



September 24, 2003

Dennis Jordan & Associates, Inc. P.S.  
4202 Hoyt Avenue  
Everett, Washington 98203

(Original sent via email)

Environmental Consulting Services  
UST Removal  
Former Valetor Cleaners  
3011 Grand Avenue  
Everett, Washington  
Pinnacle GeoSciences Project 0229-001

Attention: Mr. Dennis Jordan

## 1.0 EXECUTIVE SUMMARY

A representative of Pinnacle GeoSciences observed the removal of three unregistered USTs (underground storage tanks) at the former Valetor Cleaners property at 3011 Grand Avenue in Everett, Washington on September 8, 2003. One UST was a 2,000-gallon diesel tank used for heating oil. The other two USTs were 500-gallon USTs reportedly used for Stoddard Solvent - the dry cleaning fluid reportedly used at this site.

The three USTs were removed by Glacier Environmental Services of Mukilteo, Washington. The diesel tank appeared to be in good condition with no evidence of significant corrosion, leaks or incidental releases. Soil from the diesel tank excavation, including soil from around the fill ports of the UST showed no evidence of releases from the UST system. We obtained five samples from the base and sidewalls of the diesel UST. Chemical testing in accordance with regulatory guidance did not detect petroleum-related soil contamination in excess of cleanup levels contained in MTCA (the Model Toxics Control Act) which is the regulation that addresses releases of hazardous substance to oil and ground water.

The smaller 500-gallon USTs appeared corroded and surrounding soil showed evidence of petroleum-related contamination. Fluid and sludge from the USTs was removed and securely stored on-site in drums. Field screening indicated that petroleum was present in soil beneath and surrounding the USTs. Chemical testing of soil samples confirmed that a release of Stoddard Solvent had occurred from the USTs and that tetrachloroethene (also known as perchloroethene or

Perc) was present in soil at a concentration exceeding MTCA Cleanup Levels. Testing of the sludge and tank fluid also confirmed the presence of Stoddard Solvent and tetrachloroethene.

Contaminated soil was present in the base of the excavation and in the sidewalls of the excavation, including the sidewall adjacent to the east side of the building. The extent of the soil contamination was not evaluated during the tank removal.

The confirmed release of Stoddard Solvent should be reported to Ecology's Northwest Regional Office within 24-hours of receipt of this information. We also have an obligation to report the confirmed release within 72 hours.

The presence of tetrachloroethene may limit the disposal alternatives for the sludge and tank fluid which could affect disposal costs.

This summary is provided solely for informational purposes and is intended for use in conjunction with the full text of this report.

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## 2.0 INTRODUCTION AND SCOPE OF SERVICES

This report presents the results of Pinnacle GeoSciences' observations of the removal of three USTs (underground storage tanks) on the former Valetor Cleaners property at 3011 Grand Avenue in Everett Washington. We understand that the USTs were removed as part of a pending sale of the property. Our services were requested by Mr. Steve Miles of Glacier Environmental Services. Our services were provided in accordance with Ecology's regulations regarding removal of USTs. Pinnacle GeoSciences field observations and technical analysis were completed by Mr. Norm Puri, P.E. of Pinnacle GeoSciences who is a registered UST Site Assessor in Washington State. Our services were provided to meet requirements for UST closure under regulations promulgated by Ecology (the Washington State Department of Ecology). Our specific scope of services included:

1. Observe the removal of three underground storage tanks.
2. Observe soil conditions around the USTs and in the limits of the completed excavation, including field screening soils for evidence of petroleum-related contamination.
3. Obtain soil samples from the limit of the tank excavation in general accordance with Ecology guidance.
4. Document the condition of the USTs.
5. Submit soil samples for chemical analysis by Methods NWTPH-G, NWTPH-Dx, and EPA Method 8260.
6. Prepare a written report of our observations and findings.

### 3.0 OBSERVATIONS

On September 8, 2003 we observed the removal of three underground storage tanks from the former Valetor Cleaners property at 3011 Grand Avenue in Everett Washington. The tank removal was conducted by Glacier Environmental Services for Mr. Dennis Jordan, the representative of the property owner. Chemical testing was performed by CCI Analytical, Inc. of Everett, Washington. The analytical reports are attached to this letter.

According to documents provided to us by Mr. Jordan, the site was developed as a dry cleaner business about 16 years ago. Since that time the site has been used for non-dry cleaning related activities as well, including automotive-related activities.

A Phase I ESA of the site completed in 2002 noted that a former AST (above-ground storage tank) was present at the southeast corner of the site and was removed about 9-10 years ago. The use or contents of this AST are unknown. This AST would have been located near or over the two 500-gallon USTs. The Phase I ESA failed to identify the presence of the three USTs reported on herein.

When we arrived on site, the concrete slabs and soil covering the the tops of the USTs were removed and the tops of the USTs were exposed. A representative of the Everett Fire Department arrived on-site and provided authorization to continue with the UST removal.

The diesel fuel UST was located at the northeast corner of the building as shown in Figure 1. Field screening of soil did not indicate the presence of petroleum contaminated soil in the vicinity of the UST. The diesel UST was in good condition with little corrosion and no evidence of holes. There was no indication of soil contamination in the base or sidewalls of the excavation. Ground water was not encountered. Soil samples were obtained from the base and sidewalls of the excavation and from the stockpile of soil removed to allow access to the UST. After the tank was removed from the excavation the stockpiled soil was placed back in the excavation pending the results of chemical testing. Soil samples were tested in accordance with Ecology guidance using Method NWTPH-Dx. The results of this testing are shown in Table 1.

The two 500-gallon USTs were located at the <sup>South</sup> northeast corner of the building as shown in Figure 1. Field screening of soil indicated the presence of petroleum and/or organic vapors in the base and sidewalls of the excavation. The USTs were in poor condition, being moderately corroded with visible pin holes. One UST was empty (UST #2) and the other (UST #1) contained liquid and sludge. We obtained samples of the liquid and sludge for chemical testing. Glacier Environmental Services placed the liquid and sludge in drums for disposal pending characterization of the material. The results of this testing are shown in Table 2.

Table 1 - Diesel Tank Sampling and Analysis Results

Sample Information				NWTPH-DX Analysis Results	
Sample ID	Location	Sheen Test	Vapor Test	Diesel-Range (mg/Kg)	Lube Oil-Range (mg/Kg)
DF-1-10.0	Base	Slight Sheen	0.1	<25	<50
DF-2-8.0	East Wall	Slight Sheen	0.1	<25	<50
DF-4-8.0	South Wall	No Sheen	0.1		
DF-3-8.0	West Wall	No Sheen	0.1	<25	<50
DF-4-8.0	North Wall	No Sheen	0.1		
SP-1-1	Stockpile	No Sheen	0.1	<25	<50
SP-1-2	Stockpile	No Sheen	0.1	<25	70
SP-1-3	Stockpile	No Sheen	0.1	<25	<50
MTCA Method A Cleanup Level (mg/Kg):				2,000	2,000

Individual samples were composited as shown in accordance with Ecology guidance.  
The vapor test measures organic vapors (ppm) using a MiniRae Photoionizing Detector

Table 2 - Tank Contents Sampling and Analysis Results - UST #1

Sample Information	Chemical Testing Results				
	NWTPH-G	NWTPH-DX		EPA 8260*	
	GRH	DRH	LORH	Perc	Tri
UST #1 Sludge	5,600 mg/Kg	3,300 mg/Kg	1,300 mg/Kg	67 mg/Kg	7 mg/Kg
UST #1 Liquid	160,000 mg/L	NT	NT	520 mg/L	<220 mg/L

\* Other analytes were not detected - see laboratory report for more information.  
GRH= "Gasoline-range hydrocarbons, DRH="Diesel-Range Hydrocarbons", LORH=Lube-Oil Range Hydrocarbons"

Perc = Tetrachloroethene, Tri = trichloroethene.

See laboratory reports for detection limits of non-detected volatile organic compounds.

Ground water was not encountered in the excavation for the two 500-gallon USTs. Soil samples were obtained from the base and sidewalls of the excavation and from the stockpile of soil removed to allow access to the USTs. After the tanks were removed from the excavation the stockpiled soil was secured (placed on plastic sheeting and covered) pending the results of chemical testing. Soil samples were tested for the presence of gasoline- diesel- and heavy oil-range petroleum hydrocarbons and for the presence of chlorinated dry cleaning solvents. The results of this testing are shown in Table 3.

Table 3 - Soil Sampling and Analysis Results - 500-gallon USTs

Sample Information				Chemical Testing Results			
				NWTPH-G	NWTPH-DX		EPA 8260*
Sample Name	Location	Sheen Test	Vapor Test	GRH (mg/Kg)	DRH (mg/Kg)	LORH (mg/Kg)	Perc (mg/Kg)
S-1-8.0	South base	NS	2.7	NT	NT	NT	NT
S-2-8.0	North base	NS	780	8,000 ✓	240	170	<20 ✓
S-3-6.0	West wall	HS	975	6,100 ✓	950	520	12 ✓
S-4-5.0	East wall	NS	174	NT	NT	NT	NT
S-5-6.0	North wall	SS	29.4	NT	NT	NT	NT
S-6-5.0	South wall	NS	149	NT	NT	NT	NT
MTCA Method A Cleanup Levels				100	2,000	2,000	0.05

The vapor test measures organic vapors (ppm) using a MiniRae Photoionizing Detector

Sheen Test: HS="High Sheen", MS= "Moderate Sheen", LS = "Low Sheen" and NS = "No Sheen"

GRH="Gasoline-range hydrocarbons, DRH="Diesel-Range Hydrocarbons", LORH=Lube-Oil Range Hydrocarbons"

Perc = Tetrachloroethene, see laboratory reports for detection limits of non-detected volatile organic compounds.

Shaded values exceed MTCA Method A Cleanup Levels. NT signified "Not Tested"

We further evaluated the chromatography for the chemical tests performed to evaluate the types of petroleum present in the samples where petroleum was detected. The samples tested from the 500-gallon UST excavation and the sludge and liquid samples from UST #1 were predominantly a mineral spirit-range petroleum hydrocarbon which is likely Stoddard Solvent. The sludge and two soil samples also contained heavier range petroleum hydrocarbons with a signature typical of motor oil and a lighter refined oil (the liquid sample was not tested for heavier petroleum hydrocarbons). Staining at the ground surface and at the back of the building suggested that heavier oils may have entered the ground near the back sliding door in this area.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

The three USTs were successfully removed from the site. The diesel UST at the northeastern corner of the site showed no evidence of a release and this conclusion was supported by the chemical testing results of surrounding soil. The stockpiled soil removed from the diesel UST excavation can be used as backfill on site. We do not recommend any further action related to the former 2,000-gallon diesel UST.

A release was documented in the vicinity of the two 500-gallon USTs. Soil in the vicinity of the USTs contained Stoddard Solvent and tetrachloroethene at concentrations in excess of MTCA Method A Cleanup Levels. Heavier oil was also present at concentrations less than MTCA Method A Cleanup Levels. The sludge and liquid in one of the USTs contained Stoddard Solvent and tetrachloroethene as well. The condition of the USTs indicated that were the likely source of the release.

We recommend that this release be reported to Ecology. Under the provisions of MTCA this release must be reported to Ecology by the owner within 24 hours of discovery. We are also obligated to report the release within 72 hours. The release was confirmed by the analytical data which we received on September 23, 2003 and are reporting to you in this report.

We further recommend that site conditions be further explored to evaluate the distribution and concentration of soil contaminated with Stoddard Solvent and chlorinated dry cleaning solvents (tetrachloroethene). Soil contaminated with tetrachloroethene may be designated as a Dangerous Waste at this site which would poses limitations to its handling and disposal. We recommend against further excavation until the scope of the residual contamination is better understood.

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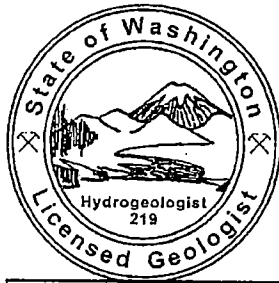
## 5.0 LIMITATIONS

Pinnacle GeoSciences prepared this report for use by Glacier Environmental Services and Dennis Jordan & Associates. This report may be made available to regulatory agencies and to other parties authorized by Dennis Jordan & Associates. The report is not intended for use by others and the information contained herein is not applicable to other sites. Our services address the removal of three underground storage tanks. Soil contamination was observed on the site which we concluded was likely related former USTs and possible other past activities at the site. We did not evaluate the extent and distribution of the contamination observed or further evaluates its source.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted environmental science practices for environmental studies in this area at the time this report was prepared. No warranty or other conditions, expressed or implied, should be understood.

## 6.0 CLOSING

Pinnacle GeoSciences appreciates the opportunity to provide environmental consulting services to you on this project. Please call if you have any questions concerning this report.

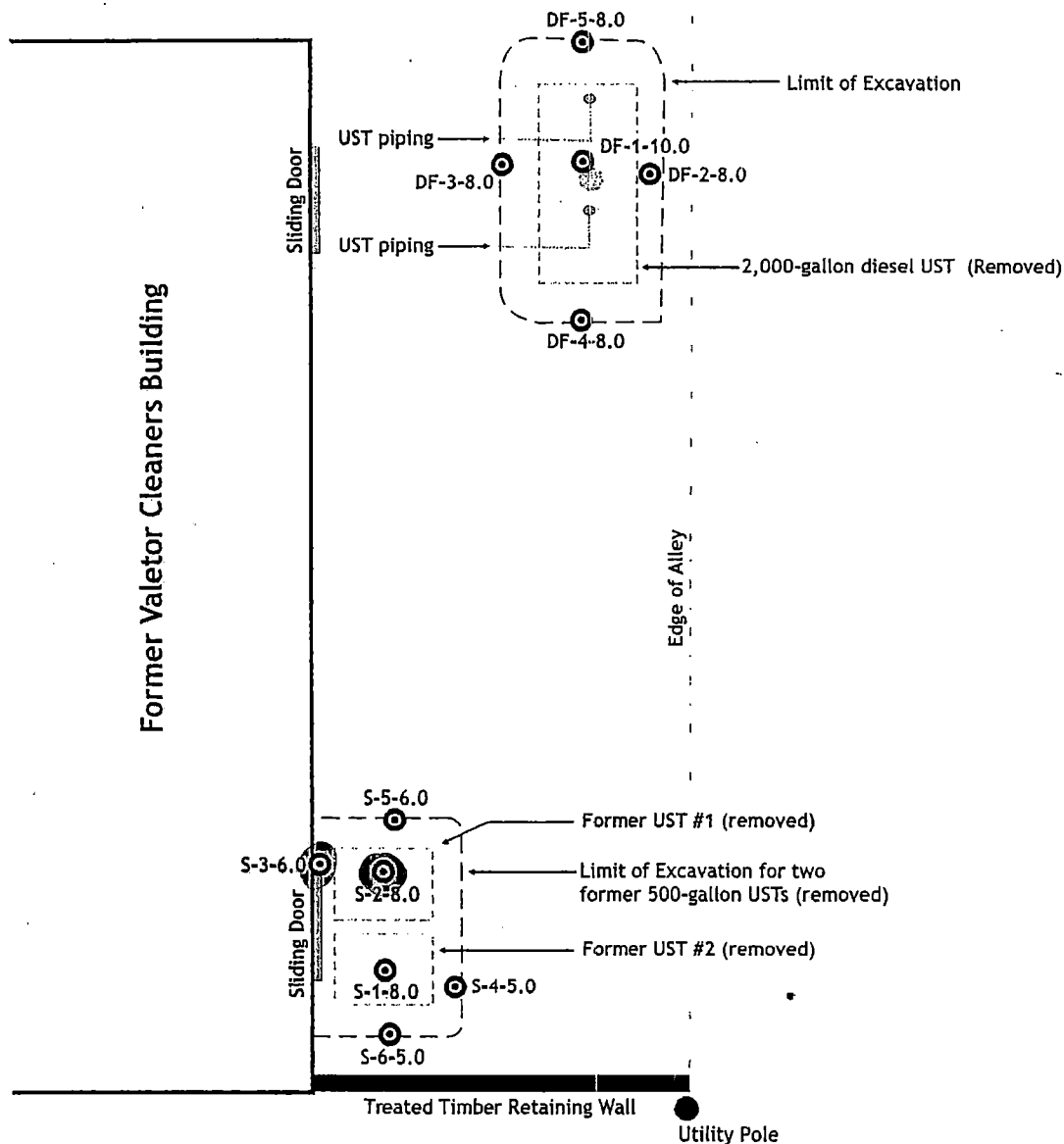


Stephen C. Perrigo

Sincerely,  
Pinnacle GeoSciences, Inc.

Stephen C. Perrigo, P.G.  
Principal

CC: Glacier Environmental Services, Inc.  
Attachments: Figure 1 - Site Plan  
Chemical Testing Results



## Explanation

⊙ Soil sample location and identity.  
S-6-5.0



Scale: 1 inch = 10 feet  
Locations of All Features Shown Are Approximate

**Figure 1**  
**Site Plan**  
**UST Removal**  
**Former Valetor Cleaners**  
**3011 Grand Avenue**  
**Everett, Washington**

Pinnacle GeoSciences





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ANALYTICAL  
LABORATORIES, INC.

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CERTIFICATE OF ANALYSIS

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CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/16/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 1  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: DF-1-10.0 9/8/03

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DATA RESULTS

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ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-SEMIVOLATILE RANGE	NWTPH-DX	ND	MG/KG	9/10/03	DLC

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



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LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/16/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 6  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: SP-1-1 9/8/03

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-SEMIVOLATILE RANGE	NWTPH-DX	ND	MG/KG	9/10/03	DLC

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/16/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 7  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: SP-1-2 9/8/03

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-SEMIVOLATILE RANGE	NWTPH-DX	70	MG/KG	9/10/03	DLC

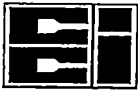
NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/16/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 8  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: SP-1-3 9/8/03

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-SEMIVOLATILE RANGE	NWTPH-DX	ND	MG/KG	9/10/03	DLC

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

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CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 10  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: S-2-8.0 9/8/03

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	8000	MG/KG	9/11/03	LAH
TPH-DIESEL RANGE	NWTPH-DX	240	MG/KG	9/10/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX	170	MG/KG	9/10/03	DLC
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
CHLOROMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
BROMOMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
CHLOROETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
TRICHLOROFLUOROMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<50)	MG/KG	9/22/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
CHLOROFORM	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
CHLOROBENZENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN



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CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 10  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: S-2-8.0 9/8/03

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
BROMOFORM	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
BROMOBENZENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,3-DICHLOROBENZENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<50)	MG/KG	9/22/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<20)	MG/KG	9/22/03	CCN

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS MINERAL SPIRITS, EARLY AND LATE DIESEL RANGE PRODUCT AND LUBE OIL  
EPA-8260 REPORTING LIMIT RAISED DUE TO NON-ANALYTE INTERFERENCE

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 600 MG/KG  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST., SUITE J  
BELLEVUE, WA 98005-4901

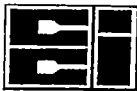
DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 11  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: S-3-6.0 9/8/03

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	6100	MG/KG	9/16/03	LAH
TPH-DIESEL RANGE	NWTPH-DX	950	MG/KG	9/10/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX	520	MG/KG	9/10/03	DLC
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
CHLOROMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
BROMOMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
CHLOROETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
TRICHLOROFLUOROMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
METHYLENE CHLORIDE	EPA-8260	6***	MG/KG	9/11/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
CHLOROFORM	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
TETRACHLOROETHYLENE	EPA-8260	12	MG/KG	9/11/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
CHLOROBENZENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN



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LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 11  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: S-3-6.0 9/8/03

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
BROMOFORM	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
BROMOBENZENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,3-DICHLOROBENZENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<5)	MG/KG	9/11/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<2)	MG/KG	9/11/03	CCN

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS MINERAL SPIRITS, EARLY AND LATE DIESEL RANGE PRODUCT AND LUBE OIL  
DIESEL RESULT BIASED HIGH DUE TO VOLATILE RANGE PRODUCT OVERLAP  
EPA-8260 REPORTING LIMIT RAISED DUE TO NON-ANALYTE INTERFERENCE

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 600 MG/KG  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* RESULT DUE TO LABORATORY CONTAMINATION

APPROVED BY:

CRA





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### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 18  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: UST #1 SLUDGE 9/8/03

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	5600	MG/KG	9/16/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	3300	MG/KG	9/12/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	1300	MG/KG	9/12/03	DLC
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
CHLOROMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
BROMOMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
CHLOROETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
TRICHLOROFLUOROMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<10)	MG/KG	9/11/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
CHLOROFORM	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
TRICHLOROETHENE	EPA-8260	7	MG/KG	9/11/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
TETRACHLOROETHYLENE	EPA-8260	67	MG/KG	9/11/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
CHLOROBENZENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN



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### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 18  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: UST #1 SLUDGE 9/8/03

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
BROMOFORM	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
BROMOBENZENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,3-DICHLOROBENZENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<10)	MG/KG	9/11/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
HEXACHLORO 1,3-BUTADIENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<4)	MG/KG	9/11/03	CCN

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS MINERAL SPIRITS, EARLY AND LATE DIESEL RANGE PRODUCT AND LUBE OIL  
DIESEL RESULT BIASED HIGH DUE TO VOLATILE RANGE PRODUCT OVERLAP  
EPA-8260 REPORTING LIMIT RAISED DUE TO NON-ANALYTE INTERFERENCE

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 600 MG/KG  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CRA



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### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 19  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: UST #1 LIQUID 9/8/03

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
TPH-VOLATILE RANGE	NWTPH-GX	160000	UG/L	9/11/03	LAH
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
CHLOROMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
BROMOMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
CHLOROETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
TRICHLOROFLUOROMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<550)	UG/L	9/10/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
CHLOROFORM	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
TETRACHLOROETHYLENE	EPA-8260	520	UG/L	9/10/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
CHLOROBENZENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
BROMOFORM	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN



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CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 19  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: UST #1 LIQUID 9/8/03

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
BROMOBENZENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,3-DICHLOROBENZENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<550)	UG/L	9/10/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<220)	UG/L	9/10/03	CCN

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY MINERAL SPIRITS  
EPA-8260 REPORTING LIMIT RAISED DUE TO NON-ANALYTE INTERFERENCE

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 5000 UG/L

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

C R



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LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/16/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 20  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: COMPOSITE OF DF-2-8.0 & DF-4-8.0

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-SEMIVOLATILE RANGE	NWTPH-DX	ND	MG/KG	9/11/03	DLC

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

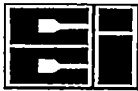
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG

LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

*C. R. A.*



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CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/16/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: 21  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: COMPOSITE OF DF-3-8.0 & DF-5-8.0

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-SEMIVOLATILE RANGE	NWTPH-DX	ND	MG/KG	9/10/03	DLC

\* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES  
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG  
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CRA



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CERTIFICATE OF ANALYSIS

---

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030

DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001

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QUALITY CONTROL RESULTS

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SURROGATE RECOVERY			
CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
309030-01	NWTPH-DX	C25	73
309030-06	NWTPH-DX	C25	88
309030-07	NWTPH-DX	C25	98
309030-08	NWTPH-DX	C25	88
309030-10	NWTPH-GX	TFT	*
309030-10	NWTPH-DX	C25	146
309030-10	EPA-8260	1,2-DCE-d4	104
309030-10	EPA-8260	4-BFB	89
309030-11	NWTPH-GX	TFT	*
309030-11	NWTPH-DX	C25	267**
309030-11	EPA-8260	1,2-DCE-d4	114
309030-11	EPA-8260	4-BFB	125***
309030-18	NWTPH-GX	TFT	*
309030-18	NWTPH-DX	C25	245**
309030-18	EPA-8260	1,2-DCE-d4	148****
309030-18	EPA-8260	4-BFB	392***
309030-19	NWTPH-GX	TFT	98
309030-19	EPA-8260	1,2-DCE-d4	124****
309030-19	EPA-8260	4-BFB	97
309030-20	NWTPH-DX	C25	77
309030-21	NWTPH-DX	C25	96



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### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030

DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001

### QUALITY CONTROL RESULTS

#### BLANK AND DUPLICATE RESULTS

METHOD	BLK RESULT	ASSOC SMPLS	DUP RESULT	ORIG RESULT	%RPD	ASSOC SMPLS
NWTPH-GX (GAS)	ND(<3)	309030-SOILS	ND(<3)	ND(<3)	*****	SAME
NWTPH-GX (GAS)	ND(<50)	309030-19	ND(<50)	ND(<50)	*****	SAME
NWTPH-DX (DSL)	ND(<25)	309030-SOILS	ND(<25)	ND(<25)	*****	SAME
NWTPH-DX (OIL)	ND(<50)	309030-SOILS	ND(<50)	ND(<50)	*****	SAME
EPA-8260	SEE BLANK REPORTS					

#### SPIKE/ SPIKE DUPLICATE RESULTS

METHOD	SPIKE ID	ASSOCIATED SAMPLES	% SPIKE RECOVERY	% SPIKE DUP RECOVERY	REL % DIFF
NWTPH-DX	DIESEL	309030-SOILS	95	N/A	N/A
EPA-8260	1,1 DICHLOROETHENE	309030-11, 18	99	96	3
EPA-8260	TRICHLOROETHENE	309030-11, 18	100	94	6
EPA-8260	CHLOROBENZENE	309030-11, 18	107	108	1
EPA-8260	1,1 DICHLOROETHENE	309030-10	89	92	3
EPA-8260	TRICHLOROETHENE	309030-10	107	110	3
EPA-8260	CHLOROBENZENE	309030-10	98	101	3
EPA-8260	1,1 DICHLOROETHENE	309030-19	105	111	6
EPA-8260	TRICHLOROETHENE	309030-19	105	99	6
EPA-8260	CHLOROBENZENE	309030-19	112	107	4

\* SURROGATE DILUTED OUT OF CALIBRATION RANGE

\*\* SURROGATE OUTSIDE OF CONTROL LIMITS OF 50-150% DUE TO MATRIX INTERFERENCE

\*\*\* SURROGATE OUTSIDE OF CONTROL LIMITS OF 74-121% DUE TO MATRIX INTERFERENCE

\*\*\*\* SURROGATE OUTSIDE OF CONTROL LIMITS OF 70-120% DUE TO MATRIX INTERFERENCE

\*\*\*\*\* %RPD NOT REPORTED FOR VALUES <X5 THE REPORTING LIMIT

APPROVED BY:

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CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: BLK 1  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: METHOD BLANK FOR EPA-8260 SOIL SAMPLES # 11 & 18

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
CHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
BROMOMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
CHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
TRICHLOROFLUOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
METHYLENE CHLORIDE	EPA-8260	1.3***	MG/KG	9/11/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
CHLOROFORM	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
CHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
BROMOFORM	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
BROMOBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN



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### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: BLK 1  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: METHOD BLANK FOR EPA-8260 SOIL SAMPLES # 11 & 18

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
2-CHLOROTOLUENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,3-DICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<0.5)	MG/KG	9/11/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/11/03	CCN

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* RESULT DUE TO LABORATORY CONTAMINATION

APPROVED BY:

CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: BLK 2  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: METHOD BLANK FOR EPA-8260 SOIL SAMPLE #10

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
CHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
BROMOMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
CHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
TRICHLOROFLUOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
METHYLENE CHLORIDE	EPA-8260	0.5***	MG/KG	9/22/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
CHLOROFORM	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
CHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
BROMOFORM	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
BROMOBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN



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13620 NE 20TH ST., SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: BLK 2  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: METHOD BLANK FOR EPA-8260 SOIL SAMPLE #10

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
2-CHLOROTOLUENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,3-DICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<0.5)	MG/KG	9/22/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<0.2)	MG/KG	9/22/03	CCN

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* RESULT DUE TO LABORATORY CONTAMINATION

APPROVED BY:

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CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: BLK 3  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: METHOD BLANK FOR EPA-8260 WATER SAMPLE #19

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
CHLOROMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
BROMOMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
CHLOROETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
TRICHLOROFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<5)	UG/L	9/10/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
CHLOROFORM	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
CHLOROBENZENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
BROMOFORM	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
BROMOBENZENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN



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### CERTIFICATE OF ANALYSIS

CLIENT: PINNACLE GEOSCIENCES  
13620 NE 20TH ST. , SUITE J  
BELLEVUE, WA 98005-4901

DATE: 9/23/03  
CCIL JOB #: 309030  
CCIL SAMPLE #: BLK 3  
DATE RECEIVED: 9/9/03  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: STEVE PERRIGO

CLIENT PROJECT ID: VALETOR CLEANERS 0229-001  
CLIENT SAMPLE ID: METHOD BLANK FOR EPA-8260 WATER SAMPLE #19

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
2-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,3-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<10)	UG/L	9/10/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	9/10/03	CCN

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

CRA