



LIMITED RESIDUAL PESTICIDE SAMPLING ACTIVITIES

Townsend Farms Development Site

Lots 7, 8, 9, 16, and 17

Fairview, Oregon

For
Townsend Farms
December 8, 2006

GeoDesign Project: TownsendFa-1-07

December 8, 2006

Townsend Farms
23303 NE Sandy Boulevard
Fairview, Oregon 97024

Attention: Mr. Jeff Townsend

Limited Residual Pesticide Sampling Activities

Townsend Farms Development Site
Lots 7, 8, 9, 16, and 17
Fairview, Oregon
GeoDesign Project: TownsendFa-1-07

GeoDesign, Inc. is pleased to submit our limited residual pesticide sampling activities report for the Townsend Farms Development site located in Fairview, Oregon. Contractual terms for our services are contained in our proposal dated October 17, 2006.

We appreciate the opportunity to be of service to Townsend Farms. Please contact us if you have questions regarding this report.

Sincerely,

GeoDesign, Inc.


Robert E. Belding, R.G.
Principal Geologist

cc: Mr. Paul Seidel, Oregon Department of Environmental Quality
Mr. Chris Humphries, Birtcher Property Services (via email only)

KAT:RMJ:JSO:REB:kt

Attachments

Two copies submitted

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1.0 INTRODUCTION

This report presents the results of the sampling activities completed on October 31 and November 1, 2006 for the Townsend Farms development site in Fairview, Oregon (project site). This sampling event was conducted in general accordance with our proposal dated October 17, 2006. The purpose of this sampling event was to evaluate residual pesticide and metals concentrations at Lots 7, 8, 9, 16, and 17 from historical agricultural use at the project site. This work was requested by DEQ in a meeting attended by Mr. Jeff Townsend, DEQ, and GeoDesign on October 11, 2006. The project site is shown relative to surrounding physical features on Figure 1. The project site layout and sampling locations are shown on Figure 2. For your reference, definitions of all acronyms used are attached at the end of this document.

2.0 BACKGROUND

The project site has been used for agricultural purposes since the early 1900s. The preliminary sampling and subsequent chemical analysis took into consideration the types of crops that have been grown on specific areas of the project site. The overall project site is approximately 100 acres in size.

Based on an historical use map of the project site and discussions with Mr. Townsend, the following uses were identified:

- Lots 15, 16, 21 (pond), and 23: raspberries
- Lots 1, 2, 3, 4, 5, 8, 9, 11, and 17: raspberries and strawberries
- Lots 12, 13, and 14: vegetables
- Lots 6, 7, and 10: raspberries and peaches

GeoDesign conducted preliminary soil sampling at the Townsend Farms site on November 11, 2005. The purpose of the preliminary soil sampling activities was to evaluate possible residual organochlorine pesticide and metals concentrations in surface and near-surface soil at the project site and to determine if any remedial actions are necessary in order to fulfill Industrial Lands Certification requirements. The proposed scope of work did not include an environmental investigation of the processing facility, which remains in operation and is not part of the Townsend Farms site that is being re-developed. Preliminary soil sampling results were presented in GeoDesign's Soil Sampling Report dated January 4, 2006. Low levels of eight organochlorine pesticides were detected in the composite soil samples analyzed from the five lots sampled. Dieldrin was detected in 6 of the 10 composite soil samples. Dieldrin was detected in only one of the soil samples at a concentration exceeding the EPA Region 9 PRG for industrial sites. The metals detected in the composite soil samples (except for arsenic) were less than the EPA Region 9 PRG for industrial sites. The arsenic levels detected were less than DEQ established background concentrations for this area.

3.0 SCOPE OF SERVICES

The purpose of the limited residual pesticide sampling activities was to evaluate possible residual pesticide and metals concentrations in surface and subsurface soil at Lots 7, 8, 9, 16, and 17

within the project site and determine if remedial actions are necessary prior to site development. The proposed scope of services was developed in general accordance with DEQ's *Guidance for Evaluating Residual Pesticides on Lands Formerly Used for Agricultural Production*, dated January 2006. The scope items completed during this investigation are summarized below.

- Collected surface soil samples (0.0 to 0.5 foot BGS) from four discrete sampling locations on Lots 8 and 9. Discrete surface samples were then homogenized into composite samples. A portion of the surface discrete samples were retained for possible analysis. Subsurface soil samples were also collected at each of the discrete sampling locations from approximately 2 to 3 feet BGS and properly archived pending the outcome of surface sampling results.
- Due to the large size of Lots 7, 16 and 17, these lots were divided in half and four surface soil samples (0.0 to 0.5 foot BGS) were collected from each half of each lot and then homogenized into composite samples. A portion of the surface discrete samples were retained for possible analysis. Subsurface soil samples were also collected at each of the discrete sampling locations from approximately 2 to 3 feet BGS and properly archived pending the outcome of surface sampling results.
- Submitted the surface soil composite and discrete samples to the analytical laboratory for chemical analysis of organochlorine pesticides using EPA Method 8081 and for 17 specific agricultural-use metals using EPA Method 200.7/6010B and EPA Method 245.7/1631. Subsurface soil composite soil samples were analyzed for organochlorine pesticides using EPA Method 8081 and for arsenic using EPA Method 200.7/6010B.
- Based on the results of the of the soil sampling activities, provided recommendations for management of impacted soil during site redevelopment and remediation of impacted soil, as necessary to obtain an NFA determination for each separate lot.

4.0 SITE CONDITIONS

The project site is located to the northeast of the intersection between NE 223rd Avenue and NE Sandy Boulevard and south of the Union Pacific Railroad in Fairview, Oregon. The project site and vicinity is primarily used for agricultural purposes. The project site is located in Section 47, Township 1 North, Range 3 East of the Willamette Meridian and according to Multnomah County Building and Land Use Department, encompass approximately 103 acres. This investigation only includes Lots 7, 8, 9, 16, and 17 at the project site as identified on Figure 2.

5.0 REGULATORY SCREENING LEVELS

Future development activities at Lots 7, 8, 9, 16, and 17 include covering the project site with asphalt for parking areas, roads, and concrete pads with buildings. The remaining areas will be landscaped. These developments will either reduce or eliminate human exposure. These developments will also reduce rainwater infiltration through surface soils, thereby greatly reducing the ability of dieldrin or arsenic to leach to groundwater. It is also our understanding that future project site redevelopment plans do not include installing drinking water wells. Based on this information, project site pesticide and metals concentrations were compared to EPA Region 9 Industrial PRGs and DEQ Generic RBCs for *Soil Ingestion Dermal Contact and Inhalation* for occupational, construction worker, and excavation worker receptor scenarios and *Leaching to Groundwater* (where applicable).

6.0 PRELIMINARY RESIDUAL PESTICIDE SAMPLING

The purpose of the preliminary residual pesticide sampling activities is to evaluate possible residual pesticide and metals concentrations in surface and subsurface soil on Lots 7, 8, 9, 16, and 17 at the project site. DEQ's *Guidance for Evaluating Residual Pesticides on Lands Formerly Used for Agricultural Production*, dated January 2006, was used to as a reference to develop the sampling plan that was submitted to DEQ on October 20, 2006 and verbally approved on October 25, 2006. The layout of the lots and approximate discrete soil sampling locations are shown on Figure 2.

6.1 PESTICIDE SOIL SAMPLING ACTIVITIES

On October 31 and November 1, 2006, GeoDesign personnel conducted surface and subsurface sampling at the project site to evaluate the potential for significant accumulation of pesticides and metals at Lots 7, 8, 9, 16 and 17. Soil sampling was conducted using hand-auger equipment owned and operated by GeoDesign.

Surface soil samples (0.0 - 0.5 foot BGS) were collected from Lots 8 and 9 from four discrete sampling locations within each of the lots. The discrete surface samples were then homogenized into composite samples. A portion of the surface discrete samples were retained for analysis. Subsurface soil samples were also collected at each of the discrete sampling locations from approximately 2 to 3 feet BGS, homogenized into composite samples, and properly archived pending the outcome of surface sampling results.

Due to the large size of Lots 7, 16, and 17, these lots were divided in half and four surface soil samples (0.0 to 0.5 foot BGS) were collected from each half of each lot and then homogenized into composite samples. A portion of the surface discrete samples were retained for possible analysis. Subsurface soil samples were also collected at each of the discrete sampling locations from approximately 2 to 3 feet BGS and properly archived pending the outcome of surface sampling results.

6.2 SOIL CONDITIONS

Subsurface conditions were generally similar across the project site lots that were investigated. Soil encountered in the explorations consisted of brown, fine, silty sand. Plant roots and occasional gravel were encountered in some of the explorations. Unidentified debris was encountered in exploration S-8-3. Soil conditions are summarized in the exploration logs provided in Appendix A.

6.3 PESTICIDE SOIL SAMPLING RESULTS

A total of eight composite surface soil samples (SSC-7-E Lot 7, SSC-7-W Lot 7, SSC-8 Lot 8, SSC-9 Lot 9, SSC-16-E Lot 16, SSC-16-W Lot 16, SSC-17-E Lot 17, and SSC-17-W Lot 17) and eight composite subsurface samples [Composite 1 (10,12,14, and 16) through Composite 8 (56,58,70, and 72)] were submitted to Columbia Inspection Laboratory for analysis of organochlorine pesticides by EPA Method 8081 and typical agricultural use total metals (including antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, vanadium, zinc, and total mercury) by EPA Method 200.7/6010B and EPA Method 245.7/1631. A total of 32 discrete surface soil samples [SS-7-1 (6") through SS-7-8

(6"), SS-8-1 (6") through SS-8-4 (6"), SS-9-1 (6") through SS-9-4 (6"), SS-16-1 (6") through SS-16-8 (6"), and SS-17-1 (6") through SS-17-8 (6")] were also submitted for analysis of organochlorine pesticides by EPA Method 8081A and arsenic by EPA Method 200.7/6010B. Organochlorine pesticide and metals results for the surface soil and subsurface soil samples are summarized in Tables 1 and 2. Organochlorine pesticide and arsenic results for the discrete surface soil samples are summarized in Tables 3 and 4. Our review of the laboratory data and the laboratory report is provided in Appendix B.

6.3.1 Organochlorine Pesticides

Dieldrin was detected in composite surface soil samples soil samples SSC-7-W Lot 7, SSC-8 Lot 8, SSC-9 Lot 9, SSC-16-E Lot 16, SSC-16-W Lot 16, SSC-17-E Lot 17, and SSC-17-W Lot 17 at concentrations exceeding the EPA Region 9 PRG for industrial soil, the occupational *Soil Ingestion Dermal Contact and Inhalation* DEQ Generic RBC, and the occupational *Leaching to Groundwater* DEQ Generic RBC. Organochlorine pesticides were either not detected or were detected at concentrations less than the EPA Region 9 Industrial PRG or applicable DEQ RBCs in the remaining composite surface and subsurface soil samples.

Dieldrin was also detected in surface discrete samples SS-8-1 (6"), SS-9-1 (6") through SS-9-3 (6"), SS-16-1 (6"), SS-16-2 (6"), SS-16-4 (6") through SS-16-8 (6"), SS-17-1 (6") through SS-17-6 (6"), and SS-17-8 (6") at concentrations exceeding the EPA Region 9 PRG for industrial soil, the occupational *Soil Ingestion Dermal Contact and Inhalation* DEQ Generic RBC, and/or the occupational *Leaching to Groundwater* DEQ Generic RBC. Organochlorine pesticides were either not detected or were detected at concentrations less than the EPA Region 9 Industrial PRG or applicable DEQ RBCs in the remaining surface discrete soil samples.

6.3.2 Metals

Arsenic was detected in all surface and subsurface composite soil samples as well as all discrete surface samples at concentrations exceeding the DEQ background concentration, EPA Region 9 PRG for industrial soil, and the occupational and construction worker *Soil Ingestion Dermal Contact and Inhalation* DEQ Generic RBCs.

Although copper, lead, and selenium were detected in one or more surface composite soil samples at concentrations above the DEQ established background concentrations, none of the detections exceeded the EPA Region 9 Industrial PRGs or applicable DEQ RBCs.

7.0 CONCLUSIONS AND RECOMMENDATIONS

GeoDesign conducted soil sampling at the project site on October 31 and November 1, 2006 to evaluate possible residual concentrations of organochlorine pesticides and metals in surface and subsurface soil at the project site. Based in the results of the soil sampling, we conclude the following:

- Dieldrin was detected in surface soil on Lots 7, 8, 9, 16, and 17 at concentrations exceeding the EPA Region 9 PRG for industrial soil, the occupational *Soil Ingestion Dermal Contact and Inhalation* DEQ Generic RBC, and the occupational *Leaching to Groundwater* DEQ Generic RBC. Concentrations of dieldrin were significantly less in soil samples collected at

approximately 2 feet BGS, suggesting that pesticide impacts are primarily limited to the upper 2 feet of soil at these lots. Low levels of alpha-chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Endosulfan I, Endosulfan II, heptachlor, and heptachlor epoxide were also detected in surface soil at concentrations not expected to pose a risk to future site workers.

- Arsenic was detected in surface soil on Lots 7, 8, 9, 16, and 17 at concentrations exceeding the EPA Region 9 PRG for industrial soil, the occupational and construction worker *Soil Ingestion Dermal Contact and Inhalation* DEQ Generic RBCs. Arsenic concentrations did not appear to significantly decrease between the surface and subsurface composite soil samples. Therefore, concentrations of arsenic exceeding the EPA Region 9 PRG and occupational and construction *Soil Ingestion Dermal Contact and Inhalation* appear to extend past a depth of 2 feet BGS. Other metals were detected in surface soil (barium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, vanadium, and zinc) at concentrations not expected to pose a risk to future site workers.

Based on these results, we recommend that a detailed Soil Management Plan and Cap Management, Inspection, and Maintenance Plan be developed prior to the redevelopment of Lots 7, 8, 9, 16, and 17. The Soil Management Plan will describe how soils excavated as part of site development, as well as any soil excavated in the future, will be characterized and managed. The Cap Management, Inspection, and Maintenance Plan will be in conjunction with the Soil Management Plan and will describe how surface capping of the site soil will be implemented during site development and how the cap will be inspected and maintained following completion of the site development activities. With close communication with DEQ regarding the development of the site, preparation of a Soil Management Plan and Cap Management, Inspection, and Maintenance Plan (that will be attached to an Easement and Equitable Servitude to be filed for the property), an NFA designation from DEQ for these lots could be negotiated.

8.0 LIMITATIONS

This report has been prepared for use by Townsend Farms. GeoDesign makes no warranties or guarantees regarding the accuracy or completeness of information provided or compiled by others. Our interpretations of subsurface conditions are based on data from select soil samples obtained from this limited area. Analytical data from the laboratory samples should only be considered as indicators of site conditions and not a guarantee of the absence of subsurface impact in areas not sampled.

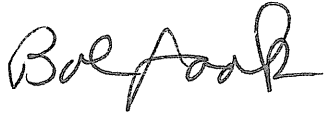
This report is not intended for use by others, and the information contained herein is not applicable to other sites. Reliance on this report by other parties is strictly at the risk of those parties, and GeoDesign will grant no third party reliance unless specifically requested in writing by our client for whom this report was prepared.

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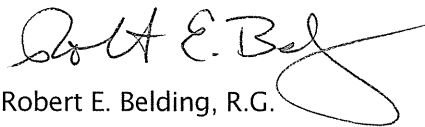
We appreciate the opportunity to be of service to Townsend Farms. Please call if you have questions regarding this report.

Sincerely,

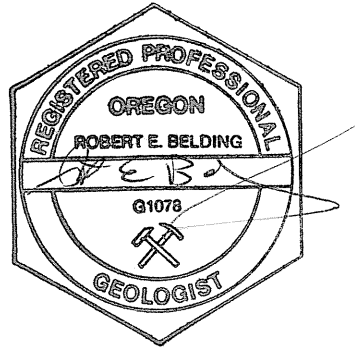
GeoDesign, Inc.



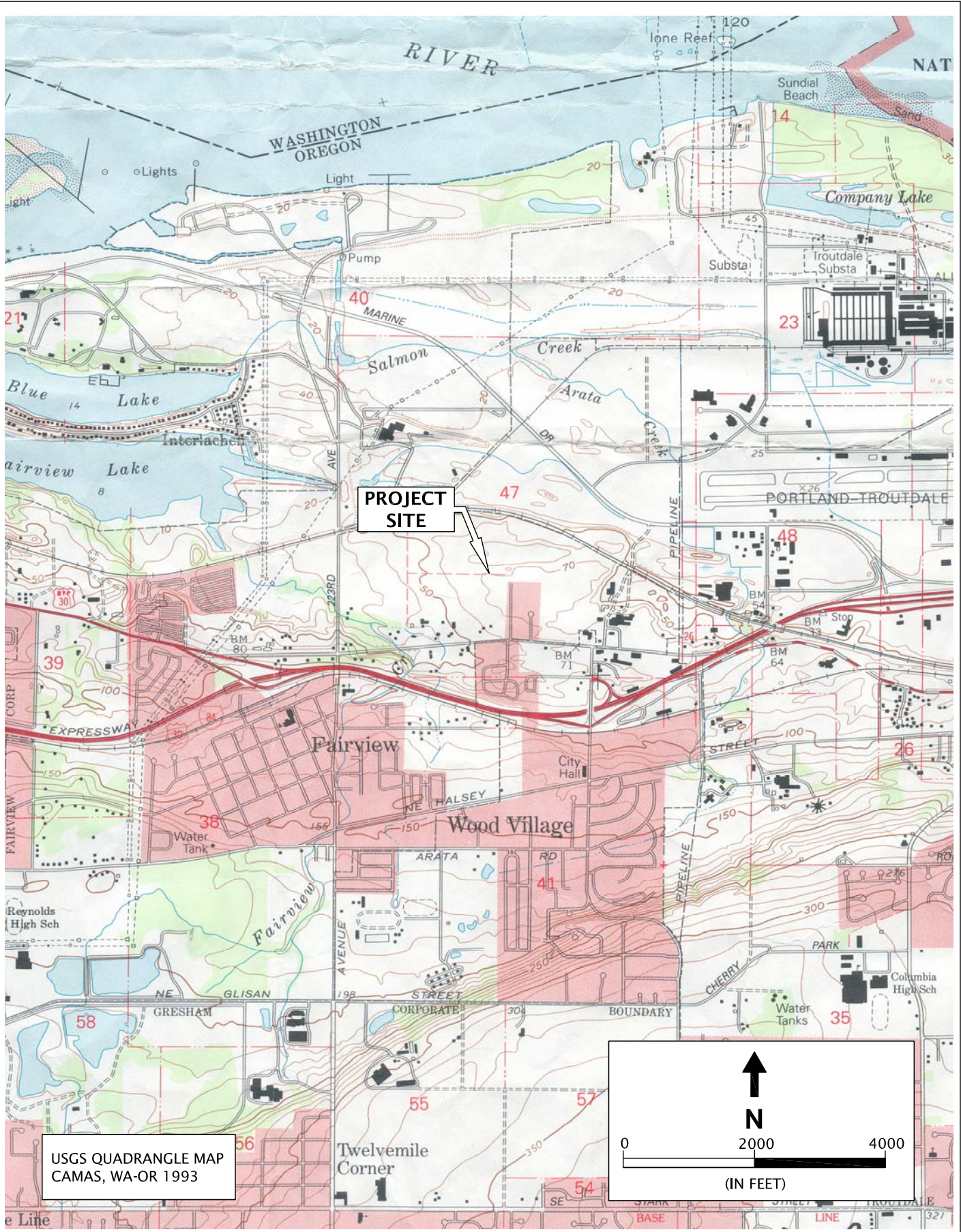
Robert M. Janak
Senior Project Manager



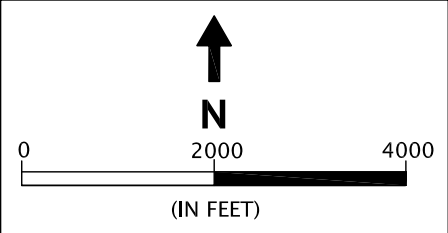
Robert E. Belding, R.G.
Principal Geologist



FIGURES



USGS QUADRANGLE MAP
CAMAS, WA-OR 1993



DWC Name: TownsendFa-1-07-F1-VM.dwg | Layout: Layout1 | Updated By: kt | Date: 12/4/2006 3:47:14 PM

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TOWNSENDFA-1-07

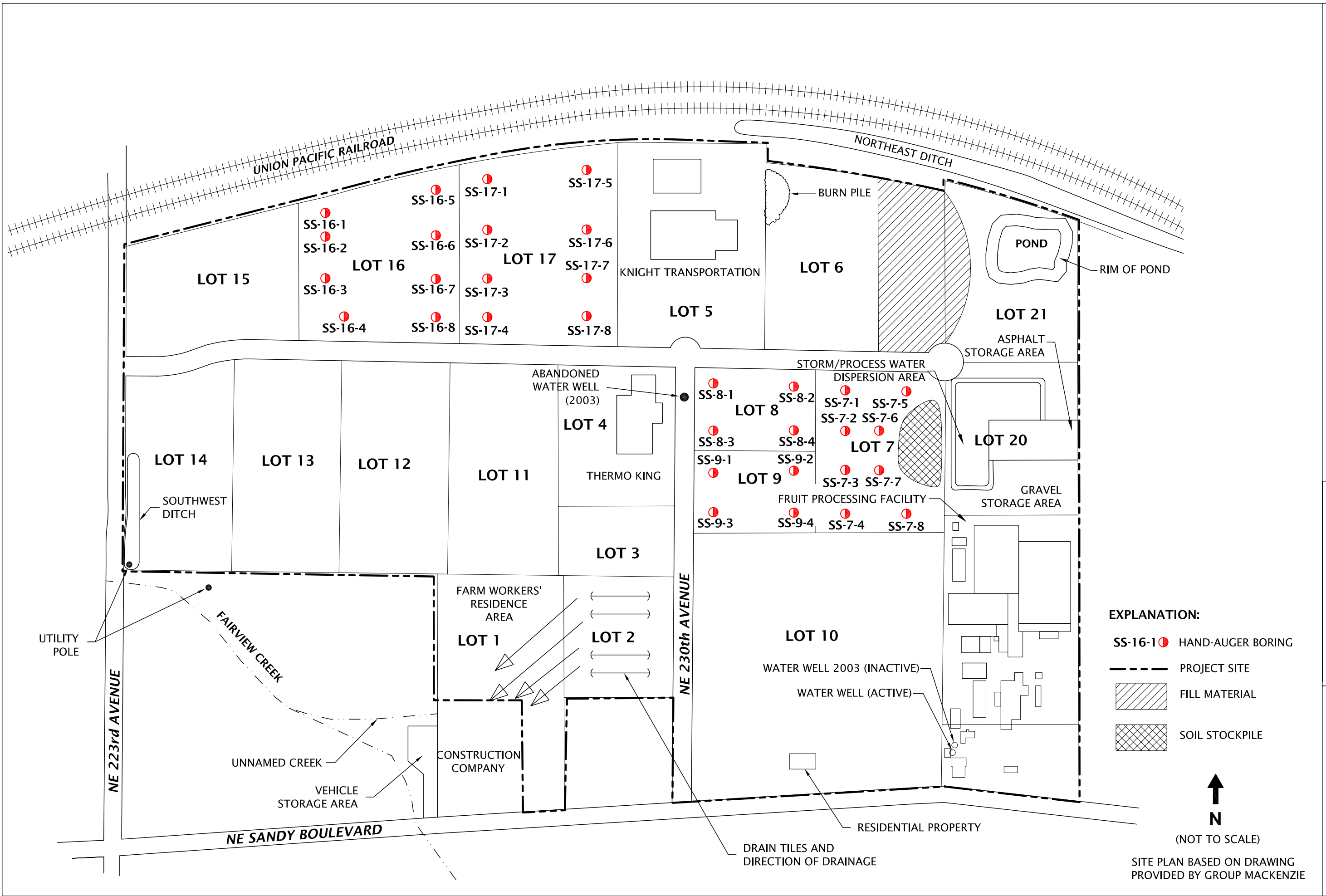
DECEMBER 2006

VICINITY MAP

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE 1

DWG Name: TownsendFa-1-07-F2-SP.dwg | Layout: Layout1 | Updated By: kt | Date: 12/4/2006 3:45:13 PM



TABLES

TABLE 1
Summary of Composite Surface and Subsurface Soil Sample Chemical Analytical Data
Organochlorine Pesticides
Townsend Farms Development Site
Fairview, Oregon

| Sample Location | Sample I.D. | Date | Organochlorine Pesticides EPA Method 8081 (µg/kg) | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|----------|---|-----------|----------|----------------------|-----------|------------------------|-----------------|------------------|------------------------|-------------------|------------------------|---------------------|-------------------------|-------------------------|--------------------|-----------|-----------------|---------------|------------|---------------------|--------------|-----------|
| | | | Aldrin | alpha-BHC | beta-BHC | gamma-BHC (lindane) | delta-BHC | alpha-Chlordane | gamma-Chlordane | Chlordane (tech) | 4,4'-DDD | 4,4'-DDE | 4,4'-DDT | Dieldrin | Endosulfan I | Endosulfan II | Endosulfan Sulfate | Endrin | Endrin Aldehyde | Endrin Ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Toxaphene |
| Composite Surface Soil Samples | | | | | | | | | | | | | | | | | | | | | | | | |
| West side - Lot 7 | SSC-7-W Lot 7 | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 400 | 91 | 330 | 310 | ND <10 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10 | ND <8.0 | ND <4.0 | ND <80 | |
| East side - Lot 7 | SSC-7-E Lot 7 | 11/01/06 | ND <3.4 | ND <1.7 | ND <3.4 | ND <1.7 | ND <3.4 | 34 | 33 | -- | 51 | 16 | ND <6.8 | 37 | 20 | ND <6.8 | ND <6.8 | ND <3.4 | ND <8.4 | ND <6.8 | 3.4 | 3.4 | ND <34 | ND <68 |
| Lot 8 | SSC-8 Lot 8 | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 340 | 89 | 320 | 230 | ND <10 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40 | ND <80 |
| Lot 9 | SSC-9 Lot 9 | 11/01/06 | ND <2.9 | ND <1.4 | ND <2.9 | ND <1.4 | ND <2.9 | 140 | 160 | -- | 340 | 90 | 370 | 240 | 110 | ND <5.7 | ND <5.7 | ND <2.9 | ND <7.2 | ND <5.7 | ND <2.9 | ND <2.9 | ND <29 | ND <57 |
| West side - Lot 16 | SSC-16-W Lot 16 | 10/31/06 | ND <3.1 | ND <1.6 | ND <3.1 | ND <1.6 | ND <3.1 | ND <3.1 | 190 | -- | 230 | 130 | 180 | 170 | ND <7.8 | ND <6.3 | ND <6.3 | ND <3.1 | ND <7.8 | ND <6.3 | ND <3.1 | 120 | ND <31 | ND <63 |
| East side - Lot 16 | SSC-16-E Lot 16 | 10/31/06 | ND <2.9 | ND <1.5 | ND <2.9 | ND <1.5 | ND <2.9 | ND <2.9 | 150 | -- | 290 | 170 | 310 | 260 | ND <7.4 | ND <5.9 | ND <5.9 | ND <2.9 | ND <7.4 | ND <5.9 | ND <2.9 | 160 | ND <29 | ND <59 |
| West side - Lot 17 | SSC-17-W Lot 17 | 10/31/06 | ND <3.4 | ND <1.7 | ND <3.4 | ND <1.7 | ND <3.4 | ND <3.4 | 160 | -- | 280 | 150 | 270 | 180 | ND <8.4 | ND <6.7 | ND <6.7 | ND <3.4 | ND <8.4 | ND <6.7 | ND <3.4 | ND <3.4 | ND <34 | ND <67 |
| East side - Lot 17 | SSC-17-E Lot 17 | 10/31/06 | ND <3.4 | ND <1.7 | ND <3.4 | ND <1.7 | ND <3.4 | ND <3.4 | ND <3.4 | -- | 170 | 140 | 210 | 200 | ND <8.5 | ND <6.8 | ND <6.8 | ND <3.4 | ND <8.5 | ND <6.8 | ND <3.4 | ND <3.4 | ND <34 | ND <68 |
| Composite Subsurface Soil Samples | | | | | | | | | | | | | | | | | | | | | | | | |
| West side - Lot 7 | Composite 5 (42,44,46, and 48) | 11/01/06 | ND <3.6 | ND <1.8 | ND <3.6 | ND <1.8 | ND <3.6 | ND <3.6 | ND <3.6 | -- | ND <7.2 | ND <3.6 | ND <7.2 | ND <3.6 | ND <3.6 | ND <7.2 | ND <7.2 | ND <3.6 | ND <9.0 | ND <7.2 | ND <3.6 | ND <3.6 | ND <36.0 | ND <72.0 |
| East side - Lot 7 | Composite 6 (50,52,54, and 68) | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | ND <8.0 | ND <4.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80.0 |
| Lot 8 | Composite 7 (60,62,64, and 66) | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 9.4 | ND <4.0 | 9.7 | 10 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80.0 |
| Lot 9 | Composite 8 (56,58,70, and 72) | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | ND <8.0 | ND <4.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80.0 |
| West side - Lot 16 | Composite 3 (26,28,30, and 32) | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | ND <8.0 | ND <4.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80.0 |
| East side - Lot 16 | Composite 4 (34,36,38, and 40) | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | ND <8.0 | ND <4.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80.0 |
| West side - Lot 17 | Composite 1 (10,12,14, and 16) | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | ND <8.0 | ND <4.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80.0 |
| East side - Lot 17 | Composite 2 (18,20,22, and 24) | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | ND <8.0 | ND <4.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80.0 |
| EPA Region 9 Industrial PRGs (µg/Kg) | | | 100 | 360 | 1,300 | 1,700 | 1,300 | 6,500 | 6,500 | 6,500 | 10,000 | 7,000 | 7,000 | 110 | 3,700,000 | NE | NE | 180,000 | NE | NE | 380 | 190 | 3,100,000 | 1,600 |
| DEQ Generic RBCs¹ (µg/Kg) | | | | | | | | | | | | | | | | | | | | | | | | |
| Soil Ingestion, Dermal Contact, and Inhalation | | | | | | | | | | | | | | | | | | | | | | | | |
| Occupational | | | 130 | NE | NE | 1,700 | NE | 7,200 | 7,200 | 7,200 | 11,000 | 7,700 | 7,700 | 130 | 4,600,000 ² | 4,600,000 ² | NE | 23,0000 | NE | NE | 480 | 240 | NE | 2,000 |
| Construction Worker | | | 980 | NE | NE | 13,000 | NE | 55,000 ² | 55,000 | 55,000 | 83,000 | 5,800 | 5,800 | 1,000 | 1,400,000 ² | 1,400,000 ² | NE | 71,000 | NE | NE | 3,700 | 1,800 | NE | 15,000 |
| Excavation Worker | | | 27,000 ² | NE | NE | 360,000 ² | NE | 1,500,000 ² | 1,500,000 | 1,500,000 | 23,00,000 ² | 1,600,000 | 1,600,000 ² | 29,000 ² | 40,000,000 ² | 40,000,000 ² | NE | 2,000,000 | NE | NE | 100,000 | 51,000 ² | NE | 420,000 |
| Leaching to Groundwater | | | | | | | | | | | | | | | | | | | | | | | | |
| Occupational | | | 350 | NE | NE | 100 | NE | 42,000 | 42,000 | 42,000 | Note ³ | Note ³ | Note ³ | 160 | Note ³ | Note ³ | NE | 160,000 | NE | NE | 38,000 | 1,100 | NE | 29,000 |
| <p>Notes:</p> <p>1. DEQ Generic RBCs from <i>RBDM</i> Appendix A revised August 16, 2006. RBCs shown for alpha and gamma chlordane as well as chlordane (tech) are from the generic chlordane established by DEQ.</p> <p>2. This soil RBC exceeds the limit of three-phase equilibrium partitioning (C_{sat}). Soil concentrations in excess of C_{sat} indicate that free product might be present.</p> <p>3. This constituent RBC for this pathway is greater than 100,000 mg/Kg. DEQ believes it is highly unlikely that such concentrations will ever be encountered.</p> <p>--: not analyzed ND: not detected above MRL Bolding indicates analyte detection above the laboratory reporting limit. Shading indicates analyte detection above one or more of the regulatory cleanup levels.</p> | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 2
Summary of Composite Surface and Subsurface Soil Sample Chemical Analytical Data
Total Metals
Townsend Farms Development Site
Fairview, Oregon

| Sample Location | Sample I.D. | Date | Total Metals EPA Methods 200.7/6010B (mg/Kg) | | | | | | | | | | | | | | | Mercury EPA Method 245.7/1631 (mg/Kg) | |
|---|--------------------------------|----------|--|---------|---------|-----------|-------------------|---------------------|--------|-------------------|-------|------------|-------------------|----------|--------|----------|----------|--|----------|
| | | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Copper | Lead | Molybdenum | Nickel | Selenium | Silver | Thallium | Vanadium | | Zinc |
| Composite Surface Soil Samples | | | | | | | | | | | | | | | | | | | |
| West side - Lot 7 | SSC-7-W Lot 7 | 11/01/06 | <0.420 | 29.4 | 120 | <0.084 | <0.560 | 19.0 | 8.3 | 21.4 | 17.50 | 0.824 | 17.6 | <1.1 | <0.841 | <0.20 | 27 | 55.7 | <0.00855 |
| East side - Lot 7 | SSC-7-E Lot 7 | 11/01/06 | <0.503 | 33.4 | 110 | <0.10 | <0.671 | 19.2 | 7.5 | 23.0 | 16.10 | 1.11 | 16.1 | <1.3 | <1.01 | <0.23 | 28 | 53.7 | <0.0127 |
| Lot 8 | SSC-8 Lot 8 | 11/01/06 | <0.444 | 28.2 | 110 | <0.089 | <0.592 | 17.7 | 8.2 | 18.7 | 16.60 | <0.592 | 15.3 | 2.2 | <0.888 | <0.21 | 30 | 47.5 | <0.0106 |
| Lot 9 | SSC-9 Lot 9 | 11/01/06 | <0.448 | 31.6 | 130 | <0.090 | <0.597 | 14.4 | 7.1 | 16.4 | 21.10 | 0.833 | 14.2 | <1.2 | <0.896 | <0.21 | 23 | 44.5 | <0.0117 |
| West side - Lot 16 | SSC-16-W Lot 16 | 10/31/06 | <0.426 | 55.8 | 340 | <0.085 | <0.568 | 20.2 | 14.0 | 20.4 | 8.98 | 2.32 | 18.6 | <1.1 | <0.852 | <0.20 | 27 | 59.0 | <0.0118 |
| East side - Lot 16 | SSC-16-E Lot 16 | 10/31/06 | <0.421 | 21.7 | 130 | <0.084 | <0.561 | 13.4 | 6.2 | 26.8 | 13.90 | <0.561 | 13.2 | <1.1 | <0.841 | <0.20 | 20 | 47.6 | <0.0134 |
| West side - Lot 17 | SSC-17-W Lot 17 | 10/31/06 | <0.402 | 30.6 | 150 | 0.080 | <0.536 | 13.9 | 7.2 | 24.0 | 11.20 | 2.28 | 12.7 | <1.1 | <0.804 | <0.19 | 23 | 65.3 | <0.0124 |
| East side - Lot 17 | SSC-17-E Lot 17 | 10/31/06 | <0.419 | 28.6 | 140 | <0.084 | <0.558 | 13.4 | 6.4 | 22.6 | 13.20 | 1.5 | 14.1 | 1.5 | <0.838 | <0.20 | 20 | 59.7 | <0.0126 |
| Composite Subsurface Soil Samples | | | | | | | | | | | | | | | | | | | |
| West side - Lot 7 | Composite 5 (42,44,46, and 48) | 11/01/06 | -- | 29.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| East side - Lot 7 | Composite 6 (50,52,54, and 68) | 11/01/06 | -- | 31.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Lot 8 | Composite 7 (60,62,64, and 66) | 11/01/06 | -- | 31.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Lot 9 | Composite 8 (56,58,70, and 72) | 11/01/06 | -- | 35.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| West side - Lot 16 | Composite 3 (26,28,30, and 32) | 10/31/06 | -- | 23.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| East side - Lot 16 | Composite 4 (34,36,38, and 40) | 10/31/06 | -- | 27.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| West side - Lot 17 | Composite 1 (10,12,14, and 16) | 10/31/06 | -- | 26.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| East side - Lot 17 | Composite 2 (18,20,22, and 24) | 10/31/06 | -- | 24.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EPA Region 9 Industrial PRGs (mg/Kg) | | | 410 | 1.6 | 67,000 | 1,900 | 450 | 450 | 1,900 | 41,000 | 800 | 5,100 | 20,000 | 5,100 | 5,100 | 67 | 1,000 | 100,000 | 23 |
| DEQ Metals Background Concentrations (mg/Kg) | | | 4 | 7.0 | NE | NE | 1.0 | 42.0 | NE | 9.0 | 17.00 | NE | 38.0 | 2.0 | 1.0 | NE | NE | 86.0 | 0.07 |
| DEQ Generic RBCs¹ (mg/Kg) | | | | | | | | | | | | | | | | | | | |
| Soil Ingestion, Dermal Contact, and Inhalation | | | | | | | | | | | | | | | | | | | |
| Occupational | | | NE | 1.7 | 70,000 | 2,000 | 8,600 | Note ^{2,3} | NE | 4,100 | 800 | NE | 20,000 | NE | 5,100 | NE | NE | NE | 310 |
| Construction Worker | | | NE | 13 | 21,000 | 610 | Note ² | Note ^{2,3} | NE | 12,000 | 800 | NE | 6,200 | NE | 1,500 | NE | NE | NE | 93 |
| Excavation Worker | | | NE | 370 | 600,000 | 17,000 | Note ² | Note ^{2,3} | NE | Note ² | 800 | NE | Note ² | NE | 43,000 | NE | NE | NE | 2,600 |

Notes:
1. DEQ Generic RBCs from *RBDM* Appendix A revised August 16, 2006.
2. This constituent RBC for this pathway is greater than 100,000 mg/Kg. DEQ believes it is highly unlikely that such concentrations will ever be encountered.
3. RBCs for chromium III are shown. RBCs for chromium VI: residential = 32 ppm, urban residential = 140 ppm, occupational = 180 ppm, construction worker = 4,600 ppm, and excavation worker = See Note²
--: not analyzed
ND: not detected above MRL
Bolding indicates analyte detection above the laboratory reporting limit.
Shading indicates analyte detection above one or more of the regulatory cleanup levels.

TABLE 3
Summary of Discrete Surface Soil Sample Chemical Analytical Data
Organochlorine Pesticides
Townsend Farms Development Site
Fairview, Oregon

| Sample I.D. | Date | Organochlorine Pesticides EPA Method 8081 (µg/Kg) | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|---|-----------|----------------------|---------------------|------------------------|-----------------|-----------------|------------------------|-------------------|------------------------|---------------------|-------------------------|-------------------------|---------------|--------------------|---------|-----------------|---------------|---------------------|--------------------|--------------|-----------|
| | | Aldrin | alpha-BHC | beta-BHC | gamma-BHC (lindane) | delta-BHC | alpha-Chlordane | gamma-Chlordane | Chlordane (tech) | 4,4'-DDD | 4,4'-DDE | 4,4'-DDT | Dieldrin | Endosulfan I | Endosulfan II | Endosulfan Sulfate | Endrin | Endrin Aldehyde | Endrin Ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Toxaphene |
| Lot 7 | | | | | | | | | | | | | | | | | | | | | | | |
| SS-7-1 (6") | 11/01/06 | ND <4.5 | ND <2.3 | ND <4.5 | ND <2.3 | ND <4.5 | ND <4.5 | ND <4.5 | -- | 52 | ND <4.5 | 60 | 17 | 21 | ND <9.1 | ND <9.1 | ND <4.5 | ND <11.0 | ND <9.1 | ND <4.5 | ND <4.5 | ND <45.0 | ND <91.0 |
| SS-7-2 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 57 | ND <4.0 | 73 | 62 | 31 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-7-3 (6") | 11/01/06 | ND <4.7 | ND <2.4 | ND <4.7 | ND <2.4 | ND <4.7 | ND <4.7 | ND <4.7 | -- | 92 | ND <4.7 | 71 | 39 | 110 | ND <9.5 | ND <9.5 | ND <4.7 | ND <12.0 | ND <9.5 | ND <4.7 | ND <4.7 | ND <47.0 | ND <95 |
| SS-7-4 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 66 | ND <4.0 | 61 | 68 | 33 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-7-5 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 25 | 59 | 36 | ND <4.0 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-7-6 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 67 | 15 | 53 | ND <4.0 | 52 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-7-7 (6") | 11/01/06 | ND <5.0 | ND <2.5 | ND <5.0 | ND <2.5 | ND <5.0 | ND <5.0 | ND <5.0 | -- | ND <10.0 | ND <5.0 | ND <10.0 | ND <5.0 | ND <5.0 | ND <10.0 | ND <10.0 | ND <5.0 | ND <13.0 | ND <10.0 | ND <5.0 | ND <5.0 | ND <50.0 | ND <100.0 |
| SS-7-8 (6") | 11/01/06 | ND <3.3 | ND <1.7 | ND <3.3 | ND <1.7 | ND <3.3 | ND <3.3 | ND <3.3 | -- | ND <6.6 | ND <3.3 | ND <6.6 | ND <3.3 | ND <3.3 | ND <6.6 | ND <6.6 | ND <3.3 | ND <8.3 | ND <6.6 | ND <3.3 | ND <3.3 | ND <33.0 | ND <66.0 |
| Lot 8 | | | | | | | | | | | | | | | | | | | | | | | |
| SS-8-1 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 84 | ND <4.0 | 110 | 140 | 32 | ND <8 | ND <8.0 | ND <4.0 | ND <10 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40 | ND <80 |
| SS-8-2 (6") | 11/01/06 | ND <3.6 | ND <1.8 | ND <3.6 | ND <1.8 | ND <3.6 | ND <3.6 | ND <3.6 | -- | 80 | 76 | 80 | ND <3.6 | 18 | ND <7.2 | ND <7.2 | ND <3.6 | ND <9.0 | ND <7.2 | ND <3.6 | ND <3.6 | ND <36 | ND <72 |
| SS-8-3 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 49 | ND <4.0 | 57 | 14 | ND <4.0 | ND <8 | ND <8.0 | ND <4.0 | ND <10 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40 | ND <80 |
| SS-8-4 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 45 | 71 | 67 | ND <4.0 | ND <4.0 | ND <8 | ND <8.0 | ND <4.0 | ND <10 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40 | ND <80 |
| Lot 9 | | | | | | | | | | | | | | | | | | | | | | | |
| SS-9-1 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 87 | ND <4.0 | 130 | 280 | 55 | ND <8 | ND <8.0 | ND <4.0 | ND <10 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40 | ND <80 |
| SS-9-2 (6") | 11/01/06 | ND <4.9 | ND <2.4 | ND <4.9 | ND <2.4 | ND <4.9 | ND <4.9 | ND <4.9 | -- | 150 | ND <4.9 | 240 | 310 | 120 | ND <9.7 | ND <9.7 | ND <4.9 | ND <12.0 | ND <9.7 | ND <4.9 | ND <4.9 | ND <49 | ND <97 |
| SS-9-3 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 100 | ND <4.0 | 130 | 140 | 64 | ND <8 | ND <8.0 | ND <4.0 | ND <10 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40 | ND <80 |
| SS-9-4 (6") | 11/01/06 | ND <4.6 | ND <2.3 | ND <4.6 | ND <2.3 | ND <4.6 | ND <4.6 | ND <4.6 | -- | 69 | ND <4.6 | 79 | 24 | 35 | ND <9.1 | ND <9.1 | ND <4.6 | ND <11.0 | ND <9.1 | ND <4.6 | ND <4.6 | ND <46 | ND <91.0 |
| Lot 16 | | | | | | | | | | | | | | | | | | | | | | | |
| SS-16-1 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 92 | 40 | 180 | 340 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-16-2 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 97 | 93 | 200 | 210 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-16-3 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 80 | 55 | 99 | 100 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-16-4 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 99 | 67 | 110 | 140 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-16-5 (6") | 10/31/06 | ND <4.7 | ND <2.4 | ND <4.7 | ND <2.4 | ND <4.7 | ND <4.7 | ND <4.7 | -- | 250 | ND <4.7 | 480 | 580 | ND <4.7 | ND <9.5 | ND <9.5 | ND <4.7 | ND <12.0 | ND <9.5 | ND <4.7 | ND <4.7 | ND <47.0 | ND <95 |
| SS-16-6 (6") | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 230 | 39 | 240 | 550 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-16-7 (6") | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 120 | 180 | 230 | 350 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-16-8 (6") | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 210 | 290 | 490 | 260 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| Lot 17 | | | | | | | | | | | | | | | | | | | | | | | |
| SS-17-1 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 230 | 96 | 440 | 350 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-17-2 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 150 | 95 | 270 | 180 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-17-3 (6") | 11/01/06 | ND <3.6 | ND <1.8 | ND <3.6 | ND <1.8 | ND <3.6 | ND <3.6 | ND <3.6 | -- | 160 | 110 | 240 | 540 | ND <3.6 | ND <7.3 | ND <7.3 | ND <3.6 | ND <9.1 | ND <7.3 | ND <3.6 | ND <3.6 | ND <36.0 | ND <73.0 |
| SS-17-4 (6") | 11/01/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 140 | 110 | 210 | 270 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-17-5 (6") | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 220 | 130 | 480 | 970 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-17-6 (6") | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 120 | 77 | 200 | 83 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-17-7 (6") | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 75 | 70 | 120 | 54 | 23 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| SS-17-8 (6") | 10/31/06 | ND <4.0 | ND <2.0 | ND <4.0 | ND <2.0 | ND <4.0 | ND <4.0 | ND <4.0 | -- | 39 | 100 | 150 | 110 | ND <4.0 | ND <8.0 | ND <8.0 | ND <4.0 | ND <10.0 | ND <8.0 | ND <4.0 | ND <4.0 | ND <40.0 | ND <80 |
| EPA Region 9 Industrial PRGs (µg/Kg) | | 100 | 360 | 1,300 | 1,700 | NE | NE | 6,500 | 6,500 | 10,000 | 7,000 | 7,000 | 110 | 3,700,000 | NE | NE | 180,000 | NE | NE | 380 | 190 | 3,100,000 | 1,600 |
| DEQ Generic RBCs¹ (µg/Kg) | | | | | | | | | | | | | | | | | | | | | | | |
| Soil Ingestion, Dermal Contact, and Inhalation | | | | | | | | | | | | | | | | | | | | | | | |
| Occupational | 130 | NE | NE | 1,700 | NE | 7,200 | 7,200 | 7,200 | 11,000 | 7,700 | 7,700 | 130 | 4,600,000 ² | 4,600,000 ² | NE | 23,0000 | NE | NE | 480 | 240 | NE | 2,000 | |
| Construction Worker | 980 | NE | NE | 13,000 | NE | 55,000 ² | 55,000 | 55,000 | 83,000 | 5,800 | 5,800 | 1,000 | 1,400,000 ² | 1,400,000 ² | NE | 71,000 | NE | NE | 3,700 | 1,800 | NE | 15,000 | |
| Excavation Worker | 27,000 ² | NE | NE | 360,000 ² | NE | 1,500,000 ² | 1,500,000 | 1,500,000 | 23,00,000 ² | 1,600,000 | 1,600,000 ² | 29,000 ² | 40,000,000 ² | 40,000,000 ² | NE | 2,000,000 | NE | NE | 100,000 | 51,000 ² | NE | 420,000 | |
| Leaching to Groundwater | | | | | | | | | | | | | | | | | | | | | | | |
| Occupational | 350 | NE | NE | 100 | NE | 42,000 | 42,000 | 42,000 | Note ³ | Note ³ | Note ³ | 160 | Note ³ | Note ³ | NE | 160,000 | NE | NE | 38,000 | 1,100 | NE | 29,000 | |
| Notes: | | | | | | | | | | | | | | | | | | | | | | | |
| 1. DEQ Generic RBCs from R8DM Appendix A revised August 16, 2006. RBCs shown for alpha and gamma chlordane as well as chlordane (tech) are from the generic chlordane established by DEQ. | | | | | | | | | | | | | | | | | | | | | | | |
| 2. This soil RBC exceeds the limit of three-phase equilibrium partitioning (C _{sat}). Soil concentrations in excess of C _{sat} indicate that free product might be present. | | | | | | | | | | | | | | | | | | | | | | | |
| 3. This constituent RBC for this pathway is greater than 100,000 mg/Kg. DEQ believes it is highly unlikely that such concentrations will ever be encountered. | | | | | | | | | | | | | | | | | | | | | | | |
| --: not analyzed | | | | | | | | | | | | | | | | | | | | | | | |
| ND: not detected above MRL | | | | | | | | | | | | | | | | | | | | | | | |
| Bolding indicates analyte detection above the laboratory reporting limit. | | | | | | | | | | | | | | | | | | | | | | | |
| Shading indicates analyte detection above one or more of the regulatory cleanup levels. | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 4
Summary of Discrete Surface Soil Sample Chemical Analytical Data - Arsenic
Townsend Farms Development Site, Troutdale, Oregon
Portland, Oregon

| Sample I.D. | Date | Arsenic EPA Methods 200.7/6010B (mg/Kg) |
|---|----------|---|
| Lot 7 | | |
| SS-7-1 (6") | 11/01/06 | 29.2 |
| SS-7-2 (6") | 11/01/06 | 38.8 |
| SS-7-3 (6") | 11/01/06 | 35.1 |
| SS-7-4 (6") | 11/01/06 | 30.5 |
| SS-7-5 (6") | 11/01/06 | 31.2 |
| SS-7-6 (6") | 11/01/06 | 32.3 |
| SS-7-7 (6") | 11/01/06 | 42.0 |
| SS-7-8 (6") | 11/01/06 | 34.9 |
| Lot 8 | | |
| SS-8-1 (6") | 11/01/06 | 37.5 |
| SS-8-2 (6") | 11/01/06 | 36.3 |
| SS-8-3 (6") | 11/01/06 | 34.6 |
| SS-8-4 (6") | 11/01/06 | 32.2 |
| Lot 9 | | |
| SS-9-1 (6") | 11/01/06 | 35.5 |
| SS-9-2 (6") | 11/01/06 | 38.8 |
| SS-9-3 (6") | 11/01/06 | 31.3 |
| SS-9-4 (6") | 11/01/06 | 33.4 |
| Lot 16 | | |
| SS-16-1 (6") | 11/01/06 | 30.7 |
| SS-16-2 (6") | 11/01/06 | 27.8 |
| SS-16-3 (6") | 11/01/06 | 29.2 |
| SS-16-4 (6") | 11/01/06 | 28.4 |
| SS-16-5 (6") | 10/31/06 | 30.2 |
| SS-16-6 (6") | 10/31/06 | 23.6 |
| SS-16-7 (6") | 10/31/06 | 29.3 |
| SS-16-8 (6") | 10/31/06 | 26.1 |
| Lot 17 | | |
| SS-17-1 (6") | 11/01/06 | 26.1 |
| SS-17-2 (6") | 11/01/06 | 26.7 |
| SS-17-3 (6") | 11/01/06 | 28.2 |
| SS-17-4 (6") | 11/01/06 | 27.3 |
| SS-17-5 (6") | 10/31/06 | 25.3 |
| SS-17-6 (6") | 10/31/06 | 28.6 |
| SS-17-7 (6") | 10/31/06 | 30.4 |
| SS-17-8 (6") | 10/31/06 | 28.8 |
| EPA Region 9 Industrial PRGs (mg/Kg) | | 1.6 |
| DEQ Metals Background Concentrations (mg/Kg) | | 7.0 |
| DEQ Generic RBCs¹ (mg/Kg) | | |
| Soil Ingestion, Dermal Contact, and Inhalation | | |
| Residential | | 0.39 |
| Urban Residential | | 1.0 |
| Occupational | | 1.7 |
| Construction Worker | | 13 |
| Excavation Worker | | 370 |
| Notes: | | |
| 1. DEQ Generic RBCs from <i>RBDM</i> Appendix A revised August 16, 2006. | | |
| Bolding/shading indicates analyte detection above EPA Region 9 Industrial PRGs. | | |

APPENDIX A

APPENDIX A

SUBSURFACE EXPLORATIONS

The hand-auger explorations and composite soil sampling were completed at the site on October 31 and November 1, 2006. The hand-auger explorations were completed by GeoDesign personnel using a 3-inch-diameter hand auger with 4-foot extension rods. The approximate hand-auger exploration locations are presented on Figure 2.

GeoDesign personnel obtained soil samples from all of the explorations. The soils encountered in the explorations were visually classified in general accordance with guidance provided in ASTM D 2488.









SOIL SAMPLING

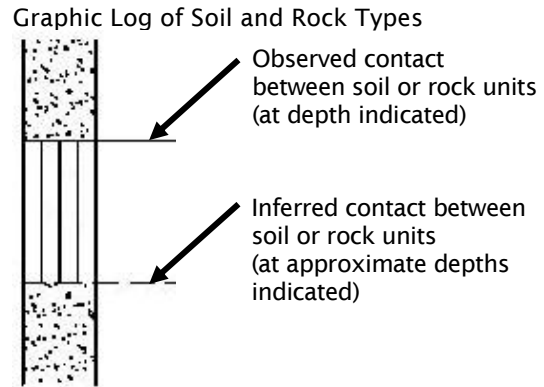
Hand-auger explorations were completed using hand-auger equipment owned by GeoDesign. Soil samples were collected at 1 foot intervals from the hand-auger explorations. Shallow discrete soil samples were collected from Lots 7, 8, 9, 16, and 17 from 0.0 to 0.5 foot BGS. The shallow discrete soil samples were placed in glass jars with Teflon-lined lids and placed in a cooler with ice. A portion of each shallow discrete soil sample was retained for compositing. The discrete soil samples were composited in the field by mixing four discrete samples from each lot in a stainless steel bowl and then placing each composite sample in a glass jar with a Teflon-lined lid. The shallow discrete soil samples and shallow composite soil samples were placed in a cooler with ice and transported to the analytical laboratory under property chain-of-custody.

Subsurface discrete soil samples also were collected from Lots 7, 8, 9, 16, and 17 at a depth interval of 1.5 to 2.0 feet BGS. The subsurface discrete soil samples were placed in glass jars with Teflon-lined lids and placed in a cooler with ice for transport to the analytical laboratory under chain-of-custody. The analytical laboratory prepared composite samples of the subsurface discrete soil samples.

Soil sampling equipment was cleaned with a Liquinox wash, tap water rinse, and a distilled water rinse between each sampling event.

KEY TO TEST PIT AND BORING LOG SYMBOLS

| SYMBOL | SAMPLING DESCRIPTION |
|---|---|
|  | Location of sample obtained in general accordance with ASTM D 1586 Standard Penetration Test with recovery |
|  | Location of sample obtained using thin-wall Shelby tube or Geoprobe® sampler in general accordance with ASTM D 1587 with recovery |
|  | Location of sample obtained using Dames & Moore sampler and 300-pound hammer or pushed with recovery |
|  | Location of sample obtained using Dames & Moore sampler and 140-pound hammer or pushed with recovery |
|  | Location of grab sample |
|  | Rock coring interval |
|  | Water level during drilling |
|  | Water level taken on date shown |



GEOTECHNICAL TESTING EXPLANATIONS

| | | | |
|------|---|-----|--------------------------|
| PP | Pocket Penetrometer | DD | Dry Density |
| TOR | Torvane | ATT | Atterberg Limits |
| CON | Consolidation | CBR | California Bearing Ratio |
| DS | Direct Shear | OC | Organic Content |
| P200 | Percent Passing U.S. Standard No. 200 Sieve | P | Pushed Sample |
| HYD | Hydrometer Gradation | RES | Resilient Modulus |
| UC | Unconfined Compressive Strength | VS | Vane Shear |
| SIEV | Sieve Gradation | kPa | kiloPascal |

ENVIRONMENTAL TESTING EXPLANATIONS

| | | | |
|-----|---|----|------------------|
| CA | Sample Submitted for Chemical Analysis | ND | Not Detected |
| PID | Photoionization Detector Headspace Analysis | NS | No Visible Sheen |
| ppm | Parts per Million | SS | Slight Sheen |
| P | Pushed Sample | MS | Moderate Sheen |
| | | HS | Heavy Sheen |

SOIL CLASSIFICATION SYSTEM

CONSISTENCY - COARSE-GRAINED SOILS

| Relative Density | Standard Penetration Resistance | Dames & Moore Sampler (140-pound hammer) | Dames & Moore Sampler (300-pound hammer) |
|------------------|---------------------------------|--|--|
| Very Loose | 0 - 4 | 0 - 11 | 0 - 4 |
| Loose | 4 - 10 | 11 - 26 | 4 - 10 |
| Medium Dense | 10 - 30 | 26 - 74 | 10 - 30 |
| Dense | 30 - 50 | 74 - 120 | 30 - 47 |
| Very Dense | More than 50 | More than 120 | More than 47 |

CONSISTENCY - FINE-GRAINED SOILS

| Consistency | Standard Penetration Resistance | Dames & Moore Sampler (140-pound hammer) | Dames & Moore Sampler (300-pound hammer) | Unconfined Compressive Strength (tsf) |
|--------------|---------------------------------|--|--|---------------------------------------|
| Very Soft | Less than 2 | Less than 3 | Less than 2 | Less than 0.25 |
| Soft | 2 - 4 | 3 - 6 | 2 - 5 | 0.25 - 0.50 |
| Medium Stiff | 4 - 8 | 6 - 12 | 5 - 9 | 0.50 - 1.0 |
| Stiff | 8 - 15 | 12 - 25 | 9 - 19 | 1.0 - 2.0 |
| Very Stiff | 15 - 30 | 25 - 65 | 19 - 31 | 2.0 - 4.0 |
| Hard | More than 30 | More than 65 | More than 31 | More than 4.0 |

SOIL CLASSIFICATION NAME

| Name and Modifier Terms | | Constituent Percentage |
|-------------------------|--------------------------------|------------------------|
| Coarse Grained | GRAVEL, SAND | >50% |
| | sandy, gravelly | 30 - 50% |
| | silty, clayey | 15 - 50% |
| | some (gravel, sand) | 15 - 30% |
| | some (silt, clay) | 5 - 15% |
| | trace (gravel, sand) | |
| | trace (silt, clay) | <5% |
| Fine Grained | CLAY, SILT | >50% |
| | silty, clayey | 30 - 50% |
| | sandy, gravelly | |
| | some (sand, gravel) | 15 - 30% |
| | some (silt, clay) | |
| | trace (sand, gravel) | 5 - 15% |
| | trace (silt, clay) | |
| Organic | PEAT | 50 - 100% |
| | organic (soil name) | 15 - 50% |
| | (soil name) with some organics | 5 - 15% |

MOISTURE CLASSIFICATION

| Term | Field Test |
|-------|---------------------------------------|
| dry | very low moisture, dry to touch |
| moist | damp, without visible moisture |
| wet | visible free water, usually saturated |

GRAIN SIZE CLASSIFICATION

| Description | Sieve* | Observed Size |
|-------------|--------|---------------|
| boulders | - | >12" |
| cobbles | - | 3" - 12" |
| gravel | coarse | 0.75" - 3" |
| | fine | #4 - 0.75" |
| sand | coarse | #10 - #4 |
| | medium | #40 - #10 |
| | fine | #200 - #40 |
| fines | <#200 | <0.0029" |

* Use of #200 field sieve encouraged

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|------------------------------------|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



15575 SW Sequoia Parkway - Suite 100
Portland OR 97224
Off 503.968.8787 Fax 503.968.3068

TOWNSENDFA-1-07

BORING SS-7-1

DECEMBER 2006

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-1

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|---|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. becomes orange-brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

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TOWNSEND FARMS DEVELOPMENT SITE
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FIGURE A-2

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|---|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. with orange-brown mottles; moist at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-3

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. with light brown mottles at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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BORING SS-7-4

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-4

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. becomes light brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSEND FARMS DEVELOPMENT SITE
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FIGURE A-5

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. becomes light brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSEND FARMS DEVELOPMENT SITE
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FIGURE A-6

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|--------------------------------------|-----------------|---------|--------|--|---|
| 0.0 | | Dark brown, fine, silty SAND; moist. | 2.5 | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSENDFA-1-07

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BORING SS-7-7

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-7

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|---|
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. | 2.5 | | | 0 50 100 | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | 0 50 100 | |
| 5.0 | | | | | | 0 50 100 | |
| 7.5 | | | | | | 0 50 100 | |
| 10.0 | | | | | | 0 50 100 | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSENDFA-1-07

DECEMBER 2006

BORING SS-7-8

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-8

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|---|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. becomes light brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSENDFA-1-07

BORING SS-8-1

DECEMBER 2006

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-9

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND with orange mottles; dry. with dark brown mottles at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSENDFA-1-07

BORING SS-8-2

DECEMBER 2006

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-10

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|---|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. | 2.0 | | | | | | Surface elevation was not readily available at the time of exploration. |
| | | becomes light brown at 0.5 foot | | | | | | | |
| 2.5 | | Exploration completed at 2.0 feet due to concrete debris. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT/EW

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



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TOWNSENDFA-1-07

BORING SS-8-3

DECEMBER 2006

TOWNSEND FARMS DEVELOPMENT SITE
 FAIRVIEW, OR

FIGURE A-11

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND with dark brown mottles; dry. becomes dark brown; moist with roots at 0.5 foot | | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | 2.5 | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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LOGGED BY: KAT/EW

COMPLETED: 11/01/06

BORING METHOD: hand-auger (see report text)

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TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-12

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|---|
| 0.0 | | Dark brown, silty SAND with occasional gravel; moist. becomes orange-brown and fine at 0.5 foot | 2.5 | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

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BORING METHOD: hand-auger (see report text)

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FIGURE A-13

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|--------------------------------------|-----------------|---------|--------|--|---|
| 0.0 | | Dark brown, fine, silty SAND; moist. | | | | 0 50 100 | Surface elevation was not readily available at the time of exploration. |
| | | becomes light brown; dry at 0.5 foot | | | | | |
| 2.5 | | Exploration completed at 2.5 feet. | 2.5 | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

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BORING METHOD: hand-auger (see report text)

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FIGURE A-14

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|---|
| 0.0 | | Dark brown, fine, silty SAND; moist. becomes light brown at 0.5 foot | 2.5 | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

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FIGURE A-15

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|---|
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | 2.5 | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

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FIGURE A-16

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|---|
| 0.0 | | Brown, fine, silty SAND; dry. with light brown mottles at 0.5 foot | 2.5 | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

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FIGURE A-17

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. becomes light brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-18

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. becomes light brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-19

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|---|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. becomes light brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-20

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS | |
|------------|-------------|------------------------------------|-----------------|---------|--------|--|---------------------------|---|
| 0.0 | | Brown, fine, silty SAND; dry. | 2.5 | | 0 | 50 | 100 | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | 0 | 50 | 100 | |
| 5.0 | | | | | 0 | 50 | 100 | |
| 7.5 | | | | | 0 | 50 | 100 | |
| 10.0 | | | | | 0 | 50 | 100 | |

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FIGURE A-21

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. with light brown mottles at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-22

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. becomes light brown-tan at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-23

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|---|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. becomes light brown with orange-tan mottles at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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BORING METHOD: hand-auger (see report text)

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FIGURE A-24

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|---|
| 0.0 | | Brown, fine, silty SAND; dry. | 2.5 | | | 0 50 100 | Surface elevation was not readily available at the time of exploration. |
| | | with light orange-brown mottles at 0.5 foot | | | | | |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

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FIGURE A-25

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. becomes light gray-brown at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-26

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. with light brown mottles at 0.5 foot | | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | 2.5 | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-27

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|---|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry, plant roots. with red-brown-gray mottles at 0.5 foot | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-28

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry (3-inch-thick root mat). | 2.5 | | | | | | Surface elevation was not readily available at the time of exploration. |
| | | becomes light brown at 1.0 foot | | | | | | | |
| 2.5 | | Exploration completed at 2.5 feet. | | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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FIGURE A-29

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06:KT

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|------------------------------------|-----------------|---------|--------|--|---|
| 0.0 | | Brown, fine, silty SAND; dry. | | | | 0 50 100 | Surface elevation was not readily available at the time of exploration. |
| | | becomes light brown at 1.0 foot | | | | | |
| 2.5 | | Exploration completed at 2.5 feet. | 2.5 | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

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TOWNSEND FARMS DEVELOPMENT SITE
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FIGURE A-30

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | | | INSTALLATION AND COMMENTS |
|------------|-------------|--|-----------------|---------|--------|--|----|-----|---|
| | | | | | | 0 | 50 | 100 | |
| 0.0 | | Brown, fine, silty SAND; dry. | | | | | | | Surface elevation was not readily available at the time of exploration. |
| | | becomes light brown with orange-gray mottles at 1.0 foot | | | | | | | |
| 2.5 | | Exploration completed at 2.5 feet. | 2.5 | | | | | | |
| 5.0 | | | | | | | | | |
| 7.5 | | | | | | | | | |
| 10.0 | | | | | | | | | |

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BORING SS-17-7

DECEMBER 2006

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-31

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

BORING LOG TOWNSENDFA-1-07-VARIOUS.GPJ GEODESIGN.GDT PRINT DATE: 12/8/06.KT

| DEPTH FEET | GRAPHIC LOG | MATERIAL DESCRIPTION | ELEVATION DEPTH | TESTING | SAMPLE | ▲ BLOW COUNT ● MOISTURE CONTENT % ▨ RQD% ▩ CORE REC% | INSTALLATION AND COMMENTS |
|------------|-------------|---|-----------------|---------|--------|--|---|
| 0.0 | | Brown, fine, silty SAND with occasional gravel; dry, plant roots. | | | | 0 50 100 | Surface elevation was not readily available at the time of exploration. |
| | | becomes light orange-brown at 1.0 foot | | | | | |
| 2.5 | | Exploration completed at 2.5 feet. | 2.5 | | | | |
| 5.0 | | | | | | | |
| 7.5 | | | | | | | |
| 10.0 | | | | | | | |

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: KAT/EW

COMPLETED: 10/31/06

BORING METHOD: hand-auger (see report text)

BORING BIT DIAMETER:



15575 SW Sequoia Parkway - Suite 100
Portland OR 97224
Off 503.968.8787 Fax 503.968.3068

TOWNSENDFA-1-07

BORING SS-17-8

DECEMBER 2006

TOWNSEND FARMS DEVELOPMENT SITE
FAIRVIEW, OR

FIGURE A-32

APPENDIX B

APPENDIX B

CHEMICAL ANALYTICAL PROGRAM

Chain-of-custody procedures were followed during handling and transport of the soil samples to the analytical laboratory. The laboratory holds the samples in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference, and laboratory quality control records are included in this appendix. The analytical results also are summarized in the tables of this report.

REVIEW OF ANALYTICAL DATA

The analytical laboratory maintains an internal quality assurance program, consisting of a combination of the following:

Blanks - Blanks are laboratory prepared water samples that are free of contaminants. The blanks are carried through the analysis procedure along with the field samples to document that contaminants were not introduced to the samples during sample handling and analysis.

Surrogate Recoveries - Surrogates are organic compounds that are similar in nature to the analytes of concern, but are not normally found in nature. The surrogates are added to quality control and field samples prior to analysis. The percent recovery of the surrogate is calculated to demonstrate acceptable method performance.

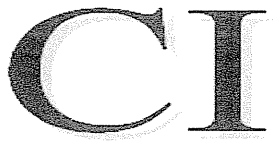
Duplicates - Duplicates are obtained by splitting a sample into two parts. The two separate parts are carried through the analyses. The analytical results are then compared by calculating the relative percent difference between the samples.

MS/MSD Recoveries - An MS sample is a sample that has been split into a second portion. The MSD is obtained by further splitting the MS sample. A known concentration of the analyte of interest is added to the MS and MSD samples. The analytical results for both samples are then compared for relative percent difference and percent recovery to demonstrate acceptable method performance.

BS/BSD Recoveries - BS and BSD samples are obtained and analyzed in the same procedure as the MS/MSD samples. However, the laboratory blank sample is used to obtain the BS/BSD samples. The percent recovery and relative percent difference of the known concentration of analyte of interest added to the BS/BSD sample is calculated after chemical analyses to demonstrate acceptable method performance.

SUMMARY OF ANALYTICAL DATA REVIEW

- GeoDesign reviewed the attached analytical data reports for data quality exceptions and deviations from acceptable method performance criteria. The laboratory did not report any data quality exceptions. It is our opinion that the analytical data are acceptable for their intended use.



CERTIFICATE OF ANALYSIS

CLIENT: GeoDesign, Inc.
 ATTN: Bob Janak
 15575 SW Sequoia Parkway, Suite 100
 Portland OR, 97224

PROJECT NAME: Townsend Farms

PHONE: (505) 968-8787

FAX: (503) 968-3068

SUBMITTED: 11/02/06 10:50

REPORT DATE: 11/27/06 08:13

REPORT NUMBER: 6110202

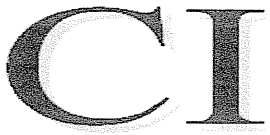
PAGE: 1 OF 27

| CI SAMPLE | CLIENTS ID# | DATE | TIME | MATRIX |
|------------|----------------------------------|------------|------|--------|
| 6110202-01 | SSC-17-E Lot 17: samples 5,6,7,8 | 10/31/2006 | 1215 | Soil |
| 6110202-02 | SSC-17-W Lot 17: samples 1,2,3,4 | 10/31/2006 | 1309 | Soil |
| 6110202-03 | SSC-16-E Lot 16: samples 5,6,7,8 | 10/31/2006 | 1442 | Soil |
| 6110202-04 | SSC-16-W Lot 16: samples 1,2,3,4 | 10/31/2006 | 1535 | Soil |
| 6110202-05 | SSC-9 Lot 9: samples 1,2,3,4 | 11/01/2006 | 1527 | Soil |
| 6110202-06 | SSC-8 Lot 8: samples 1,2,3,4 | 11/01/2006 | 1552 | Soil |
| 6110202-07 | SSC-7-E Lot 7: samples 5,6,7,8 | 11/01/2006 | 1334 | Soil |
| 6110202-08 | SSC-7-W Lot 7: samples 1,2,3,4 | 11/01/2006 | 1417 | Soil |
| 6110202-09 | SS-17-8 (6") | 10/31/2006 | 1105 | Soil |
| 6110202-11 | SS-17-7 (6") | 10/31/2006 | 1130 | Soil |
| 6110202-13 | SS-17-6 (6") | 10/31/2006 | 1145 | Soil |
| 6110202-15 | SS-17-5 (6") | 10/31/2006 | 1210 | Soil |
| 6110202-17 | SS-17-4 (6") | 10/31/2006 | 1306 | Soil |
| 6110202-19 | SS-17-1 (6") | 10/31/2006 | 1230 | Soil |
| 6110202-21 | SS-17-2 (6") | 10/31/2006 | 1240 | Soil |
| 6110202-23 | SS-17-3 (6") | 10/31/2006 | 1253 | Soil |
| 6110202-25 | SS-16-8 (6") | 10/31/2006 | 1356 | Soil |
| 6110202-27 | SS-16-7 (6") | 10/31/2006 | 1411 | Soil |
| 6110202-29 | SS-16-6 (6") | 10/31/2006 | 1426 | Soil |
| 6110202-31 | SS-16-5 (6") | 10/31/2006 | 1440 | Soil |
| 6110202-33 | SS-16-1 (6") | 10/31/2006 | 1455 | Soil |
| 6110202-35 | SS-16-2 (6") | 10/31/2006 | 1506 | Soil |
| 6110202-37 | SS-16-3 (6") | 10/31/2006 | 1521 | Soil |
| 6110202-39 | SS-16-4 (6") | 10/31/2006 | 1533 | Soil |
| 6110202-41 | SS-7-5 (6") | 11/01/2006 | 1255 | Soil |
| 6110202-43 | SS-7-6 (6") | 11/01/2006 | 1307 | Soil |
| 6110202-45 | SS-7-7 (6") | 11/01/2006 | 1321 | Soil |
| 6110202-47 | SS-7-8 (6") | 11/01/2006 | 1333 | Soil |
| 6110202-49 | SS-8-2 (6") | 11/01/2006 | 1445 | Soil |
| 6110202-51 | SS-8-4 (6") | 11/01/2006 | 1455 | Soil |
| 6110202-53 | SS-8-3 (6") | 11/01/2006 | 1536 | Soil |
| 6110202-55 | SS-9-1(6") | 11/01/2006 | 1525 | Soil |
| 6110202-57 | SS-9-2(6") | 11/01/2006 | 1502 | Soil |
| 6110202-59 | SS-7-4(6") | 11/01/2006 | 1344 | Soil |
| 6110202-61 | SS-7-3 (6") | 11/01/2006 | 1355 | Soil |
| 6110202-63 | SS-7-2 (6") | 11/01/2006 | 1409 | Soil |
| 6110202-65 | SS-7-1 (6") | 11/01/2006 | 1416 | Soil |
| 6110202-67 | SS-8-1(6") | 11/01/2006 | 1554 | Soil |
| 6110202-69 | SS-9-3 (6") | 11/01/2006 | 1513 | Soil |
| 6110202-71 | SS-9-4 (6") | 11/01/2006 | 1508 | Soil |
| 6110202-73 | Composite 1 (10,12,14, and 16) | 10/31/2006 | 0000 | Soil |
| 6110202-74 | Composite 2 (18,20,22, and 24) | 10/31/2006 | 0000 | Soil |

ORIGINAL

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| | | | | |
|------------|---------------------------------|------------|------|------|
| 6110202-75 | Composite 3 (26,28,30, and 32) | 10/31/2006 | 0000 | Soil |
| 6110202-76 | Composite 4 (34,36,38, and 40) | 10/31/2006 | 0000 | Soil |
| 6110202-77 | Composite 5 (42,44,46, and 48) | 10/31/2006 | 0000 | Soil |
| 6110202-78 | Composite 6 (50,52,54, and 68) | 11/01/2006 | 0000 | Soil |
| 6110202-79 | Composite 7 (60,62,64, and 66) | 11/01/2006 | 0000 | Soil |
| 6110202-80 | Composite 8 (56,58, 70, and 72) | 11/01/2006 | 0000 | Soil |

| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|------------------|--------|-----------|---------|-------|-----------------|------|-----------|
|------------------|--------|-----------|---------|-------|-----------------|------|-----------|

6110202-01 SAMPLE ID: SSC-17-E Lot 17: samples 5,6,7,8

Total Mercury by Cold Vapor Atomic Fluorescence

| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0126 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|------------------|-----------------|------------|------|-------|--------|-----|------------------|
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.419 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 28.6 | mg/kg | 0.838 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 140 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.084 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.558 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 13.4 | mg/kg | 0.084 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 6.4 | mg/kg | 0.84 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 22.6 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 13.2 | mg/kg | 0.0838 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 1.50 | mg/kg | 0.558 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 14.1 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | 1.5 | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.838 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 20 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 59.7 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.4 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.4 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.4 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.4 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.4 | | |
| | | 4,4-DDD | 170 | ug/kg | 17 | | |
| | | 4,4-DDE | 140 | ug/kg | 3.4 | | |
| | | 4,4-DDT | 210 | ug/kg | 6.8 | | |
| | | DIELDRIN | 200 | ug/kg | 3.4 | | |
| | | ENDOSULFAN I | ND | ug/kg | 8.5 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.8 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.8 | | |
| | | ENDRIN | ND | ug/kg | 3.4 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.5 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.8 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.4 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.4 | | |
| | | METHOXYCHLOR | ND | ug/kg | 34 | | |
| | | TOXAPHENE | ND | ug/kg | 68 | | |

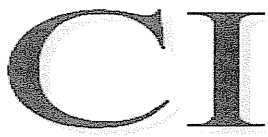
6110202-02 SAMPLE ID: SSC-17-W Lot 17: samples 1,2,3,4

Total Mercury by Cold Vapor Atomic Fluorescence

| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0124 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|------------|---------|-------|-----------------|------|------------------|
| 6110202-02 SAMPLE ID: SSC-17-W Lot 17: samples 1,2,3,4 | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.402 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 30.6 | mg/kg | 0.804 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 150 | mg/kg | 0.16 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.080 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.536 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 13.9 | mg/kg | 0.080 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 7.2 | mg/kg | 0.80 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 24.0 | mg/kg | 0.080 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 11.2 | mg/kg | 0.0804 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 2.28 | mg/kg | 0.536 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 12.7 | mg/kg | 0.080 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.804 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.19 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 23 | mg/kg | 0.027 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 65.3 | mg/kg | 0.027 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.4 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.4 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.4 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.4 | | |
| | | GAMMA-CHLORDANE | 160 | ug/kg | 3.4 | | |
| | | 4,4-DDD | 280 | ug/kg | 17 | | |
| | | 4,4-DDE | 150 | ug/kg | 3.4 | | |
| | | 4,4-DDT | 270 | ug/kg | 6.7 | | |
| | | DIELDRIN | 180 | ug/kg | 3.4 | | |
| | | ENDOSULFAN I | ND | ug/kg | 8.4 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.7 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.7 | | |
| | | ENDRIN | ND | ug/kg | 3.4 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.4 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.7 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.4 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.4 | | |
| | | METHOXYCHLOR | ND | ug/kg | 34 | | |
| | | TOXAPHENE | ND | ug/kg | 67 | | |

6110202-03 SAMPLE ID: SSC-16-E Lot 16: samples 5,6,7,8

Total Mercury by Cold Vapor Atomic Fluorescence

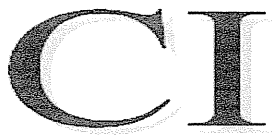
| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0134 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|-----------------|-----------------|-----------|------|-------|-------|-----|------------------|
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.421 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 21.7 | mg/kg | 0.841 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 130 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.084 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.561 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 13.4 | mg/kg | 0.084 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 6.2 | mg/kg | 0.84 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 26.8 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|------------|---------|-------|-----------------|------|------------------|
| 6110202-03 SAMPLE ID: SSC-16-E Lot 16: samples 5,6,7,8 | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| LEAD - ICP | EPA 200.7/6010B | LEAD | 13.9 | mg/kg | 0.0841 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | ND | mg/kg | 0.561 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 13.2 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.841 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 20 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 47.6 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 2.9 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.5 | | |
| | | BETA-BHC | ND | ug/kg | 2.9 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.5 | | |
| | | DELTA-BHC | ND | ug/kg | 2.9 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 2.9 | | |
| | | GAMMA-CHLORDANE | 150 | ug/kg | 2.9 | | |
| | | 4,4-DDD | 290 | ug/kg | 15 | | |
| | | 4,4-DDE | 170 | ug/kg | 2.9 | | |
| | | 4,4-DDT | 310 | ug/kg | 5.9 | | |
| | | DIELDRIN | 260 | ug/kg | 2.9 | | |
| | | ENDOSULFAN I | ND | ug/kg | 7.4 | | |
| | | ENDOSULFAN II | ND | ug/kg | 5.9 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 5.9 | | |
| | | ENDRIN | ND | ug/kg | 2.9 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 7.4 | | |
| | | ENDRIN KETONE | ND | ug/kg | 5.9 | | |
| | | HEPTACHLOR | ND | ug/kg | 2.9 | | |
| | | HEPTACHLOR EPOXIDE | 160 | ug/kg | 2.9 | | |
| | | METHOXYCHLOR | ND | ug/kg | 29 | | |
| | | TOXAPHENE | ND | ug/kg | 59 | | |

6110202-04 SAMPLE ID: SSC-16-W Lot 16: samples 1,2,3,4

Total Mercury by Cold Vapor Atomic Fluorescence

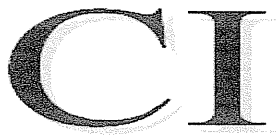
| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0118 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|------------------|-----------------|------------|------|-------|--------|-----|------------------|
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.426 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 55.8 | mg/kg | 0.852 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 340 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.085 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.568 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 20.2 | mg/kg | 0.085 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 14 | mg/kg | 0.85 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 20.4 | mg/kg | 0.085 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 8.98 | mg/kg | 0.0852 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 2.32 | mg/kg | 0.568 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 18.6 | mg/kg | 0.085 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.852 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 27 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 59.0 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-04 SAMPLE ID: SSC-16-W Lot 16: samples 1,2,3,4 | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.1 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.6 | | |
| | | BETA-BHC | ND | ug/kg | 3.1 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.6 | | |
| | | DELTA-BHC | ND | ug/kg | 3.1 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.1 | | |
| | | GAMMA-CHLORDANE | 190 | ug/kg | 3.1 | | |
| | | 4,4-DDD | 230 | ug/kg | 16 | | |
| | | 4,4-DDE | 130 | ug/kg | 3.1 | | |
| | | 4,4-DDT | 180 | ug/kg | 6.3 | | |
| | | DIELDRIN | 170 | ug/kg | 3.1 | | |
| | | ENDOSULFAN I | ND | ug/kg | 7.8 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.3 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.3 | | |
| | | ENDRIN | ND | ug/kg | 3.1 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 7.8 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.3 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.1 | | |
| | | HEPTACHLOR EPOXIDE | 120 | ug/kg | 3.1 | | |
| | | METHOXYCHLOR | ND | ug/kg | 31 | | |
| | | TOXAPHENE | ND | ug/kg | 63 | | |

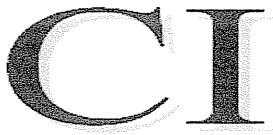
| | | | | | | | |
|---|----------------|---------|----|-------|--------|-----|------------------|
| 6110202-05 SAMPLE ID: SSC-9 Lot 9: samples 1,2,3,4 | | | | | | | |
| Total Mercury by Cold Vapor Atomic Fluorescence | | | | | | | |
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0117 | KEL | 11/06/2006 14:33 |

| | | | | | | | |
|--|-----------------|------------|-------|-------|--------|-----|------------------|
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.448 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 31.6 | mg/kg | 0.896 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 130 | mg/kg | 0.18 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.090 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.597 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 14.4 | mg/kg | 0.090 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 7.1 | mg/kg | 0.90 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 16.4 | mg/kg | 0.090 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 21.1 | mg/kg | 0.0896 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 0.833 | mg/kg | 0.597 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 14.2 | mg/kg | 0.090 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.2 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.896 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.21 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 23 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 44.5 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 2.9 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.4 | | |
| | | BETA-BHC | ND | ug/kg | 2.9 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.4 | | |
| | | DELTA-BHC | ND | ug/kg | 2.9 | | |
| | | ALPHA-CHLORDANE | 140 | ug/kg | 2.9 | | |
| | | GAMMA-CHLORDANE | 160 | ug/kg | 2.9 | | |
| | | 4,4-DDD | 340 | ug/kg | 14 | | |
| | | 4,4-DDE | 90 | ug/kg | 2.9 | | |
| | | 4,4-DDT | 370 | ug/kg | 5.7 | | |

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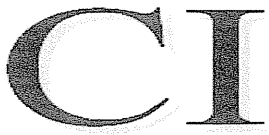
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-05 SAMPLE ID: SSC-9 Lot 9: samples 1,2,3,4 | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 240 | ug/kg | 2.9 | WWS | 11/07/2006 12:48 |
| | | ENDOSULFAN I | 110 | ug/kg | 7.2 | | |
| | | ENDOSULFAN II | ND | ug/kg | 5.7 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 5.7 | | |
| | | ENDRIN | ND | ug/kg | 2.9 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 7.2 | | |
| | | ENDRIN KETONE | ND | ug/kg | 5.7 | | |
| | | HEPTACHLOR | ND | ug/kg | 2.9 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 2.9 | | |
| | | METHOXYCHLOR | ND | ug/kg | 29 | | |
| | | TOXAPHENE | ND | ug/kg | 57 | | |

| | | | | | | | |
|---|-----------------|------------|------|-------|--------|-----|------------------|
| 6110202-06 SAMPLE ID: SSC-8 Lot 8: samples 1,2,3,4 | | | | | | | |
| Total Mercury by Cold Vapor Atomic Fluorescence | | | | | | | |
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0106 | KEL | 11/06/2006 14:33 |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.444 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 28.2 | mg/kg | 0.888 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 110 | mg/kg | 0.18 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.089 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.592 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 17.7 | mg/kg | 0.089 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 8.2 | mg/kg | 0.89 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 18.7 | mg/kg | 0.089 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 16.6 | mg/kg | 0.0888 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | ND | mg/kg | 0.592 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 15.3 | mg/kg | 0.089 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | 2.2 | mg/kg | 1.2 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.888 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.21 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 30 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 47.5 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 340 | ug/kg | 20 | | |
| | | 4,4-DDE | 89 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 320 | ug/kg | 8.0 | | |
| | | DIELDRIN | 230 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 10 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|------------------|--------|-----------|---------|-------|-----------------|------|-----------|
|------------------|--------|-----------|---------|-------|-----------------|------|-----------|

6110202-06 **SAMPLE ID: SSC-8 Lot 8: samples 1,2,3,4**
 Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|-----------|----|-------|----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | TOXAPHENE | ND | ug/kg | 80 | WWS | 11/07/2006 12:48 |
|-----------------|----------|-----------|----|-------|----|-----|------------------|

6110202-07 **SAMPLE ID: SSC-7-E Lot 7: samples 5,6,7,8**
 Total Mercury by Cold Vapor Atomic Fluorescence

| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0127 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|------------------|-----------------|------------|------|-------|-------|-----|------------------|
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.503 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 33.4 | mg/kg | 1.01 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 110 | mg/kg | 0.20 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.10 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.671 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 19.2 | mg/kg | 0.101 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 7.5 | mg/kg | 1.0 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 23.0 | mg/kg | 0.101 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 16.1 | mg/kg | 0.101 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 1.11 | mg/kg | 0.671 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 16.1 | mg/kg | 0.101 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.3 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 1.01 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.23 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 28 | mg/kg | 0.034 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 53.7 | mg/kg | 0.034 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.4 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.4 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.4 | | |
| | | ALPHA-CHLORDANE | 34 | ug/kg | 3.4 | | |
| | | GAMMA-CHLORDANE | 33 | ug/kg | 3.4 | | |
| | | 4,4-DDD | 51 | ug/kg | 17 | | |
| | | 4,4-DDE | 16 | ug/kg | 3.4 | | |
| | | 4,4-DDT | ND | ug/kg | 6.8 | | |
| | | DIELDRIN | 37 | ug/kg | 3.4 | | |
| | | ENDOSULFAN I | 20 | ug/kg | 8.4 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.8 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.8 | | |
| | | ENDRIN | ND | ug/kg | 3.4 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.4 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.8 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.4 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.4 | | |
| | | METHOXYCHLOR | ND | ug/kg | 34 | | |
| | | TOXAPHENE | ND | ug/kg | 68 | | |

6110202-08 **SAMPLE ID: SSC-7-W Lot 7: samples 1,2,3,4**

Total Mercury by Cold Vapor Atomic Fluorescence

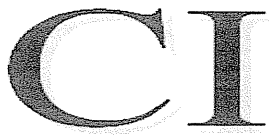
| | | | | | | | |
|---------------|----------------|---------|----|-------|---------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.00855 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|---------|-----|------------------|

Total Metals by inductively Coupled Plasma

| | | | | | | | |
|----------------|-----------------|----------|------|-------|-------|-----|------------------|
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.420 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 29.4 | mg/kg | 0.841 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 120 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|------------|---------|-------|-----------------|------|------------------|
| 6110202-08 SAMPLE ID: SSC-7-W Lot 7: samples 1,2,3,4 | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| BERYLLIUM - ICP | EPA 200.7/6010B | BERYLLIUM | ND | mg/kg | 0.084 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.560 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 19.0 | mg/kg | 0.084 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 8.3 | mg/kg | 0.84 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 21.4 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 17.5 | mg/kg | 0.0841 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 0.824 | mg/kg | 0.560 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 17.6 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.841 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 27 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 55.7 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 400 | ug/kg | 20 | | |
| | | 4,4-DDE | 91 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 330 | ug/kg | 8.0 | | |
| | | DIELDRIN | 310 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 10 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

6110202-09 SAMPLE ID: SS-17-8 (6")

Total Metals by Inductively Coupled Plasma

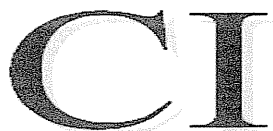
| | | | | | | | |
|---------------|-----------------|---------|------|-------|------|-----|------------------|
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.8 | mg/kg | 1.01 | KEL | 11/13/2006 11:47 |
|---------------|-----------------|---------|------|-------|------|-----|------------------|

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 39 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 100 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 150 | ug/kg | 8.0 | | |
| | | DIELDRIN | 110 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |

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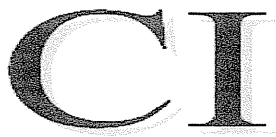
| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-09 SAMPLE ID: SS-17-8 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-11 SAMPLE ID: SS-17-7 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.4 | mg/kg | 0.994 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 75 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 70 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 120 | ug/kg | 8.0 | | |
| | | DIELDRIN | 54 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 23 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-13 SAMPLE ID: SS-17-6 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.6 | mg/kg | 0.896 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 120 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 77 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 200 | ug/kg | 8.0 | | |
| | | DIELDRIN | 83 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |

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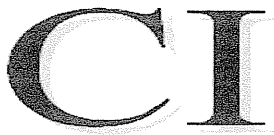
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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-13 SAMPLE ID: SS-17-6 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-15 SAMPLE ID: SS-17-5 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 25.3 | mg/kg | 1.06 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 220 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 130 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 480 | ug/kg | 8.0 | | |
| | | DIELDRIN | 970 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-17 SAMPLE ID: SS-17-4 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 27.3 | mg/kg | 0.909 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 140 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 110 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 210 | ug/kg | 8.0 | | |
| | | DIELDRIN | 270 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-19 SAMPLE ID: SS-17-1 (6") | | | | | | | |

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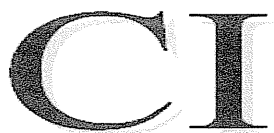
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-19 SAMPLE ID: SS-17-1 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.1 | mg/kg | 0.956 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 230 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 96 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 440 | ug/kg | 8.0 | | |
| | | DIELDRIN | 350 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-21 SAMPLE ID: SS-17-2 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.7 | mg/kg | 1.00 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 150 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 95 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 270 | ug/kg | 8.0 | | |
| | | DIELDRIN | 180 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|-----------|------|-------|------|-----|------------------|
| 6110202-23 SAMPLE ID: SS-17-3 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.2 | mg/kg | 1.01 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 1.8 | | |

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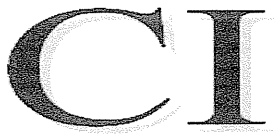
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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-23 SAMPLE ID: SS-17-3 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | BETA-BHC | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.8 | | |
| | | DELTA-BHC | ND | ug/kg | 3.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDD | 160 | ug/kg | 7.3 | | |
| | | 4,4-DDE | 110 | ug/kg | 3.6 | | |
| | | 4,4-DDT | 240 | ug/kg | 7.3 | | |
| | | DIELDRIN | 540 | ug/kg | 3.6 | | |
| | | ENDOSULFAN I | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 7.3 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 7.3 | | |
| | | ENDRIN | ND | ug/kg | 3.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 9.1 | | |
| | | ENDRIN KETONE | ND | ug/kg | 7.3 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 36 | | |
| | | TOXAPHENE | ND | ug/kg | 73 | | |
| 6110202-25 SAMPLE ID: SS-16-8 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.1 | mg/kg | 0.834 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 210 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 290 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 490 | ug/kg | 8.0 | | |
| | | DIELDRIN | 260 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-27 SAMPLE ID: SS-16-7 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.3 | mg/kg | 1.00 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |

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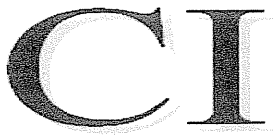
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------------------|---------|-------|-----------------|------|------------------|
| 6110202-27 | | SAMPLE ID: SS-16-7 (6") | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | 4,4-DDD | 120 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 180 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 230 | ug/kg | 8.0 | | |
| | | DIELDRIN | 350 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|--------------------------------|------|-------|-------|-----|------------------|
| 6110202-29 | | SAMPLE ID: SS-16-6 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 23.6 | mg/kg | 0.960 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 230 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 39 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 240 | ug/kg | 8.0 | | |
| | | DIELDRIN | 550 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|--------------------------------|------|-------|-------|-----|------------------|
| 6110202-31 | | SAMPLE ID: SS-16-5 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.2 | mg/kg | 0.898 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.4 | | |
| | | BETA-BHC | ND | ug/kg | 4.7 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.4 | | |
| | | DELTA-BHC | ND | ug/kg | 4.7 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDD | 250 | ug/kg | 9.5 | | |
| | | 4,4-DDE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDT | 480 | ug/kg | 9.5 | | |

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| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------------------|---------|-------|-----------------|------|------------------|
| 6110202-31 | | SAMPLE ID: SS-16-5 (6") | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 580 | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ENDOSULFAN I | ND | ug/kg | 4.7 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.5 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.5 | | |
| | | ENDRIN | ND | ug/kg | 4.7 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 12 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.5 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.7 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.7 | | |
| | | METHOXYCHLOR | ND | ug/kg | 47 | | |
| | | TOXAPHENE | ND | ug/kg | 95 | | |

| | | | | | | | |
|--|-----------------|--------------------------------|------|-------|------|-----|------------------|
| 6110202-33 | | SAMPLE ID: SS-16-1 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.7 | mg/kg | 1.04 | KEL | 11/13/2006 13:25 |

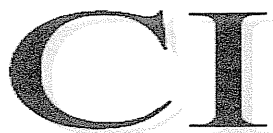
| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 92 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 40 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 180 | ug/kg | 8.0 | | |
| | | DIELDRIN | 340 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|--------------------------------|------|-------|-------|-----|------------------|
| 6110202-35 | | SAMPLE ID: SS-16-2 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 27.8 | mg/kg | 0.889 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 97 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 93 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 200 | ug/kg | 8.0 | | |
| | | DIELDRIN | 210 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |

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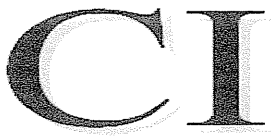
| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------------------|---------|-------|-----------------|------|------------------|
| 6110202-35 | | SAMPLE ID: SS-16-2 (6") | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|--------------------------------|------|-------|-------|-----|------------------|
| 6110202-37 | | SAMPLE ID: SS-16-3 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.2 | mg/kg | 0.860 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 80 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 55 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 99 | ug/kg | 8.0 | | |
| | | DIELDRIN | 100 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|--------------------------------|------|-------|-------|-----|------------------|
| 6110202-39 | | SAMPLE ID: SS-16-4 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.4 | mg/kg | 0.904 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 99 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 67 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 110 | ug/kg | 8.0 | | |
| | | DIELDRIN | 140 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |

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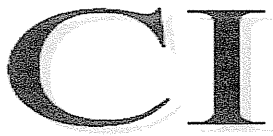
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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-39 SAMPLE ID: SS-16-4 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-41 SAMPLE ID: SS-7-5 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.2 | mg/kg | 1.03 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 25 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 59 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 36 | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-43 SAMPLE ID: SS-7-6 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 32.3 | mg/kg | 0.892 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 67 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 15 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 53 | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 52 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-45 SAMPLE ID: SS-7-7 (6") | | | | | | | |

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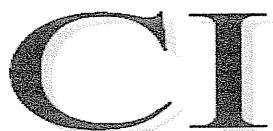
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|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-45 SAMPLE ID: SS-7-7 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 42.0 | mg/kg | 0.888 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 5.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.5 | | |
| | | BETA-BHC | ND | ug/kg | 5.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.5 | | |
| | | DELTA-BHC | ND | ug/kg | 5.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 5.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 5.0 | | |
| | | 4,4-DDD | ND | ug/kg | 10 | | |
| | | 4,4-DDE | ND | ug/kg | 5.0 | | |
| | | 4,4-DDT | ND | ug/kg | 10 | | |
| | | DIELDRIN | ND | ug/kg | 5.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 5.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 10 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 10 | | |
| | | ENDRIN | ND | ug/kg | 5.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 13 | | |
| | | ENDRIN KETONE | ND | ug/kg | 10 | | |
| | | HEPTACHLOR | ND | ug/kg | 5.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 5.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 50 | | |
| | | TOXAPHENE | ND | ug/kg | 100 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-47 SAMPLE ID: SS-7-8 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 34.9 | mg/kg | 0.927 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.3 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.3 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.3 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.3 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.3 | | |
| | | 4,4-DDD | ND | ug/kg | 6.6 | | |
| | | 4,4-DDE | ND | ug/kg | 3.3 | | |
| | | 4,4-DDT | ND | ug/kg | 6.6 | | |
| | | DIELDRIN | ND | ug/kg | 3.3 | | |
| | | ENDOSULFAN I | ND | ug/kg | 3.3 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.6 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.6 | | |
| | | ENDRIN | ND | ug/kg | 3.3 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.3 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.6 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.3 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.3 | | |
| | | METHOXYCHLOR | ND | ug/kg | 33 | | |
| | | TOXAPHENE | ND | ug/kg | 66 | | |

| | | | | | | | |
|--|-----------------|-----------|------|-------|-------|-----|------------------|
| 6110202-49 SAMPLE ID: SS-8-2 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 36.3 | mg/kg | 0.893 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 1.8 | | |

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| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-49 SAMPLE ID: SS-8-2 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | BETA-BHC | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.8 | | |
| | | DELTA-BHC | ND | ug/kg | 3.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDD | 80 | ug/kg | 7.2 | | |
| | | 4,4-DDE | 76 | ug/kg | 3.6 | | |
| | | 4,4-DDT | 80 | ug/kg | 7.2 | | |
| | | DIELDRIN | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN I | 18 | ug/kg | 3.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 7.2 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 7.2 | | |
| | | ENDRIN | ND | ug/kg | 3.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 9.0 | | |
| | | ENDRIN KETONE | ND | ug/kg | 7.2 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 36 | | |
| | | TOXAPHENE | ND | ug/kg | 72 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-51 SAMPLE ID: SS-8-4 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 32.2 | mg/kg | 0.857 | KEL | 11/13/2006 13:25 |

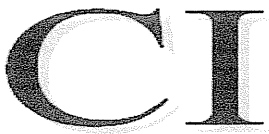
| | | | | | | | |
|--|----------|---------------------|----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 45 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 71 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 67 | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-53 SAMPLE ID: SS-8-3 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 34.6 | mg/kg | 0.858 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |

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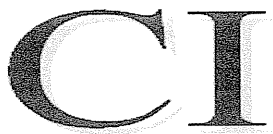
| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|-------------------------------|---------|-------|-----------------|------|------------------|
| 6110202-53 | | SAMPLE ID: SS-8-3 (6") | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | 4,4-DDD | 49 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 57 | ug/kg | 8.0 | | |
| | | DIELDRIN | 14 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|------------------------------|------|-------|-------|-----|------------------|
| 6110202-55 | | SAMPLE ID: SS-9-1(6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 35.5 | mg/kg | 0.872 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 87 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 130 | ug/kg | 8.0 | | |
| | | DIELDRIN | 280 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 55 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|------------------------------|------|-------|-------|-----|------------------|
| 6110202-57 | | SAMPLE ID: SS-9-2(6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 38.8 | mg/kg | 0.965 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.9 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.4 | | |
| | | BETA-BHC | ND | ug/kg | 4.9 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.4 | | |
| | | DELTA-BHC | ND | ug/kg | 4.9 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.9 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.9 | | |
| | | 4,4-DDD | 150 | ug/kg | 9.7 | | |
| | | 4,4-DDE | ND | ug/kg | 4.9 | | |
| | | 4,4-DDT | 240 | ug/kg | 9.7 | | |

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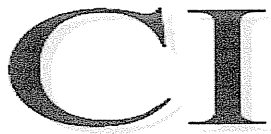
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|------------------------------|---------|-------|-----------------|------|------------------|
| 6110202-57 | | SAMPLE ID: SS-9-2(6") | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 310 | ug/kg | 4.9 | WWS | 11/20/2006 11:15 |
| | | ENDOSULFAN I | 120 | ug/kg | 4.9 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.7 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.7 | | |
| | | ENDRIN | ND | ug/kg | 4.9 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 12 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.7 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.9 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.9 | | |
| | | METHOXYCHLOR | ND | ug/kg | 49 | | |
| | | TOXAPHENE | ND | ug/kg | 97 | | |

| | | | | | | | |
|--|-----------------|------------------------------|------|-------|-------|-----|------------------|
| 6110202-59 | | SAMPLE ID: SS-7-4(6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.5 | mg/kg | 0.965 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 66 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 61 | ug/kg | 8.0 | | |
| | | DIELDRIN | 68 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 33 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|-------------------------------|------|-------|-------|-----|------------------|
| 6110202-61 | | SAMPLE ID: SS-7-3 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 35.1 | mg/kg | 0.885 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.4 | | |
| | | BETA-BHC | ND | ug/kg | 4.7 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.4 | | |
| | | DELTA-BHC | ND | ug/kg | 4.7 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDD | 92 | ug/kg | 9.5 | | |
| | | 4,4-DDE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDT | 71 | ug/kg | 9.5 | | |
| | | DIELDRIN | 39 | ug/kg | 4.7 | | |
| | | ENDOSULFAN I | 110 | ug/kg | 4.7 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.5 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.5 | | |

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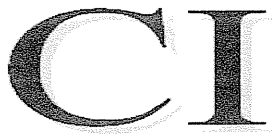
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| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-61 SAMPLE ID: SS-7-3 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 12 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.5 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.7 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.7 | | |
| | | METHOXYCHLOR | ND | ug/kg | 47 | | |
| | | TOXAPHENE | ND | ug/kg | 95 | | |
| 6110202-63 SAMPLE ID: SS-7-2 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 38.8 | mg/kg | 0.879 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 57 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 73 | ug/kg | 8.0 | | |
| | | DIELDRIN | 62 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 31 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-65 SAMPLE ID: SS-7-1 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.2 | mg/kg | 0.967 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.5 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.3 | | |
| | | BETA-BHC | ND | ug/kg | 4.5 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.3 | | |
| | | DELTA-BHC | ND | ug/kg | 4.5 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.5 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.5 | | |
| | | 4,4-DDD | 52 | ug/kg | 9.1 | | |
| | | 4,4-DDE | ND | ug/kg | 4.5 | | |
| | | 4,4-DDT | 60 | ug/kg | 9.1 | | |
| | | DIELDRIN | 17 | ug/kg | 4.5 | | |
| | | ENDOSULFAN I | 21 | ug/kg | 4.5 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.1 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.1 | | |
| | | ENDRIN | ND | ug/kg | 4.5 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 11 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.1 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.5 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|-------------------------------|---------|-------|-----------------|------|------------------|
| 6110202-65 | | SAMPLE ID: SS-7-1 (6") | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.5 | WWS | 11/20/2006 11:15 |
| | | METHOXYCHLOR | ND | ug/kg | 45 | | |
| | | TOXAPHENE | ND | ug/kg | 91 | | |

| | | | | | | | |
|--|-----------------|------------------------------|------|-------|------|-----|------------------|
| 6110202-67 | | SAMPLE ID: SS-8-1(6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 37.5 | mg/kg | 1.06 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 84 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 110 | ug/kg | 8.0 | | |
| | | DIELDRIN | 140 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 32 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

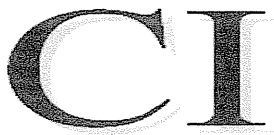
| | | | | | | | |
|--|-----------------|-------------------------------|------|-------|-------|-----|------------------|
| 6110202-69 | | SAMPLE ID: SS-9-3 (6") | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.3 | mg/kg | 0.987 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 100 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 130 | ug/kg | 8.0 | | |
| | | DIELDRIN | 140 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 64 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|-------------------|--|-------------------------------|--|--|--|--|--|
| 6110202-71 | | SAMPLE ID: SS-9-4 (6") | | | | | |
|-------------------|--|-------------------------------|--|--|--|--|--|

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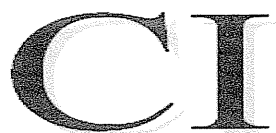
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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-71 SAMPLE ID: SS-9-4 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 33.4 | mg/kg | 0.914 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.6 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.3 | | |
| | | BETA-BHC | ND | ug/kg | 4.6 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.3 | | |
| | | DELTA-BHC | ND | ug/kg | 4.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.6 | | |
| | | 4,4-DDD | 69 | ug/kg | 9.1 | | |
| | | 4,4-DDE | ND | ug/kg | 4.6 | | |
| | | 4,4-DDT | 79 | ug/kg | 9.1 | | |
| | | DIELDRIN | 24 | ug/kg | 4.6 | | |
| | | ENDOSULFAN I | 35 | ug/kg | 4.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.1 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.1 | | |
| | | ENDRIN | ND | ug/kg | 4.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 11 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.1 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 46 | | |
| | | TOXAPHENE | ND | ug/kg | 91 | | |
| 6110202-73 SAMPLE ID: Composite 1 (10,12,14, and 16) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 24.1 | mg/kg | 1.02 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-74 SAMPLE ID: Composite 2 (18,20,22, and 24) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.5 | mg/kg | 0.939 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |

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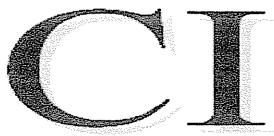
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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-74 SAMPLE ID: Composite 2 (18,20,22, and 24) | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | BETA-BHC | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-75 SAMPLE ID: Composite 3 (26,28,30, and 32) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 27.7 | mg/kg | 1.14 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |
| 6110202-76 SAMPLE ID: Composite 4 (34,36,38, and 40) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 23.7 | mg/kg | 0.999 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |

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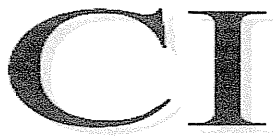
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-76 SAMPLE ID: Composite 4 (34,36,38, and 40) | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-77 SAMPLE ID: Composite 5 (42,44,46, and 48) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.9 | mg/kg | 1.02 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-78 SAMPLE ID: Composite 6 (50,52,54, and 68) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.0 | mg/kg | 0.941 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 9.4 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 9.7 | ug/kg | 8.0 | | |

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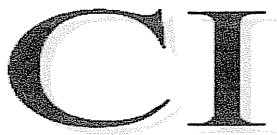
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-78 SAMPLE ID: Composite 6 (50,52,54, and 68) | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 10 | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-79 SAMPLE ID: Composite 7 (60,62,64, and 66) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.8 | mg/kg | 0.930 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.6 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 1.8 | | |
| | | BETA-BHC | ND | ug/kg | 3.6 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.8 | | |
| | | DELTA-BHC | ND | ug/kg | 3.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDD | ND | ug/kg | 7.2 | | |
| | | 4,4-DDE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDT | ND | ug/kg | 7.2 | | |
| | | DIELDRIN | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN I | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 7.2 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 7.2 | | |
| | | ENDRIN | ND | ug/kg | 3.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 9.0 | | |
| | | ENDRIN KETONE | ND | ug/kg | 7.2 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 36 | | |
| | | TOXAPHENE | ND | ug/kg | 72 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-80 SAMPLE ID: Composite 8 (56,58, 70, and 72) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 35.0 | mg/kg | 1.01 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|--|--------------------|---------|-------|--------------------|------|------------------|
| 6110202-80 | SAMPLE ID: Composite 8 (56,58, 70, and 72) | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

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CLIENT: GeoDesign, Inc.
 ATTN: Bob Janak
 15575 SW Sequoia Parkway, Suite 100
 Portland OR, 97224

PROJECT NAME: Townsend Farms

PHONE: (505) 968-8787
 FAX: (503) 968-3068

SUBMITTED: 11/02/06 10:50

REPORT DATE: 11/27/06 08:13

REPORT NUMBER: 6110202

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| CI SAMPLE | CLIENTS ID# | DATE | TIME | MATRIX |
|------------|----------------------------------|------------|------|--------|
| 6110202-01 | SSC-17-E Lot 17: samples 5,6,7,8 | 10/31/2006 | 1215 | Soil |
| 6110202-02 | SSC-17-W Lot 17: samples 1,2,3,4 | 10/31/2006 | 1309 | Soil |
| 6110202-03 | SSC-16-E Lot 16: samples 5,6,7,8 | 10/31/2006 | 1442 | Soil |
| 6110202-04 | SSC-16-W Lot 16: samples 1,2,3,4 | 10/31/2006 | 1535 | Soil |
| 6110202-05 | SSC-9 Lot 9: samples 1,2,3,4 | 11/01/2006 | 1527 | Soil |
| 6110202-06 | SSC-8 Lot 8: samples 1,2,3,4 | 11/01/2006 | 1552 | Soil |
| 6110202-07 | SSC-7-E Lot 7: samples 5,6,7,8 | 11/01/2006 | 1334 | Soil |
| 6110202-08 | SSC-7-W Lot 7: samples 1,2,3,4 | 11/01/2006 | 1417 | Soil |
| 6110202-09 | SS-17-8 (6") | 10/31/2006 | 1105 | Soil |
| 6110202-11 | SS-17-7 (6") | 10/31/2006 | 1130 | Soil |
| 6110202-13 | SS-17-6 (6") | 10/31/2006 | 1145 | Soil |
| 6110202-15 | SS-17-5 (6") | 10/31/2006 | 1210 | Soil |
| 6110202-17 | SS-17-4 (6") | 10/31/2006 | 1306 | Soil |
| 6110202-19 | SS-17-1 (6") | 10/31/2006 | 1230 | Soil |
| 6110202-21 | SS-17-2 (6") | 10/31/2006 | 1240 | Soil |
| 6110202-23 | SS-17-3 (6") | 10/31/2006 | 1253 | Soil |
| 6110202-25 | SS-16-8 (6") | 10/31/2006 | 1356 | Soil |
| 6110202-27 | SS-16-7 (6") | 10/31/2006 | 1411 | Soil |
| 6110202-29 | SS-16-6 (6") | 10/31/2006 | 1426 | Soil |
| 6110202-31 | SS-16-5 (6") | 10/31/2006 | 1440 | Soil |
| 6110202-33 | SS-16-1 (6") | 10/31/2006 | 1455 | Soil |
| 6110202-35 | SS-16-2 (6") | 10/31/2006 | 1506 | Soil |
| 6110202-37 | SS-16-3 (6") | 10/31/2006 | 1521 | Soil |
| 6110202-39 | SS-16-4 (6") | 10/31/2006 | 1533 | Soil |
| 6110202-41 | SS-7-5 (6") | 11/01/2006 | 1255 | Soil |
| 6110202-43 | SS-7-6 (6") | 11/01/2006 | 1307 | Soil |
| 6110202-45 | SS-7-7 (6") | 11/01/2006 | 1321 | Soil |
| 6110202-47 | SS-7-8 (6") | 11/01/2006 | 1333 | Soil |
| 6110202-49 | SS-8-2 (6") | 11/01/2006 | 1445 | Soil |
| 6110202-51 | SS-8-4 (6") | 11/01/2006 | 1455 | Soil |
| 6110202-53 | SS-8-3 (6") | 11/01/2006 | 1536 | Soil |
| 6110202-55 | SS-9-1(6") | 11/01/2006 | 1525 | Soil |
| 6110202-57 | SS-9-2(6") | 11/01/2006 | 1502 | Soil |
| 6110202-59 | SS-7-4(6") | 11/01/2006 | 1344 | Soil |
| 6110202-61 | SS-7-3 (6") | 11/01/2006 | 1355 | Soil |
| 6110202-63 | SS-7-2 (6") | 11/01/2006 | 1409 | Soil |
| 6110202-65 | SS-7-1 (6") | 11/01/2006 | 1416 | Soil |
| 6110202-67 | SS-8-1(6") | 11/01/2006 | 1554 | Soil |
| 6110202-69 | SS-9-3 (6") | 11/01/2006 | 1513 | Soil |
| 6110202-71 | SS-9-4 (6") | 11/01/2006 | 1508 | Soil |
| 6110202-73 | Composite 1 (10,12,14, and 16) | 10/31/2006 | 0000 | Soil |
| 6110202-74 | Composite 2 (18,20,22, and 24) | 10/31/2006 | 0000 | Soil |

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| | | | | |
|------------|---------------------------------|------------|------|------|
| 6110202-75 | Composite 3 (26,28,30, and 32) | 10/31/2006 | 0000 | Soil |
| 6110202-76 | Composite 4 (34,36,38, and 40) | 10/31/2006 | 0000 | Soil |
| 6110202-77 | Composite 5 (42,44,46, and 48) | 10/31/2006 | 0000 | Soil |
| 6110202-78 | Composite 6 (50,52,54, and 68) | 11/01/2006 | 0000 | Soil |
| 6110202-79 | Composite 7 (60,62,64, and 66) | 11/01/2006 | 0000 | Soil |
| 6110202-80 | Composite 8 (56,58, 70, and 72) | 11/01/2006 | 0000 | Soil |

| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|------------|---------|-------|-----------------|------|------------------|
| 6110202-01 SAMPLE ID: SSC-17-E Lot 17: samples 5,6,7,8 | | | | | | | |
| Total Mercury by Cold Vapor Atomic Fluorescence | | | | | | | |
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0126 | KEL | 11/06/2006 14:33 |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.419 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 28.6 | mg/kg | 0.838 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 140 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.084 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.558 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 13.4 | mg/kg | 0.084 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 6.4 | mg/kg | 0.84 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 22.6 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 13.2 | mg/kg | 0.0838 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 1.50 | mg/kg | 0.558 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 14.1 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | 1.5 | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.838 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 20 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 59.7 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| PESTICIDES | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|-----------------|----------|---------------------|---------|-------|-----------------|------|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.4 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.4 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.4 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.4 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.4 | | |
| | | 4,4-DDD | 170 | ug/kg | 17 | | |
| | | 4,4-DDE | 140 | ug/kg | 3.4 | | |
| | | 4,4-DDT | 210 | ug/kg | 6.8 | | |
| | | DIELDRIN | 200 | ug/kg | 3.4 | | |
| | | ENDOSULFAN I | ND | ug/kg | 8.5 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.8 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.8 | | |
| | | ENDRIN | ND | ug/kg | 3.4 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.5 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.8 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.4 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.4 | | |
| | | METHOXYCHLOR | ND | ug/kg | 34 | | |
| | | TOXAPHENE | ND | ug/kg | 68 | | |

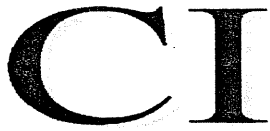
6110202-02 SAMPLE ID: SSC-17-W Lot 17: samples 1,2,3,4

Total Mercury by Cold Vapor Atomic Fluorescence

| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0124 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|------------|---------|-------|-----------------|------|------------------|
| 6110202-02 SAMPLE ID: SSC-17-W Lot 17: samples 1,2,3,4 | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.402 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 30.6 | mg/kg | 0.804 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 150 | mg/kg | 0.16 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.080 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.536 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 13.9 | mg/kg | 0.080 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 7.2 | mg/kg | 0.80 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 24.0 | mg/kg | 0.080 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 11.2 | mg/kg | 0.0804 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 2.28 | mg/kg | 0.536 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 12.7 | mg/kg | 0.080 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.804 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.19 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 23 | mg/kg | 0.027 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 65.3 | mg/kg | 0.027 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.4 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.4 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.4 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.4 | | |
| | | GAMMA-CHLORDANE | 160 | ug/kg | 3.4 | | |
| | | 4,4-DDD | 280 | ug/kg | 17 | | |
| | | 4,4-DDE | 150 | ug/kg | 3.4 | | |
| | | 4,4-DDT | 270 | ug/kg | 6.7 | | |
| | | DIELDRIN | 180 | ug/kg | 3.4 | | |
| | | ENDOSULFAN I | ND | ug/kg | 8.4 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.7 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.7 | | |
| | | ENDRIN | ND | ug/kg | 3.4 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.4 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.7 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.4 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.4 | | |
| | | METHOXYCHLOR | ND | ug/kg | 34 | | |
| | | TOXAPHENE | ND | ug/kg | 67 | | |

6110202-03 SAMPLE ID: SSC-16-E Lot 16: samples 5,6,7,8

Total Mercury by Cold Vapor Atomic Fluorescence

| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0134 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|-----------------|-----------------|-----------|------|-------|-------|-----|------------------|
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.421 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 21.7 | mg/kg | 0.841 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 130 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.084 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.561 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 13.4 | mg/kg | 0.084 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 6.2 | mg/kg | 0.84 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 26.8 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |

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| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|------------|---------|-------|-----------------|------|------------------|
| 6110202-03 SAMPLE ID: SSC-16-E Lot 16: samples 5,6,7,8 | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| LEAD - ICP | EPA 200.7/6010B | LEAD | 13.9 | mg/kg | 0.0841 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | ND | mg/kg | 0.561 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 13.2 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.841 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 20 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 47.6 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 2.9 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.5 | | |
| | | BETA-BHC | ND | ug/kg | 2.9 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.5 | | |
| | | DELTA-BHC | ND | ug/kg | 2.9 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 2.9 | | |
| | | GAMMA-CHLORDANE | 150 | ug/kg | 2.9 | | |
| | | 4,4-DDD | 290 | ug/kg | 15 | | |
| | | 4,4-DDE | 170 | ug/kg | 2.9 | | |
| | | 4,4-DDT | 310 | ug/kg | 5.9 | | |
| | | DIELDRIN | 260 | ug/kg | 2.9 | | |
| | | ENDOSULFAN I | ND | ug/kg | 7.4 | | |
| | | ENDOSULFAN II | ND | ug/kg | 5.9 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 5.9 | | |
| | | ENDRIN | ND | ug/kg | 2.9 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 7.4 | | |
| | | ENDRIN KETONE | ND | ug/kg | 5.9 | | |
| | | HEPTACHLOR | ND | ug/kg | 2.9 | | |
| | | HEPTACHLOR EPOXIDE | 160 | ug/kg | 2.9 | | |
| | | METHOXYCHLOR | ND | ug/kg | 29 | | |
| | | TOXAPHENE | ND | ug/kg | 59 | | |

6110202-04 SAMPLE ID: SSC-16-W Lot 16: samples 1,2,3,4

Total Mercury by Cold Vapor Atomic Fluorescence

| | | | | | | | |
|---------------|----------------|---------|----|-------|--------|-----|------------------|
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0118 | KEL | 11/06/2006 14:33 |
|---------------|----------------|---------|----|-------|--------|-----|------------------|

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|------------------|-----------------|------------|------|-------|--------|-----|------------------|
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.426 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 55.8 | mg/kg | 0.852 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 340 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.085 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.568 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 20.2 | mg/kg | 0.085 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 14 | mg/kg | 0.85 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 20.4 | mg/kg | 0.085 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 8.98 | mg/kg | 0.0852 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 2.32 | mg/kg | 0.568 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 18.6 | mg/kg | 0.085 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.852 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 27 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 59.0 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

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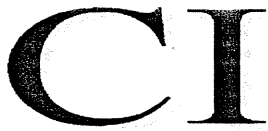
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-04 SAMPLE ID: SSC-16-W Lot 16: samples 1,2,3,4 | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.1 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.6 | | |
| | | BETA-BHC | ND | ug/kg | 3.1 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.6 | | |
| | | DELTA-BHC | ND | ug/kg | 3.1 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.1 | | |
| | | GAMMA-CHLORDANE | 190 | ug/kg | 3.1 | | |
| | | 4,4-DDD | 230 | ug/kg | 16 | | |
| | | 4,4-DDE | 130 | ug/kg | 3.1 | | |
| | | 4,4-DDT | 180 | ug/kg | 6.3 | | |
| | | DIELDRIN | 170 | ug/kg | 3.1 | | |
| | | ENDOSULFAN I | ND | ug/kg | 7.8 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.3 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.3 | | |
| | | ENDRIN | ND | ug/kg | 3.1 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 7.8 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.3 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.1 | | |
| | | HEPTACHLOR EPOXIDE | 120 | ug/kg | 3.1 | | |
| | | METHOXYCHLOR | ND | ug/kg | 31 | | |
| | | TOXAPHENE | ND | ug/kg | 63 | | |

| | | | | | | | |
|---|-----------------|------------|-------|-------|--------|-----|------------------|
| 6110202-05 SAMPLE ID: SSC-9 Lot 9: samples 1,2,3,4 | | | | | | | |
| Total Mercury by Cold Vapor Atomic Fluorescence | | | | | | | |
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0117 | KEL | 11/06/2006 14:33 |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.448 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 31.6 | mg/kg | 0.896 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 130 | mg/kg | 0.18 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.090 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.597 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 14.4 | mg/kg | 0.090 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 7.1 | mg/kg | 0.90 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 16.4 | mg/kg | 0.090 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 21.1 | mg/kg | 0.0896 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 0.833 | mg/kg | 0.597 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 14.2 | mg/kg | 0.090 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.2 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.896 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.21 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 23 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 44.5 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 2.9 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.4 | | |
| | | BETA-BHC | ND | ug/kg | 2.9 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.4 | | |
| | | DELTA-BHC | ND | ug/kg | 2.9 | | |
| | | ALPHA-CHLORDANE | 140 | ug/kg | 2.9 | | |
| | | GAMMA-CHLORDANE | 160 | ug/kg | 2.9 | | |
| | | 4,4-DDD | 340 | ug/kg | 14 | | |
| | | 4,4-DDE | 90 | ug/kg | 2.9 | | |
| | | 4,4-DDT | 370 | ug/kg | 5.7 | | |

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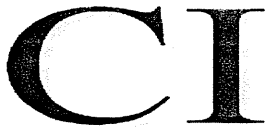
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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|--------------------|------|------------------|
| 6110202-05 SAMPLE ID: SSC-9 Lot 9: samples 1,2,3,4 | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 240 | ug/kg | 2.9 | WWS | 11/07/2006 12:48 |
| | | ENDOSULFAN I | 110 | ug/kg | 7.2 | | |
| | | ENDOSULFAN II | ND | ug/kg | 5.7 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 5.7 | | |
| | | ENDRIN | ND | ug/kg | 2.9 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 7.2 | | |
| | | ENDRIN KETONE | ND | ug/kg | 5.7 | | |
| | | HEPTACHLOR | ND | ug/kg | 2.9 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 2.9 | | |
| | | METHOXYCHLOR | ND | ug/kg | 29 | | |
| | | TOXAPHENE | ND | ug/kg | 57 | | |
| 6110202-06 SAMPLE ID: SSC-8 Lot 8: samples 1,2,3,4 | | | | | | | |
| Total Mercury by Cold Vapor Atomic Fluorescence | | | | | | | |
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0106 | KEL | 11/06/2006 14:33 |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.444 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 28.2 | mg/kg | 0.888 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 110 | mg/kg | 0.18 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.089 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.592 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 17.7 | mg/kg | 0.089 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 8.2 | mg/kg | 0.89 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 18.7 | mg/kg | 0.089 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 16.6 | mg/kg | 0.0888 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | ND | mg/kg | 0.592 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 15.3 | mg/kg | 0.089 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | 2.2 | mg/kg | 1.2 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.888 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.21 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 30 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 47.5 | mg/kg | 0.030 | KEL | 11/06/2006 12:51 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 340 | ug/kg | 20 | | |
| | | 4,4-DDE | 89 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 320 | ug/kg | 8.0 | | |
| | | DIELDRIN | 230 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 10 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |

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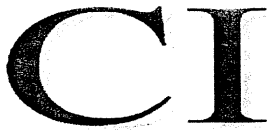
REPORT NUMBER: 6110202

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-06 SAMPLE ID: SSC-8 Lot 8: samples 1,2,3,4 | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | TOXAPHENE | ND | ug/kg | 80 | WWS | 11/07/2006 12:48 |
| 6110202-07 SAMPLE ID: SSC-7-E Lot 7: samples 5,6,7,8 | | | | | | | |
| Total Mercury by Cold Vapor Atomic Fluorescence | | | | | | | |
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.0127 | KEL | 11/06/2006 14:33 |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.503 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 33.4 | mg/kg | 1.01 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 110 | mg/kg | 0.20 | KEL | 11/06/2006 13:37 |
| BERYLLIUM - ICP | | BERYLLIUM | ND | mg/kg | 0.10 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.671 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 19.2 | mg/kg | 0.101 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 7.5 | mg/kg | 1.0 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 23.0 | mg/kg | 0.101 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 16.1 | mg/kg | 0.101 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 1.11 | mg/kg | 0.671 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 16.1 | mg/kg | 0.101 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.3 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 1.01 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.23 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 28 | mg/kg | 0.034 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 53.7 | mg/kg | 0.034 | KEL | 11/06/2006 12:51 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.4 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.4 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.4 | | |
| | | ALPHA-CHLORDANE | 34 | ug/kg | 3.4 | | |
| | | GAMMA-CHLORDANE | 33 | ug/kg | 3.4 | | |
| | | 4,4-DDD | 51 | ug/kg | 17 | | |
| | | 4,4-DDE | 16 | ug/kg | 3.4 | | |
| | | 4,4-DDT | ND | ug/kg | 6.8 | | |
| | | DIELDRIN | 37 | ug/kg | 3.4 | | |
| | | ENDOSULFAN I | 20 | ug/kg | 8.4 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.8 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.8 | | |
| | | ENDRIN | ND | ug/kg | 3.4 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.4 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.8 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.4 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.4 | | |
| | | METHOXYCHLOR | ND | ug/kg | 34 | | |
| | | TOXAPHENE | ND | ug/kg | 68 | | |
| 6110202-08 SAMPLE ID: SSC-7-W Lot 7: samples 1,2,3,4 | | | | | | | |
| Total Mercury by Cold Vapor Atomic Fluorescence | | | | | | | |
| MERCURY CV AF | EPA 245.7/1631 | MERCURY | ND | mg/kg | 0.00855 | KEL | 11/06/2006 14:33 |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ANTIMONY - ICP | EPA 200.7/6010B | ANTIMONY | ND | mg/kg | 0.420 | KEL | 11/06/2006 11:03 |
| ARSENIC - ICP | | ARSENIC | 29.4 | mg/kg | 0.841 | KEL | 11/06/2006 10:23 |
| BARIUM - ICP | | BARIUM | 120 | mg/kg | 0.17 | KEL | 11/06/2006 13:37 |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|-----------------|------------|---------|-------|-----------------|------|------------------|
| 6110202-08 SAMPLE ID: SSC-7-W Lot 7: samples 1,2,3,4 | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| BERYLLIUM - ICP | EPA 200.7/6010B | BERYLLIUM | ND | mg/kg | 0.084 | KEL | 11/06/2006 11:03 |
| CADMIUM - ICP | | CADMIUM | ND | mg/kg | 0.560 | KEL | 11/06/2006 10:23 |
| CHROMIUM - ICP | | CHROMIUM | 19.0 | mg/kg | 0.084 | KEL | 11/06/2006 10:23 |
| COBALT - ICP | | COBALT | 8.3 | mg/kg | 0.84 | KEL | 11/06/2006 12:51 |
| COPPER - ICP | | COPPER | 21.4 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| LEAD - ICP | | LEAD | 17.5 | mg/kg | 0.0841 | KEL | 11/06/2006 10:23 |
| MOLYBDENUM - ICP | | MOLYBDENUM | 0.824 | mg/kg | 0.560 | KEL | 11/06/2006 11:03 |
| NICKEL - ICP | | NICKEL | 17.6 | mg/kg | 0.084 | KEL | 11/06/2006 12:51 |
| SELENIUM - ICP | | SELENIUM | ND | mg/kg | 1.1 | KEL | 11/06/2006 10:23 |
| SILVER - ICP | | SILVER | ND | mg/kg | 0.841 | KEL | 11/06/2006 13:37 |
| THALLIUM - ICP | | THALLIUM | ND | mg/kg | 0.20 | KEL | 11/06/2006 11:03 |
| VANADIUM - ICP | | VANADIUM | 27 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |
| ZINC - ICP | | ZINC | 55.7 | mg/kg | 0.028 | KEL | 11/06/2006 12:51 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/07/2006 12:48 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 400 | ug/kg | 20 | | |
| | | 4,4-DDE | 91 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 330 | ug/kg | 8.0 | | |
| | | DIELDRIN | 310 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 10 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

6110202-09 SAMPLE ID: SS-17-8 (6")

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|---------------|-----------------|---------|------|-------|------|-----|------------------|
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.8 | mg/kg | 1.01 | KEL | 11/13/2006 11:47 |
|---------------|-----------------|---------|------|-------|------|-----|------------------|

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 39 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 100 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 150 | ug/kg | 8.0 | | |
| | | DIELDRIN | 110 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-09 SAMPLE ID: SS-17-8 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-11 SAMPLE ID: SS-17-7 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.4 | mg/kg | 0.994 | KEL | 11/13/2006 11:47 |

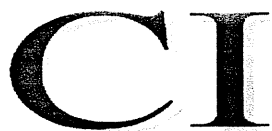
| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 75 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 70 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 120 | ug/kg | 8.0 | | |
| | | DIELDRIN | 54 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 23 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-13 SAMPLE ID: SS-17-6 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.6 | mg/kg | 0.896 | KEL | 11/13/2006 11:47 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 120 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 77 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 200 | ug/kg | 8.0 | | |
| | | DIELDRIN | 83 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-13 SAMPLE ID: SS-17-6 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|------|-----|------------------|
| 6110202-15 SAMPLE ID: SS-17-5 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 25.3 | mg/kg | 1.06 | KEL | 11/13/2006 11:47 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 220 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 130 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 480 | ug/kg | 8.0 | | |
| | | DIELDRIN | 970 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

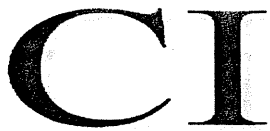
| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-17 SAMPLE ID: SS-17-4 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 27.3 | mg/kg | 0.909 | KEL | 11/13/2006 11:47 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 140 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 110 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 210 | ug/kg | 8.0 | | |
| | | DIELDRIN | 270 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 6110202-19 SAMPLE ID: SS-17-1 (6") | | | | | | | |
|---|--|--|--|--|--|--|--|

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|-----------|---------|-------|-----------------|------|------------------|
| 6110202-19 SAMPLE ID: SS-17-1 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.1 | mg/kg | 0.956 | KEL | 11/13/2006 11:47 |

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 230 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 96 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 440 | ug/kg | 8.0 | | |
| | | DIELDRIN | 350 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

6110202-21 SAMPLE ID: SS-17-2 (6")

Total Metals by Inductively Coupled Plasma

| | | | | | | | |
|---------------|-----------------|---------|------|-------|------|-----|------------------|
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.7 | mg/kg | 1.00 | KEL | 11/13/2006 11:47 |
|---------------|-----------------|---------|------|-------|------|-----|------------------|

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|---------------------|-----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 150 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 95 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 270 | ug/kg | 8.0 | | |
| | | DIELDRIN | 180 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

6110202-23 SAMPLE ID: SS-17-3 (6")

Total Metals by Inductively Coupled Plasma

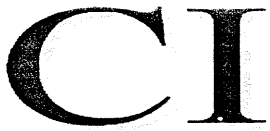
| | | | | | | | |
|---------------|-----------------|---------|------|-------|------|-----|------------------|
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.2 | mg/kg | 1.01 | KEL | 11/13/2006 11:47 |
|---------------|-----------------|---------|------|-------|------|-----|------------------|

Semi-Volatile Organics by Gas Chromatography/ECD

| | | | | | | | |
|-----------------|----------|-----------|----|-------|-----|-----|------------------|
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 1.8 | | |

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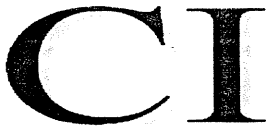
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-23 SAMPLE ID: SS-17-3 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | BETA-BHC | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.8 | | |
| | | DELTA-BHC | ND | ug/kg | 3.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDD | 160 | ug/kg | 7.3 | | |
| | | 4,4-DDE | 110 | ug/kg | 3.6 | | |
| | | 4,4-DDT | 240 | ug/kg | 7.3 | | |
| | | DIELDRIN | 540 | ug/kg | 3.6 | | |
| | | ENDOSULFAN I | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 7.3 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 7.3 | | |
| | | ENDRIN | ND | ug/kg | 3.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 9.1 | | |
| | | ENDRIN KETONE | ND | ug/kg | 7.3 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 36 | | |
| | | TOXAPHENE | ND | ug/kg | 73 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-25 SAMPLE ID: SS-16-8 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.1 | mg/kg | 0.834 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 210 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 290 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 490 | ug/kg | 8.0 | | |
| | | DIELDRIN | 260 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-27 SAMPLE ID: SS-16-7 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.3 | mg/kg | 1.00 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |

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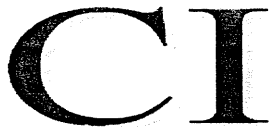
| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-27 SAMPLE ID: SS-16-7 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | 4,4-DDD | 120 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 180 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 230 | ug/kg | 8.0 | | |
| | | DIELDRIN | 350 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-29 SAMPLE ID: SS-16-6 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 23.6 | mg/kg | 0.960 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 230 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 39 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 240 | ug/kg | 8.0 | | |
| | | DIELDRIN | 550 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-31 SAMPLE ID: SS-16-5 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.2 | mg/kg | 0.898 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.4 | | |
| | | BETA-BHC | ND | ug/kg | 4.7 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.4 | | |
| | | DELTA-BHC | ND | ug/kg | 4.7 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDD | 250 | ug/kg | 9.5 | | |
| | | 4,4-DDE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDT | 480 | ug/kg | 9.5 | | |

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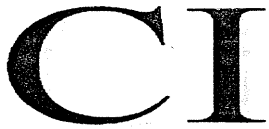
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-31 SAMPLE ID: SS-16-5 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 580 | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ENDOSULFAN I | ND | ug/kg | 4.7 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.5 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.5 | | |
| | | ENDRIN | ND | ug/kg | 4.7 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 12 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.5 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.7 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.7 | | |
| | | METHOXYCHLOR | ND | ug/kg | 47 | | |
| | | TOXAPHENE | ND | ug/kg | 95 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-33 SAMPLE ID: SS-16-1 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.7 | mg/kg | 1.04 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 92 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 40 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 180 | ug/kg | 8.0 | | |
| | | DIELDRIN | 340 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-35 SAMPLE ID: SS-16-2 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 27.8 | mg/kg | 0.889 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 97 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 93 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 200 | ug/kg | 8.0 | | |
| | | DIELDRIN | 210 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-35 SAMPLE ID: SS-16-2 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-37 SAMPLE ID: SS-16-3 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.2 | mg/kg | 0.860 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 80 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 55 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 99 | ug/kg | 8.0 | | |
| | | DIELDRIN | 100 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-39 SAMPLE ID: SS-16-4 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 28.4 | mg/kg | 0.904 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 99 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 67 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 110 | ug/kg | 8.0 | | |
| | | DIELDRIN | 140 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-39 SAMPLE ID: SS-16-4 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|------|-----|------------------|
| 6110202-41 SAMPLE ID: SS-7-5 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.2 | mg/kg | 1.03 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 25 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 59 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 36 | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

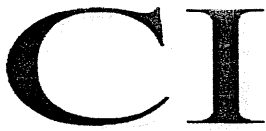
| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-43 SAMPLE ID: SS-7-6 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 32.3 | mg/kg | 0.892 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 67 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 15 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 53 | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 52 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 6110202-45 SAMPLE ID: SS-7-7 (6") | | | | | | | |
|--|--|--|--|--|--|--|--|

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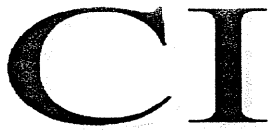
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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-45 SAMPLE ID: SS-7-7 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 42.0 | mg/kg | 0.888 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 5.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.5 | | |
| | | BETA-BHC | ND | ug/kg | 5.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.5 | | |
| | | DELTA-BHC | ND | ug/kg | 5.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 5.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 5.0 | | |
| | | 4,4-DDD | ND | ug/kg | 10 | | |
| | | 4,4-DDE | ND | ug/kg | 5.0 | | |
| | | 4,4-DDT | ND | ug/kg | 10 | | |
| | | DIELDRIN | ND | ug/kg | 5.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 5.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 10 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 10 | | |
| | | ENDRIN | ND | ug/kg | 5.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 13 | | |
| | | ENDRIN KETONE | ND | ug/kg | 10 | | |
| | | HEPTACHLOR | ND | ug/kg | 5.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 5.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 50 | | |
| | | TOXAPHENE | ND | ug/kg | 100 | | |
| 6110202-47 SAMPLE ID: SS-7-8 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 34.9 | mg/kg | 0.927 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.3 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 1.7 | | |
| | | BETA-BHC | ND | ug/kg | 3.3 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.7 | | |
| | | DELTA-BHC | ND | ug/kg | 3.3 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.3 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.3 | | |
| | | 4,4-DDD | ND | ug/kg | 6.6 | | |
| | | 4,4-DDE | ND | ug/kg | 3.3 | | |
| | | 4,4-DDT | ND | ug/kg | 6.6 | | |
| | | DIELDRIN | ND | ug/kg | 3.3 | | |
| | | ENDOSULFAN I | ND | ug/kg | 3.3 | | |
| | | ENDOSULFAN II | ND | ug/kg | 6.6 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 6.6 | | |
| | | ENDRIN | ND | ug/kg | 3.3 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 8.3 | | |
| | | ENDRIN KETONE | ND | ug/kg | 6.6 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.3 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.3 | | |
| | | METHOXYCHLOR | ND | ug/kg | 33 | | |
| | | TOXAPHENE | ND | ug/kg | 66 | | |
| 6110202-49 SAMPLE ID: SS-8-2 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 36.3 | mg/kg | 0.893 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 1.8 | | |

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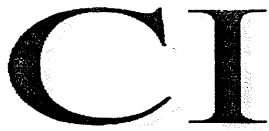
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|---------------------|---------|-------|--------------------|------|------------------|
| 6110202-49 SAMPLE ID: SS-8-2 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | BETA-BHC | ND | ug/kg | 3.6 | WWS | 11/20/2006 11:15 |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.8 | | |
| | | DELTA-BHC | ND | ug/kg | 3.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDD | 80 | ug/kg | 7.2 | | |
| | | 4,4-DDE | 76 | ug/kg | 3.6 | | |
| | | 4,4-DDT | 80 | ug/kg | 7.2 | | |
| | | DIELDRIN | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN I | 18 | ug/kg | 3.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 7.2 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 7.2 | | |
| | | ENDRIN | ND | ug/kg | 3.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 9.0 | | |
| | | ENDRIN KETONE | ND | ug/kg | 7.2 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 36 | | |
| | | TOXAPHENE | ND | ug/kg | 72 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-51 SAMPLE ID: SS-8-4 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 32.2 | mg/kg | 0.857 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 45 | ug/kg | 8.0 | | |
| | | 4,4-DDE | 71 | ug/kg | 4.0 | | |
| | | 4,4-DDT | 67 | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-53 SAMPLE ID: SS-8-3 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 34.6 | mg/kg | 0.858 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |

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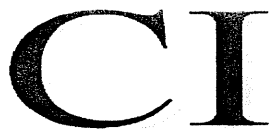
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-53 SAMPLE ID: SS-8-3 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | 4,4-DDD | 49 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 57 | ug/kg | 8.0 | | |
| | | DIELDRIN | 14 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-55 SAMPLE ID: SS-9-1(6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 35.5 | mg/kg | 0.872 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 87 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 130 | ug/kg | 8.0 | | |
| | | DIELDRIN | 280 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 55 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-57 SAMPLE ID: SS-9-2(6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 38.8 | mg/kg | 0.965 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.9 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.4 | | |
| | | BETA-BHC | ND | ug/kg | 4.9 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.4 | | |
| | | DELTA-BHC | ND | ug/kg | 4.9 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.9 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.9 | | |
| | | 4,4-DDD | 150 | ug/kg | 9.7 | | |
| | | 4,4-DDE | ND | ug/kg | 4.9 | | |
| | | 4,4-DDT | 240 | ug/kg | 9.7 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-57 SAMPLE ID: SS-9-2(6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 310 | ug/kg | 4.9 | WWS | 11/20/2006 11:15 |
| | | ENDOSULFAN I | 120 | ug/kg | 4.9 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.7 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.7 | | |
| | | ENDRIN | ND | ug/kg | 4.9 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 12 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.7 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.9 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.9 | | |
| | | METHOXYCHLOR | ND | ug/kg | 49 | | |
| | | TOXAPHENE | ND | ug/kg | 97 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-59 SAMPLE ID: SS-7-4(6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 30.5 | mg/kg | 0.965 | KEL | 11/13/2006 13:25 |

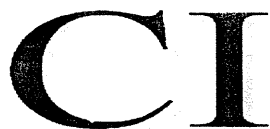
| | | | | | | | |
|--|----------|---------------------|----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 66 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 61 | ug/kg | 8.0 | | |
| | | DIELDRIN | 68 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 33 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-61 SAMPLE ID: SS-7-3 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 35.1 | mg/kg | 0.885 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.4 | | |
| | | BETA-BHC | ND | ug/kg | 4.7 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.4 | | |
| | | DELTA-BHC | ND | ug/kg | 4.7 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDD | 92 | ug/kg | 9.5 | | |
| | | 4,4-DDE | ND | ug/kg | 4.7 | | |
| | | 4,4-DDT | 71 | ug/kg | 9.5 | | |
| | | DIELDRIN | 39 | ug/kg | 4.7 | | |
| | | ENDOSULFAN I | 110 | ug/kg | 4.7 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.5 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.5 | | |

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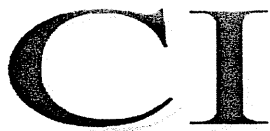
| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-61 SAMPLE ID: SS-7-3 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.7 | WWS | 11/20/2006 11:15 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 12 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.5 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.7 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.7 | | |
| | | METHOXYCHLOR | ND | ug/kg | 47 | | |
| | | TOXAPHENE | ND | ug/kg | 95 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-63 SAMPLE ID: SS-7-2 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 38.8 | mg/kg | 0.879 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 57 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 73 | ug/kg | 8.0 | | |
| | | DIELDRIN | 62 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 31 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-65 SAMPLE ID: SS-7-1 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.2 | mg/kg | 0.967 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.5 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.3 | | |
| | | BETA-BHC | ND | ug/kg | 4.5 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.3 | | |
| | | DELTA-BHC | ND | ug/kg | 4.5 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.5 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.5 | | |
| | | 4,4-DDD | 52 | ug/kg | 9.1 | | |
| | | 4,4-DDE | ND | ug/kg | 4.5 | | |
| | | 4,4-DDT | 60 | ug/kg | 9.1 | | |
| | | DIELDRIN | 17 | ug/kg | 4.5 | | |
| | | ENDOSULFAN I | 21 | ug/kg | 4.5 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.1 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.1 | | |
| | | ENDRIN | ND | ug/kg | 4.5 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 11 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.1 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.5 | | |

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-65 SAMPLE ID: SS-7-1 (6") | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.5 | WWS | 11/20/2006 11:15 |
| | | METHOXYCHLOR | ND | ug/kg | 45 | | |
| | | TOXAPHENE | ND | ug/kg | 91 | | |

| | | | | | | | |
|--|-----------------|---------|------|-------|------|-----|------------------|
| 6110202-67 SAMPLE ID: SS-8-1(6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 37.5 | mg/kg | 1.06 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 84 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 110 | ug/kg | 8.0 | | |
| | | DIELDRIN | 140 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 32 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

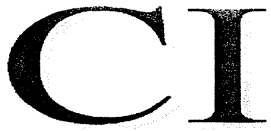
| | | | | | | | |
|--|-----------------|---------|------|-------|-------|-----|------------------|
| 6110202-69 SAMPLE ID: SS-9-3 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.3 | mg/kg | 0.987 | KEL | 11/13/2006 13:25 |

| | | | | | | | |
|--|----------|---------------------|-----|-------|-----|-----|------------------|
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 100 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 130 | ug/kg | 8.0 | | |
| | | DIELDRIN | 140 | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | 64 | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

6110202-71 SAMPLE ID: SS-9-4 (6")

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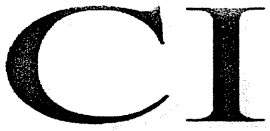
| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|-----------------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-71 SAMPLE ID: SS-9-4 (6") | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 33.4 | mg/kg | 0.914 | KEL | 11/13/2006 13:25 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.6 | WWS | 11/20/2006 11:15 |
| | | ALPHA-BHC | ND | ug/kg | 2.3 | | |
| | | BETA-BHC | ND | ug/kg | 4.6 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.3 | | |
| | | DELTA-BHC | ND | ug/kg | 4.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.6 | | |
| | | 4,4-DDD | 69 | ug/kg | 9.1 | | |
| | | 4,4-DDE | ND | ug/kg | 4.6 | | |
| | | 4,4-DDT | 79 | ug/kg | 9.1 | | |
| | | DIELDRIN | 24 | ug/kg | 4.6 | | |
| | | ENDOSULFAN I | 35 | ug/kg | 4.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 9.1 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 9.1 | | |
| | | ENDRIN | ND | ug/kg | 4.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 11 | | |
| | | ENDRIN KETONE | ND | ug/kg | 9.1 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 46 | | |
| | | TOXAPHENE | ND | ug/kg | 91 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-73 SAMPLE ID: Composite 1 (10,12,14, and 16) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 24.1 | mg/kg | 1.02 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|-----------|------|-------|-------|-----|------------------|
| 6110202-74 SAMPLE ID: Composite 2 (18,20,22, and 24) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 26.5 | mg/kg | 0.939 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |

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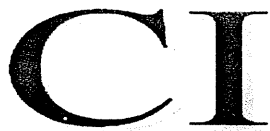
| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|---------------------|---------|-------|-----------------|------|------------------|
| 6110202-74 SAMPLE ID: Composite 2 (18,20,22, and 24) | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | BETA-BHC | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-75 SAMPLE ID: Composite 3 (26,28,30, and 32) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 27.7 | mg/kg | 1.14 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-76 SAMPLE ID: Composite 4 (34,36,38, and 40) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 23.7 | mg/kg | 0.999 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |

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CERTIFICATE OF ANALYSIS

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REPORT NUMBER: 6110202

PAGE: 25 OF 27

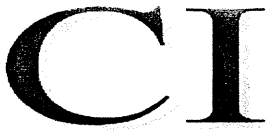
| SAMPLE/ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-76 SAMPLE ID: Composite 4 (34,36,38, and 40) | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-77 SAMPLE ID: Composite 5 (42,44,46, and 48) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.9 | mg/kg | 1.02 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-78 SAMPLE ID: Composite 6 (50,52,54, and 68) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 31.0 | mg/kg | 0.941 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | 9.4 | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | 9.7 | ug/kg | 8.0 | | |

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CERTIFICATE OF ANALYSIS

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| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|---|----------|--------------------|---------|-------|-----------------|------|------------------|
| 6110202-78 SAMPLE ID: Composite 6 (50,52,54, and 68) | | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | DIELDRIN | 10 | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |
| | | ENDRIN | ND | ug/kg | 4.0 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

| | | | | | | | |
|---|-----------------|---------------------|------|-------|-------|-----|------------------|
| 6110202-79 SAMPLE ID: Composite 7 (60,62,64, and 66) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 29.8 | mg/kg | 0.930 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 3.6 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 1.8 | | |
| | | BETA-BHC | ND | ug/kg | 3.6 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 1.8 | | |
| | | DELTA-BHC | ND | ug/kg | 3.6 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDD | ND | ug/kg | 7.2 | | |
| | | 4,4-DDE | ND | ug/kg | 3.6 | | |
| | | 4,4-DDT | ND | ug/kg | 7.2 | | |
| | | DIELDRIN | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN I | ND | ug/kg | 3.6 | | |
| | | ENDOSULFAN II | ND | ug/kg | 7.2 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 7.2 | | |
| | | ENDRIN | ND | ug/kg | 3.6 | | |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 9.0 | | |
| | | ENDRIN KETONE | ND | ug/kg | 7.2 | | |
| | | HEPTACHLOR | ND | ug/kg | 3.6 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 3.6 | | |
| | | METHOXYCHLOR | ND | ug/kg | 36 | | |
| | | TOXAPHENE | ND | ug/kg | 72 | | |

| | | | | | | | |
|--|-----------------|---------------------|------|-------|------|-----|------------------|
| 6110202-80 SAMPLE ID: Composite 8 (56,58, 70, and 72) | | | | | | | |
| Total Metals by Inductively Coupled Plasma | | | | | | | |
| ARSENIC - ICP | EPA 200.7/6010B | ARSENIC | 35.0 | mg/kg | 1.01 | KEL | 11/13/2006 11:47 |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ALDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ALPHA-BHC | ND | ug/kg | 2.0 | | |
| | | BETA-BHC | ND | ug/kg | 4.0 | | |
| | | GAMMA-BHC (LINDANE) | ND | ug/kg | 2.0 | | |
| | | DELTA-BHC | ND | ug/kg | 4.0 | | |
| | | ALPHA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | GAMMA-CHLORDANE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDD | ND | ug/kg | 8.0 | | |
| | | 4,4-DDE | ND | ug/kg | 4.0 | | |
| | | 4,4-DDT | ND | ug/kg | 8.0 | | |
| | | DIELDRIN | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN I | ND | ug/kg | 4.0 | | |
| | | ENDOSULFAN II | ND | ug/kg | 8.0 | | |
| | | ENDOSULFAN SULFATE | ND | ug/kg | 8.0 | | |

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CERTIFICATE OF ANALYSIS

REPORT DATE: 11/27/06 08:13

REPORT NUMBER: 6110202

PAGE: 27 OF 27

| SAMPLE/ ANALYSIS | METHOD | PARAMETER | RESULTS | UNITS | DETECTION LIMIT | TECH | DATE/TIME |
|--|--|--------------------|---------|-------|--------------------|------|------------------|
| 6110202-80 | SAMPLE ID: Composite 8 (56,58, 70, and 72) | | | | | | |
| Semi-Volatile Organics by Gas Chromatography/ECD | | | | | | | |
| PESTICIDES 8081 | EPA 8081 | ENDRIN | ND | ug/kg | 4.0 | WWS | 11/14/2006 15:10 |
| | | ENDRIN ALDEHYDE | ND | ug/kg | 10 | | |
| | | ENDRIN KETONE | ND | ug/kg | 8.0 | | |
| | | HEPTACHLOR | ND | ug/kg | 4.0 | | |
| | | HEPTACHLOR EPOXIDE | ND | ug/kg | 4.0 | | |
| | | METHOXYCHLOR | ND | ug/kg | 40 | | |
| | | TOXAPHENE | ND | ug/kg | 80 | | |

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 CI San Pedro: 797 Channel St., San Pedro, CA 90731

ph: (253) 922-8781
 ph: (707) 748-7587
 ph: (310) 833-1557

| Client Name: <i>Geo Design Inc</i> | | Project Name: <i>Townsend Fa-01-07</i> | | REQUESTED ANALYSIS | | | | | |
|---|------------------------------|---|-------------|------------------------------|-------|-----------------------------|-------|--------------|-------|
| Contact: <i>Bob Janak</i> | | Purchase Order #: | | EPA Method 8081A | | EPA Method 6000/7000 series | | | |
| Address: <i>15575 SW Sequoia Pkwy</i> | | Phone: <i>(503) 968 8787</i> | | Sample Matrix | | Sample Date | | Sample Time | |
| City: <i>Portland OR</i> | | State: <i>OR</i> | | Sample Description/UN NUMBER | | Sample Date | | Sample Time | |
| Zip: <i>97224</i> | | Email: | | Sample Description/UN NUMBER | | Sample Date | | Sample Time | |
| TURN AROUND TIME: <i>STANDARD 10 DAY</i> | | Sampled By: <i>KAT; EW</i> | | Sample Description/UN NUMBER | | Sample Date | | Sample Time | |
| REMARKS: <i>DATE DUE:</i> | | Sampled By: | | Sample Description/UN NUMBER | | Sample Date | | Sample Time | |
| SAMPLE ID | SAMPLE DESCRIPTION/UN NUMBER | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME | | | | | |
| 1 ✓ SSC-17-E | Lot 17: samples 5, 6, 7, 8 | S | 10/31 | 1215 | ✓ | | | | |
| 2 ✓ SSC-17-W | Lot 17: samples 1, 2, 3, 4 | S | 10/31 | 1309 | ✓ | | | | |
| 3 ✓ SSC-16-E | Lot 16: samples 5, 6, 7, 8 | S | 10/31 | 1442 | ✓ | | | | |
| 4 ✓ SSC-16-W | Lot 16: samples 1, 2, 3, 4 | S | 10/31 | 1543 | ✓ | | | | |
| 5 ✓ SSC-9 | Lot 9: samples 1, 2, 3, 4 | S | 11/1 | 1527 | ✓ | | | | |
| 6 ✓ SSC-8 | Lot 8: samples 1, 2, 3, 4 | S | 11/1 | 1552 | ✓ | | | | |
| 7 ✓ SSC-7E | Lot 7: samples 5, 6, 7, 8 | S | 11/1 | 1334 | ✓ | | | | |
| 8 ✓ SSC-7-W | Lot 7: samples 1, 2, 3, 4 | S | 11/1 | 1417 | ✓ | | | | |
| Relinquished By: <i>Bruce Warner</i> | | Received By: | | Relinquished By: | | Received By: | | WORK ORDER#: | |
| Date: | Time: | Date: | Time: | Date: | Time: | Date: | Time: | Date: | Time: |

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ph: (253) 922-8781
 ph: (707) 748-7587
 ph: (310) 833-1557

| Client Name: <u>GeoDesign, Inc</u> | | Project Name: <u>Townsendfa-01-07</u> | | REQUESTED ANALYSIS | | | |
|---|------------------------------|--|--------------------|--|-------------|--------------------|-----------------|
| Contact: <u>Rob Janak</u> | | Purchase Order #: _____ | | | | | |
| Address: <u>15575 SW Sequoia Pkwy</u> | | Phone: <u>(503) 968-8787</u> | | 8081H Metals 6000/7000 Please hold pending composite analyses. | | | |
| City: <u>Portland OR</u> State: _____ Zip: <u>97224</u> | | Email: _____ | | | | | |
| TURN AROUND TIME: _____ DATE DUE: _____ | | Sampled By: <u>Karen Trachsel; Erin Warner</u> | | | | | |
| SAMPLE ID | SAMPLE DESCRIPTION/UN NUMBER | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME | | | |
| 9 | SS-17-8 (6") | S | 10/31 | 1105 | X | | |
| 10 | SS-17-8 (1-2) ① | S | 10/31 | 1115 | CI | CI | |
| 11 | SS-17-7 (6") | S | 10/31 | 1130 | X | | |
| 12 | SS-17-7 (1-2) ① | S | 10/31 | 1140 | CI | CI | |
| 13 | SS-17-6 (6") | S | 10/31 | 1145 | X | | |
| 14 | SS-17-6 (1-2) ① | S | 10/31 | 1157 | CI | CI | |
| 15 | SS-17-5 (6") | S | 10/31 | 1210 | X | | |
| 16 | SS-17-5 (1-2) ① | S | 10/31 | 1218 | CI | CI | |
| 17 | SS-17-4 (6") | S | 10/31 | 1306 | X | | |
| 18 | SS-17-4 (1-2) ② | S | 10/31 | 1316 | C2 | C2 | |
| Relinquished By: <u>Erin Warner</u> | | Relinquished By: _____ | | Received By: _____ | | | |
| Date: _____ | Time: _____ | Date: <u>11/2</u> | Time: <u>10:30</u> | Date: _____ | Time: _____ | WORK ORDER#: _____ | DUE DATE: _____ |

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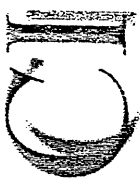
ph: (253) 922-8781
 ph: (707) 748-7587
 ph: (310) 833-1557

| Client Name: GeoDesign Inc | | Project Name: Townsend Fa-01-07 | | Requested Analysis | |
|---|------------------------------|---|-------------|--------------------|--|
| Contact: Bob Lanak | | Purchase Order #: | | | |
| Address: 15575 S W Sequoia Pkwy | | Phone: (503) 968 8787 | | | |
| City: Portland OR | | State: OR | | | |
| Zip: 97224 | | Enroll: | | | |
| TURN AROUND TIME: STANDARD 10 DAY | | Sampled By: KAT; EW | | | |
| RUSH: DATE DUE: | | | | | |
| SAMPLE ID | SAMPLE DESCRIPTION/UN NUMBER | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME | Requested Analysis |
| 19 SS-17-1(6") | | S | 10/31 | 1230 | Please hold pending composite analyses |
| 20 SS-17-1(1-2) ② | | S | 10/31 | 1232 | |
| 21 SS-17-2(6") | | S | 10/31 | 1246 | |
| 22 SS-17-2(1-2) ② | | S | 10/31 | 1247 | |
| 23 SS-17-3(6") | | S | 10/31 | 1253 | |
| 24 SS-17-3(1-2) ② | | S | 10/31 | 1258 | |
| 25 SS-16-8(6") | | S | 10/31 | 1356 | |
| 26 SS-16-8(1-2) ③ | | S | 10/31 | 1406 | |
| 27 SS-16-7(6") | | S | 10/31 | 1411 | |
| 28 SS-16-7(1-2) ③ | | S | 10/31 | 1420 | |

8081A
 At Metals
 6000 7500

| | | |
|---------------------------------------|---------------------------------|-----------------|
| Relinquished By: <i>Jim Warner</i> | Received By: <i>Kathleen</i> | Work Order #: |
| Date: _____ | Date: _____ | DUE DATE: _____ |
| Time: _____ | Time: _____ | |

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 ph: (707) 748-7587
 ph: (310) 833-1557

| | | | | | | | | | | |
|---|--------------------|---------------------------------------|--|--|--|------|--|---------------|-------------|-------------|
| Client Name: <u>GeoDesign Inc</u> | | Project Name: <u>Townsendfa-01-07</u> | | REQUESTED ANALYSIS | | | | | | |
| Contact: <u>Bob Knak</u> | | Purchase Order #: _____ | | | | | | | | |
| Address: <u>15575 SW Sequoia Pkwy</u> | | Phone: <u>(503) 968 8787</u> | | 8081H Metals ONLY 6000/7000 Please hold pending composite analyses. | | | | | | |
| City: <u>Portland OR</u> State: <u>OR</u> Zip: <u>97224</u> | | Email: _____ | | | | | | | | |
| TURN AROUND TIME: <u>STANDARD 10 D.D.T</u> | | Sampled By: <u>KATJEW</u> | | | | | | | | |
| RUSH: _____ DATE DUE: _____ | | SAMPLE ID | | | | | | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME |
| 29 | SS-16-6 (6") | S | | | | | | | | 1426 |
| 30 | SS-16-6 (1-2') (3) | S | | | | | | | | 1434 |
| 31 | SS-16-5 (6") | S | | | | | | | | 1440 |
| 32 | SS-16-5 (1-2') (3) | S | | | | | | | | 1446 |
| 33 | SS-16-1 (6") | S | | | | | | | | 1455 |
| 34 | SS-16-1 (1-2') (4) | S | | | | | | | | 1500 |
| 35 | SS-16-2 (6") | S | | | | 1506 | | | | |
| 36 | SS-16-2 (1-2') (4) | S | | | | 1515 | | | | |
| 37 | SS-16-3 (6") | S | | | | 1521 | | | | |
| 38 | SS-16-3 (1-2') (4) | S | | | | 1526 | | | | |
| Relinquished By: <u>Erin Warner</u> | | Relinquished By: <u>[Signature]</u> | | Received By: _____ | | | | | | |
| Date: _____ Time: _____ | | Date: <u>11/2</u> Time: <u>10:50</u> | | Date: _____ Time: _____ | | | | | | |
| WORK ORDER#: _____ | | | | DUE DATE: _____ | | | | | | |



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 ph: (707) 748-7587
 ph: (310) 833-1557

| | | | | | | | | | | | |
|---|--|--|------------------|---|---|------|------|------------------------------|---------------|-------------|-------------|
| Client Name: GeoDesign Inc | | Project Name: Townsendfa-01-07 | | REQUESTED ANALYSIS | | | | | | | |
| Contact: Bob Janak | | Purchase Order #: | | | | | | | | | |
| Address: 15575 SW Sequoia Pkwy | | Phone: (503) 968 8787 | | Please hold pending composite analyses | | | | | | | |
| City: Portland OR | | Email: | | | | | | | | | |
| Zip: 97224 | | Sampled By: KAT; EW | | | | | | | | | |
| TURN AROUND TIME: STANDARD 10 D:41 | | Sample ID | | | | | | SAMPLE DESCRIPTION/UN NUMBER | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME |
| RUSH: _____ DATE DUE: _____ | | 39 | SS-16-2(6") | | | | | S | S | 10/31 | 1533 |
| | | 40 | SS-16-2(1-2) (4) | | | | | S | S | 10/31 | 1543 |
| | | 41 | SS-7-5 (6") | | | | | S | S | 11/1 | 1255 |
| | | 42 | SS-7-5 (2') (5) | | | | | S | S | 11/1 | 1300 |
| | | 43 | SS-7-6 (6") | | | | | S | S | 11/1 | 1307 |
| | | 44 | SS-7-6 (2') (5) | | | | | S | S | 11/1 | 1314 |
| | | 45 | SS-7-7 (6") | S | S | 11/1 | 1321 | | | | |
| | | 46 | SS-7-7 (2') (5) | S | S | 11/1 | 1327 | | | | |
| | | 47 | SS-7-8 (6") | S | S | 11/1 | 1333 | | | | |
| | | 48 | SS-7-8 (2') (5) | S | S | 11/1 | 1340 | | | | |

ROSI H
 only 6000/7000
 Metals

Relinquished By: **Erin Warner** Date: **11/2** Time: **10:50**
 Received By: **[Signature]** Date: _____ Time: _____
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____
 WORK ORDER#: _____
 DUE DATE: _____

ARCHIVE 6 of 8



COLUMBIA INSPECTION, INC.
 7133 N. Lombard St. Portland, OR 97203
 Ph. (503) 286-9464, Toll Free. (888) 2-INSPEC
 Web: www.columbiainspection.com

CI Seattle: 4901 20th St. E., Fife, WA 98424
 CI Benicia: 4592 E. 2nd St., Benicia, CA 94510
 CI San Pedro: 797 Channel St., San Pedro, CA 90731

ph: (253) 922-8781
 ph: (707) 748-7587
 ph: (310) 833-1557

| Client Name: <i>Geo Design Inc.</i> | | Project Name: <i>Townsend Fr - 1-07</i> | | Requested Analysis | |
|--|------------------------------|--|-------------|--------------------|----|
| Contact: <i>Bob Jenek</i> | | Purchase Order #: | | | |
| Address: <i>15575 SW Sequoia Pkwy</i> | | Phone: <i>(503) 968 8787</i> | | | |
| City: <i>Portland OR</i> | | State: <i>OR</i> | | | |
| Zip: <i>97224</i> | | Email: | | | |
| TURN AROUND TIME: <i>STANDARD TODAY</i> | | Sampled By: <i>KAT; JW</i> | | | |
| RUSH: _____ DATE DUE: _____ | | | | | |
| SAMPLE ID | SAMPLE DESCRIPTION/UN NUMBER | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME | |
| 49 SS-8-2 (6") | | S | 11/1 | 1445 | X |
| 50 SS-8-2 (2') (6) | | S | 11/1 | 1450 | C6 |
| 51 SS-8-4 (6") | | S | 11/1 | 1455 | X |
| 52 SS-8-4 (2') (6) | | S | 11/1 | 1500 | C6 |
| 53 SS-8-3 (6") | | S | 11/1 | 1536 | X |
| 54 SS-8-3 (17') (6) | | S | 11/1 | 1548 | C6 |
| 55 SS-9-1 (6") | | S | 11/1 | 1525 | X |
| 56 SS-9-1 (2') (8) | | S | 11/1 | 1530 | C8 |
| 57 SS-9-2 (6") | | S | 11/1 | 1502 | X |
| 58 SS-9-2 (2') (8) | | S | 11/1 | 1507 | C8 |

Please Hold pending Composite Analyses

80818 only

80818 only

| | | | |
|--|-----------------------|------------------|--------------|
| Relinquished By: <i>Erin Warner</i> | Received By: | Relinquished By: | Received By: |
| Date: <i>11/2</i> | Date: <i>11/2</i> | Date: | Date: |
| Time: <i>10:50</i> | Time: <i>10:50</i> | Time: | Time: |
| WORK ORDER#: | | DUE DATE: | |



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 CI San Pedro: 797 Channel St., San Pedro, CA 90731

ph: (253) 922-8781
 ph: (707) 748-7587
 ph: (310) 833-1557

| Client Name: <i>Geo Design Inc.</i> | | Project Name: Project #: | | REQUESTED ANALYSIS | | |
|---|------------------------------|---------------------------------|----------------|--------------------|----------------|--|
| Contact: <i>Bob Kwiat</i> | | Purchase Order #: | | | | |
| Address: <i>15575 SW Sequoia Parkway</i> | | Phone: <i>(503) 968 8787</i> | | | | |
| City: <i>Portland OR</i> | | Email: | | | | |
| State: <i>OR</i> | | Zip: <i>97224</i> | | | | |
| TURN AROUND TIME: <i>STANDARD TODAY</i> | | Sampled By: <i>KAT EW</i> | | | | |
| RUSH: _____ DATE DUE: _____ | | | | | | |
| SAMPLE ID | SAMPLE DESCRIPTION/UN NUMBER | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME | | |
| 59 | SS-7-4 (6") | S | 11/1 | 1344 | X | |
| 60 | SS-7-4 (2') (7) | S | 11/1 | 1344 | C7 | |
| 61 | SS-7-3 (6") | S | 11/1 | 1355 | X | |
| 62 | SS-7-3 (2') (7) | S | 11/1 | 1400 | C7 | |
| 63 | SS-7-2 (6") | S | 11/1 | 1409 | X | |
| 64 | SS-7-2 (2') (7) | S | 11/1 | 1415 | C7 | |
| 65 | SS-7-1 (6") | S | 11/1 | 1416 | X | |
| 66 | SS-7-1 (2') (7) | S | 11/1 | 1420 | C7 | |
| 67 | SS-8-1 (6") | S | 11/1 | 1554 | X | |
| 68 | SS-8-1 (2') (6) | S | 11/1 | 1600 | C6 | |
| Relinquished By: <i>Tom Warner</i> | | Relinquished By: | | Received By: | | |
| Date: _____ | Time: _____ | Date: _____ | Time: _____ | Date: _____ | Time: _____ | |
| WORK ORDER#: | | DUE DATE: | | | | |

00817 Metal 6000/7000

Please hold pending composite analyses

Received By: *[Signature]*
 Date: *11/2* Time: *10:50*

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 797 Channel St., San Pedro, CA 90731

ph: (253) 922-8781
 ph: (707) 748-7587
 ph: (310) 833-1557

| Client Name: <u>Geo Design, Inc</u> | | Project Name: <u>Jensen/Fa-1-07</u> | | REQUESTED ANALYSIS | | | |
|---|------------------------------|-------------------------------------|-------------|---|--------------|-------------|-------------|
| Contact: <u>Bob Savat</u> | | Purchase Order #: | | | | | |
| Address: <u>15575 SW Sequoia Pkwy</u> | | Phone: <u>(503) 968 8787</u> | | Please Hold Pending composite Analyses. | | | |
| City: <u>Portland OR</u> State: <u>OR</u> Zip: <u>97224</u> | | Email: | | | | | |
| TURN AROUND TIME: <u>STANDARD 10 DAY</u> | | Sampled By: <u>KATIE W</u> | | | | | |
| RUSH: _____ DATE DUE: _____ | | | | | | | |
| SAMPLE ID | SAMPLE DESCRIPTION/UN NUMBER | SAMPLE MATRIX | SAMPLE DATE | SAMPLE TIME | | | |
| 69 <u>SS-9-3(6")</u> | | <u>S</u> | <u>11/1</u> | <u>1513</u> | <u>X</u> | <u>X</u> | |
| 70 <u>SS-9-3(2') (8)</u> | | <u>S</u> | <u>11/1</u> | <u>1520</u> | <u>CB</u> | <u>CB</u> | |
| 71 <u>SS-9-4(6")</u> | | <u>S</u> | <u>11/1</u> | <u>1500</u> | <u>X</u> | <u>X</u> | |
| 72 <u>SS-9-4(2') (8)</u> | | <u>S</u> | <u>11/1</u> | <u>1512</u> | <u>CB</u> | <u>CB</u> | |
| | | | | | <u>0010A</u> | | |
| | | | | | <u>0010B</u> | | |
| | | | | | <u>0010C</u> | | |
| | | | | | <u>0010D</u> | | |
| | | | | | <u>0010E</u> | | |
| | | | | | <u>0010F</u> | | |
| | | | | | <u>0010G</u> | | |
| | | | | | <u>0010H</u> | | |
| | | | | | <u>0010I</u> | | |
| | | | | | <u>0010J</u> | | |
| | | | | | <u>0010K</u> | | |
| | | | | | <u>0010L</u> | | |
| | | | | | <u>0010M</u> | | |
| | | | | | <u>0010N</u> | | |
| | | | | | <u>0010O</u> | | |
| | | | | | <u>0010P</u> | | |
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| | | | | | <u>0010S</u> | | |
| | | | | | <u>0010T</u> | | |
| | | | | | <u>0010U</u> | | |
| | | | | | <u>0010V</u> | | |
| | | | | | <u>0010W</u> | | |
| | | | | | <u>0010X</u> | | |
| | | | | | <u>0010Y</u> | | |
| | | | | | <u>0010Z</u> | | |
| Relinquished By: <u>Erin Warner</u> | | Relinquished By: | | Received By: _____ | | | |
| Date: _____ | Time: _____ | Date: _____ | Time: _____ | Date: _____ | Time: _____ | Date: _____ | Time: _____ |
| WORK ORDER#: _____ | | DUE DATE: _____ | | | | | |

ACRONYMS

ACRONYMS

| | |
|-------|---|
| ASTM | American Society for Testing and Materials |
| BGS | below the ground surface |
| BS | blank spike |
| BSD | blank spike duplicate |
| DEQ | Oregon Department of Environmental Quality |
| EPA | U.S. Environmental Protection Agency |
| I.D. | identification |
| mg/Kg | milligrams per kilogram |
| MRL | method reporting limit |
| MS | matrix spike |
| MSD | matrix spike duplicate |
| NE | not established |
| NFA | No Further Action |
| ppm | parts per million |
| PRG | preliminary remediation goal |
| RBC | risk-based concentration |
| RBDM | <i>Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites</i> |
| µg/Kg | micrograms per kilogram |