inc.

Geotechnical • Coastal • Geologic • Environmental

26590 Madison Avenue • Murrieta, California 92562 • (951) 677-9651 • FAX (951) 677-9301

May 25, 2006

W.O. E5166.1-SC

**Mr. Manuel Valencia**
1253 Enterprise Road
Corona, California 92882

Subject: Limited Agricultural Residue Survey, Valencia Estates, South End of Malaga Street, Corona, Riverside County, California 92882

Dear Mr. Valencia:

In accordance with your request and authorization, GeoSoils, Inc. (GSI) is providing the results of our Limited Agricultural Survey on the subject property, in Corona, Riverside County, California. As recommended in our Phase I Environmental Site Assessment (ESA) (GSI, 2006 [see Appendix A]), this Limited Agricultural Residue Survey consisted of soil sampling for analysis of pesticides and herbicides on the subject property, to evaluate the presence of restricted agricultural residue contamination on the property. Laboratory test results are provided in Appendix B. Unless specifically superceded herein, the conclusions and recommendations contained in GSI's previous report (GSI, 2006) remain pertinent and applicable, and should be appropriately implemented. The land use history of the subject property has been provided in detail in the previous ESA (GSI, 2006); therefore, only a brief description is provided in the summary below.

## SUMMARY

Unless specifically superceded herein, the conclusions and recommendations contained in the previous reports (see Appendix A) remain pertinent and applicable, and should be appropriately implemented. Based upon the information obtained during the course of this study, as well as information provided in the referenced texts, GSI presents the following summary of findings, conclusions, and recommendations:

- Based upon our knowledge of the site, as well as review of readily available historical maps and photographs, portions of the property were utilized for agriculture (orchards) from at least 1938 until the present. During this period, "restricted" (i.e., permitted) agricultural chemicals may have been utilized on commercial crops, as was throughout California.

- To further evaluate the potential for restricted agricultural chemical residues, surficial soil samples were collected on May 2, 2006 (date on Chain-of-Custody is

typographically incorrect) from depths of approximately ½ foot to 1 foot from 12 locations within the former agricultural areas of the subject property. Sample locations are presented on Plate 1. Sampling of earth materials within the subject parcels consisted of a total of 12 samples collected from random locations, based upon the former location of agricultural activity, evaluated from a review of historical aerial photographs of the site. Soil samples collected were analyzed for Chlorinated Pesticides (EPA Test Method 8081), Organophosphorous Pesticides (EPA Test Method 8141), and Chlorinated Herbicides (EPA Test Method 8151).

- There were no concentrations of analytes/compounds reported greater than the detection limits for Chlorinated Pesticides (EPA Test Method 8081), Organophosphorous Pesticides (EPA Test Method 8141) and Chlorinated Herbicides (EPA Test Method 8151).

- The regulatory action levels for hazardous waste criteria (Total Threshold Limit Concentration [TTLC]), the Preliminary Remediation Goals (PRGs) for chemical residues (detected and non-detected onsite), and the chemical laboratory detection limits were compared. In summary, detection limits utilized by the testing laboratory were below TTLC and PRG levels for all constituents. It appears, therefore, that detection limits utilized by the laboratory are suitable for agricultural-use chemicals.

- Other than the recommendations discussed in our previous report (GSI, 2006), this assessment has revealed no evidence of recognized environmental conditions in connection with the property.

Based upon the limited scope of work completed, GSI concludes that it is not likely that concentrations of pesticides/herbicides in earth materials on the subject property exist that might represent a risk to human health, if they exist at all. Based upon the information obtained during the course of the limited assessment, GSI presents the following recommendations:

- Based upon recent chemical testing of near-surface soils onsite, detectable concentrations of restricted agricultural chemical residues probably do not exist within the subject site. Based on these results and upon our knowledge of the subject property from our previous environmental site assessment of the property (GSI, 2006), further pesticide/herbicide sampling and analysis is not considered warranted at this time.

- Owing to the site's historic agricultural use, it is possible that buried/concealed/hidden tanks and agricultural by-products, both below and above ground may have existed or exist, and may not be apparent at the time of our site visits. Accordingly, this should be considered during project feasibility planning and construction.

- All trash, debris, and waste materials should be disposed of offsite, in accordance with current local, state, and federal disposal regulations. Any materials containing petroleum or other residues encountered during property improvements (especially in the location of the possible former above ground storage tank) should be evaluated prior to removal and disposal, following proper procedures. Any buried trash/debris encountered should be evaluated by an experienced environmental consultant prior to removal.

- Based upon the age of the structure, a septic system may exist. Although not considered a hazardous waste, any buried septic systems should be properly removed or abandoned following health department guidelines.

- Based upon the potential for older structures to contain lead-based paint and asbestos containing materials, GSI recommends that an asbestos and lead survey should be performed by a licensed asbestos and lead contractor prior to any demolition, removal and disposal.

- Based upon the information collected by GSI during this environmental site assessment, further studies or action, other than the above, are not proposed from an environmental viewpoint at this time.

## Limitations and Exceptions

This study does not include any of the following:

- Geotechnical evaluation of the subject property;

- Groundwater sampling and analyses; and,

- Consideration of possible future contamination of the subject property from adjacent or surrounding facilities or properties.

## Terms and Conditions

This report is intended for the use of the Client (Mr. Manuel Valencia). The contents should not be relied upon by any party other than the aforementioned without the express written consent of GSI. Exceptions to this include the Riverside County, Department of Environmental Health - Site Assessment Division (who may provide voluntary review in the future).

This report does not consider possible future contamination of the subject property from adjacent or surrounding facilities or properties. All judgments concerning adjoining properties apply only to conditions observed during the time of the on-site reconnaissance.

## LIMITATIONS

GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those provided in historical documents reviewed by GSI. The interpretations and recommendations of GSI are based solely on such information and/or information supplied by Client. Findings of this assessment based on data provided by others carries no warranty, express or implied, as a result of the usage of such data.

It is possible that future assessments may reveal additional data or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context.

If you have any questions pertaining to this report or we may be of further service, please do not hesitate to contact this office. We appreciate the opportunity to be of service to you.

Respectfully submitted,

**GeoSoils, Inc.**

Donna Gooley
Director of Environmental Services
REA-1 6400, CEG 2336

John P. Franklin
Registered Environmental Assessor
REA-1675, CEG 1340

DG/JPF/jk

Attachments: Appendix A - References
Appendix B - Laboratory Data
Plate 1 - Pesticide Soil Sample Location Map

Distribution: (4) Addressee

# APPENDIX A

# REFERENCES

## APPENDIX A

## REFERENCES

GeoSoils, Inc., 2006, Phase I environmental site assessment, Valencia Estates, South end of Malaga Street, Corona, Riverside County, California 92882, W.O. E5166-SC, dated May 15.

State of California Environmental Protection Agency, 1992, Supplemental guidance for human health multimedia risk assessments of hazardous waste sites and permitted facilities, Chapter 8, 'DDT in Soil' guidance for the assessment of health risk to humans, dated July.

Stanford J. Smucker, 2002, United States Environmental Protection Agency (USEPA), Region IX, Region 9 preliminary remediation goals (PRGs) Table 2002 update, dated November 1.

# APPENDIX B

# LABORATORY DATA

Calscience
Environmental
Laboratories, Inc.

May 17, 2006

Donna Gooley
GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Subject: **Calscience Work Order No.: 06-05-0251**
**Client Reference: Valencia E5166-SC**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/3/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

S. Lane

Calscience Environmental
Laboratories, Inc.
Steven L. Lane
Laboratory Director

Calscience Environmental Laboratories, Inc.

# Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-1@6" | 06-05-0251-1 | 04/03/06 | Solid | 05/10/06 | 05/16/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 31 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-2@1' | 06-05-0251-2 | 04/03/06 | Solid | 05/10/06 | 05/16/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 66 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-3@6" | 06-05-0251-3 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 84 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-4@1' | 06-05-0251-4 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 103 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-5@6" | 06-05-0251-5 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 31 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-6@1' | 06-05-0251-6 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 30 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-7@6" | 06-05-0251-7 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 92 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-8@1' | 06-05-0251-8 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 41 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | | | |
|---|---|---|---|
| GeoSoils, Inc. | | Date Received: | 05/03/06 |
| 5741 Palmer Way | | Work Order No: | 06-05-0251 |
| Carlsbad, CA 92010-7248 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8141A |
| | | Units: | mg/kg |
| Project: Valencia E5166-SC | | | Page 5 of 7 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-9@6" | 06-05-0251-9 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 65 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-10@1' | 06-05-0251-10 | 04/03/06 | Solid | 05/10/06 | 05/15/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 79 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | | | |
|---|---|---|---|
| GeoSoils, Inc. | | Date Received: | 05/03/06 |
| 5741 Palmer Way | | Work Order No: | 06-05-0251 |
| Carlsbad, CA 92010-7248 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8141A |
| | | Units: | mg/kg |
| Project: Valencia E5166-SC | | | Page 6 of 7 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-11@6" | 06-05-0251-11 | 04/03/06 | Solid | 05/10/06 | 05/16/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 82 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-12@1' | 06-05-0251-12 | 04/03/06 | Solid | 05/10/06 | 05/16/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 66 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

# Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8141A
Units: mg/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| **Method Blank** | 095-01-017-281 | N/A | Solid | 05/10/06 | 05/12/06 | 060510L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Disulfoton | ND | 0.50 | 1 | | Mevinphos | ND | 0.50 | 1 | |
| Demeton-o | ND | 0.50 | 1 | | Naled | ND | 4.0 | 1 | |
| Demeton-s | ND | 0.50 | 1 | | Phorate | ND | 0.50 | 1 | |
| Stirophos | ND | 0.50 | 1 | | Ronnel | ND | 0.50 | 1 | |
| Fensulfothion | ND | 0.50 | 1 | | Fenthion | ND | 0.50 | 1 | |
| Bolstar | ND | 0.50 | 1 | | Chlorpyrifos | ND | 0.50 | 1 | |
| Diazinon | ND | 0.50 | 1 | | Trichloronate | ND | 0.50 | 1 | |
| Dichlorvos | ND | 0.50 | 1 | | Tokuthion | ND | 0.50 | 1 | |
| Ethoprop | ND | 0.50 | 1 | | Azinphos Methyl | ND | 0.50 | 1 | |
| Merphos | ND | 0.50 | 1 | | Coumaphos | ND | 0.50 | 1 | |
| Methyl Parathion | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,3-Dimethyl-2-Nitrobenzene | 115 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | | |
|---|---|---|---|
| GeoSoils, Inc. | | Date Received: | 05/03/06 |
| 5741 Palmer Way | | Work Order No: | 06-05-0251 |
| Carlsbad, CA 92010-7248 | | Preparation: | EPA 8151A |
| | | Method: | EPA 8151A |
| | | Units: | ug/kg |
| Project: Valencia E5166-SC | | | Page 1 of 4 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-1@6" | 06-05-0251-1 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 100 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-2@1' | 06-05-0251-2 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 111 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-3@6" | 06-05-0251-3 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 100 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-4@1' | 06-05-0251-4 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 98 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | |
|---|---|
| GeoSoils, Inc. | Date Received: 05/03/06 |
| 5741 Palmer Way | Work Order No: 06-05-0251 |
| Carlsbad, CA 92010-7248 | Preparation: EPA 8151A |
| | Method: EPA 8151A |
| | Units: ug/kg |
| Project: Valencia E5166-SC | Page 2 of 4 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-5@6" | 06-05-0251-5 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 99 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-6@1' | 06-05-0251-6 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 125 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-7@6" | 06-05-0251-7 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 109 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-8@1' | 06-05-0251-8 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 108 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

# Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 8151A
Method: EPA 8151A
Units: ug/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-9@6" | 06-05-0251-9 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 97 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-10@1' | 06-05-0251-10 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 101 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-11@6" | 06-05-0251-11 | 04/03/06 | Solid | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 104 | 30-130 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-12@1' | 06-05-0251-12 | 04/03/06 | Solid | 05/10/06 | 05/12/06 | 060510L15 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 70 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

# Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 8151A
Method: EPA 8151A
Units: ug/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| **Method Blank** | **095-01-033-521** | **N/A** | **Solid** | **05/10/06** | **05/11/06** | **060510L15** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Dalapon | ND | 250 | 1 | | 2,4-D | ND | 100 | 1 | |
| Dicamba | ND | 10 | 1 | | 2,4,5-TP (Silvex) | ND | 10 | 1 | |
| MCPP | ND | 10000 | 1 | | 2,4,5-T | ND | 10 | 1 | |
| MCPA | ND | 10000 | 1 | | 2,4-DB | ND | 100 | 1 | |
| Dichlorprop | ND | 100 | 1 | | Dinoseb | ND | 50 | 1 | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 2,4-Dichlorophenylacetic acid | 112 | 30-130 | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

# Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-1@6" | 06-05-0251-1 | 04/03/06 | Solid | 05/04/06 | 05/09/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 64 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 67 | 50-130 | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-2@1' | 06-05-0251-2 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 82 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 83 | 50-130 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | |
|---|---|
| GeoSoils, Inc. | Date Received: 05/03/06 |
| 5741 Palmer Way | Work Order No: 06-05-0251 |
| Carlsbad, CA 92010-7248 | Preparation: EPA 3545 |
| | Method: EPA 8081A |
| | Units: ug/kg |
| Project: Valencia E5166-SC | Page 2 of 7 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-3@6" | 06-05-0251-3 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 76 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 80 | 50-130 | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-4@1' | 06-05-0251-4 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 83 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 82 | 50-130 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | |
|---|---|
| GeoSoils, Inc. | Date Received: 05/03/06 |
| 5741 Palmer Way | Work Order No: 06-05-0251 |
| Carlsbad, CA 92010-7248 | Preparation: EPA 3545 |
| | Method: EPA 8081A |
| | Units: ug/kg |
| Project: Valencia E5166-SC | Page 3 of 7 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-5@6" | 06-05-0251-5 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 86 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 85 | 50-130 | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-6@1' | 06-05-0251-6 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 75 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 78 | 50-130 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | | | |
|---|---|---|---|
| GeoSoils, Inc. | | Date Received: | 05/03/06 |
| 5741 Palmer Way | | Work Order No: | 06-05-0251 |
| Carlsbad, CA 92010-7248 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8081A |
| | | Units: | ug/kg |
| Project: Valencia E5166-SC | | | Page 4 of 7 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-7@6" | 06-05-0251-7 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 76 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 79 | 50-130 | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-8@1' | 06-05-0251-8 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 79 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 84 | 50-130 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | |
|---|---|
| GeoSoils, Inc. | Date Received: 05/03/06 |
| 5741 Palmer Way | Work Order No: 06-05-0251 |
| Carlsbad, CA 92010-7248 | Preparation: EPA 3545 |
| | Method: EPA 8081A |
| | Units: ug/kg |
| Project: Valencia E5166-SC | Page 5 of 7 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-9@6" | 06-05-0251-9 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 69 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 73 | 50-130 | | |

| S-10@1' | 06-05-0251-10 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |
|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 79 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 80 | 50-130 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

| | | | |
|---|---|---|---|
| GeoSoils, Inc. | | Date Received: | 05/03/06 |
| 5741 Palmer Way | | Work Order No: | 06-05-0251 |
| Carlsbad, CA 92010-7248 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8081A |
| | | Units: | ug/kg |
| Project: Valencia E5166-SC | | | Page 6 of 7 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-11@6" | 06-05-0251-11 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 83 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 83 | 50-130 | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| S-12@1' | 06-05-0251-12 | 04/03/06 | Solid | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 81 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 79 | 50-130 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Valencia E5166-SC



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|
| **Method Blank** | **099-07-011-753** | **N/A** | **Solid** | **05/04/06** | **05/08/06** | **060504L10** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Alpha-BHC | ND | 5.0 | 1 | | Endrin | ND | 5.0 | 1 | |
| Gamma-BHC | ND | 5.0 | 1 | | Endrin Aldehyde | ND | 5.0 | 1 | |
| Beta-BHC | ND | 5.0 | 1 | | 4,4'-DDD | ND | 5.0 | 1 | |
| Heptachlor | ND | 5.0 | 1 | | Endosulfan II | ND | 5.0 | 1 | |
| Delta-BHC | ND | 5.0 | 1 | | 4,4'-DDT | ND | 5.0 | 1 | |
| Aldrin | ND | 5.0 | 1 | | Endosulfan Sulfate | ND | 5.0 | 1 | |
| Heptachlor Epoxide | ND | 5.0 | 1 | | Methoxychlor | ND | 5.0 | 1 | |
| Endosulfan I | ND | 5.0 | 1 | | Chlordane | ND | 50 | 1 | |
| Dieldrin | ND | 5.0 | 1 | | Toxaphene | ND | 100 | 1 | |
| 4,4'-DDE | ND | 5.0 | 1 | | Endrin Ketone | ND | 5.0 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Decachlorobiphenyl | 96 | 50-130 | | | 2,4,5,6-Tetrachloro-m-Xylene | 97 | 50-130 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | |
|---|---|---|
| GeoSoils, Inc. | Date Received: | 05/03/06 |
| 5741 Palmer Way | Work Order No: | 06-05-0251 |
| Carlsbad, CA 92010-7248 | Preparation: | EPA 3545 |
| | Method: | EPA 8141A |

Project Valencia E5166-SC

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| S-2@1' | Solid | GC 26 | 05/10/06 | 05/12/06 | 060510S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Fensulfothion | 89 | 79 | 30-130 | 11 | 0-30 | |
| Ethoprop | 86 | 77 | 30-130 | 11 | 0-30 | |
| Phorate | 89 | 80 | 30-130 | 11 | 0-30 | |
| Ronnel | 80 | 70 | 30-130 | 13 | 0-30 | |
| Trichloronate | 87 | 76 | 30-130 | 13 | 0-30 | |
| Tokuthion | 85 | 75 | 30-130 | 12 | 0-30 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 8151A
Method: EPA 8151A

Project Valencia E5166-SC

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 06-05-0268-4 | Solid | GC 17 | 05/10/06 | 05/12/06 | 060510S15 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,4-D | 89 | 88 | 30-130 | 1 | 0-30 | |
| 2,4,5-T | 92 | 94 | 30-130 | 2 | 0-30 | |
| 2,4-DB | 90 | 87 | 30-130 | 4 | 0-30 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH NELAC

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 05/03/06
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8081A

Project Valencia E5166-SC

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| S-4@1' | Solid | GC 16 | 05/04/06 | 05/08/06 | 060504S10 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Gamma-BHC | 74 | 68 | 50-135 | 9 | 0-25 | |
| Heptachlor | 70 | 60 | 50-135 | 15 | 0-25 | |
| Endosulfan I | 69 | 58 | 50-135 | 18 | 0-25 | |
| Dieldrin | 64 | 54 | 50-135 | 17 | 0-25 | |
| Endrin | 72 | 62 | 50-135 | 15 | 0-25 | |
| 4,4'-DDT | 75 | 54 | 50-135 | 32 | 0-25 | 4 |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8141A

Project: Valencia E5166-SC

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 095-01-017-281 | Solid | GC 26 | 05/10/06 | 05/12/06 | 060510L02 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Fensulfothion | 113 | 110 | 30-130 | 3 | 0-30 | |
| Ethoprop | 115 | 112 | 30-130 | 3 | 0-30 | |
| Phorate | 120 | 116 | 30-130 | 3 | 0-30 | |
| Ronnel | 106 | 103 | 30-130 | 3 | 0-30 | |
| Trichloronate | 110 | 107 | 30-130 | 3 | 0-30 | |
| Tokuthion | 105 | 101 | 30-130 | 4 | 0-30 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 06-05-0251
Preparation: EPA 8151A
Method: EPA 8151A

Project: Valencia E5166-SC

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 095-01-033-521 | Solid | GC 17 | 05/10/06 | 05/11/06 | 060510L15 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,4-D | 80 | 95 | 30-130 | 17 | 0-30 | |
| 2,4,5-T | 86 | 99 | 30-130 | 14 | 0-30 | |
| 2,4-DB | 90 | 101 | 30-130 | 12 | 0-30 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 06-05-0251
Preparation: EPA 3545
Method: EPA 8081A

Project: Valencia E5166-SC

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-07-011-753 | Solid | GC 16 | 05/04/06 | 05/08/06 | 060504L10 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Gamma-BHC | 73 | 75 | 50-135 | 3 | 0-25 | |
| Heptachlor | 70 | 72 | 50-135 | 3 | 0-25 | |
| Endosulfan I | 71 | 73 | 50-135 | 3 | 0-25 | |
| Dieldrin | 71 | 74 | 50-135 | 4 | 0-25 | |
| Endrin | 67 | 67 | 50-135 | 0 | 0-25 | |
| 4,4'-DDT | 72 | 73 | 50-135 | 1 | 0-25 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Glossary of Terms and Qualifiers

Work Order Number: 06-05-0251

| Qualifier | Definition |
|---|---|
| * | See applicable analysis comment. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification. |
| 4 | The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification. |
| 5 | The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required. |
| A | Result is the average of all dilutions, as defined by the method. |
| B | Analyte was present in the associated method blank. |
| C | Analyte presence was not confirmed on primary column. |
| E | Concentration exceeds the calibration range. |
| H | Sample received and/or analyzed past the recommended holding time. |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| N | Nontarget Analyte. |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| U | Undetected at the laboratory method detection limit. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

**CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.**
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

# CHAIN OF CUSTODY RECORD

Date 4-4-06

Page 1 of 2

W.O. E5166.1-SC

LABORATORY CLIENT: Geosoils
ADDRESS: 5741 Palmer Way
CITY: Carlsbad STATE: ZIP: 92010
TEL: 7604383155 FAX: 7609310915 E-MAIL: dgooley@geosoilsinc.com
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐
SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: Valencia E5166-SC
PROJECT CONTACT: Donna Gooley
SAMPLER(S): (SIGNATURE) Donna Gooley
COELT LOG CODE: ☐☐☐☐
P.O. NO.:
LAB USE ONLY 05-0251
COOLER RECEIPT TEMP = °C

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or | BTEX / MTBE (8260B) or | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) | 8141 A | 8151 A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S-1 @ 6" | | 4-3-06 | | Soil | 1 | | | | | | | | X | | | | | | X | X |
| 2 | S-2 @ 1' | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 3 | S-3 @ 6" | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 4 | S-4 @ 1' | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 5 | S-5 @ 6" | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 6 | S-6 @ 1' | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 7 | S-7 @ 6" | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 8 | S-8 @ 1' | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 9 | S-9 @ 6" | | | | | 1 | | | | | | | | X | | | | | | X | X |
| 10 | S-10 @ 1' | | | | | 1 | | | | | | | | X | | | | | | X | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) Donna Gooley | Received by: (Signature) CEL | Date: 5/3/6 | Time: 1400 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| Relinquished by: (Signature) | Received for Laboratory by: (Signature) | Date: 5/3/6 | Time: 1610 |

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Plate B-27

Q&Q Graphic 714-898-9702

**CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.**
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

# CHAIN OF CUSTODY RECORD

Date 4-4-06

Page 2 of 2

W.O. E5166.1-SC

LABORATORY CLIENT: GeoSoils
ADDRESS: 5741 Palmer Way
CITY: Carlsbad STATE: ZIP: 92010
TEL: 7609310915 FAX: 7604383155 E-MAIL: dgooley@geosoilsinc.com
SAMPLER(S): (SIGNATURE) Donna Gooley

CLIENT PROJECT NAME / NUMBER: Valencia E5166-SC
PROJECT CONTACT: Donna Gooley
P.O. NO.:
LAB USE ONLY 05-0251
GOELT LOG CODE
COOLER RECEIPT TEMP = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING FORMS ☐ GOELT EDF ☐

SPECIAL INSTRUCTIONS:

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR GOELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or | BTEX / MTBE (8260B) or | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) | 8141A | 8151A | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | S-11@6" | | 4-3-06 | | Soil | 1 | | | | | | | | X | | | | | | X | X | | | |
| 12 | S-12@1' | | " | | " | 1 | | | | | | | | X | | | | | | X | X | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | |
|---|---|---|---|
| Relinquished by: (Signature) Donna Gooley | Received by: (Signature) CEL | Date: 5/3/6 | Time: 1400 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| Relinquished by: (Signature) | Received for Laboratory by: (Signature) CEL | Date: 5/3/6 | Time: 1610 |

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision

Plate B-28

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 05 - 0251

Cooler 1 of 1

# SAMPLE RECEIPT FORM

CLIENT: Geosyntec DATE: 5/3/6

## TEMPERATURE – SAMPLES RECEIVED BY:

**CALSCIENCE COURIER:**

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

3.6 °C Temperature blank.

**LABORATORY (Other than Calscience Courier):**

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: [signature]

## CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: [signature]

## SAMPLE CONDITION:

| | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody document(s) received with samples | ✓ | | |
| Sampler's name indicated on COC | ✓ | | |
| Sample container label(s) consistent with custody papers | ✓ | | |
| Sample container(s) intact and good condition | ✓ | | |
| Correct containers and volume for analyses requested | | | ✓ |
| Proper preservation noted on sample label(s) | | | ✓ |
| VOA vial(s) free of headspace. | | | ✓ |
| Tedlar bag(s) free of condensation | | | ✓ |

Initial: [signature]

## COMMENTS:

DPR 06-010

# TENTATIVE TRACT MAP 34760

GeoSoils, Inc. — RIVERSIDE CO. ORANGE CO. SAN DIEGO CO.

**PESTICIDE SOIL SAMPLE LOCATION MAP**

Plate 1

W.O. ES166.1-SC DATE 05/06 SCALE 1"=100'

## ASSESSOR'S PARCEL NO.

114-040-019,114-040-020, 275-100-003, AND 275-100-004

## LEGAL DESCRIPTION:

PARCEL 1 OF PARCEL MAP 28201, AS SHOWN BY MAP RECORDED IN BOOK 183, PAGES 40-43, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, TOGETHER WITH A PORTION OF PARCEL 1 OF PARCEL MAP 28154, AS SHOWN BY MAP RECORDED IN BOOK 180, PAGES 27-33, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, ALSO TOGETHER WITH A PORTION OF GOVERNMENT LOT 5, A PART OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 7 WEST, SAN BERNARDINO BASE AND MERIDIAN.

## ZONING:

EXISTING:
CITY OF CORONA: (59.9 ACRES)
HILLSIDE DEVELOPMENT OVERLAY ZONE (CMC SECTION 17.62.110) – MOUNTAIN GATE SPECIFIC PLAN (SP-89-01)
MINIMUM LOT AREA IS ONE-ACRE (43,560 S.F.)
COUNTY OF RIVERSIDE: (25.5 ACRES)
RURAL RESIDENTIAL (R-R) MINIMUM LOT AREA IS ONE-HALF ACRE (21,000 S.F.)
PROPOSED:
ANNEX INTO CITY OF CORONA
HILLSIDE DEVELOPMENT OVERLAY ZONE (SP-89-01)

## SURROUNDING ZONING:

NORTH: (OS) ESTATE RESIDENTIAL
SOUTH: CLEVELAND NATIONAL FOREST
EAST: (OS) ESTATE RESIDENTIAL
WEST: (OS) OPEN SPACE

## SPECIFIC PLAN:

SP – 89-1
MOUNTAIN GATE SPECIFIC PLAN

## GENERAL PLAN:

(E) ESTATE (1-3 DU/AC)

## SURROUNDING GEN. PLAN:

NORTH: (E) ESTATE
SOUTH: CLEVELAND NATIONAL FOREST
EAST: (E) ESTATE
WEST: CITY OF CORONA: (LMDR) LOW-MEDIUM DENSITY RESIDENTIAL
COUNTY OF RIVERSIDE: (R-R) RURAL RESIDENTIAL

## LAND USE:

AVOCADO GROVES

## SURROUNDING LAND USE:

NORTH: SINGLE FAMILY RESIDENTIAL
SOUTH: CLEVELAND NATIONAL FOREST
EAST: VACANT
WEST: VACANT

## STREET LINEAR FOOTAGE:

| | |
|---|---|
| PROPOSED MALAGA STREET | 488 L.F. |
| PROPOSED MALAGA CIRCLE | 749 L.F. |
| PROPOSED "A" CIRCLE | 1,663 L.F. |
| PROPOSED "B" CIRCLE | 923 L.F. |
| TOTAL | 3,823 L.F. |

## LANDSCAPE AREA

| | |
|---|---|
| PROPOSED MALAGA STREET | 7,824 S.F. |
| PROPOSED MALAGA CIRCLE | 11,984 S.F. |
| PROPOSED "A" CIRCLE | 26,638 S.F. |
| PROPOSED "B" CIRCLE | 14,152 S.F. |
| TOTAL | 59,598 S.F. |

## PHASING:

PROJECT HAS ONE PHASE, ONE FINAL MAP.

## OWNER/DEVELOPER

RANCHO PASO DE VALENCIA
1253 ENTERPRISE COURT
CORONA, CA 92882
PH. (951) 279-4877
FAX (951) 279-4889
ATTN: MANUEL & JOSE VALENCIA

## ENGINEER

ARMSTRONG & BROOKS CONSULTING ENGINEERS
1530 CONSUMER CIRCLE, UNIT B
CORONA, CA 92880
PH. (951) 372-8400
FAX (951) 372-8430
ATTN: DENNIS ARMSTRONG

## VILLAGE NO. AND CFP AREA:

VILLAGE NUMBER – 3
COMMUNITY FACILITIES PLANNING AREA – (33)

## DWELLING UNITS

28 DU – 65.4 AC = 0.43 DU/AC

## TARGET DENSITY FACTOR:

EXISTING: (1.47 DU/ACRE) = ESTATE (0-3 DU/AC)
PROVIDED: (0.43 DU/ACRE) = 0.43 DU X 65.4 AC = 28 DU

## MAX. NO. OF LOTS:

ALLOWABLE: 1.47 DU/ACRE X 65.4 AC = 96 PARCELS
96.1 PARCELS X 70% = 67 PARCELS
65.4 AC X 70% = 45 PARCELS
PROVIDED: 28 PARCELS

## SITE ACREAGE

CITY OF CORONA = 39.9 ACRES
COUNTY OF RIVERSIDE = 25.5 ACRES
(ANNEX INTO CITY OF CORONA)
GROSS ACREAGE = 65.4 ACRES

## SLOPE ANALYSIS

| | | |
|---|---|---|
| 0-25% SLOPE | 799,416 S.F. | 39% |
| 25.1%-100% SLOPE | 2,056,743 S.F. | 72% |
| TOTAL | 2,847,161 S.F. | 100% |

## DISTURBED 25.1% AND GREATER SLOPE AREA

| | | |
|---|---|---|
| NATURAL STATE | 826,338 S.F. | 40.2% |
| DISTURBED SLOPE | 1,230,405 S.F. | 59.8% (70% MAX. OF ALLOWABLE DL |
| TOTAL | 2,056,743 S.F. | 100.0% |

## SERVICE PROVIDERS:

| | |
|---|---|
| CITY OF CORONA UTILITY SERVICES | (951) 736-2263 |
| CITY OF CORONA SEWER AND WATER | (951) 736-2321 |
| SOUTHERN CALIFORNIA GAS (DISTRIBUTION) | (800) 422-4133 |
| SOUTHERN CALIFORNIA ELECTRIC | (800) 447-4050 |
| PACIFIC BELL | (800) 422-4133 |
| AMERICAN TELEPHONE AND TELEGRAPH | (951) 351-7380 |
| CORONA PUBLIC WORKS DEPARTMENT | (951) 736-2261 |
| R.K. DICKSON STREET SWEEPING | (909) 941-7994 |
| WESTERN WASTE | (951) 737-0343 |
| CORONA SAN-A-RIDE (SUPERVISOR) | (951) 734-1017 |
| U.S. POSTAL SERVICE | (951) 737-0451 |
| CORONA-NORCO UNIFIED SCHOOL DISTRICT | (951) 736-5340 |
| SCHOOL DISTRICT TRANSPORTATION MANAGER | (951) 736-5355 |
| RIVERSIDE TRANSIT AGENCY | (951) 684-0850 |
| CORONA POLICE DEPARTMENT (FOR NOTIFICATION) | (951) 736-2330 |
| CORONA FIRE DEPARTMENT (FOR NOTIFICATION) | (951) 736-2221 |
| COUNTY EMBLEMSION | (951) 272-6680 |

## EASEMENT NOTES

A — AN EASEMENT IN FAVOR OF REINER J.K. MOSS AND THOMAS MOSS FOR INGRESS AND EGRESS AND INCIDENTAL PURPOSES, RECORDED JULY 5, 1940 IN BOOK 470, PAGE 103 OF OFFICIAL RECORDS; CANNOT BE LOCATED FROM THE RECORDS.

B — AN EASEMENT IN FAVOR OF LEONE M. REDDING FOR INGRESS AND EGRESS AND INCIDENTAL PURPOSES, RECORDED NOVEMBER 19, 1952 IN BOOK 1417, PAGE 17 OF OFFICIAL RECORDS; CANNOT BE LOCATED FROM THE RECORDS.

C — AN EASEMENT IN FAVOR OF CALIFORNIA ELECTRIC POWER COMPANY FOR EITHER OR BOTH POLE LINES, CONDUITS OR UNDERGROUND FACILITIES AND INCIDENTAL PURPOSES, RECORDED AUGUST 26, 1960 AS INSTRUMENT NO. 75548 OF OFFICIAL RECORDS; CANNOT BE LOCATED FROM THE RECORDS.

D — AN EASEMENT IN FAVOR OF ED E. RITTER AND HELEN H. RITTER FOR ROADWAY AND INCIDENTAL PURPOSES, RECORDED MAY 29, 1968 AS INSTRUMENT NO. 49882 OF OFFICIAL; CANNOT BE PLOTTED.

E — AN EASEMENT IN FAVOR OF THE CITY OF CORONA FOR WATER PIPES, RECORDED NOVEMBER 5, 1987 IN BOOK 65, PAGE 167 OF DEEDS; CANNOT BE LOCATED FROM THE RECORDS.

F — AN EASEMENT GRANTED TO CORONA CITY WATER COMPANY FOR WATER PIPES PURPOSES, RECORDED FEBRUARY 2, 1960 IN BOOK 91, PAGE 351 OF DEEDS; CANNOT BE LOCATED FROM THE RECORDS.

1 — AN EASEMENT GRANTED TO CALIFORNIA ELECTRIC POWER COMPANY FOR PUBLIC UTILITIES PURPOSES, RECORDED AUGUST 19, 1965 AS INSTRUMENT NO. 73393 OF OFFICIAL RECORDS; WIDTH NOT GIVEN.

2 — AN EASEMENT GRANTED TO ADOBE GMOL, LLC FOR CONSTRUCTION AND MAINTENANCE OF AN ACCESS ROAD, RECORDED FEBRUARY 26, 1998 AS INSTRUMENT NO. 68474 OF OFFICIAL RECORDS.

3 — AN EASEMENT GRANTED TO CORONA CITY FOR STREET AND PUBLIC UTILITY PURPOSES, RECORDED FEBRUARY 26, 1998 AS INSTRUMENT NO. 68473 OF OFFICIAL RECORDS.

4 — AN EASEMENT GRANTED TO PACIFIC BELL FOR PUBLIC UTILITIES PURPOSES, RECORDED MARCH 22, 1999 AS INSTRUMENT NO. 117116 OF OFFICIAL RECORDS.

5 — AN EASEMENT GRANTED TO ED E. RITTER FOR ACCESS PURPOSES, RECORDED MAY 18, 1999 AS INSTRUMENT NO. 214367 OF OFFICIAL RECORDS.

6 — AN EASEMENT GRANTED TO BRUCE F. HICKS AND JEFFREY B. MORGULIS FOR ACCESS PURPOSES, RECORDED MAY 18, 1999 AS INSTRUMENT NO. 214568 OF OFFICIAL RECORDS.

7 — AN EASEMENT GRANTED TO CONTEX HOMES, A NEVADA GENERAL PARTNERSHIP FOR CONSTRUCTION, PLANTING, PLACEMENT, MAINTENANCE AND USE OF HABITAT MITIGATION AND RELATED IMPROVEMENTS AS REQUIRED BY THE CALIFORNIA DEPARTMENT OF FISH AND GAME, RECORDED JUNE 23, 1999 AS INSTRUMENT NO. 278409 OF OFFICIAL RECORDS.

## LOT AREAS:

| LOT DATA | | | | | PAD DATA |
|---|---|---|---|---|---|
| LOT NO. | LOT AREA (SF) | LOT AREA (ACRE) | WIDTH | DEPTH | PAD AREA (SF) |
| 1 | 36,532 | 0.84 | 156' | 275' | 34,505 |
| 2 | 26,508 | 0.61 | 136' | 194' | 25,348 |
| 3 | 25,982 | 0.60 | 128' | 205' | 21,386 |
| 4 | 26,246 | 0.60 | 158' | 162' | 23,876 |
| 5 | 24,885 | 0.57 | 143' | 173' | 21,411 |
| 6 | 26,521 | 0.66 | 131' | 226' | 23,905 |
| 7 | 30,299 | 0.70 | 124' | 242' | 28,212 |
| 8 | 31,005 | 0.71 | 111' | 245' | 30,126 |
| 9 | 39,274 | 0.90 | 172' | 258' | 28,026 |
| 10 | 35,491 | 0.81 | 133' | 274' | 24,554 |
| 11 | 31,951 | 0.73 | 137' | 231' | 24,204 |
| 12 | 28,968 | 0.66 | 134' | 205' | 24,323 |
| 13 | 27,312 | 0.63 | 130' | 200' | 25,352 |
| 14 | 23,725 | 0.55 | 86' | 220' | 23,417 |
| 15 | 24,496 | 0.56 | 147' | 167' | 20,749 |
| 16 | 24,629 | 0.56 | 119' | 152' | 17,161 |
| 17 | 41,150 | 0.95 | 139' | 259' | 29,348 |
| 18 | 35,507 | 0.82 | 131' | 267' | 24,511 |
| 19 | 43,655 | 1.00 | 146' | 319' | 34,841 |
| 20 | 37,925 | 0.87 | 162' | 277' | 36,125 |
| 21 | 29,752 | 0.68 | 176' | 187' | 20,713 |
| 22 | 25,312 | 0.58 | 132' | 190' | 20,177 |
| 23 | 37,271 | 0.86 | 141' | 311' | 27,103 |
| 24 | 42,863 | 0.98 | 83' | 309' | 38,555 |
| 25 | 39,924 | 0.92 | 137' | 284' | 33,026 |
| 26 | 35,737 | 0.82 | 134' | 270' | 26,849 |
| 27 | 41,321 | 0.95 | 124' | 317' | 35,568 |
| 28 | 40,224 | 0.92 | 144' | 262' | 33,359 |

## SLOPE AREAS: (H.O.A. MAINTENANCE)

| LOT DATA | | |
|---|---|---|
| LOT LTR. | LOT AREA (SF) | LOT AREA (ACRE) |
| "A" | 78,281 | 1.80 |
| "B" | 14,817 | 0.34 |
| "C" | 31,458 | 0.72 |
| "D" | 14,884 | 0.34 |
| "E" | 148,025 | 3.40 |
| "F" | 17,554 | 0.40 |
| "G" | 13,457 | 0.31 |
| "H" | 385,533 | 8.85 |
| TOTAL | 704,009 | 16.16 |

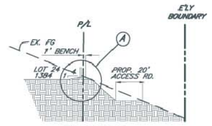
## OPEN SPACE: (NATURAL STATE)

| LOT DATA | | |
|---|---|---|
| LOT LTR. | LOT AREA (SF) | LOT AREA (ACRE) |
| "AA" | 119,086 | 2.73 |
| "BB" | 254,286 | 5.84 |
| "CC" | 75,034 | 1.72 |
| "DD" | 33,217 | 0.76 |
| "EE" | 516,877 | 11.87 |
| TOTAL | 998,500 | 22.92 |

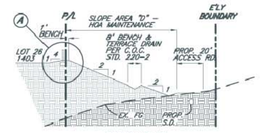
TYPICAL INTERIOR LOT SECTION A-A
NTS



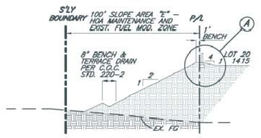
12" BERM DETAIL
NTS



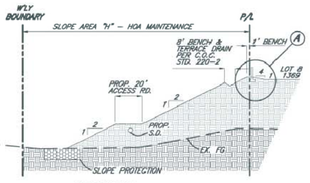
SECTION B-B
NTS



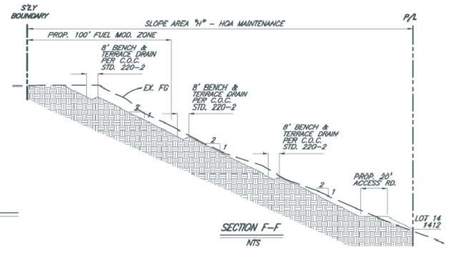
SECTION C-C
NTS



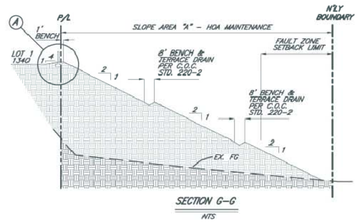
SECTION D-D
NTS



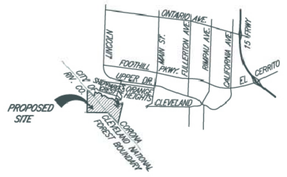
SECTION E-E
NTS



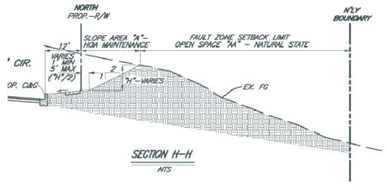
SECTION F-F
NTS



SECTION G-G
NTS



VICINITY MAP
N.T.S.



SECTION H-H
NTS



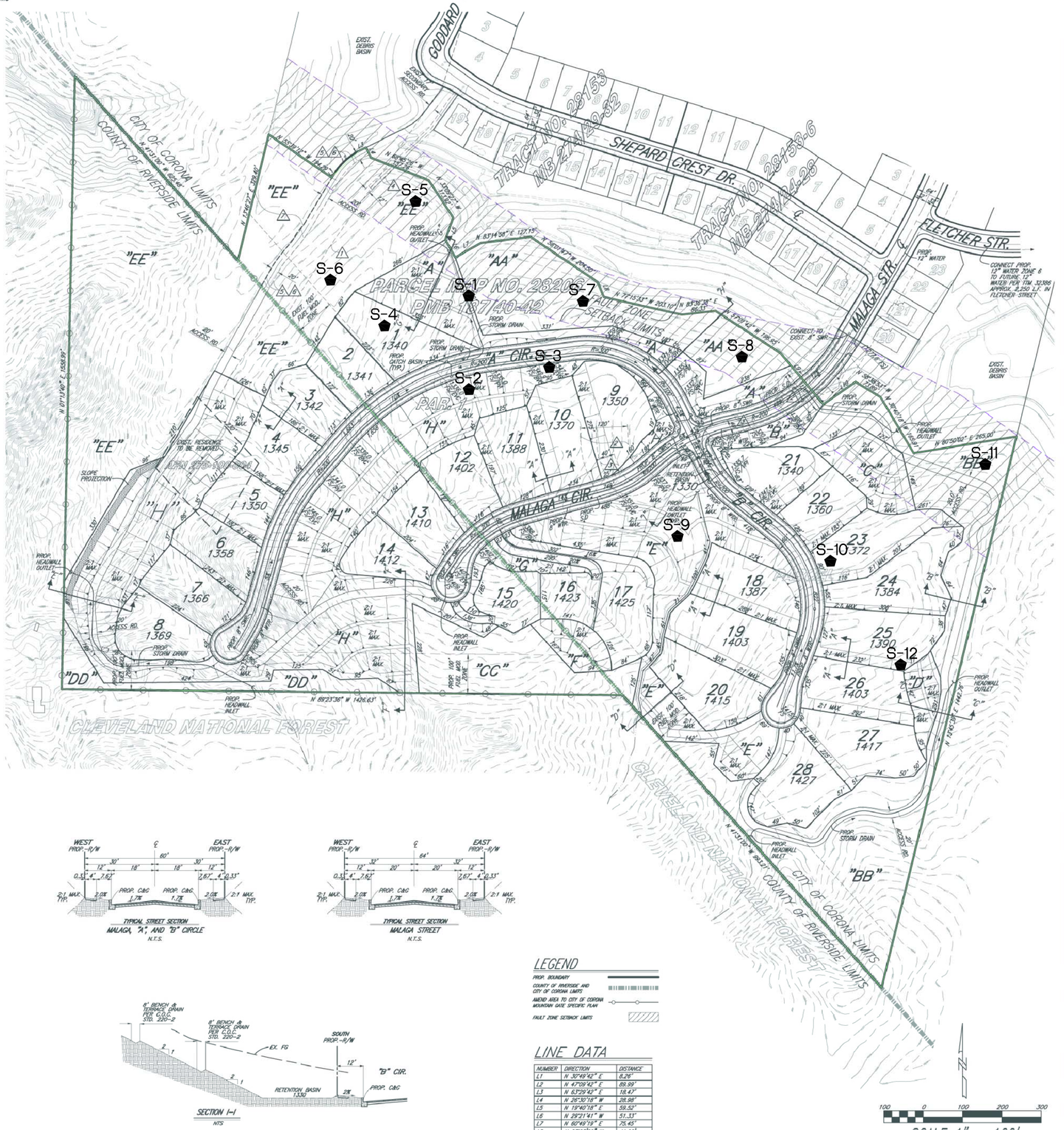
SECTION I-I
NTS



TYPICAL STREET SECTION
MALAGA, "A", AND "B" CIRCLE
N.T.S.



TYPICAL STREET SECTION
MALAGA STREET
N.T.S.




## LEGEND

S-12 — Approximate location of soil sample, collected for pesticide analysis

## LEGEND

PROP. BOUNDARY
COUNTY OF RIVERSIDE AND CITY OF CORONA LIMITS
AMEND AREA TO CITY OF CORONA MOUNTAIN GATE SPECIFIC PLAN
FAULT ZONE SETBACK LIMITS

## LINE DATA

| NUMBER | DIRECTION | DISTANCE |
|---|---|---|
| L1 | N 30°40'42" E | 8.28' |
| L2 | N 47°09'42" E | 88.99' |
| L3 | N 63°29'42" E | 18.47' |
| L4 | N 26°30'18" W | 28.98' |
| L5 | N 19°40'18" E | 59.52' |
| L6 | N 29°21'41" W | 51.33' |
| L7 | N 60°49'19" E | 75.45' |
| L8 | N 23°03'09" W | 41.92' |
| L9 | N 39°52'48" W | 170.00' |
| L10 | N 54°59'42" E | 100.00' |

100 0 100 200 300

SCALE 1" = 100'

ARMSTRONG & BROOKS CONSULTING ENGINEERS, INC.
PLANNING · MASS GRADING · SITE DEVELOPMENT · WATER RESOURCES
1530 CONSUMER CIRCLE, UNIT B
CORONA, CALIFORNIA 92880
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JN 105-588 DATE 02/21/06

CITY OF CORONA
TENTATIVE TRACT MAP 34760

Drawing No.
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