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NTC ORLANDO
5090.3a

PRELIMINARY ASSESSMENT LETTER REPORT SUSPECTED IMPACTED SOIL MCCOY
ANNEX NTC ORLANDO FL
9/15/2003
TETRA TECH

**TETRA TECH NUS, INC.**

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TTNUS/TPA-03-020/2815-5.1

September 15, 2003

Project Number N2815

Mr. David Grabka
Florida Department of Environmental Protection
Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Reference: CLEAN Contract Number N62467-94-D-0888
Contract Task Order Number 0177

Subject: Preliminary Assessment Letter Report
Suspected Petroleum Impacted Soil at McCoy Annex
Former Naval Training Center (NTC)
Orlando, Florida

Dear Mr. Grabka:

Tetra Tech NUS, Inc. (TtNUS) is pleased to submit the Preliminary Assessment Letter Report for the referenced Contract Task Order (CTO). This report was prepared for the United States Navy (Navy) Southern Division, Naval Facilities Engineering Command under CTO 0177 for the Comprehensive Long-term Environmental Action Navy (CLEAN) Contract Number N62467-94-D-0888. This letter report provides the results of a preliminary assessment of suspected petroleum impacted soil found on former Navy property at the McCoy Annex of the former Naval Training Center (NTC) in Orlando, Florida.

Site Summary

On August 4, 2003, the Navy was notified that suspected petroleum impacted soil had been discovered near the intersection of Avenue C and Binnacle Way at McCoy Annex (Figure 1). The suspected petroleum impacted soil was discovered by BE&K/Terranext, while conducting a phase 2 site assessment for Nextel. The impacted soil was in a grassy fenced area previously used by National Guard and/or Army Reserve units for vehicle storage and routine maintenance.

The area in the vicinity of the impacted soil had previously been investigated under the Navy's Installation Restoration Program (IRP) as Study Area (SA) 16. SA 16 was established to evaluate potential environmental impact from motor pool operations at Building 7168 (maintenance yard oil-water separator), Building 7171 (Army motor transportation shop), and Building 7172 (Army battery shop). The results of the IRP investigation indicated that benzo(a)pyrene concentrations in surface soil exceeded the Florida Department of Environmental Protection (FDEP) residential soil cleanup target level (SCTL). A deed restriction was applied to the transfer of the property prohibiting residential reuse of the property until benzo(a)pyrene concentrations in surface soil decrease to less than the FDEP residential SCTL.

Two petroleum underground storage tanks (UST) systems were operated in the vicinity of the suspected petroleum impacted soil. At Building 7175, located approximately 375 feet west-northwest of the impacted soil, three USTs were used for fuel storage. An oil-water separator was also investigated as part of this site. A site rehabilitation completion order (SRCO) was issued for Building 7175 in December 2002.

At Building 7168, located approximately 150 feet north-northwest the impacted soil, one 280 gallon waste oil tank was operated. This tank was approved for clean closure in May 1996, following excavation and removal of the tank.

Site Assessment Activities

On August 4, 2003, the Navy authorized TtNUS to mobilize to the site to conduct a preliminary assessment to verify if petroleum impacted soil was present at the site. Prior to mobilizing to the site, TtNUS personnel contacted BE&K/Terranext to discuss their findings. BE&K/Terranext provided a site sketch showing the locations of the soil borings they installed as part of the phase 2 site assessment. This information was used to determine where to install soil borings for this preliminary assessment. On August 5, 2003, TtNUS personnel mobilized to the site to begin field activities. The field activities included the following:

- Soil headspace screening
- Soil sample collection for laboratory analysis
- Collection of a groundwater sample from a temporary monitoring well for laboratory analysis

The locations of site features and sampling locations are shown on Figure 1.

Soil Headspace Screening

Five soil borings were advanced for the preliminary assessment. The SB-01 soil boring location was selected based on the location of the suspected petroleum impacted soil reported by BE&K/Terranext reported release. The other soil borings were advanced approximately 10 feet to the north, south, east, and west of the SB-01 location. The locations of the soil borings are shown on Figure 1.

Soil samples for headspace screening were collected at two foot intervals from ground surface to the water table/capillary fringe at approximately six feet below land surface (bls) in accordance with the procedures outlined in 62-770.200(8) F.A.C. From each sample interval, two 16-ounce glass jars were half-filled with soil sample, sealed with aluminum foil, and labeled. The soil samples were allowed to equilibrate to ambient air temperature. The FID response to total headspace organic vapors was measured by inserting the FID probe through the foil sample cover and recording the highest instrument reading. If a positive response was observed when screening the first sample jar, a filtered instrument reading was made from the second soil sample jar. A granular activated carbon (GAC) filter was attached to the instrument and a headspace organic vapor measurement was made from the second soil sample. The GAC filter adsorbs heavier organic vapors, such as petroleum hydrocarbons but allows lighter, naturally-occurring organic vapors, such as methane, to be detected by the FID. The filtered concentration was subtracted from the total vapor concentration to determine the corrected FID response.

Soil Screening Results

Significant OVA responses (> 10 ppm) were limited to the SB-01 location. Excessively contaminated soil (>50 ppm) was observed in the 2-4 feet bls and 4-6 feet bls intervals. A strong fuel odor was noted in the 2-4 feet bls interval. Soil screening results are summarized in Table 1 and depicted on Figure 2.

Soil Sample Collection

One soil sample was collected from each of the five soil borings for off-site analysis. The soil samples were collected from the depth intervals with the highest field screening response or from directly above the water table. The locations of the soil borings are shown on Figure 1.

Soil samples were submitted for the following Gasoline Analytical Group/Kerosene Analytical Group (GAG/KAG) analyses:

- Polynuclear aromatic hydrocarbons (PAHs) by United States Environmental Protection Agency (USEPA) SW 846 Method 8310.
- Volatile Organic Compounds (VOCs) by USEPA SW 846 Method 8260B.
- Total Recoverable Petroleum Hydrocarbons (TRPH) by Florida-Petroleum Range Organics (FL-PRO).
- Lead by USEPA SW 846 Method 6010B.

Soil Analytical Results

The analytical results for the soil samples collected for laboratory analysis have been compared to the appropriate SCTLs. The analytical results for the soil samples are summarized in Table 2. The analytes detected in the soil samples are shown on Figure 3. The laboratory analytical reports are included in Attachment B.

TRPH was detected in the soil sample collected from 2-4 feet bls at the SB-01 location at a concentration of 17,900 mg/Kg, which exceeds the industrial SCTL of 2,500 mg/Kg and the leaching SCTL of 340 mg/Kg.

TRPH was detected in the soil samples from SB-03 and SB-04 at concentrations below the SCTL. Lead was detected in each of the soil samples submitted for off-site analysis at concentrations less than the SCTL.

Groundwater Sample Collection

A temporary monitoring well was installed at the SB01 soil boring location. The soil boring was advanced with a hand auger to an approximate depth of nine feet bls for well installation. The temporary well was constructed with five feet of 2-inch inside diameter (ID) PVC well screen and five feet of 2-inch ID PVC riser. The total depth of the installed well was approximately nine feet bls. The static water level in the temporary well following installation was 7.52 feet below the top of the well casing. The location of the temporary well is shown on Figure 1.

The temporary well was purged dry twice with a peristaltic pump using low flow purge technique prior to sample collection. The groundwater sample was collected from the temporary monitoring well in accordance with the current FDEP Standard Operating Procedures (SOPs). After collection, the groundwater sample was placed on ice and transported to Accutest Laboratories, Inc., in Orlando, Florida.

The groundwater sample was submitted for the following GAG/KAG analyses:

- PAHs by USEPA SW 846 Method 8310.
- VOCs by USEPA SW 846 Method 601/602.
- 1,2 Dibromoethane (EDB) by USEPA Method 504.1.
- TRPH by FL-PRO.
- Lead by USEPA SW 846 Method 6010B.

Groundwater Analytical Results

The analytical results for the groundwater sample collected from the temporary well have been compared to the appropriate Groundwater Cleanup Target Levels (GCTLs). The analytical results for the groundwater sample are summarized in Table 3. The analytes detected in the groundwater sample are shown on Figure 4. The laboratory analytical report is included in Attachment B.

TRPH was detected in the groundwater sample at a concentration of 0.673 mg/L, which is less than the GCTL of 5 mg/L. Lead was detected at a concentration of 5.3 µg/L, which is less than the GCTL of 15 µg/L.

PAHs and VOCs were not detected in the groundwater sample collected from the temporary well.

Conclusions and Recommendations

The following findings are based on the results of the preliminary site assessment:

- Significant field soil screening responses were limited to the SB-01 location.
- TRPH was detected in the soil sample collected from 2-4 feet bls at the SB-01 location at a concentration of 17,900 mg/Kg, which exceeds the industrial SCTL of 2,500 mg/Kg and the leaching SCTL of 340 mg/Kg.
- Analytical results from the samples collected from the other soil borings were below SCTLs.
- Analytes detected in the groundwater sample collected from the temporary well installed at SB-01 location were less than GCTLs.

The shallow occurrence and limited aerial extent of the petroleum contamination suggests that the source of hydrocarbons was probably a small, one-time release related to vehicle storage or maintenance activities conducted in the grassy area. Since the TRPH concentration in the soil sample from SB-01 exceeded the industrial and leachability SCTLs, a source removal should be conducted to remove petroleum impacted soil in the area of SB-01.

If you have any questions with regard to this submittal, please contact me by phone at (813) 806-0202, or via e-mail at calliganp@ttnus.com.

Sincerely,



Paul E. Calligan, P.E.
Florida License No. PG-0001864
Date: September 15, 2003
Task Order Manager

PC/wdo

Mr. David Grabka
Florida Department of Environmental Protection
September 15, 2003 – Page 5 of 5

Enclosures

c: Mr. C. Loop, SOUTHDIV
D. Wroblewski, TtNUS (cover letter only)
M. Perry/File, TtNUS (unbound copy)
Project File/Tampa

TABLES

TABLE 1

SOIL HEADSPACE SCREENING RESULTS
 PRELIMINARY ASSESSMENT REPORT
 NAVAL TRAINING CENTER ORLANDO, McCOY ANNEX
 ORLANDO, FLORIDA

SOIL BORING	SAMPLE DEPTH (FT)	OVA DATA (PPM)			COMMENTS
		NONFILTERED	FILTERED	CORRECTED	
SB-01	0-2	25	15	10	
	2-4	> 5,000	0	> 5,000	Strong Fuel Odor
	4-6	568	110	458	Moist
SB-02	0-2	2	0	2	
	2-4	1	0	1	
	4-6	5	1	4	
SB-03	0-2	10	4	6	
	2-4	5	0	5	
	4-6	3	1	2	
SB-04	0-2	2	0	2	
	2-4	5	1	4	
	4-6	2	1	1	
SB-05	0-2	0	0	0	
	2-4	2	1	1	
	4-6	3	1	2	

NOTES:

FT - Feet below grade

PPM - Parts per million

Corrected responses greater than 10 PPM are shaded.

Corrected responses greater than 50 PPM are shown in bold.

TABLE 2
SOIL ANALYTICAL RESULTS
PRELIMINARY ASSESSMENT REPORT
NAVAL TRAINING CENTER ORLANDO, McCOY ANNEX
ORLANDO, FLORIDA

COMPOUND	SCTL		SB ID	OLD-NEX-SB01	OLD-NEX-SB02	OLD-NEX-SB03	OLD-NEX-SB04	OLD-NEX-SB05
	Residential	Leaching	Sample ID	NEXSLSB0104	NEXSLSB0204	NEXSLSB0304	NEXSLSB0404	NEXSLSB0504
			Date	8/6/2003	8/7/2003	8/7/2003	8/7/2003	8/7/2003
			Depth	4 Feet	4 Feet	4 Feet	4 Feet	4 Feet
PAHs:								
Acenaphthene	1,900,000	2,100		<7900	<750	<810	<720	<790
Acenaphthylene	1,100,000	27,000		<7900	<750	<810	<720	<790
Anthracene	18,000,000	2,500,000		<4000	<380	<400	<360	<400
Benzo(a)anthracene	1,400	3,200		<4000	<380	<400	<360	<400
Benzo(a)pyrene	100	8,000		<790	<75	<81	<72	<79
Benzo(b)fluoranthene	1,400	10,000		<790	<75	<81	<72	<79
Benzo(ghi)perylene	2,300,000	32,000,000		<790	<75	<81	<72	<79
Benzo(k)fluoranthene	15,000	25,000		<790	<75	<81	<72	<79
Chrysene	140,000	77,000		<4000	<380	<400	<360	<400
Dibenzo(a,h)anthracene	100	30,000		<790	<75	<81	<72	<79
Fluoranthene	2,900,000	1,200,000		<4000	<380	<400	<360	<400
Fluorene	2,200,000	160,000		<4000	<380	<400	<360	<400
Indeno(1,2,3)pyrene	1,500	28,000		<790	<75	<81	<72	<79
1-Methylnaphthalene	68,000	2,200		<4000	<380	<400	<360	<400
2-Methylnaphthalene	80,000	6,100		<4000	<380	<400	<360	<400
Naphthalene	40,000	1,700		<4000	<380	<400	<360	<400
Phenanthrene	2,000,000	250,000		<4000	<380	<400	<360	<400
Pyrene	2,200,000	880,000		<4000	<380	<400	<360	<400
VOAs:								
Benzene	1,100	7		<190	<3.0	<2.8	<2.9	<3.3
Ethylbenzene	1,100,000	600		<190	<3.0	<2.8	<2.9	<3.3
Toluene	380,000	500		<190	<3.0	<2.8	<2.9	<3.3
Total Xylenes	5,900,000	200		<580	<8.9	<8.5	<8.6	<9.9
OTHER ORGANICS:								
Methyl Tert Butyl Ether	3,200,000	200		<190	<3.0	<2.8	<2.9	<3.3
TRPH (mg/kg)	340	340		17,900	<9.7	6.87	6.67	<9.7
METALS								
Lead (mg/kg)	---	400		2	17.5	12.4	22.1	7

Values reported in micrograms per kilogram except where noted.

SCTL = Soil Cleanup Target Level as defined by Chapter 62-770, F.A.C.

TRPH = Total Recoverable Petroleum Hydrocarbons

Concentrations exceeding SCTLs are shown in bold.

Positive Detections are shaded.

TABLE 3

**GROUNDWATER ANALYTICAL RESULTS
PRELIMINARY ASSESSMENT REPORT
NAVAL TRAINING CENTER ORLANDO, McCOY ANNEX
ORLANDO, FLORIDA**

COMPOUND	GROUNDWATER CLEANUP TARGET LEVEL	MW ID	OLD-NEX-TW01
		Sample ID	NEXGLTW0101
		Date	8/7/2003
PAHs:			
Acenaphthene	20		< 2.0
Acenaphthylene	210		< 8.1
Anthracene	2,100		< 4.0
Benzo(a)anthracene	0.2		< 0.40
Benzo(a)pyrene	0.2		< 0.21
Benzo(b)fluoranthene	0.2		< 0.21
Benzo(ghi)perylene	210		< 0.21
Benzo(k)fluoranthene	0.5		< 0.21
Chrysene	4.8		< 4.0
Dibenzo(a,h)anthracene	0.2		< 0.40
Fluoranthene	280		< 4.0
Fluorene	280		< 4.0
Indeno(1,2,3)pyrene	0.2		< 0.40
Naphthalene	20		< 4.0
1-Methylnaphthalene	20		< 4.0
2-Methylnaphthalene	20		< 4.0
Phenanthrene	120		< 4.0
Pyrene	210		< 4.0
VOAs:			
Benzene	1		< 1.0
Ethylbenzene	30		< 1.0
Toluene	40		< 1.0
Total Xylenes	20		< 3.0
OTHER ORGANICS:			
1,2-Dibromoethane	0.02		< 0.019
1,2-Dichloroethane	3		< 1.0
Methyl Tert Butyl Ether	50		< 1.0
TRPH (mg/l)	5		0.673
METALS:			
Lead	15		5.3

NOTES:

Values reported in micrograms per liter except where noted.

GCTL = Groundwater Cleanup Target Level as defined by Chapter 62-770, F.A.C.

PAHs - Polynuclear Aromatic Hydrocarbons

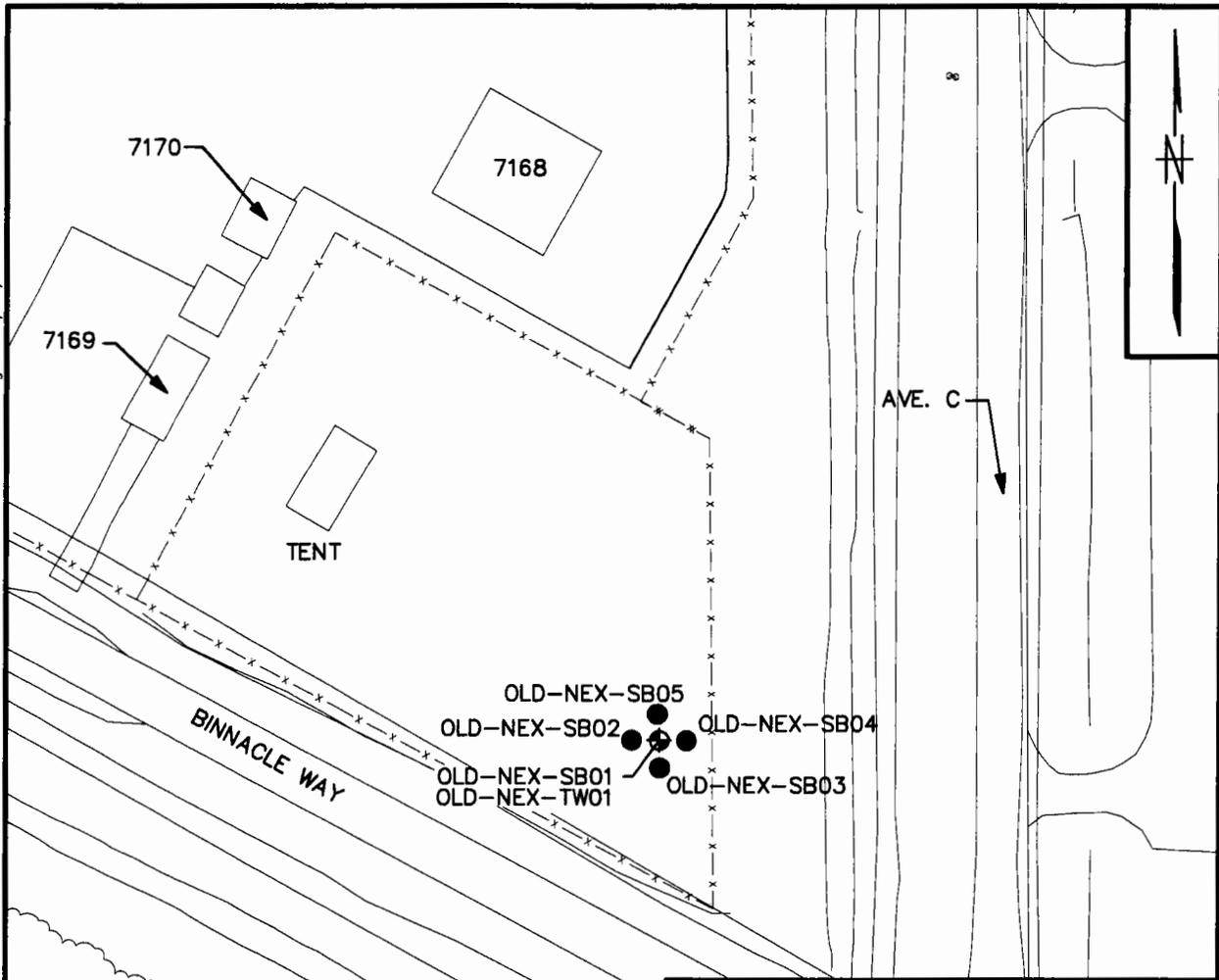
VOAs - Volatile Organic

TRPH = Total Recoverable Petroleum Hydrocarbons

Positive detections are shaded.

FIGURES

ACAD: 2815CP02.dwg 09/15/03 MF PIT



LEGEND:

- OLD-NEX-SB01 SOIL BORING LOCATION
- ⊕ OLD-NEX-TW01 TEMPORARY WELL
OLD-NEX-SB01 LOCATION AND SOIL BORING LOCATION
- x-x-x-x-x-x-x-x- FENCE
- +++++ RAILROAD
- ~~~~~ TREELINE

0 80 160
SCALE IN FEET

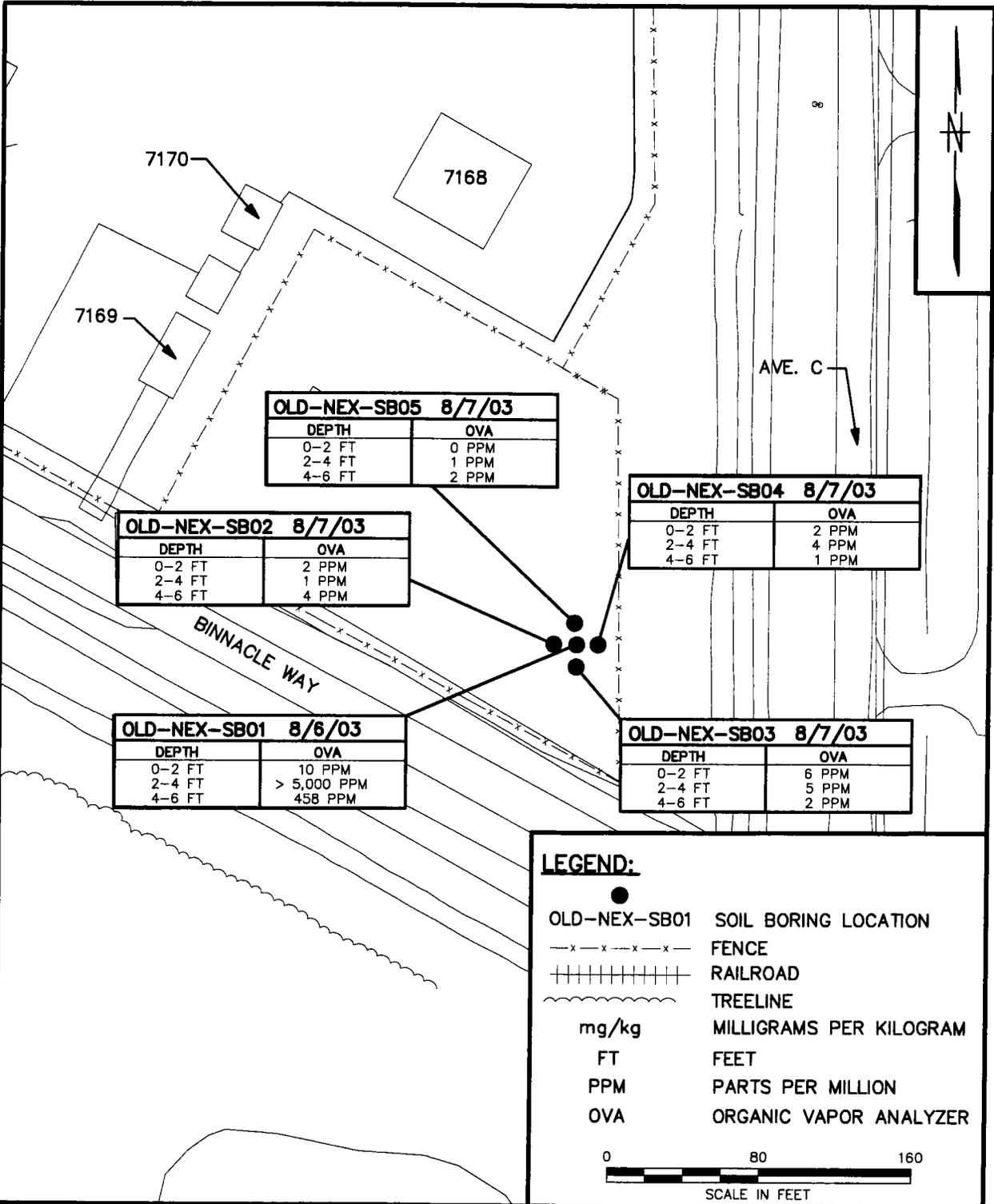
DRAWN BY	DATE
DM	8/25/03
CHECKED BY	DATE
COST/SCHED-AREA	
SCALE	
AS NOTED	



**SOIL BORING AND TEMPORARY
 MONITORING WELL LOCATION**
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CONTRACT NO. 2815	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 1	REV. 0

ACAD: 2815CP05.dwg 09/15/03 MF PIT



OLD-NEX-SB05 8/7/03

DEPTH	OVA
0-2 FT	0 PPM
2-4 FT	1 PPM
4-6 FT	2 PPM

OLD-NEX-SB04 8/7/03

DEPTH	OVA
0-2 FT	2 PPM
2-4 FT	4 PPM
4-6 FT	1 PPM

OLD-NEX-SB02 8/7/03

DEPTH	OVA
0-2 FT	2 PPM
2-4 FT	1 PPM
4-6 FT	4 PPM

OLD-NEX-SB01 8/6/03

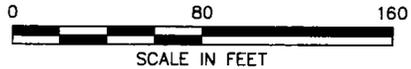
DEPTH	OVA
0-2 FT	10 PPM
2-4 FT	> 5,000 PPM
4-6 FT	458 PPM

OLD-NEX-SB03 8/7/03

DEPTH	OVA
0-2 FT	6 PPM
2-4 FT	5 PPM
4-6 FT	2 PPM

LEGEND:

- OLD-NEX-SB01 SOIL BORING LOCATION
- x-x-x-x-x-x- FENCE
- +++++ RAILROAD
- ~~~~~ TREELINE
- mg/kg MILLIGRAMS PER KILOGRAM
- FT FEET
- PPM PARTS PER MILLION
- OVA ORGANIC VAPOR ANALYZER



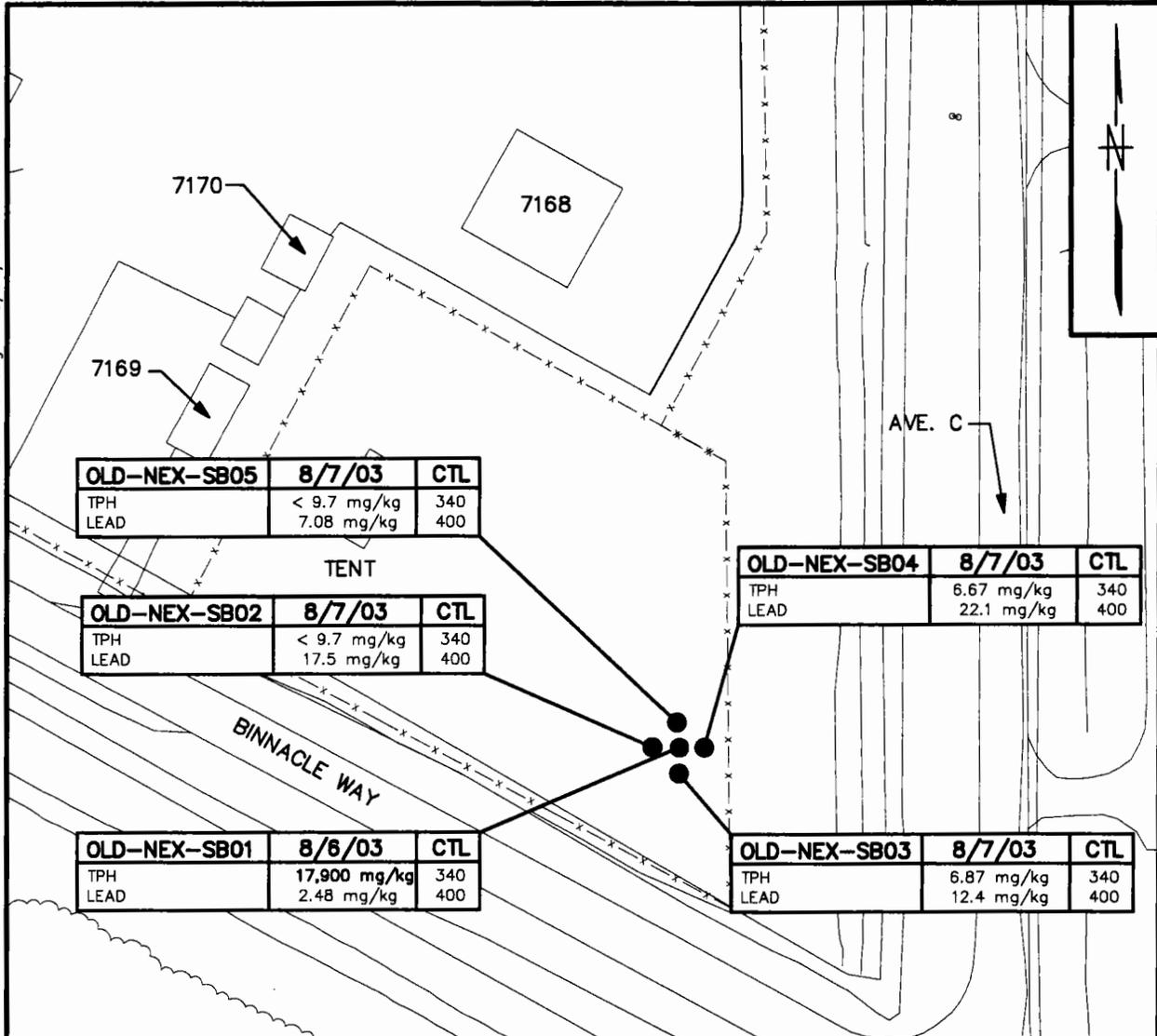
DRAWN BY	DATE
MF	9/15/03
CHECKED BY	DATE
COST/SCHED-AREA	
SCALE	
AS NOTED	



SOIL SCREENING RESULTS
NEXTEL SITE
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CONTRACT NO.	
2815	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO.	REV.
FIGURE 2	0

ACAD: 2815CP04.dwg 08/29/03 DM PIT



OLD-NEX-SB05	8/7/03	CTL
TPH	< 9.7 mg/kg	340
LEAD	7.08 mg/kg	400

OLD-NEX-SB02	8/7/03	CTL
TPH	< 9.7 mg/kg	340
LEAD	17.5 mg/kg	400

OLD-NEX-SB01	8/6/03	CTL
TPH	17,900 mg/kg	340
LEAD	2.48 mg/kg	400

OLD-NEX-SB04	8/7/03	CTL
TPH	6.67 mg/kg	340
LEAD	22.1 mg/kg	400

OLD-NEX-SB03	8/7/03	CTL
TPH	6.87 mg/kg	340
LEAD	12.4 mg/kg	400

LEGEND:

- OLD-NEX-SB01 SOIL BORING LOCATION
- x-x-x-x-x-x- FENCE
- + + + + + RAILROAD
- ~~~~~ TREELINE
- mg/kg MILLIGRAMS PER KILOGRAM

SCALE IN FEET

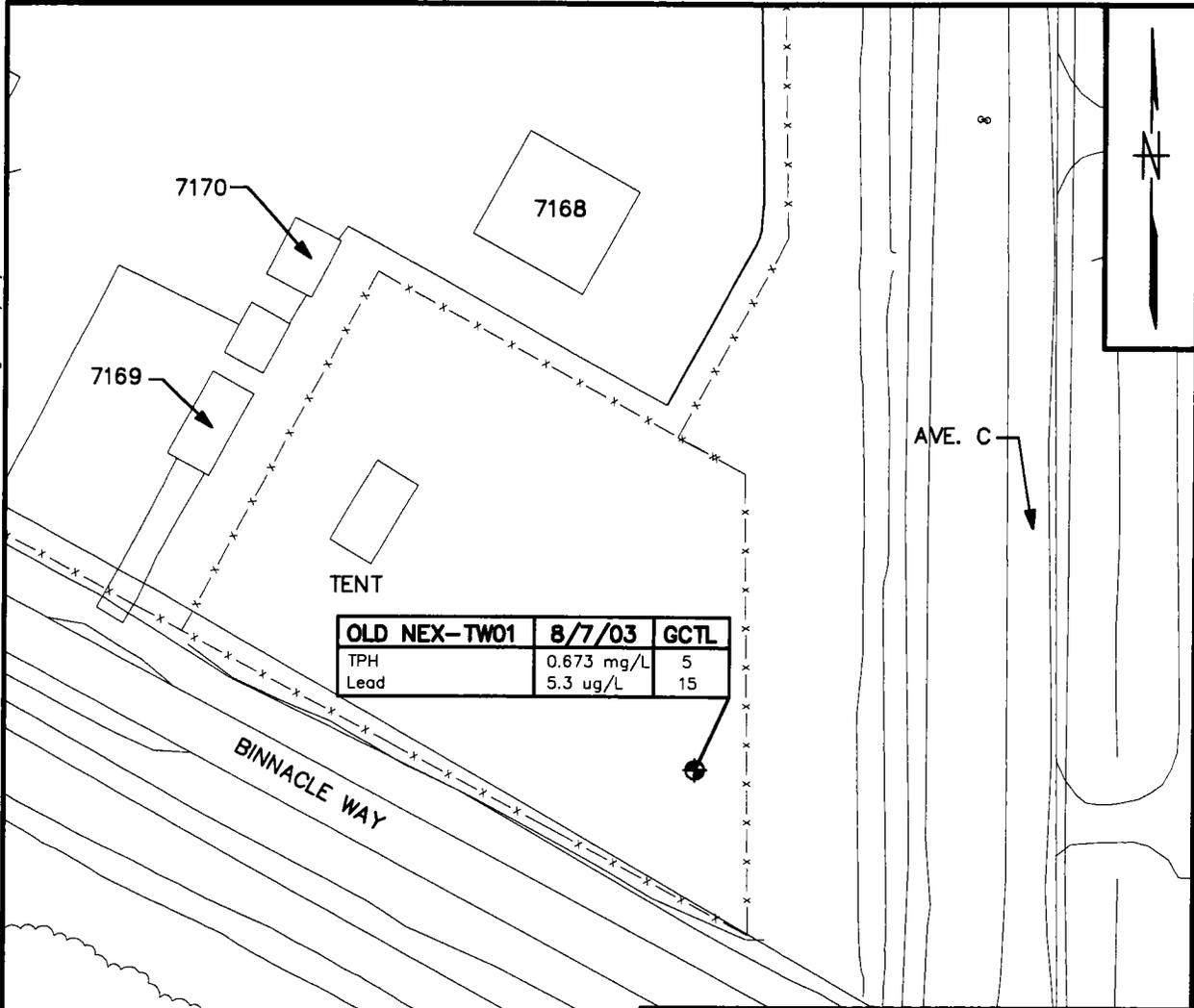
DRAWN BY	DATE
DM	8/29/03
CHECKED BY	DATE
COST/SCHED-AREA	
SCALE	
AS NOTED	



SOIL ANALYTICAL RESULTS
NEXTEL SITE
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CONTRACT NO. 2815	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 3	REV. 0

ACAD: 2815CP03.dwg 09/15/03 MF PIT



OLD NEX-TW01	8/7/03	GCTL
TPH	0.673 mg/L	5
Lead	5.3 ug/L	15

LEGEND:

- OLD-NEX-TW01 TEMPORARY WELL
- FENCE
- RAILROAD
- TREELINE
- mg/L MILLIGRAMS PER LITER
- ug/L MICROGRAMS PER LITER

0 80 160
SCALE IN FEET

DRAWN BY	DATE
DM	8/25/03
CHECKED BY	DATE
COST/SCHED-AREA	
SCALE	
AS NOTED	



GROUNDWATER ANALYTICAL RESULTS
 NEXTEL SITE
 MCCOY ANNEX
 NAVAL TRAINING CENTER
 ORLANDO, FLORIDA

CONTRACT NO. 2815	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 4	REV. 0

ATTACHMENT A
FIELD DATA FORMS

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

Technical Report for

Tetra Tech, NUS

Nextel NTC Orlando

CTO 177 N2815 WR#370

Accutest Job Number: F18953

Report to:

Total number of pages in report: 171



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Sample Summary

Tetra Tech, NUS

Job No: F18953

Nextel NTC Orlando

Project No: CTO 177 N2815 WR#370

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F18953-1	08/06/03	12:15 GB	08/07/03	SO	Soil	NEXSLSB0104
F18953-2	08/07/03	11:30 GB	08/07/03	AQ	Water	NEXGLTW0101

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	NEXSLSB0104	Date Sampled:	08/06/03
Lab Sample ID:	F18953-1	Date Received:	08/07/03
Matrix:	SO - Soil	Percent Solids:	81.1
Method:	SW846 8260B		
Project:	Nextel NTC Orlando		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	K013986.D	1	08/19/03	NAF	n/a	n/a	VK590
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.92 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	190	78	ug/kg	
75-27-4	Bromodichloromethane	ND	190	78	ug/kg	
75-25-2	Bromoform	ND	190	78	ug/kg	
108-90-7	Chlorobenzene	ND	190	78	ug/kg	
75-00-3	Chloroethane	ND	190	78	ug/kg	
67-66-3	Chloroform	ND	190	78	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	970	390	ug/kg	
56-23-5	Carbon tetrachloride	ND	190	78	ug/kg	
75-34-3	1,1-Dichloroethane	ND	190	78	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	190	120	ug/kg	
107-06-2	1,2-Dichloroethane	ND	190	78	ug/kg	
78-87-5	1,2-Dichloropropane	ND	190	78	ug/kg	
124-48-1	Dibromochloromethane	ND	190	78	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	190	78	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	190	78	ug/kg	
541-73-1	m-Dichlorobenzene	ND	190	78	ug/kg	
95-50-1	o-Dichlorobenzene	ND	190	78	ug/kg	
106-46-7	p-Dichlorobenzene	ND	190	78	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	190	78	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	190	78	ug/kg	
100-41-4	Ethylbenzene	ND	190	78	ug/kg	
74-83-9	Methyl bromide	ND	190	78	ug/kg	
74-87-3	Methyl chloride	ND	190	78	ug/kg	
75-09-2	Methylene chloride	ND	390	190	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	190	78	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	190	78	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	190	78	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	190	78	ug/kg	
127-18-4	Tetrachloroethylene	ND	190	78	ug/kg	
108-88-3	Toluene	ND	190	78	ug/kg	
79-01-6	Trichloroethylene	ND	190	78	ug/kg	
75-01-4	Vinyl chloride	ND	190	97	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0104	
Lab Sample ID: F18953-1	Date Sampled: 08/06/03
Matrix: SO - Soil	Date Received: 08/07/03
Method: SW846 8260B	Percent Solids: 81.1
Project: Nextel NTC Orlando	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
1330-20-7	Xylene (total)	ND	580	180	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	98%		79-121%
460-00-4	4-Bromofluorobenzene	100%		77-133%
17060-07-0	1,2-Dichloroethane-D4	102%		72-133%

(a) Methanol extract analysis required due to matrix interference (non-target analytes present above calibration range).

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0104	Date Sampled: 08/06/03
Lab Sample ID: F18953-1	Date Received: 08/07/03
Matrix: SO - Soil	Percent Solids: 81.1
Method: EPA 8310 SW846 3550B	
Project: Nextel NTC Orlando	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	EE017265.D	10	08/15/03	SM	08/13/03	OP8218	GEE727
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.2 g	5.0 ml
Run #2		

Polynuclear Aromatic Hydrocarbons

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	7900	2000	ug/kg	
208-96-8	Acenaphthylene	ND	7900	2000	ug/kg	
120-12-7	Anthracene	ND	4000	2000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	4000	990	ug/kg	
50-32-8	Benzo(a)pyrene	ND	790	200	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	790	200	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	790	200	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	790	200	ug/kg	
218-01-9	Chrysene	ND	4000	990	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	790	200	ug/kg	
206-44-0	Fluoranthene	ND	4000	990	ug/kg	
86-73-7	Fluorene	ND	4000	2000	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	790	200	ug/kg	
91-20-3	Naphthalene	ND	4000	990	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4000	990	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4000	990	ug/kg	
85-01-8	Phenanthrene	ND	4000	2000	ug/kg	
129-00-0	Pyrene	ND	4000	990	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	118%		38-139%
92-94-4	p-Terphenyl	65%		46-149%

(a) Dilution required due to matrix interference.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0104 Lab Sample ID: F18953-1 Matrix: SO - Soil Method: FLORIDA-PRO SW846 3550B Project: Nextel NTC Orlando	Date Sampled: 08/06/03 Date Received: 08/07/03 Percent Solids: 81.1
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP31124.D	200	08/14/03	SM	08/13/03	OP8213	GOP1046
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	17900	2000	1300	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	0% ^a		57-127%		

(a) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0104 Lab Sample ID: F18953-1 Matrix: SO - Soil Project: Nextel NTC Orlando	Date Sampled: 08/06/03 Date Received: 08/07/03 Percent Solids: 81.1
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Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	2.4 B	12	0.15	mg/kg	1	08/09/03	08/12/03 DM	SW846 6010B	SW846 3050B

RL = Reporting Limit
 IDL = Instrument Detection Limit

U = Indicates a result < IDL
 B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	NEXGLTW0101	
Lab Sample ID:	F18953-2	Date Sampled: 08/07/03
Matrix:	AQ - Water	Date Received: 08/07/03
Method:	EPA 601/602	Percent Solids: n/a
Project:	Nextel NTC Orlando	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR018016.D	1	08/08/03	BM	n/a	n/a	GQR742
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
74-83-9	Bromomethane	ND	1.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-00-3	Chloroethane	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethylvinyl ether	ND	1.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
79-34-5	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXGLTW0101	
Lab Sample ID: F18953-2	Date Sampled: 08/07/03
Matrix: AQ - Water	Date Received: 08/07/03
Method: EPA 601/602	Percent Solids: n/a
Project: Nextel NTC Orlando	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
352-33-0	1-Chloro-4-fluorobenzene	91%		74-127%
352-33-0	1-Chloro-4-fluorobenzene	96%		74-127%
563-58-6	1,1-Dichloropropene	98%		87-120%
563-58-6	1,1-Dichloropropene	104%		87-120%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXGLTW0101 Lab Sample ID: F18953-2 Matrix: AQ - Water Method: EPA 504.1 EPA 504 Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/07/03 Percent Solids: n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ST21787.D	1	08/15/03	SKW	08/14/03	OP8231	GST744
Run #2							

Run #	Initial Volume	Final Volume
Run #1	37.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0093	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	103%		60-140%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NEXGLTW0101	Date Sampled:	08/07/03
Lab Sample ID:	F18953-2	Date Received:	08/07/03
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	EPA 8310 SW846 3510C		
Project:	Nextel NTC Orlando		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	EE017288.D	2	08/15/03	SM	08/12/03	OP8205	GEE727
Run #2							

Run #	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

Polynuclear Aromatic Hydrocarbons

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	8.1	2.0	ug/l	
208-96-8	Acenaphthylene	ND	8.1	2.0	ug/l	
120-12-7	Anthracene	ND	4.0	2.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.40	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.40	0.20	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.40	0.20	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.40	0.20	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.40	0.20	ug/l	
218-01-9	Chrysene	ND	4.0	2.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.40	0.20	ug/l	
206-44-0	Fluoranthene	ND	4.0	1.0	ug/l	
86-73-7	Fluorene	ND	4.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.40	0.20	ug/l	
91-20-3	Naphthalene	ND	4.0	1.0	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.0	1.0	ug/l	
85-01-8	Phenanthrene	ND	4.0	2.0	ug/l	
129-00-0	Pyrene	ND	4.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		32-142%
92-94-4	p-Terphenyl	77%		30-128%

(a) Confirmed ND by GCMS. Dilution required due to matrix interference.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXGLTW0101 Lab Sample ID: F18953-2 Matrix: AQ - Water Method: FLORIDA-PRO SW846 3510C Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/07/03 Percent Solids: n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP31053.D	1	08/11/03	SM	08/08/03	OP8185	GOP1043
Run #2							

Run #	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.673	0.25	0.17	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	93%		51-125%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXGLTW0101 Lab Sample ID: F18953-2 Matrix: AQ - Water Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/07/03 Percent Solids: n/a
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Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	5.3	5.0	1.2	ug/l	1	08/13/03	08/13/03 DM	SW846 6010B	SW846 3010A

RL = Reporting Limit
 IDL = Instrument Detection Limit

U = Indicates a result < IDL
 B = Indicates a result > = IDL but < RL

Technical Report for

Tetra Tech, NUS

Nextel NTC Orlando

CTO 177 N2815 WR#370

Accutest Job Number: F18955

Report to:

Total number of pages in report: 95



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Sample Summary

Tetra Tech, NUS

Job No: F18955

Nextel NTC Orlando

Project No: CTO 177 N2815 WR#370

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F18955-1	08/07/03	18:00 GB	08/08/03	SO	Soil	NEXSLSB0205
F18955-2	08/07/03	18:30 GB	08/08/03	SO	Soil	NEXSLSB0305
F18955-3	08/07/03	19:00 GB	08/08/03	SO	Soil	NEXSLSB0405
F18955-4	08/07/03	17:30 GB	08/08/03	SO	Soil	NEXSLSB0505

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	NEXSLSB0205	Date Sampled:	08/07/03
Lab Sample ID:	F18955-1	Date Received:	08/08/03
Matrix:	SO - Soil	Percent Solids:	87.2
Method:	SW846 8260B		
Project:	Nextel NTC Orlando		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H021874.D	1	08/18/03	NAF	n/a	n/a	VH794
Run #2							

Run #	Initial Weight
Run #1	9.69 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	3.0	1.2	ug/kg	
75-27-4	Bromodichloromethane	ND	3.0	1.2	ug/kg	
75-25-2	Bromoform	ND	3.0	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	3.0	1.2	ug/kg	
75-00-3	Chloroethane	ND	3.0	1.2	ug/kg	
67-66-3	Chloroform	ND	3.0	1.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	15	5.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.0	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.0	1.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.0	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.0	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.0	1.2	ug/kg	
124-48-1	Dibromochloromethane	ND	3.0	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.0	1.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.0	1.2	ug/kg	
541-73-1	m-Dichlorobenzene	ND	3.0	1.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	3.0	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	3.0	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.0	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	3.0	1.2	ug/kg	
74-83-9	Methyl bromide	ND	3.0	1.2	ug/kg	
74-87-3	Methyl chloride	ND	3.0	1.2	ug/kg	
75-09-2	Methylene chloride	ND	5.9	3.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.0	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.0	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.0	1.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.0	1.2	ug/kg	
108-88-3	Toluene	ND	3.0	1.2	ug/kg	
79-01-6	Trichloroethylene	ND	3.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	3.0	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0205	Date Sampled: 08/07/03
Lab Sample ID: F18955-1	Date Received: 08/08/03
Matrix: SO - Soil	Percent Solids: 87.2
Method: SW846 8260B	
Project: Nextel NTC Orlando	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
1330-20-7	Xylene (total)	ND	8.9	2.7	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
1868-53-7	Dibromofluoromethane	106%		70-130%		
2037-26-5	Toluene-D8	105%		79-121%		
460-00-4	4-Bromofluorobenzene	107%		77-133%		
17060-07-0	1,2-Dichloroethane-D4	108%		72-133%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NEXSLSB0205	
Lab Sample ID:	F18955-1	Date Sampled: 08/07/03
Matrix:	SO - Soil	Date Received: 08/08/03
Method:	EPA 8310 SW846 3550B	Percent Solids: 87.2
Project:	Nextel NTC Orlando	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE017254.D	1	08/14/03	SM	08/13/03	OP8218	GEE726
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.5 g	5.0 ml
Run #2		

Polynuclear Aromatic Hydrocarbons

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	750	190	ug/kg	
208-96-8	Acenaphthylene	ND	750	190	ug/kg	
120-12-7	Anthracene	ND	380	190	ug/kg	
56-55-3	Benzo(a)anthracene	ND	380	94	ug/kg	
50-32-8	Benzo(a)pyrene	ND	75	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	75	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	75	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	75	19	ug/kg	
218-01-9	Chrysene	ND	380	94	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	75	19	ug/kg	
206-44-0	Fluoranthene	ND	380	94	ug/kg	
86-73-7	Fluorene	ND	380	190	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	75	19	ug/kg	
91-20-3	Naphthalene	ND	380	94	ug/kg	
90-12-0	1-Methylnaphthalene	ND	380	94	ug/kg	
91-57-6	2-Methylnaphthalene	ND	380	94	ug/kg	
85-01-8	Phenanthrene	ND	380	190	ug/kg	
129-00-0	Pyrene	ND	380	94	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		38-139%
92-94-4	p-Terphenyl	94%		46-149%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0205 Lab Sample ID: F18955-1 Matrix: SO - Soil Method: FLORIDA-PRO SW846 3550B Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/08/03 Percent Solids: 87.2
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP31084.D	1	08/13/03	SM	08/13/03	OP8213	GOP1045
Run #2							

Run #	Initial Weight	Final Volume
Run #1	29.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	9.7	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		57-127%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0205 Lab Sample ID: F18955-1 Matrix: SO - Soil Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/08/03 Percent Solids: 87.2
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Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	17.5	11	0.14	mg/kg	1	08/16/03	08/18/03 DM	SW846 6010B	SW846 3050B

RL = Reporting Limit
 IDL = Instrument Detection Limit

U = Indicates a result < IDL
 B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	NEXSLSB0305	Date Sampled:	08/07/03
Lab Sample ID:	F18955-2	Date Received:	08/08/03
Matrix:	SO - Soil	Percent Solids:	84.9
Method:	SW846 8260B		
Project:	Nextel NTC Orlando		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H021875.D	1	08/18/03	NAF	n/a	n/a	VH794
Run #2							

Run #	Initial Weight
Run #1	10.4 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.8	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	1.1	ug/kg	
75-25-2	Bromoform	ND	2.8	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	1.1	ug/kg	
75-00-3	Chloroethane	ND	2.8	1.1	ug/kg	
67-66-3	Chloroform	ND	2.8	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	14	5.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.8	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.8	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	2.8	1.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.8	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	2.8	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	2.8	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	2.8	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	2.8	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	2.8	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	2.8	1.1	ug/kg	
74-83-9	Methyl bromide	ND	2.8	1.1	ug/kg	
74-87-3	Methyl chloride	ND	2.8	1.1	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.8	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	2.8	1.1	ug/kg	
108-88-3	Toluene	ND	2.8	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	2.8	1.1	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	1.4	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0305	Date Sampled: 08/07/03
Lab Sample ID: F18955-2	Date Received: 08/08/03
Matrix: SO - Soil	Percent Solids: 84.9
Method: SW846 8260B	
Project: Nextel NTC Orlando	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
1330-20-7	Xylene (total)	ND	8.5	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	101%		79-121%
460-00-4	4-Bromofluorobenzene	103%		77-133%
17060-07-0	1,2-Dichloroethane-D4	109%		72-133%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NEXSLSB0305	
Lab Sample ID:	F18955-2	Date Sampled: 08/07/03
Matrix:	SO - Soil	Date Received: 08/08/03
Method:	EPA 8310 SW846 3550B	Percent Solids: 84.9
Project:	Nextel NTC Orlando	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE017255.D	1	08/14/03	SM	08/13/03	OP8218	GEE726
Run #2							

Run #	Initial Weight	Final Volume
Run #1	29.2 g	5.0 ml
Run #2		

Polynuclear Aromatic Hydrocarbons

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	810	200	ug/kg	
208-96-8	Acenaphthylene	ND	810	200	ug/kg	
120-12-7	Anthracene	ND	400	200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	400	100	ug/kg	
50-32-8	Benzo(a)pyrene	ND	81	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	81	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	81	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	81	20	ug/kg	
218-01-9	Chrysene	ND	400	100	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	81	20	ug/kg	
206-44-0	Fluoranthene	ND	400	100	ug/kg	
86-73-7	Fluorene	ND	400	200	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	81	20	ug/kg	
91-20-3	Naphthalene	ND	400	100	ug/kg	
90-12-0	1-Methylnaphthalene	ND	400	100	ug/kg	
91-57-6	2-Methylnaphthalene	ND	400	100	ug/kg	
85-01-8	Phenanthrene	ND	400	200	ug/kg	
129-00-0	Pyrene	ND	400	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		38-139%
92-94-4	p-Terphenyl	101%		46-149%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0305 Lab Sample ID: F18955-2 Matrix: SO - Soil Method: FLORIDA-PRO SW846 3550B Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/08/03 Percent Solids: 84.9
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP31085.D	1	08/13/03	SM	08/13/03	OP8213	GOP1045
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	6.87	9.6	6.5	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		57-127%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0305	Date Sampled: 08/07/03
Lab Sample ID: F18955-2	Date Received: 08/08/03
Matrix: SO - Soil	Percent Solids: 84.9
Project: Nextel NTC Orlando	

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	12.4	12	0.15	mg/kg	1	08/16/03	08/18/03 DM	SW846 6010B	SW846 3050B

RL = Reporting Limit
 IDL = Instrument Detection Limit

U = Indicates a result < IDL
 B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID: NEXSLSB0405	Date Sampled: 08/07/03
Lab Sample ID: F18955-3	Date Received: 08/08/03
Matrix: SO - Soil	Percent Solids: 88.7
Method: SW846 8260B	
Project: Nextel NTC Orlando	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H021876.D	1	08/19/03	NAF	n/a	n/a	VH794
Run #2							

Run #	Initial Weight
Run #1	9.84 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.9	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	2.9	1.1	ug/kg	
75-25-2	Bromoform	ND	2.9	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	2.9	1.1	ug/kg	
75-00-3	Chloroethane	ND	2.9	1.1	ug/kg	
67-66-3	Chloroform	ND	2.9	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	14	5.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.9	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.9	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	2.9	1.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.9	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.9	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.9	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	2.9	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	2.9	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	2.9	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	2.9	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	2.9	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	2.9	1.1	ug/kg	
74-83-9	Methyl bromide	ND	2.9	1.1	ug/kg	
74-87-3	Methyl chloride	ND	2.9	1.1	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.9	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.9	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.9	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	2.9	1.1	ug/kg	
108-88-3	Toluene	ND	2.9	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	2.9	1.1	ug/kg	
75-01-4	Vinyl chloride	ND	2.9	1.4	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0405	Date Sampled: 08/07/03
Lab Sample ID: F18955-3	Date Received: 08/08/03
Matrix: SO - Soil	Percent Solids: 88.7
Method: SW846 8260B	
Project: Nextel NTC Orlando	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
1330-20-7	Xylene (total)	ND	8.6	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	101%		79-121%
460-00-4	4-Bromofluorobenzene	104%		77-133%
17060-07-0	1,2-Dichloroethane-D4	114%		72-133%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0405	Date Sampled: 08/07/03
Lab Sample ID: F18955-3	Date Received: 08/08/03
Matrix: SO - Soil	Percent Solids: 88.7
Method: EPA 8310 SW846 3550B	
Project: Nextel NTC Orlando	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE017256.D	1	08/14/03	SM	08/13/03	OP8218	GEE726
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.2 g	5.0 ml
Run #2		

Polynuclear Aromatic Hydrocarbons

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	720	180	ug/kg	
208-96-8	Acenaphthylene	ND	720	180	ug/kg	
120-12-7	Anthracene	ND	360	180	ug/kg	
56-55-3	Benzo(a)anthracene	ND	360	90	ug/kg	
50-32-8	Benzo(a)pyrene	ND	72	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	72	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	72	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	72	18	ug/kg	
218-01-9	Chrysene	ND	360	90	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	72	18	ug/kg	
206-44-0	Fluoranthene	ND	360	90	ug/kg	
86-73-7	Fluorene	ND	360	180	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	72	18	ug/kg	
91-20-3	Naphthalene	ND	360	90	ug/kg	
90-12-0	1-Methylnaphthalene	ND	360	90	ug/kg	
91-57-6	2-Methylnaphthalene	ND	360	90	ug/kg	
85-01-8	Phenanthrene	ND	360	180	ug/kg	
129-00-0	Pyrene	ND	360	90	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		38-139%
92-94-4	p-Terphenyl	103%		46-149%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0405 Lab Sample ID: F18955-3 Matrix: SO - Soil Method: FLORIDA-PRO SW846 3550B Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/08/03 Percent Solids: 88.7
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP31086.D	1	08/13/03	SM	08/13/03	OP8213	GOP1045
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	6.67	9.1	6.2	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		57-127%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0405 Lab Sample ID: F18955-3 Matrix: SO - Soil Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/08/03 Percent Solids: 88.7
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Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	22.1	12	0.14	mg/kg	1	08/16/03	08/18/03 DM	SW846 6010B	SW846 3050B

RL = Reporting Limit
 IDL = Instrument Detection Limit

U = Indicates a result < IDL
 B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	NEXSLSB0505	Date Sampled:	08/07/03
Lab Sample ID:	F18955-4	Date Received:	08/08/03
Matrix:	SO - Soil	Percent Solids:	82.9
Method:	SW846 8260B		
Project:	Nextel NTC Orlando		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H021877.D	1	08/19/03	NAF	n/a	n/a	VH794
Run #2							

Run #	Initial Weight
Run #1	9.17 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	3.3	1.3	ug/kg	
75-27-4	Bromodichloromethane	ND	3.3	1.3	ug/kg	
75-25-2	Bromoform	ND	3.3	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	3.3	1.3	ug/kg	
75-00-3	Chloroethane	ND	3.3	1.3	ug/kg	
67-66-3	Chloroform	ND	3.3	1.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	16	6.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.3	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.3	1.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.3	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.3	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.3	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	3.3	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.3	1.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.3	1.3	ug/kg	
541-73-1	m-Dichlorobenzene	ND	3.3	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	3.3	1.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	3.3	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.3	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.3	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	3.3	1.3	ug/kg	
74-83-9	Methyl bromide	ND	3.3	1.3	ug/kg	
74-87-3	Methyl chloride	ND	3.3	1.3	ug/kg	
75-09-2	Methylene chloride	ND	6.6	3.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.3	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.3	1.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.3	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.3	1.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.3	1.3	ug/kg	
108-88-3	Toluene	ND	3.3	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	3.3	1.3	ug/kg	
75-01-4	Vinyl chloride	ND	3.3	1.6	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0505	
Lab Sample ID: F18955-4	Date Sampled: 08/07/03
Matrix: SO - Soil	Date Received: 08/08/03
Method: SW846 8260B	Percent Solids: 82.9
Project: Nextel NTC Orlando	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
1330-20-7	Xylene (total)	ND	9.9	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	99%		79-121%
460-00-4	4-Bromofluorobenzene	103%		77-133%
17060-07-0	1,2-Dichloroethane-D4	109%		72-133%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0505	Date Sampled: 08/07/03
Lab Sample ID: F18955-4	Date Received: 08/08/03
Matrix: SO - Soil	Percent Solids: 82.9
Method: EPA 8310 SW846 3550B	
Project: Nextel NTC Orlando	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE017257.D	1	08/14/03	SM	08/13/03	OP8218	GEE726
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.4 g	5.0 ml
Run #2		

Polynuclear Aromatic Hydrocarbons

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	790	200	ug/kg	
208-96-8	Acenaphthylene	ND	790	200	ug/kg	
120-12-7	Anthracene	ND	400	200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	400	99	ug/kg	
50-32-8	Benzo(a)pyrene	ND	79	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	79	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	79	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	79	20	ug/kg	
218-01-9	Chrysene	ND	400	99	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	79	20	ug/kg	
206-44-0	Fluoranthene	ND	400	99	ug/kg	
86-73-7	Fluorene	ND	400	200	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	79	20	ug/kg	
91-20-3	Naphthalene	ND	400	99	ug/kg	
90-12-0	1-Methylnaphthalene	ND	400	99	ug/kg	
91-57-6	2-Methylnaphthalene	ND	400	99	ug/kg	
85-01-8	Phenanthrene	ND	400	200	ug/kg	
129-00-0	Pyrene	ND	400	99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		38-139%
92-94-4	p-Terphenyl	101%		46-149%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0505 Lab Sample ID: F18955-4 Matrix: SO - Soil Method: FLORIDA-PRO SW846 3550B Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/08/03 Percent Solids: 82.9
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP31087.D	1	08/13/03	SM	08/13/03	OP8213	GOP1045
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	9.7	6.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	94%		57-127%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: NEXSLSB0505 Lab Sample ID: F18955-4 Matrix: SO - Soil Project: Nextel NTC Orlando	Date Sampled: 08/07/03 Date Received: 08/08/03 Percent Solids: 82.9
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Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	7.0 B	12	0.15	mg/kg	1	08/16/03	08/18/03 DM	SW846 6010B	SW846 3050B

RL = Reporting Limit
 IDL = Instrument Detection Limit

U = Indicates a result < IDL
 B = Indicates a result >= IDL but < RL



CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: **F18955**
ACCUTEST QUOTE #:

CLIENT INFORMATION		FACILITY INFORMATION				ANALYTICAL INFORMATION								MATRIX CODES	
NAME: TETRA TECH		PROJECT NAME: NEXTEL												DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID	
ADDRESS: TAMPA FL		LOCATION: NTC ORLANDO													
CITY: TAMPA STATE: FL ZIP: _____		PROJECT NO.: _____												LAB USE ONLY	
SEND REPORT TO: PALL CALIFORNIA PHONE #: (813) 806-0202		FAX #: (813) 806-8405													
ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION			MATRIX	# OF BOTTLES	PRESERVATION					8021	8310	FL-PRO	PL
		DATE	TIME	SAMPLED BY:			NO	NOON	INCO	PERCO	NONE				
1	NEXSLSB0205	8/07	18:00	GB	S	4						X	X	X	X
2	NEXSLSB0305	↓	18:30	↓								X	X	X	X
3	NEXSLSB0405	↓	19:00	↓								X	X	X	X
4	NEXSLSB0505	↓	17:30	↓								X	X	X	X

DATA TURNAROUND INFORMATION	DATA DELIVERABLE INFORMATION	COMMENTS/REMARKS
<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER _____ APPROVED BY: _____ EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED	<input type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY) _____	_____ _____ _____

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY: 1. [Signature]	DATE TIME: 8/8/03 8:08	RECEIVED BY: 1. [Signature]	RELINQUISHED BY: 2.	DATE TIME:	RECEIVED BY: 2.
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE <input type="checkbox"/>	ON ICE <input type="checkbox"/>

TEMPERATURE **3.8** C