CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1061**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 01/12/2012

Dear David Brayack,

6 water samples for the **Bethpage CTO-066** project were received on **01/07/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Kurt Hummler

908-728-3143

khummler@chemtech.net

D1061

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER Nº 1152 | PAGE ___ OF ___

PROJECT NO: 112600622	FACILITY: BP#PAGE 002	PROJECT MANAGER David Beamak	PHONE NUMBER 757-461-3768	LABORATORY NAME AND CONTACT: CHEMTECH
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER J. Ferguson	PHONE NUMBER 412-496-9283	ADDRESS 284 Sheffield Street
		CARRIER/WAYBILL NUMBER 8735 5966 0358		CITY, STATE Mountainside NJ 07092

STANDARD TAT ☐ Fax Results
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☒ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: Volatile Organic Compounds 1624	COMMENTS
									G			
01/04	11:30	BP-VPB133-GW-058	VPB 133	57'	58'	GW	G	1			X	
01/04	08:30	BP-VPB-TB-010412	—	NA	NA	GW	G	2			X	
01/04	16:00	BP-VPB133-GW-114	VPB 133	113'	114'	GW	G	2			X	
01/05	11:55	BP-VPB133-GW-148	VPB 133	147'	148'	GW	G	1			X	H_2M SPLIT
01/05	13:35	BP-VPB133-GW-150	VPB 133	149'	150'	GW	G	2			X	
01/06	12:25	BP-VPB133-GW-194	VPB 133	193'	194'	GW	G	1			X	H_2M SPLIT
												H_2M Split

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	01/06/2012	14:40	1. RECEIVED BY FEDERAL EXPRESS AB # 8735 5966 0358	01/06/2012	14:30
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY Fedex	DATE 1/7/12	TIME 9:45	3. RECEIVED BY PS	DATE 1/7/12	TIME 9:45
COMMENTS Tonio YPC					

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/04/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-058	SDG No.:	D1061
Lab Sample ID:	D1061-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040184.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	2.1		0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	1.7		0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	42		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	2.6		0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	J	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/04/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-058	SDG No.:	D1061
Lab Sample ID:	D1061-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040184.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 - 120	108%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		85 - 115	93%	SPK: 50
2037-26-5	Toluene-d8	41.5	*	85 - 120	83%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		75 - 120	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	591677	3.9			
540-36-3	1,4-Difluorobenzene	901659	4.7			
3114-55-4	Chlorobenzene-d5	792580	9.68			
3855-82-1	1,4-Dichlorobenzene-d4	415689	13.39			
TENTATIVE IDENTIFIED COMPOUNDS						
000066-25-1	Hexanal	5.3	J		9.4	ug/L
000124-19-6	Nonanal	6.6	J		15.61	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/04/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB-TB-010412	SDG No.:	D1061
Lab Sample ID:	D1061-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040185.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/04/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB-TB-010412	SDG No.:	D1061
Lab Sample ID:	D1061-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040185.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		70 - 120	107%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		85 - 115	94%	SPK: 50
2037-26-5	Toluene-d8	42.7		85 - 120	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		75 - 120	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	604198	3.9			
540-36-3	1,4-Difluorobenzene	921663	4.71			
3114-55-4	Chlorobenzene-d5	802213	9.68			
3855-82-1	1,4-Dichlorobenzene-d4	422292	13.39			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/04/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-114	SDG No.:	D1061
Lab Sample ID:	D1061-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VE024749.D	1		01/11/12	VE011112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	5.5		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/04/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-114	SDG No.:	D1061
Lab Sample ID:	D1061-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VE024749.D	1		01/11/12	VE011112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		70 - 120	95%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		85 - 115	96%	SPK: 50
2037-26-5	Toluene-d8	45.7		85 - 120	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.3		75 - 120	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1337580	9.37			
540-36-3	1,4-Difluorobenzene	1780050	10.47			
3114-55-4	Chlorobenzene-d5	1872780	14.89			
3855-82-1	1,4-Dichlorobenzene-d4	1197970	18.7			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/05/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-148	SDG No.:	D1061
Lab Sample ID:	D1061-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040187.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	4		0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	27		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	2.2		0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	1.3		0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	4.9	J	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.79	J	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/05/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-148	SDG No.:	D1061
Lab Sample ID:	D1061-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040187.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		70 - 120	110%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		85 - 115	97%	SPK: 50
2037-26-5	Toluene-d8	44.1		85 - 120	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		75 - 120	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	563347	3.9			
540-36-3	1,4-Difluorobenzene	858734	4.71			
3114-55-4	Chlorobenzene-d5	743786	9.68			
3855-82-1	1,4-Dichlorobenzene-d4	401117	13.39			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown1.16	5.3	J		1.16	ug/L
000066-25-1	Hexanal	5.8	J		9.41	ug/L
000111-71-7	Heptanal	6.6	J		11.79	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/05/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-148	SDG No.:	D1061
Lab Sample ID:	D1061-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040187.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
96-18-4	1,2,3-Trichloropropane	0.51	J		12.21	ug/L
000124-13-0	Octanal	6.1	J		13.82	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/05/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-150	SDG No.:	D1061
Lab Sample ID:	D1061-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VE024750.D	1		01/11/12	VE011112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.63	J	0.47	1	ug/L
67-64-1	Acetone	3.8	J	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	2.3		0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	1.1		0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.42	J	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	1.4		0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/05/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-150	SDG No.:	D1061
Lab Sample ID:	D1061-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VE024750.D	1		01/11/12	VE011112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	1.4		0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		70 - 120	95%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		85 - 115	93%	SPK: 50
2037-26-5	Toluene-d8	43.3		85 - 120	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.8		75 - 120	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1282390	9.37			
540-36-3	1,4-Difluorobenzene	1729930	10.46			
3114-55-4	Chlorobenzene-d5	1804350	14.89			
3855-82-1	1,4-Dichlorobenzene-d4	1170090	18.7			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/06/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-194	SDG No.:	D1061
Lab Sample ID:	D1061-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040189.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/06/12
Project:	Bethpage CTO-066	Date Received:	01/07/12
Client Sample ID:	BP-VPB133-GW-194	SDG No.:	D1061
Lab Sample ID:	D1061-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040189.D	1		01/10/12	VG011012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52		70 - 120	104%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		85 - 115	90%	SPK: 50
2037-26-5	Toluene-d8	43.4		85 - 120	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.6		75 - 120	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	611871	3.9			
540-36-3	1,4-Difluorobenzene	916214	4.72			
3114-55-4	Chlorobenzene-d5	768593	9.68			
3855-82-1	1,4-Dichlorobenzene-d4	392291	13.39			

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1108**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 01/17/2012

Dear David Brayack,

9 water samples for the **Bethpage CTO-066** project were received on **01/12/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D1108

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER Nº 1166 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112600622	BETHPAGE OU-2	DAVID BRANAK	757-461-3768	CHEMTECH
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		J. Ferguson/S. Conti	412-496-9283	284 Sheffield Street
		CARRIER/WAYBILL NUMBER		CITY, STATE
		8993 8010 8761		Mountainside NJ 07092

STANDARD TAT ☐ Fax Results
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☒ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: Volatile Organics Comp.	COMMENTS
									G	HCL		
01-09	11:00	BP-VPB-TB-010912	VPB 133	—	—	GW	G	2			X	
01-09	13:10	BP-VPB-133-GW-234	VPB 133	233	234	GW	G	2			X	SPLIT Sample
01-09	15:05	BP-VPB133-GW-254	VPB 133	253	254	GW	G	2			X	Split Sample
01-10	10:10	BP-VPB133-GW-274	VPB 133	273	274	GW	G	2			X	Split Sample
1-10	12:10	BP-VPB133-GW-294	VPB 133	293	294	GW	G	2			X	Split Sample
1-10	15:15	BP-VPB133-GW-314	VPB 133	313	314	GW	G	2			X	Split Sample
1-11	10:20	BP-VPB133-GW-334	VPB 133	333	334	GW	G	2			X	" "
1-11	13:00	BP-VPB133-GW-354	VPB 133	353	354	GW	G	2			X	" "
1-11	16:30	BP-VPB133-GW-374	VPB 133	373	374	GW	G	2			X	" "

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	1/11/12	18:00	1. RECEIVED BY FedEx AB# 8993 8010 8761	1/11/12	18:00
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY FedEx	1/12/12	9:10	3. RECEIVED BY TS	1/12/12	9:10

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Trans. 406

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB-TB-010912	SDG No.:	D1108
Lab Sample ID:	D1108-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040262.D	1		01/17/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB-TB-010912	SDG No.:	D1108
Lab Sample ID:	D1108-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040262.D	1		01/17/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.1		70 - 120	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		85 - 115	104%	SPK: 50
2037-26-5	Toluene-d8	56.1		85 - 120	112%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		75 - 120	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	582730	3.92			
540-36-3	1,4-Difluorobenzene	1231710	4.74			
3114-55-4	Chlorobenzene-d5	1471790	9.71			
3855-82-1	1,4-Dichlorobenzene-d4	555218	13.42			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-234	SDG No.:	D1108
Lab Sample ID:	D1108-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002881.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.1		0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.68	J	0.47	1	ug/L
67-64-1	Acetone	5	J	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	8.8		0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	3		0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.7	J	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1.8		0.35	1	ug/L
67-66-3	Chloroform	3.1		0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.32	J	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.51	J	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	2.2		0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-234	SDG No.:	D1108
Lab Sample ID:	D1108-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002881.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	J	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 - 120	99%	SPK: 50
1868-53-7	Dibromofluoromethane	46		85 - 115	92%	SPK: 50
2037-26-5	Toluene-d8	50.6		85 - 120	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		75 - 120	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2820550	7.62			
540-36-3	1,4-Difluorobenzene	5640410	8.37			
3114-55-4	Chlorobenzene-d5	5094160	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2459580	12.71			
TENTATIVE IDENTIFIED COMPOUNDS						
123-91-1	1,4-Dioxane	210	J		8.89	ug/L
104-51-8	n-Butylbenzene	0.60	J		12.98	ug/L
87-68-3	Hexachlorobutadiene	1.8	J		14.36	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-234	SDG No.:	D1108
Lab Sample ID:	D1108-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002881.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
91-20-3	Naphthalene	1.2	J		14.48	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.46	J		14.65	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-254	SDG No.:	D1108
Lab Sample ID:	D1108-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002882.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2		0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	9.1		0.5	5	ug/L
75-15-0	Carbon Disulfide	1.8		0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	5.4		0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	13		1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-254	SDG No.:	D1108
Lab Sample ID:	D1108-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002882.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		70 - 120	98%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		85 - 115	93%	SPK: 50
2037-26-5	Toluene-d8	47.3		85 - 120	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		75 - 120	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2789180	7.62			
540-36-3	1,4-Difluorobenzene	5534750	8.37			
3114-55-4	Chlorobenzene-d5	5037480	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2410050	12.71			
TENTATIVE IDENTIFIED COMPOUNDS						
87-68-3	Hexachlorobutadiene	0.97	J		14.36	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/10/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-274	SDG No.:	D1108
Lab Sample ID:	D1108-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002883.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	4.7	J	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/10/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-274	SDG No.:	D1108
Lab Sample ID:	D1108-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002883.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		70 - 120	97%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		85 - 115	92%	SPK: 50
2037-26-5	Toluene-d8	45.8		85 - 120	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		75 - 120	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2785930	7.62			
540-36-3	1,4-Difluorobenzene	5499690	8.37			
3114-55-4	Chlorobenzene-d5	5021870	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2395790	12.71			
TENTATIVE IDENTIFIED COMPOUNDS						
87-68-3	Hexachlorobutadiene	0.70	J		14.36	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/10/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-294	SDG No.:	D1108
Lab Sample ID:	D1108-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002884.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	6.8		0.5	5	ug/L
75-15-0	Carbon Disulfide	2		0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/10/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-294	SDG No.:	D1108
Lab Sample ID:	D1108-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002884.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.5		70 - 120	99%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		85 - 115	91%	SPK: 50
2037-26-5	Toluene-d8	48.8		85 - 120	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		75 - 120	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2767170	7.62			
540-36-3	1,4-Difluorobenzene	5511990	8.37			
3114-55-4	Chlorobenzene-d5	4968930	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2380250	12.71			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/10/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-314	SDG No.:	D1108
Lab Sample ID:	D1108-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002885.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	6.2		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/10/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-314	SDG No.:	D1108
Lab Sample ID:	D1108-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002885.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.6		70 - 120	97%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		85 - 115	91%	SPK: 50
2037-26-5	Toluene-d8	46.9		85 - 120	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	49		75 - 120	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2772020	7.62			
540-36-3	1,4-Difluorobenzene	5477170	8.37			
3114-55-4	Chlorobenzene-d5	4997020	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2388350	12.71			
TENTATIVE IDENTIFIED COMPOUNDS						
87-68-3	Hexachlorobutadiene	0.48	J		14.36	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/11/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-334	SDG No.:	D1108
Lab Sample ID:	D1108-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002886.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	7.3		0.5	5	ug/L
75-15-0	Carbon Disulfide	2.4		0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	5.5		1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/11/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-334	SDG No.:	D1108
Lab Sample ID:	D1108-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002886.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 - 120	99%	SPK: 50
1868-53-7	Dibromofluoromethane	46		85 - 115	92%	SPK: 50
2037-26-5	Toluene-d8	47.1		85 - 120	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	49		75 - 120	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2777270	7.62			
540-36-3	1,4-Difluorobenzene	5458640	8.37			
3114-55-4	Chlorobenzene-d5	4999910	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2402600	12.71			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/11/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-354	SDG No.:	D1108
Lab Sample ID:	D1108-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002887.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	10		0.5	5	ug/L
75-15-0	Carbon Disulfide	1.6		0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	5.5		1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/11/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-354	SDG No.:	D1108
Lab Sample ID:	D1108-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002887.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49		70 - 120	98%	SPK: 50
1868-53-7	Dibromofluoromethane	45.9		85 - 115	92%	SPK: 50
2037-26-5	Toluene-d8	47.4		85 - 120	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		75 - 120	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2712260	7.62			
540-36-3	1,4-Difluorobenzene	5378290	8.37			
3114-55-4	Chlorobenzene-d5	4918250	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2380760	12.71			
TENTATIVE IDENTIFIED COMPOUNDS						
000066-25-1	Hexanal	22	J		10.34	ug/L
000124-13-0	Octanal	6.0	J		12.56	ug/L
000124-19-6	Nonanal	6.3	J		13.47	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/11/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-354	SDG No.:	D1108
Lab Sample ID:	D1108-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002887.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
91-20-3	Naphthalene	1.2	J		14.48	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/11/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-374	SDG No.:	D1108
Lab Sample ID:	D1108-09	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002888.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	8.6		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/11/12
Project:	Bethpage CTO-066	Date Received:	01/12/12
Client Sample ID:	BP-VPB133-GW-374	SDG No.:	D1108
Lab Sample ID:	D1108-09	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002888.D	1		01/13/12	VR011312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49		70 - 120	98%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		85 - 115	93%	SPK: 50
2037-26-5	Toluene-d8	43.7		85 - 120	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		75 - 120	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2768110	7.62			
540-36-3	1,4-Difluorobenzene	5380680	8.37			
3114-55-4	Chlorobenzene-d5	4946700	10.86			
3855-82-1	1,4-Dichlorobenzene-d4	2371960	12.71			

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1148**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 01/19/2012

Dear David Brayack,

7 water and **2** soil samples for the **Bethpage CTO-066** project were received on **01/14/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D1148

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER Nº 1165 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112600622	BETHPAGE 002 VPB133	David Brayack	757 461 3768	Chemtech (K. Hummel)
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		Jim Ferguson	412-496-9283	284 Sheffield Street
		CARRIER/WAYBILL NUMBER		CITY, STATE
		8993 8010 8772		Mountainside NJ 07092

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☒ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: Volatile Organic Compounds	COMMENTS
1/12	08:00	BP-VPB-TB-01121 2	—	—	—	GW	G	2			X	
1/12	10:55	BP-VPB133-GW-394	VPB 133	393	394	GW	G	2			X	insufficient volume for split with HDW
1/12	13:25	BP-VPB133-GW-414	VPB 133	413	414	GW	G	1			X	" " "
1/12	15:40	BP-VPB133-GW-434	VPB 133	433	434	GW	G	2			X	Split Sample w/ HDW
1/13	10:15	BP-VPB133-GW-454	VPB 133	434	454	GW	G	2			X	" " "
1/13	12:15	BP-VPB133-GW-474	VPB 133	473	474	GW	G	2			X	" " "
1/13	14:10	BP-VPB133-GW-494	VPB 133	493	494	GW	G	2			X	X X X

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	1/13/2012	16:30	1. RECEIVED BY Federal Express AB# 8993 8010 8772	1/13/2012	16:30
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY Fed Ex	DATE 1/14/12	TIME 10:45	3. RECEIVED BY Ken Rumm	DATE 1/14/12	TIME 10:45

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB-TB-011212	SDG No.:	D1148
Lab Sample ID:	D1148-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040292.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB-TB-011212	SDG No.:	D1148
Lab Sample ID:	D1148-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040292.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.2	*	70 - 120	128%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		85 - 115	105%	SPK: 50
2037-26-5	Toluene-d8	55.2		85 - 120	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		75 - 120	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	494984	3.92			
540-36-3	1,4-Difluorobenzene	1055750	4.72			
3114-55-4	Chlorobenzene-d5	1238450	9.7			
3855-82-1	1,4-Dichlorobenzene-d4	468799	13.4			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-434	SDG No.:	D1148
Lab Sample ID:	D1148-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040298.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-434	SDG No.:	D1148
Lab Sample ID:	D1148-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040298.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	66.3	*	70 - 120	133%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		85 - 115	107%	SPK: 50
2037-26-5	Toluene-d8	44.3		85 - 120	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		75 - 120	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	477901	3.91			
540-36-3	1,4-Difluorobenzene	1037950	4.72			
3114-55-4	Chlorobenzene-d5	1242220	9.69			
3855-82-1	1,4-Dichlorobenzene-d4	459297	13.4			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/13/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-454	SDG No.:	D1148
Lab Sample ID:	D1148-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040299.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/13/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-454	SDG No.:	D1148
Lab Sample ID:	D1148-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040299.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	67.6	*	70 - 120	135%	SPK: 50
1868-53-7	Dibromofluoromethane	54		85 - 115	108%	SPK: 50
2037-26-5	Toluene-d8	47.5		85 - 120	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		75 - 120	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	479625	3.91			
540-36-3	1,4-Difluorobenzene	1029340	4.72			
3114-55-4	Chlorobenzene-d5	1202540	9.69			
3855-82-1	1,4-Dichlorobenzene-d4	461071	13.4			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/13/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-474	SDG No.:	D1148
Lab Sample ID:	D1148-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040300.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/13/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-474	SDG No.:	D1148
Lab Sample ID:	D1148-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040300.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.2	*	70 - 120	128%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		85 - 115	109%	SPK: 50
2037-26-5	Toluene-d8	51.1		85 - 120	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		75 - 120	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	476854	3.91			
540-36-3	1,4-Difluorobenzene	1000930	4.71			
3114-55-4	Chlorobenzene-d5	1150500	9.69			
3855-82-1	1,4-Dichlorobenzene-d4	442283	13.39			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/13/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-494	SDG No.:	D1148
Lab Sample ID:	D1148-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040301.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/13/12
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-494	SDG No.:	D1148
Lab Sample ID:	D1148-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040301.D	1		01/18/12	VG011712

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.6	*	70 - 120	129%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3		85 - 115	111%	SPK: 50
2037-26-5	Toluene-d8	45.7		85 - 120	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		75 - 120	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	476822	3.91			
540-36-3	1,4-Difluorobenzene	998893	4.72			
3114-55-4	Chlorobenzene-d5	1133250	9.68			
3855-82-1	1,4-Dichlorobenzene-d4	441666	13.4			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/20
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-394	SDG No.:	D1148
Lab Sample ID:	D1148-08	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030849.D	1		01/19/12	VF011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	72		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	23	J	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/20
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-394	SDG No.:	D1148
Lab Sample ID:	D1148-08	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030849.D	1		01/19/12	VF011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.5		55 - 158	81%	SPK: 50
1868-53-7	Dibromofluoromethane	45.9		53 - 156	92%	SPK: 50
2037-26-5	Toluene-d8	48.3		85 - 115	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		85 - 120	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	146268	4.38			
540-36-3	1,4-Difluorobenzene	256114	5.12			
3114-55-4	Chlorobenzene-d5	217304	9.32			
3855-82-1	1,4-Dichlorobenzene-d4	90623	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
000066-25-1	Hexanal	51	J		9.03	ug/Kg
000111-71-7	Heptanal	6.3	J		11.13	ug/Kg
	unknown11.84	5.9	J		11.84	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/20
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-394	SDG No.:	D1148
Lab Sample ID:	D1148-08	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030849.D	1		01/19/12	VF011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
	unknown13.42	5.7	J		13.42	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/20
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-414	SDG No.:	D1148
Lab Sample ID:	D1148-09	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.001 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030850.D	1		01/19/12	VF011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	22	J	3	25	ug/Kg
75-15-0	Carbon Disulfide	18		1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	5.4	J	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/12/20
Project:	Bethpage CTO-066	Date Received:	01/14/12
Client Sample ID:	BP-VPB133-GW-414	SDG No.:	D1148
Lab Sample ID:	D1148-09	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.001 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030850.D	1		01/19/12	VF011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.7		55 - 158	79%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		53 - 156	94%	SPK: 50
2037-26-5	Toluene-d8	49.7		85 - 115	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47		85 - 120	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	144833	4.37			
540-36-3	1,4-Difluorobenzene	241587	5.12			
3114-55-4	Chlorobenzene-d5	214993	9.32			
3855-82-1	1,4-Dichlorobenzene-d4	97871	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
006032-29-7	2-Pentanol	5.4	J		1.91	ug/Kg
	unknown13.43	7.5	J		13.43	ug/Kg

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1208**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 01/24/2012

Dear David Brayack,

5 water and **4** soil samples for the **Bethpage CTO-066** project were received on **01/19/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D1208

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER Nº 1151 | PAGE ___ OF ___

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00622	BENNINGTON VPB133	David Braymiller	757-461-3768	CHEMTECH (K. Hummel)

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
	J. Ferguson / S. Conti	412-496-9783	284 Sheffield Street
	CARRIER/WAYBILL NUMBER		CITY, STATE
	8987 4256 0978		Mountainside NJ 07092

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☒ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: Volatile Organic Comp. Hit							COMMENTS
									G									
1/16	12:00	BP-VPB133-GW-514'	VPB 133	513'	514'	GW	G	2	X									SPLIT Sample w/ Hall
1/16	10:00	BP-VPB-TB-011612	—	—	—	GW	G	2	X									TRIP BLANK
1/16	16:30	BP-VPB133-GW-534'	VPB 133	533'	534'	GW	G	2	X									H&M Split Sample
1/17	10:50	BP-VPB133-GW-554'	VPB 133	553'	554'	GW	G	2	X									H&M Split Sample
1/17	13:25	BP-VPB133-GW-574'	VPB 133	573'	574'	GW	G	2	X									SEDIMENT IN Sample Due to highly perm. zone.
1/17	16:00	BP-VPB133-GW-594'	VPB 133	593'	594'	GW	G	2	X									
1/18	10:15	BP-VPB133-GW-614'	VPB 133	613'	614'	GW	G	2	X									Sediment in sample highly permeable zone
1/18	13:15	BP-VPB133-GW-634'	VPB 133	633'	634'	GW	G	2	X									Natural reaction in water while purging VOC for.
1/18	16:00	BP-VPB133-GW-654'	VPB 133	653'	654'	GW	G	2	X									High sediment content

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
	1/18/2012	17:30	FEDERAL EXPRESS AB# 8987 4526 0978	1/18/2012	17:30
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY Fed Ex	DATE 1/19/12	TIME 9:10	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-514	SDG No.:	D1208
Lab Sample ID:	D1208-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003003.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	7.6		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-514	SDG No.:	D1208
Lab Sample ID:	D1208-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003003.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		70 - 120	95%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		85 - 115	100%	SPK: 50
2037-26-5	Toluene-d8	54.2		85 - 120	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		75 - 120	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2267470	7.57			
540-36-3	1,4-Difluorobenzene	4092330	8.5			
3114-55-4	Chlorobenzene-d5	3722380	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1940000	13.26			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB-TB-011612	SDG No.:	D1208
Lab Sample ID:	D1208-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002996.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB-TB-011612	SDG No.:	D1208
Lab Sample ID:	D1208-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR002996.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		70 - 120	94%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		85 - 115	101%	SPK: 50
2037-26-5	Toluene-d8	53.7		85 - 120	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		75 - 120	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2379270	7.57			
540-36-3	1,4-Difluorobenzene	4254370	8.5			
3114-55-4	Chlorobenzene-d5	3847920	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1959820	13.26			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-534	SDG No.:	D1208
Lab Sample ID:	D1208-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003004.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	4.2	J	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-534	SDG No.:	D1208
Lab Sample ID:	D1208-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003004.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		70 - 120	95%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		85 - 115	101%	SPK: 50
2037-26-5	Toluene-d8	53.9		85 - 120	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		75 - 120	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2227050	7.57			
540-36-3	1,4-Difluorobenzene	4055920	8.5			
3114-55-4	Chlorobenzene-d5	3705770	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1918980	13.26			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-554	SDG No.:	D1208
Lab Sample ID:	D1208-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003005.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	4.8	J	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-554	SDG No.:	D1208
Lab Sample ID:	D1208-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003005.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.6		70 - 120	95%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		85 - 115	102%	SPK: 50
2037-26-5	Toluene-d8	54		85 - 120	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		75 - 120	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2248970	7.57			
540-36-3	1,4-Difluorobenzene	4065640	8.5			
3114-55-4	Chlorobenzene-d5	3691620	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1893240	13.25			
TENTATIVE IDENTIFIED COMPOUNDS						
000102-67-0	Aluminum, tripropyl-	6.3	J		1.81	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-574	SDG No.:	D1208
Lab Sample ID:	D1208-05	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030893.D	1		01/21/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.64	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.85	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	32		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.95	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.68	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.93	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.98	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.88	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.73	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.87	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.63	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.85	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.61	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.63	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.78	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.71	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-574	SDG No.:	D1208
Lab Sample ID:	D1208-05	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030893.D	1		01/21/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.89	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.53	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.63	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.61	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.71	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	0.67	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.73	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.61	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.86	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.69	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		55 - 158	88%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		53 - 156	104%	SPK: 50
2037-26-5	Toluene-d8	48.8		85 - 115	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.4		85 - 120	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	93507	4.37			
540-36-3	1,4-Difluorobenzene	158947	5.11			
3114-55-4	Chlorobenzene-d5	136968	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	57845	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown10.26	6.5	J		10.26	ug/Kg
062960-77-4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	6.7	J		10.89	ug/Kg
000624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	5.6	J		11.21	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-574	SDG No.:	D1208
Lab Sample ID:	D1208-05	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030893.D	1		01/21/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
021078-65-9	1-Decanol, 2-ethyl-	7.4	J		11.34	ug/Kg
	unknown11.68	5.2	J		11.68	ug/Kg
005948-04-9	Cyclohexanone, 2-methyl-5-(1-methy	6.1	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-594	SDG No.:	D1208
Lab Sample ID:	D1208-06	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030894.D	1		01/21/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.55	U	0.66	5.1	ug/Kg
74-87-3	Chloromethane	2.55	U	0.87	5.1	ug/Kg
75-01-4	Vinyl Chloride	2.55	U	1.2	5.1	ug/Kg
74-83-9	Bromomethane	2.55	U	2.5	5.1	ug/Kg
75-00-3	Chloroethane	2.55	U	1.4	5.1	ug/Kg
75-69-4	Trichlorofluoromethane	2.55	U	1.3	5.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.55	U	1.3	5.1	ug/Kg
75-35-4	1,1-Dichloroethene	2.55	U	1.5	5.1	ug/Kg
67-64-1	Acetone	38		3.1	25	ug/Kg
75-15-0	Carbon Disulfide	2.55	U	1.1	5.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.55	U	0.97	5.1	ug/Kg
79-20-9	Methyl Acetate	2.55	U	1.5	5.1	ug/Kg
75-09-2	Methylene Chloride	2.55	U	1.4	5.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.55	U	0.7	5.1	ug/Kg
75-34-3	1,1-Dichloroethane	2.55	U	0.95	5.1	ug/Kg
110-82-7	Cyclohexane	2.55	U	1	5.1	ug/Kg
78-93-3	2-Butanone	12.5	U	3.2	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.55	U	1	5.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.55	U	0.9	5.1	ug/Kg
67-66-3	Chloroform	2.55	U	0.75	5.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.55	U	0.89	5.1	ug/Kg
108-87-2	Methylcyclohexane	2.55	U	1.1	5.1	ug/Kg
71-43-2	Benzene	2.55	U	0.39	5.1	ug/Kg
107-06-2	1,2-Dichloroethane	2.55	U	0.65	5.1	ug/Kg
79-01-6	Trichloroethene	2.55	U	0.87	5.1	ug/Kg
78-87-5	1,2-Dichloropropane	2.55	U	0.26	5.1	ug/Kg
75-27-4	Bromodichloromethane	2.55	U	0.63	5.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	3	25	ug/Kg
108-88-3	Toluene	2.55	U	0.65	5.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.55	U	0.8	5.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.55	U	0.73	5.1	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-594	SDG No.:	D1208
Lab Sample ID:	D1208-06	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030894.D	1		01/21/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.55	U	0.91	5.1	ug/Kg
591-78-6	2-Hexanone	12.5	U	4	25	ug/Kg
124-48-1	Dibromochloromethane	2.55	U	0.55	5.1	ug/Kg
106-93-4	1,2-Dibromoethane	2.55	U	0.65	5.1	ug/Kg
127-18-4	Tetrachloroethene	2.55	U	1	5.1	ug/Kg
108-90-7	Chlorobenzene	2.55	U	0.51	5.1	ug/Kg
100-41-4	Ethyl Benzene	2.55	U	0.63	5.1	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.73	10	ug/Kg
95-47-6	o-Xylene	2.55	U	0.69	5.1	ug/Kg
100-42-5	Styrene	2.55	U	0.46	5.1	ug/Kg
75-25-2	Bromoform	2.55	U	0.75	5.1	ug/Kg
98-82-8	Isopropylbenzene	2.55	U	0.49	5.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.55	U	0.47	5.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.55	U	0.38	5.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.55	U	0.42	5.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.55	U	0.63	5.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.55	U	0.88	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.55	U	0.71	5.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45		55 - 158	90%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		53 - 156	99%	SPK: 50
2037-26-5	Toluene-d8	49.3		85 - 115	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.4		85 - 120	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	93043	4.37			
540-36-3	1,4-Difluorobenzene	161949	5.12			
3114-55-4	Chlorobenzene-d5	138952	9.32			
3855-82-1	1,4-Dichlorobenzene-d4	64044	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
002613-65-2	Cyclopentane, 1-ethyl-3-methyl-, t	5.8	J		10.26	ug/Kg
062960-77-4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	6.1	J		10.9	ug/Kg
000583-57-3	Cyclohexane, 1,2-dimethyl-	5.1	J		11.22	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/17/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-594	SDG No.:	D1208
Lab Sample ID:	D1208-06	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030894.D	1		01/21/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000111-84-2	Nonane	6.1	J		11.33	ug/Kg
061177-16-0	Bicyclo[2.2.1]heptane, 2-butyl-	5.2	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/18/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-614	SDG No.:	D1208
Lab Sample ID:	D1208-07	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030871.D	1		01/20/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.45	U	0.64	4.9	ug/Kg
74-87-3	Chloromethane	2.45	U	0.84	4.9	ug/Kg
75-01-4	Vinyl Chloride	2.45	U	1.2	4.9	ug/Kg
74-83-9	Bromomethane	2.45	U	2.4	4.9	ug/Kg
75-00-3	Chloroethane	2.45	U	1.4	4.9	ug/Kg
75-69-4	Trichlorofluoromethane	2.45	U	1.3	4.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.45	U	1.3	4.9	ug/Kg
75-35-4	1,1-Dichloroethene	2.45	U	1.4	4.9	ug/Kg
67-64-1	Acetone	34		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.45	U	1	4.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.45	U	0.94	4.9	ug/Kg
79-20-9	Methyl Acetate	2.45	U	1.5	4.9	ug/Kg
75-09-2	Methylene Chloride	6.1		1.4	4.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.45	U	0.68	4.9	ug/Kg
75-34-3	1,1-Dichloroethane	2.45	U	0.92	4.9	ug/Kg
110-82-7	Cyclohexane	2.45	U	0.99	4.9	ug/Kg
78-93-3	2-Butanone	12.5	U	3	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.45	U	0.97	4.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.45	U	0.87	4.9	ug/Kg
67-66-3	Chloroform	2.45	U	0.73	4.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.45	U	0.86	4.9	ug/Kg
108-87-2	Methylcyclohexane	2.45	U	1	4.9	ug/Kg
71-43-2	Benzene	2.45	U	0.37	4.9	ug/Kg
107-06-2	1,2-Dichloroethane	2.45	U	0.63	4.9	ug/Kg
79-01-6	Trichloroethene	2.45	U	0.84	4.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.45	U	0.25	4.9	ug/Kg
75-27-4	Bromodichloromethane	2.45	U	0.61	4.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.45	U	0.63	4.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.45	U	0.77	4.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.45	U	0.71	4.9	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/18/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-614	SDG No.:	D1208
Lab Sample ID:	D1208-07	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030871.D	1		01/20/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.45	U	0.88	4.9	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.8	25	ug/Kg
124-48-1	Dibromochloromethane	2.45	U	0.53	4.9	ug/Kg
106-93-4	1,2-Dibromoethane	2.45	U	0.63	4.9	ug/Kg
127-18-4	Tetrachloroethene	2.45	U	0.99	4.9	ug/Kg
108-90-7	Chlorobenzene	2.45	U	0.49	4.9	ug/Kg
100-41-4	Ethyl Benzene	2.45	U	0.61	4.9	ug/Kg
179601-23-1	m/p-Xylenes	4.9	U	0.71	9.8	ug/Kg
95-47-6	o-Xylene	2.45	U	0.67	4.9	ug/Kg
100-42-5	Styrene	2.45	U	0.44	4.9	ug/Kg
75-25-2	Bromoform	2.45	U	0.73	4.9	ug/Kg
98-82-8	Isopropylbenzene	2.45	U	0.47	4.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.45	U	0.45	4.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.45	U	0.36	4.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.45	U	0.4	4.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.45	U	0.61	4.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.45	U	0.85	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.45	U	0.69	4.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.5		55 - 158	85%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		53 - 156	97%	SPK: 50
2037-26-5	Toluene-d8	49		85 - 115	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		85 - 120	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	112149	4.36			
540-36-3	1,4-Difluorobenzene	189848	5.11			
3114-55-4	Chlorobenzene-d5	172866	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	77267	12.22			
TENTATIVE IDENTIFIED COMPOUNDS						
000109-66-0	Pentane	5.5	J		1.26	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	5.7	J		12.28	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/18/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-634	SDG No.:	D1208
Lab Sample ID:	D1208-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003006.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	8.2		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/18/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-634	SDG No.:	D1208
Lab Sample ID:	D1208-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003006.D	1		01/19/12	VR011912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		70 - 120	96%	SPK: 50
1868-53-7	Dibromofluoromethane	51		85 - 115	102%	SPK: 50
2037-26-5	Toluene-d8	53.9		85 - 120	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		75 - 120	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2221650	7.57			
540-36-3	1,4-Difluorobenzene	4029720	8.5			
3114-55-4	Chlorobenzene-d5	3667070	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1929470	13.26			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/18/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-654	SDG No.:	D1208
Lab Sample ID:	D1208-09	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030872.D	1		01/20/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	31		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	6		1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/18/12
Project:	Bethpage CTO-066	Date Received:	01/19/12
Client Sample ID:	BP-VPB133-GW-654	SDG No.:	D1208
Lab Sample ID:	D1208-09	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF030872.D	1		01/20/12	VF012012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.3		55 - 158	83%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		53 - 156	99%	SPK: 50
2037-26-5	Toluene-d8	50.9		85 - 115	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.3		85 - 120	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114788	4.37			
540-36-3	1,4-Difluorobenzene	187220	5.11			
3114-55-4	Chlorobenzene-d5	165025	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	70575	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
000124-18-5	Decane	5.5	J		11.33	ug/Kg

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1280**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 01/30/2012

Dear David Brayack,

2 water and **6** soil samples for the **Bethpage CTO-066** project were received on **01/25/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D1280

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER № 1154 | PAGE 1 OF 1

PROJECT NO: 112G00622	FACILITY: Bethune 002 VPB133	PROJECT MANAGER David Brayack	PHONE NUMBER 757-461-3768	LABORATORY NAME AND CONTACT: Chemtech CK. Kamal
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER J. Ferguson / S. Cook	PHONE NUMBER 412-496-9283	ADDRESS 284 Sheffield Street
		CARRIER/WAYBILL NUMBER 8987 4526 0989		CITY, STATE Mountainside NJ 07092

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS VOC's	COMMENTS
1/20	12:30	BP-VPB133-GW-694	VPB 133	693	694	GW	G	2			X	
1/19	08:00	BP-VPB-TB-011912	—	—	—	GW	G	2			X	
1/23	15:30	BP-VPB133-GW-734	VPB 133	733	734	GW	G	2			X	Triplicate GW Sample
1/20	15:30	BP-VPB133-GW-703	VPB 133	703	704	GW	G	2			X	
1/23	11:40	BP-VPB133-GW-714	VPB 133	713	714	GW	G	2			X	
1/24	11:00	BP-VPB133-GW-744	VPB 133	743	744	GW	G	2			X	
1/24	15:50	BP-VPB133-GW-764	VPB 133	763	764	GW	G	2			X	
1/24	13:00	BP-VPB133-GW-754	VPB 133	753	754	GW	G	2			X	

1. RELINQUISHED BY		DATE 1/24/12	TIME 18:00	1. RECEIVED BY Fed Ex AB# 8987 4526 0989		DATE 1/24/12	TIME 18:00
2. RELINQUISHED BY		DATE	TIME	2. RECEIVED BY		DATE	TIME
3. RELINQUISHED BY	Fedex	DATE 1/25/12	TIME 9:10	3. RECEIVED BY	PS	DATE 1/25/12	TIME 9:10

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

Temp. 4°C

4/02R
FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-694	SDG No.:	D1280
Lab Sample ID:	D1280-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002634.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.85	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	38		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.95	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	3.9	J	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.93	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.98	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.88	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.87	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.85	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-694	SDG No.:	D1280
Lab Sample ID:	D1280-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002634.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.89	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.72	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.86	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.7		55 - 158	119%	SPK: 50
1868-53-7	Dibromofluoromethane	50		53 - 156	100%	SPK: 50
2037-26-5	Toluene-d8	46		85 - 115	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.2	*	85 - 120	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1138970	8.05			
540-36-3	1,4-Difluorobenzene	1829590	8.95			
3114-55-4	Chlorobenzene-d5	987532	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	393503	13.63			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown4.26	8.0	J		4.26	ug/Kg
000506-51-4	1-Tetracosanol	7.9	J		13.02	ug/Kg
024399-15-3	Cyclohexane, 1-methyl-3-(1-methyle	5.3	J		13.95	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-694RE	SDG No.:	D1280
Lab Sample ID:	D1280-01RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002640.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	29		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.7	J	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-694RE	SDG No.:	D1280
Lab Sample ID:	D1280-01RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002640.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.6		55 - 158	85%	SPK: 50
1868-53-7	Dibromofluoromethane	41.1		53 - 156	82%	SPK: 50
2037-26-5	Toluene-d8	39.5	*	85 - 115	79%	SPK: 50
460-00-4	4-Bromofluorobenzene	30.9	*	85 - 120	62%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1831790	8.05			
540-36-3	1,4-Difluorobenzene	2789440	8.95			
3114-55-4	Chlorobenzene-d5	1440910	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	520562	13.63			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/19/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB-TB-011912	SDG No.:	D1280
Lab Sample ID:	D1280-02	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003155.D	1		01/26/12	VR012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/19/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB-TB-011912	SDG No.:	D1280
Lab Sample ID:	D1280-02	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003155.D	1		01/26/12	VR012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.4		70 - 120	93%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		85 - 115	95%	SPK: 50
2037-26-5	Toluene-d8	47.5		85 - 120	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		75 - 120	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2127190	7.57			
540-36-3	1,4-Difluorobenzene	3780160	8.5			
3114-55-4	Chlorobenzene-d5	3288400	11.32			
3855-82-1	1,4-Dichlorobenzene-d4	1654110	13.25			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-734	SDG No.:	D1280
Lab Sample ID:	D1280-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002635.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.45	U	0.64	4.9	ug/Kg
74-87-3	Chloromethane	2.45	U	0.84	4.9	ug/Kg
75-01-4	Vinyl Chloride	2.45	U	1.2	4.9	ug/Kg
74-83-9	Bromomethane	2.45	U	2.4	4.9	ug/Kg
75-00-3	Chloroethane	2.45	U	1.4	4.9	ug/Kg
75-69-4	Trichlorofluoromethane	2.45	U	1.3	4.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.45	U	1.3	4.9	ug/Kg
75-35-4	1,1-Dichloroethene	2.45	U	1.4	4.9	ug/Kg
67-64-1	Acetone	16	J	3	25	ug/Kg
75-15-0	Carbon Disulfide	2.45	U	1	4.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.45	U	0.94	4.9	ug/Kg
79-20-9	Methyl Acetate	2.45	U	1.5	4.9	ug/Kg
75-09-2	Methylene Chloride	2.45	U	1.4	4.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.45	U	0.68	4.9	ug/Kg
75-34-3	1,1-Dichloroethane	2.45	U	0.92	4.9	ug/Kg
110-82-7	Cyclohexane	2.45	U	0.99	4.9	ug/Kg
78-93-3	2-Butanone	12.5	U	3	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.45	U	0.97	4.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.45	U	0.87	4.9	ug/Kg
67-66-3	Chloroform	2.45	U	0.73	4.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.45	U	0.86	4.9	ug/Kg
108-87-2	Methylcyclohexane	2.45	U	1	4.9	ug/Kg
71-43-2	Benzene	2.45	U	0.37	4.9	ug/Kg
107-06-2	1,2-Dichloroethane	2.45	U	0.63	4.9	ug/Kg
79-01-6	Trichloroethene	2.45	U	0.84	4.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.45	U	0.25	4.9	ug/Kg
75-27-4	Bromodichloromethane	2.45	U	0.61	4.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.45	U	0.63	4.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.45	U	0.77	4.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.45	U	0.71	4.9	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-734	SDG No.:	D1280
Lab Sample ID:	D1280-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002635.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.45	U	0.88	4.9	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.8	25	ug/Kg
124-48-1	Dibromochloromethane	2.45	U	0.53	4.9	ug/Kg
106-93-4	1,2-Dibromoethane	2.45	U	0.63	4.9	ug/Kg
127-18-4	Tetrachloroethene	2.45	U	0.99	4.9	ug/Kg
108-90-7	Chlorobenzene	2.45	U	0.49	4.9	ug/Kg
100-41-4	Ethyl Benzene	2.45	U	0.61	4.9	ug/Kg
179601-23-1	m/p-Xylenes	4.9	U	0.71	9.8	ug/Kg
95-47-6	o-Xylene	2.45	U	0.67	4.9	ug/Kg
100-42-5	Styrene	2.45	U	0.44	4.9	ug/Kg
75-25-2	Bromoform	2.45	U	0.73	4.9	ug/Kg
98-82-8	Isopropylbenzene	2.45	U	0.47	4.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.45	U	0.45	4.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.45	U	0.36	4.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.45	U	0.4	4.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.45	U	0.61	4.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.45	U	0.85	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.45	U	0.69	4.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47		55 - 158	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		53 - 156	93%	SPK: 50
2037-26-5	Toluene-d8	46		85 - 115	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.8	*	85 - 120	72%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1817310	8.05			
540-36-3	1,4-Difluorobenzene	2784570	8.95			
3114-55-4	Chlorobenzene-d5	1431140	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	530718	13.63			
TENTATIVE IDENTIFIED COMPOUNDS						
004923-77-7	Cyclohexane, 1-ethyl-2-methyl-, ci	6.2	J		12.22	ug/Kg
000506-52-5	1-Hexacosanol	14	J		13.02	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	11	J		13.95	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-734	SDG No.:	D1280
Lab Sample ID:	D1280-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002635.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
002958-76-1	Naphthalene, decahydro-2-methyl-	7.6	J		14.45	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-734RE	SDG No.:	D1280
Lab Sample ID:	D1280-03RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002641.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.64	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.85	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	21	J	3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.95	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.68	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.93	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.98	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.88	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.73	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.87	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.63	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.85	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.61	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.63	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.78	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.71	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-734RE	SDG No.:	D1280
Lab Sample ID:	D1280-03RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002641.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.89	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.53	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.63	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.61	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.71	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	0.67	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.73	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.61	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.86	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.69	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		55 - 158	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		53 - 156	99%	SPK: 50
2037-26-5	Toluene-d8	47.9		85 - 115	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.1	*	85 - 120	70%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1676790	8.05			
540-36-3	1,4-Difluorobenzene	2576950	8.95			
3114-55-4	Chlorobenzene-d5	1289070	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	441544	13.63			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-703	SDG No.:	D1280
Lab Sample ID:	D1280-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002636.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	35		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.7	J	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-703	SDG No.:	D1280
Lab Sample ID:	D1280-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002636.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		55 - 158	100%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		53 - 156	95%	SPK: 50
2037-26-5	Toluene-d8	45		85 - 115	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.6	*	85 - 120	57%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1549880	8.05			
540-36-3	1,4-Difluorobenzene	2413960	8.95			
3114-55-4	Chlorobenzene-d5	1114800	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	326094	13.63			
TENTATIVE IDENTIFIED COMPOUNDS						
000506-52-5	1-Hexacosanol	9.1	J		13.02	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	8.6	J		13.95	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-703RE	SDG No.:	D1280
Lab Sample ID:	D1280-04RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002642.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.85	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	38		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.95	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	3	J	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.93	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.98	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.88	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.87	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.85	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-703RE	SDG No.:	D1280
Lab Sample ID:	D1280-04RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002642.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.89	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.72	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.86	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		55 - 158	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		53 - 156	98%	SPK: 50
2037-26-5	Toluene-d8	45.5		85 - 115	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	30.1	*	85 - 120	60%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1415200	8.05			
540-36-3	1,4-Difluorobenzene	2224900	8.95			
3114-55-4	Chlorobenzene-d5	1013290	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	303030	13.63			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-714	SDG No.:	D1280
Lab Sample ID:	D1280-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002637.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.45	U	0.64	4.9	ug/Kg
74-87-3	Chloromethane	2.45	U	0.85	4.9	ug/Kg
75-01-4	Vinyl Chloride	2.45	U	1.2	4.9	ug/Kg
74-83-9	Bromomethane	2.45	U	2.4	4.9	ug/Kg
75-00-3	Chloroethane	2.45	U	1.4	4.9	ug/Kg
75-69-4	Trichlorofluoromethane	2.45	U	1.3	4.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.45	U	1.3	4.9	ug/Kg
75-35-4	1,1-Dichloroethene	2.45	U	1.4	4.9	ug/Kg
67-64-1	Acetone	19	J	3	25	ug/Kg
75-15-0	Carbon Disulfide	2.45	U	1	4.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.45	U	0.95	4.9	ug/Kg
79-20-9	Methyl Acetate	2.45	U	1.5	4.9	ug/Kg
75-09-2	Methylene Chloride	2.7	J	1.4	4.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.45	U	0.68	4.9	ug/Kg
75-34-3	1,1-Dichloroethane	2.45	U	0.93	4.9	ug/Kg
110-82-7	Cyclohexane	2.45	U	1	4.9	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.45	U	0.98	4.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.45	U	0.88	4.9	ug/Kg
67-66-3	Chloroform	2.45	U	0.73	4.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.45	U	0.87	4.9	ug/Kg
108-87-2	Methylcyclohexane	2.45	U	1	4.9	ug/Kg
71-43-2	Benzene	2.45	U	0.37	4.9	ug/Kg
107-06-2	1,2-Dichloroethane	2.45	U	0.63	4.9	ug/Kg
79-01-6	Trichloroethene	2.45	U	0.85	4.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.45	U	0.26	4.9	ug/Kg
75-27-4	Bromodichloromethane	2.45	U	0.61	4.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.45	U	0.63	4.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.45	U	0.78	4.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.45	U	0.71	4.9	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-714	SDG No.:	D1280
Lab Sample ID:	D1280-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002637.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.45	U	0.89	4.9	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.45	U	0.53	4.9	ug/Kg
106-93-4	1,2-Dibromoethane	2.45	U	0.63	4.9	ug/Kg
127-18-4	Tetrachloroethene	2.45	U	1	4.9	ug/Kg
108-90-7	Chlorobenzene	2.45	U	0.49	4.9	ug/Kg
100-41-4	Ethyl Benzene	2.45	U	0.61	4.9	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.71	9.9	ug/Kg
95-47-6	o-Xylene	2.45	U	0.67	4.9	ug/Kg
100-42-5	Styrene	2.45	U	0.44	4.9	ug/Kg
75-25-2	Bromoform	2.45	U	0.73	4.9	ug/Kg
98-82-8	Isopropylbenzene	2.45	U	0.47	4.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.45	U	0.45	4.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.45	U	0.36	4.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.45	U	0.4	4.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.45	U	0.61	4.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.45	U	0.86	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.45	U	0.69	4.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		55 - 158	100%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		53 - 156	92%	SPK: 50
2037-26-5	Toluene-d8	44		85 - 115	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.5	*	85 - 120	59%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1764630	8.05			
540-36-3	1,4-Difluorobenzene	2729720	8.95			
3114-55-4	Chlorobenzene-d5	1345350	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	411626	13.63			
TENTATIVE IDENTIFIED COMPOUNDS						
003728-56-1	1-Ethyl-4-methylcyclohexane	5.6	J		12.22	ug/Kg
	unknown12.86	5.1	J		12.86	ug/Kg
006971-40-0	17-Pentatriacontene	13	J		13.02	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-714	SDG No.:	D1280
Lab Sample ID:	D1280-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002637.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000493-02-7	Naphthalene, decahydro-, trans-	11	J		13.95	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-714RE	SDG No.:	D1280
Lab Sample ID:	D1280-05RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002643.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	23	J	3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.6	J	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/23/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-714RE	SDG No.:	D1280
Lab Sample ID:	D1280-05RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002643.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		55 - 158	98%	SPK: 50
1868-53-7	Dibromofluoromethane	44		53 - 156	88%	SPK: 50
2037-26-5	Toluene-d8	40.7	*	85 - 115	81%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.9	*	85 - 120	60%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1649340	8.05			
540-36-3	1,4-Difluorobenzene	2592910	8.95			
3114-55-4	Chlorobenzene-d5	1267650	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	411895	13.63			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-744	SDG No.:	D1280
Lab Sample ID:	D1280-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002638.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.85	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	24	J	3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.95	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.93	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.98	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.88	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.87	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.85	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-744	SDG No.:	D1280
Lab Sample ID:	D1280-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002638.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.89	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.72	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.86	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		55 - 158	101%	SPK: 50
1868-53-7	Dibromofluoromethane	32		53 - 156	64%	SPK: 50
2037-26-5	Toluene-d8	46.8		85 - 115	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.6	*	85 - 120	73%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1817790	8.05			
540-36-3	1,4-Difluorobenzene	2797100	8.95			
3114-55-4	Chlorobenzene-d5	1504030	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	568572	13.63			
TENTATIVE IDENTIFIED COMPOUNDS						
000111-84-2	Nonane	6.4	J		11.94	ug/Kg
006236-88-0	Cyclohexane, 1-ethyl-4-methyl-, tr	7.1	J		12.23	ug/Kg
	unknown12.86	5.3	J		12.86	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-744	SDG No.:	D1280
Lab Sample ID:	D1280-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002638.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
002461-18-9	Oxirane, [(dodecyloxy)methyl]-	18	J		13.02	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	13	J		13.95	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	9.3	J		14.45	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-744RE	SDG No.:	D1280
Lab Sample ID:	D1280-06RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002644.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.87	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	29		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.97	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.95	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	1	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.9	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.89	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.87	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-744RE	SDG No.:	D1280
Lab Sample ID:	D1280-06RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002644.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.91	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.88	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		55 - 158	107%	SPK: 50
1868-53-7	Dibromofluoromethane	37.3		53 - 156	75%	SPK: 50
2037-26-5	Toluene-d8	49.6		85 - 115	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.8	*	85 - 120	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1641360	8.05			
540-36-3	1,4-Difluorobenzene	2524290	8.95			
3114-55-4	Chlorobenzene-d5	1312480	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	489943	13.63			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-764	SDG No.:	D1280
Lab Sample ID:	D1280-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002639.D	1		01/26/12	vt012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.87	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	35		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.97	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	3.1	J	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.95	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	1	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.9	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.89	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.87	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-764	SDG No.:	D1280
Lab Sample ID:	D1280-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002639.D	1		01/26/12	vt012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.91	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.88	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		55 - 158	100%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		53 - 156	96%	SPK: 50
2037-26-5	Toluene-d8	45.1		85 - 115	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	31.7	*	85 - 120	63%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1752410	8.05			
540-36-3	1,4-Difluorobenzene	2687740	8.95			
3114-55-4	Chlorobenzene-d5	1334680	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	422574	13.62			
TENTATIVE IDENTIFIED COMPOUNDS						
000506-52-5	1-Hexacosanol	15	J		13.02	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	11	J		13.95	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	7.2	J		14.45	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-764RE	SDG No.:	D1280
Lab Sample ID:	D1280-07RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002645.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.45	U	0.64	4.9	ug/Kg
74-87-3	Chloromethane	2.45	U	0.85	4.9	ug/Kg
75-01-4	Vinyl Chloride	2.45	U	1.2	4.9	ug/Kg
74-83-9	Bromomethane	2.45	U	2.4	4.9	ug/Kg
75-00-3	Chloroethane	2.45	U	1.4	4.9	ug/Kg
75-69-4	Trichlorofluoromethane	2.45	U	1.3	4.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.45	U	1.3	4.9	ug/Kg
75-35-4	1,1-Dichloroethene	2.45	U	1.5	4.9	ug/Kg
67-64-1	Acetone	36		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.45	U	1	4.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.45	U	0.95	4.9	ug/Kg
79-20-9	Methyl Acetate	2.45	U	1.5	4.9	ug/Kg
75-09-2	Methylene Chloride	2.9	J	1.4	4.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.45	U	0.68	4.9	ug/Kg
75-34-3	1,1-Dichloroethane	2.45	U	0.93	4.9	ug/Kg
110-82-7	Cyclohexane	2.45	U	1	4.9	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.45	U	0.98	4.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.45	U	0.88	4.9	ug/Kg
67-66-3	Chloroform	2.45	U	0.73	4.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.45	U	0.87	4.9	ug/Kg
108-87-2	Methylcyclohexane	2.45	U	1	4.9	ug/Kg
71-43-2	Benzene	2.45	U	0.38	4.9	ug/Kg
107-06-2	1,2-Dichloroethane	2.45	U	0.63	4.9	ug/Kg
79-01-6	Trichloroethene	2.45	U	0.85	4.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.45	U	0.26	4.9	ug/Kg
75-27-4	Bromodichloromethane	2.45	U	0.61	4.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.45	U	0.63	4.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.45	U	0.78	4.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.45	U	0.71	4.9	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-764RE	SDG No.:	D1280
Lab Sample ID:	D1280-07RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VT002645.D	1		01/26/12	VT012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.45	U	0.89	4.9	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.45	U	0.53	4.9	ug/Kg
106-93-4	1,2-Dibromoethane	2.45	U	0.63	4.9	ug/Kg
127-18-4	Tetrachloroethene	2.45	U	1	4.9	ug/Kg
108-90-7	Chlorobenzene	2.45	U	0.49	4.9	ug/Kg
100-41-4	Ethyl Benzene	2.45	U	0.61	4.9	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.71	9.9	ug/Kg
95-47-6	o-Xylene	2.45	U	0.67	4.9	ug/Kg
100-42-5	Styrene	2.45	U	0.44	4.9	ug/Kg
75-25-2	Bromoform	2.45	U	0.73	4.9	ug/Kg
98-82-8	Isopropylbenzene	2.45	U	0.47	4.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.45	U	0.45	4.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.45	U	0.37	4.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.45	U	0.41	4.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.45	U	0.61	4.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.45	U	0.86	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.45	U	0.69	4.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.6		55 - 158	93%	SPK: 50
1868-53-7	Dibromofluoromethane	43.4		53 - 156	87%	SPK: 50
2037-26-5	Toluene-d8	41.8	*	85 - 115	84%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.7	*	85 - 120	59%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1875220	8.05			
540-36-3	1,4-Difluorobenzene	2903730	8.95			
3114-55-4	Chlorobenzene-d5	1442630	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	460025	13.63			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-754	SDG No.:	D1280
Lab Sample ID:	D1280-08	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003161.D	1		01/26/12	VR012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	6.8		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/24/12
Project:	Bethpage CTO-066	Date Received:	01/25/12
Client Sample ID:	BP-VPB133-GW-754	SDG No.:	D1280
Lab Sample ID:	D1280-08	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003161.D	1		01/26/12	VR012612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.1		70 - 120	90%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		85 - 115	94%	SPK: 50
2037-26-5	Toluene-d8	47		85 - 120	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		75 - 120	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2099760	7.57			
540-36-3	1,4-Difluorobenzene	3691150	8.5			
3114-55-4	Chlorobenzene-d5	3210840	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1616800	13.25			

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1320**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 02/01/2012

Dear David Brayack,

3 water and **6** soil samples for the **Bethpage CTO-066** project were received on **01/28/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D 1320

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER Nº 1155 | PAGE 1 OF 1

PROJECT NO: 112G00622	FACILITY: BENTHAGE 002 VPB133	PROJECT MANAGER David Brayack	PHONE NUMBER 757-461-3768	LABORATORY NAME AND CONTACT: Chemtech 908-789 8900
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER Jim Ferguson	PHONE NUMBER 412-496-9383	ADDRESS 284 Sheffield Street
		CARRIER/WAYBILL NUMBER 8735 5966 0369		CITY, STATE Mountainside NJ 07092

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☒ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS VOC	COMMENTS
									G	HCl		
1/25	08:00	BP-VPB-TB-012513	VPB 133	—	—	GW	G	2			X	
1/25	13:50	BP-VPB133-GW-784	VPB 133	783	784	GW	G	2			X	Sediment in Sample
1/25	16:25	BP-VPB133-GW-794	VPB 133	793	794	GW	G	1			X	Trace Sediment in Sample
1/26	11:50	BP-VPB133-GW-808	VPB 133	807	808	GW	G	2			X	
1/26	15:00	BP-VPB133-GW-814	VPB 133	813	814	GW	G	2			X	Cloudy, Sediment, Bubbles in Sample from Pump
1/27	10:55	BP-VPB133-GW-824	VPB 133	823	824	GW	G	1			(X) - UNPRESERVED	
1/27	14:00	BP-VPB133-DW	VPB 133	—	—	W	G	2			X	Fire hydrant water
1/27	14:30	BP-VPB133-DM	VPB 133	—	—	Drill Mud	G	2			(X) - UNPRESERVED	Washing mud
1/27	15:00	BP-VPB133-834	VPB 133	833	834	GW	G	2			(X) - UNPRESERVED	Sediment in Sample

1. RELINQUISHED BY	DATE 1/27/2012	TIME 17:30	1. RECEIVED BY FEDERAL EXPRESS AB" 8735 5966 0369	DATE 1/27/2012	TIME 17:30
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY FedEx	DATE 1/28/12	TIME 10:10	3. RECEIVED BY Jen Rivera	DATE 1/28/12	TIME 10:10

COMMENTS Temp: 4°C

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/25/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB-TB-012512	SDG No.:	D1320
Lab Sample ID:	D1320-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003246.D	1		01/31/12	VR013112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	2.5	U	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/25/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB-TB-012512	SDG No.:	D1320
Lab Sample ID:	D1320-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003246.D	1		01/31/12	VR013112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.1		70 - 120	92%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		85 - 115	96%	SPK: 50
2037-26-5	Toluene-d8	47.2		85 - 120	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		75 - 120	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1927340	7.57			
540-36-3	1,4-Difluorobenzene	3489970	8.5			
3114-55-4	Chlorobenzene-d5	3070250	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1540680	13.25			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/25/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-784	SDG No.:	D1320
Lab Sample ID:	D1320-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031006.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	53		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/25/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-784	SDG No.:	D1320
Lab Sample ID:	D1320-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031006.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	37.9		55 - 158	76%	SPK: 50
1868-53-7	Dibromofluoromethane	44.2		53 - 156	88%	SPK: 50
2037-26-5	Toluene-d8	47.1		85 - 115	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		85 - 120	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173667	4.37			
540-36-3	1,4-Difluorobenzene	288467	5.11			
3114-55-4	Chlorobenzene-d5	263030	9.3			
3855-82-1	1,4-Dichlorobenzene-d4	124410	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown1.91	6.7	J		1.91	ug/Kg
	unknown5.78	7.0	J		5.78	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	5.5	J		10.89	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/25/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-784	SDG No.:	D1320
Lab Sample ID:	D1320-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031006.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
004176-01-6	Bicyclo[4.1.0]heptan-3-one, 4,7,7-	5.3	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/25/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-794	SDG No.:	D1320
Lab Sample ID:	D1320-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003247.D	1		01/31/12	VR013112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	15		0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	3.9	J	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.5	U	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/25/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-794	SDG No.:	D1320
Lab Sample ID:	D1320-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003247.D	1		01/31/12	VR013112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		70 - 120	94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		85 - 115	97%	SPK: 50
2037-26-5	Toluene-d8	47.5		85 - 120	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		75 - 120	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1942810	7.57			
540-36-3	1,4-Difluorobenzene	3480580	8.5			
3114-55-4	Chlorobenzene-d5	3106030	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1560550	13.25			
TENTATIVE IDENTIFIED COMPOUNDS						
000115-07-1	Propene	6.4	J		1.81	ug/L
000124-13-0	Octanal	5.1	J		13.1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/26/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-808	SDG No.:	D1320
Lab Sample ID:	D1320-04	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031007.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.64	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.85	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.4	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	24	J	3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.95	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.68	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.93	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.98	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.88	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.73	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.87	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.63	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.85	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.61	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.63	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.78	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.71	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/26/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-808	SDG No.:	D1320
Lab Sample ID:	D1320-04	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031007.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.89	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.53	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.63	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.61	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	0.71	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	0.67	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.73	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.61	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.86	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.69	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	37.3		55 - 158	75%	SPK: 50
1868-53-7	Dibromofluoromethane	44.7		53 - 156	89%	SPK: 50
2037-26-5	Toluene-d8	48.6		85 - 115	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		85 - 120	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	172218	4.36			
540-36-3	1,4-Difluorobenzene	283909	5.1			
3114-55-4	Chlorobenzene-d5	265140	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	142657	12.22			
TENTATIVE IDENTIFIED COMPOUNDS						
042075-32-1	(2R,4R)-(-)-Pentanediol	6.6	J		1.9	ug/Kg
000071-36-3	1-Butanol	7.2	J		5.77	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/26/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-814	SDG No.:	D1320
Lab Sample ID:	D1320-05	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031008.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	27		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/26/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-814	SDG No.:	D1320
Lab Sample ID:	D1320-05	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031008.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.7		55 - 158	77%	SPK: 50
1868-53-7	Dibromofluoromethane	45.5		53 - 156	91%	SPK: 50
2037-26-5	Toluene-d8	47.9		85 - 115	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47		85 - 120	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	157529	4.37			
540-36-3	1,4-Difluorobenzene	259847	5.11			
3114-55-4	Chlorobenzene-d5	246095	9.3			
3855-82-1	1,4-Dichlorobenzene-d4	121652	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
019489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	6.3	J		9.78	ug/Kg
	unknown10.26	6.1	J		10.26	ug/Kg
006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	6.6	J		10.89	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/26/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-814	SDG No.:	D1320
Lab Sample ID:	D1320-05	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031008.D	1		01/30/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
062338-08-3	3-Hexene, 3-ethyl-2,5-dimethyl-	5.5	J		11.21	ug/Kg
000124-18-5	Decane	6.9	J		11.33	ug/Kg
002847-72-5	Decane, 4-methyl-	6.2	J		11.68	ug/Kg
1000155-85-6	cis-Decalin, 2-syn-methyl-	7.5	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-824	SDG No.:	D1320
Lab Sample ID:	D1320-06	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031017.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.55	U	0.66	5.1	ug/Kg
74-87-3	Chloromethane	2.55	U	0.87	5.1	ug/Kg
75-01-4	Vinyl Chloride	2.55	U	1.2	5.1	ug/Kg
74-83-9	Bromomethane	2.55	U	2.5	5.1	ug/Kg
75-00-3	Chloroethane	2.55	U	1.4	5.1	ug/Kg
75-69-4	Trichlorofluoromethane	2.55	U	1.3	5.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.55	U	1.3	5.1	ug/Kg
75-35-4	1,1-Dichloroethene	2.55	U	1.5	5.1	ug/Kg
67-64-1	Acetone	28		3.1	25	ug/Kg
75-15-0	Carbon Disulfide	2.55	U	1.1	5.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.55	U	0.97	5.1	ug/Kg
79-20-9	Methyl Acetate	2.55	U	1.5	5.1	ug/Kg
75-09-2	Methylene Chloride	2.55	U	1.4	5.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.55	U	0.7	5.1	ug/Kg
75-34-3	1,1-Dichloroethane	2.55	U	0.95	5.1	ug/Kg
110-82-7	Cyclohexane	2.55	U	1	5.1	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.55	U	1	5.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.55	U	0.9	5.1	ug/Kg
67-66-3	Chloroform	2.55	U	0.75	5.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.55	U	0.89	5.1	ug/Kg
108-87-2	Methylcyclohexane	2.55	U	1.1	5.1	ug/Kg
71-43-2	Benzene	2.55	U	0.38	5.1	ug/Kg
107-06-2	1,2-Dichloroethane	2.55	U	0.65	5.1	ug/Kg
79-01-6	Trichloroethene	2.55	U	0.87	5.1	ug/Kg
78-87-5	1,2-Dichloropropane	2.55	U	0.26	5.1	ug/Kg
75-27-4	Bromodichloromethane	2.55	U	0.63	5.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	3	25	ug/Kg
108-88-3	Toluene	2.55	U	0.65	5.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.55	U	0.8	5.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.55	U	0.73	5.1	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-GW-824	SDG No.:	D1320
Lab Sample ID:	D1320-06	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031017.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.55	U	0.91	5.1	ug/Kg
591-78-6	2-Hexanone	12.5	U	4	25	ug/Kg
124-48-1	Dibromochloromethane	2.55	U	0.55	5.1	ug/Kg
106-93-4	1,2-Dibromoethane	2.55	U	0.65	5.1	ug/Kg
127-18-4	Tetrachloroethene	2.55	U	1	5.1	ug/Kg
108-90-7	Chlorobenzene	2.55	U	0.51	5.1	ug/Kg
100-41-4	Ethyl Benzene	2.55	U	0.63	5.1	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.73	10	ug/Kg
95-47-6	o-Xylene	2.55	U	0.69	5.1	ug/Kg
100-42-5	Styrene	2.55	U	0.46	5.1	ug/Kg
75-25-2	Bromoform	2.55	U	0.75	5.1	ug/Kg
98-82-8	Isopropylbenzene	2.55	U	0.49	5.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.55	U	0.47	5.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.55	U	0.37	5.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.55	U	0.41	5.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.55	U	0.63	5.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.55	U	0.88	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.55	U	0.71	5.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.7		55 - 158	79%	SPK: 50
1868-53-7	Dibromofluoromethane	43.7		53 - 156	87%	SPK: 50
2037-26-5	Toluene-d8	47.5		85 - 115	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5		85 - 120	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	184326	4.36			
540-36-3	1,4-Difluorobenzene	322238	5.11			
3114-55-4	Chlorobenzene-d5	292119	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	134294	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
004926-78-7	Cyclohexane, 1-ethyl-4-methyl-, ci	5.8	J		9.78	ug/Kg
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	6.8	J		10.89	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	7.6	J		12.88	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-DW	SDG No.:	D1320
Lab Sample ID:	D1320-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003248.D	1		01/31/12	VR013112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	1	ug/L
74-87-3	Chloromethane	0.5	U	0.2	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	1	ug/L
74-83-9	Bromomethane	0.5	U	0.2	1	ug/L
75-00-3	Chloroethane	0.5	U	0.2	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	1	ug/L
67-64-1	Acetone	1.6	J	0.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.2	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	1	ug/L
78-93-3	2-Butanone	2.5	U	1.3	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	1	ug/L
67-66-3	Chloroform	0.63	J	0.34	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.4	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	1	ug/L
71-43-2	Benzene	0.5	U	0.32	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.48	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	1	ug/L
75-27-4	Bromodichloromethane	1.1		0.36	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	5	ug/L
108-88-3	Toluene	0.5	U	0.37	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-DW	SDG No.:	D1320
Lab Sample ID:	D1320-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003248.D	1		01/31/12	VR013112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	1	ug/L
591-78-6	2-Hexanone	2.5	U	1.9	5	ug/L
124-48-1	Dibromochloromethane	1.7		0.2	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	2	ug/L
95-47-6	o-Xylene	0.5	U	0.43	1	ug/L
100-42-5	Styrene	0.5	U	0.36	1	ug/L
75-25-2	Bromoform	0.5	U	0.47	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.46	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.5		70 - 120	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		85 - 115	97%	SPK: 50
2037-26-5	Toluene-d8	47.5		85 - 120	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		75 - 120	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1944130	7.57			
540-36-3	1,4-Difluorobenzene	3466960	8.5			
3114-55-4	Chlorobenzene-d5	3087860	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1540100	13.25			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-DM	SDG No.:	D1320
Lab Sample ID:	D1320-08	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031018.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	51		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-DM	SDG No.:	D1320
Lab Sample ID:	D1320-08	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031018.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	37.7		55 - 158	75%	SPK: 50
1868-53-7	Dibromofluoromethane	42.2		53 - 156	84%	SPK: 50
2037-26-5	Toluene-d8	46.5		85 - 115	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	45		85 - 120	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	179987	4.37			
540-36-3	1,4-Difluorobenzene	306389	5.11			
3114-55-4	Chlorobenzene-d5	276236	9.3			
3855-82-1	1,4-Dichlorobenzene-d4	126167	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
019489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	5.7	J		9.78	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	7.2	J		10.89	ug/Kg
	unknown11.68	5.1	J		11.68	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-DM	SDG No.:	D1320
Lab Sample ID:	D1320-08	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031018.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
015932-80-6	Cyclohexanone, 5-methyl-2-(1-methy	7.7	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-834	SDG No.:	D1320
Lab Sample ID:	D1320-09	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031019.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	0.65	5	ug/Kg
74-87-3	Chloromethane	2.5	U	0.86	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	1.2	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	1.4	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	1.3	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	1.3	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	1.5	5	ug/Kg
67-64-1	Acetone	73		3	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	1.1	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	0.96	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	1.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	1.4	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	0.69	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	0.94	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	1	5	ug/Kg
78-93-3	2-Butanone	12.5	U	3.1	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	0.99	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	0.89	5	ug/Kg
67-66-3	Chloroform	2.5	U	0.74	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	0.88	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	1.1	5	ug/Kg
71-43-2	Benzene	2.5	U	0.38	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	0.64	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	0.86	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	0.26	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	0.62	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	2.9	25	ug/Kg
108-88-3	Toluene	2.5	U	0.64	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	0.79	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	0.72	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-834	SDG No.:	D1320
Lab Sample ID:	D1320-09	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031019.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	0.9	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.9	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	0.54	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	0.64	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	1	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	0.62	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	0.72	10	ug/Kg
95-47-6	o-Xylene	2.5	U	0.68	5	ug/Kg
100-42-5	Styrene	2.5	U	0.45	5	ug/Kg
75-25-2	Bromoform	2.5	U	0.74	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	0.48	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	0.46	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	0.37	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	0.41	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	0.62	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	0.87	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	0.7	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.4		55 - 158	77%	SPK: 50
1868-53-7	Dibromofluoromethane	44.7		53 - 156	89%	SPK: 50
2037-26-5	Toluene-d8	46.8		85 - 115	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		85 - 120	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	168606	4.37			
540-36-3	1,4-Difluorobenzene	272871	5.11			
3114-55-4	Chlorobenzene-d5	254088	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	122085	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
019489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	5.7	J		9.78	ug/Kg
	unknown10.27	5.9	J		10.27	ug/Kg
062960-77-4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	8.1	J		10.89	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/27/12
Project:	Bethpage CTO-066	Date Received:	01/28/12
Client Sample ID:	BP-VPB133-834	SDG No.:	D1320
Lab Sample ID:	D1320-09	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031019.D	1		01/31/12	VF013012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000124-18-5	Decane	5.5	J		11.33	ug/Kg
007154-80-5	Heptane, 3,3,5-trimethyl-	7.3	J		11.69	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	8.6	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1365**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 02/07/2012

Dear David Brayack,

1 water and **6** soil samples for the **Bethpage CTO-066** project were received on **02/02/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D1365

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER Nº 1156 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112600622	BP/ARCO 607 VPB133	David Bernack	757 461 3768	Chemtech K. Kramer
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		Jim Ferguson / S. Lewis	412-496-9283	284 Sheffield Street
		CARRIER/WAYBILL NUMBER		CITY, STATE
		8000 4356 0791		Mountainside NJ 07092

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☒ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)								COMMENTS
									PRESERVATIVE USED		UNPRES.	HCL					
									TYPE OF ANALYSIS	VOC	VOC						
1/30	11:30	BP-VPB133-GW-844	VPB 133	843	844	GW	G	2	X	—							Gray, turbid, UNPRES.
1/30	14:30	BP-VPB133-GW-854	VPB 133	853	854	GW	G	2	X	X							Grey / turb. 1 pres / 1 unpres
1/30	08:00	BP-VPB133-TB-013012-JF	—	—	—	GW	G	2	—	X							
1/31	10:10	BP-VPB133-GW-864	VPB 133	863	864	GW	G	2	X	—							GRAY, Turb.d
1/31	13:10	BP-VPB133-GW-874	VPB 133	873	874	GW	G	2	X	—							" "
1/31	16:10	BP-VPB133-GW-884	VPB 133	883	884	GW	G	2	X	—							" "
2/1	12:20	BP-VPB133-GW-904	VPB 133	903	904	GW	G	2	X	—							" "

1. RELINQUISHED BY	DATE 2/1/2012	TIME 17:45	1. RECEIVED BY Fedex Express AB# 8000 4356 0791	DATE 2/1/2012	TIME 17:45
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY Fedex	DATE 2/2/12	TIME 9:15	3. RECEIVED BY Palab Shah	DATE 2/2/12	TIME 9:15

COMMENTS Temp 4°C

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/30/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-844	SDG No.:	d1365
Lab Sample ID:	D1365-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031102.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/Kg
74-87-3	Chloromethane	2.5	U	2.5	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	2.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-64-1	Acetone	12.5	U	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	2.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	2.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-66-3	Chloroform	2.5	U	2.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/Kg
71-43-2	Benzene	2.5	U	2.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.5	U	2.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/30/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-844	SDG No.:	d1365
Lab Sample ID:	D1365-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031102.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	5	10	ug/Kg
95-47-6	o-Xylene	2.5	U	2.5	5	ug/Kg
100-42-5	Styrene	2.5	U	2.5	5	ug/Kg
75-25-2	Bromoform	2.5	U	2.5	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.8			92%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6			99%	SPK: 50
2037-26-5	Toluene-d8	46.7			93%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2			94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	127195	4.38			
540-36-3	1,4-Difluorobenzene	215545	5.12			
3114-55-4	Chlorobenzene-d5	204289	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	104701	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
004926-78-7	Cyclohexane, 1-ethyl-4-methyl-, ci	5.1	J		9.79	ug/Kg
062960-77-4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	6.5	J		10.9	ug/Kg
004291-79-6	Cyclohexane, 1-methyl-2-propyl-	5.1	J		11.21	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/30/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-844	SDG No.:	d1365
Lab Sample ID:	D1365-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031102.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
021078-65-9	1-Decanol, 2-ethyl-	5.5	J		11.34	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	9.6	J		12.29	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	7.1	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/30/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-854	SDG No.:	d1365
Lab Sample ID:	D1365-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031103.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/Kg
74-87-3	Chloromethane	2.5	U	2.5	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	2.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-64-1	Acetone	18	J	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	2.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	2.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-66-3	Chloroform	2.5	U	2.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/Kg
71-43-2	Benzene	2.5	U	2.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.5	U	2.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/30/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-854	SDG No.:	d1365
Lab Sample ID:	D1365-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031103.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	4.95	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	2.5	5	ug/Kg
100-42-5	Styrene	2.5	U	2.5	5	ug/Kg
75-25-2	Bromoform	2.5	U	2.5	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.4			85%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1			96%	SPK: 50
2037-26-5	Toluene-d8	48			96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1			98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	122150	4.38			
540-36-3	1,4-Difluorobenzene	196307	5.12			
3114-55-4	Chlorobenzene-d5	193002	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	92557	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown10.90	5.7	J		10.9	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	12	J		12.29	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	6.5	J		12.89	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/30/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-TB-013012-JF	SDG No.:	d1365
Lab Sample ID:	D1365-03	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003356.D	1		02/02/12	VR020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.5	1	ug/L
74-87-3	Chloromethane	0.5	U	0.5	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.5	1	ug/L
74-83-9	Bromomethane	0.5	U	0.5	1	ug/L
75-00-3	Chloroethane	0.5	U	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.5	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.5	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.5	1	ug/L
67-64-1	Acetone	2.5	U	2.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.5	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.5	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.5	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.5	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.5	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.5	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.5	1	ug/L
78-93-3	2-Butanone	2.5	U	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.5	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.5	1	ug/L
67-66-3	Chloroform	0.5	U	0.5	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.5	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.5	1	ug/L
71-43-2	Benzene	0.5	U	0.5	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.5	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.5	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.5	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.5	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	5	ug/L
108-88-3	Toluene	0.5	U	0.5	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.5	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.5	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/30/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-TB-013012-JF	SDG No.:	d1365
Lab Sample ID:	D1365-03	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003356.D	1		02/02/12	VR020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.5	1	ug/L
591-78-6	2-Hexanone	2.5	U	2.5	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.5	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.5	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.5	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.5	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.5	1	ug/L
179601-23-1	m/p-Xylenes	1	U	1	2	ug/L
95-47-6	o-Xylene	0.5	U	0.5	1	ug/L
100-42-5	Styrene	0.5	U	0.5	1	ug/L
75-25-2	Bromoform	0.5	U	0.5	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.5	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.5	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.5	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.5	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.5	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.5	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.5	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.4			95%	SPK: 50
1868-53-7	Dibromofluoromethane	49			98%	SPK: 50
2037-26-5	Toluene-d8	43.9			88%	SPK: 50
460-00-4	4-Bromofluorobenzene	48			96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1721070	7.57			
540-36-3	1,4-Difluorobenzene	3089190	8.5			
3114-55-4	Chlorobenzene-d5	2384890	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1362130	13.25			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-864	SDG No.:	d1365
Lab Sample ID:	D1365-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.9 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031104.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.55	U	2.55	5.1	ug/Kg
74-87-3	Chloromethane	2.55	U	2.55	5.1	ug/Kg
75-01-4	Vinyl Chloride	2.55	U	2.55	5.1	ug/Kg
74-83-9	Bromomethane	2.55	U	2.55	5.1	ug/Kg
75-00-3	Chloroethane	2.55	U	2.55	5.1	ug/Kg
75-69-4	Trichlorofluoromethane	2.55	U	2.55	5.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.55	U	2.55	5.1	ug/Kg
75-35-4	1,1-Dichloroethene	2.55	U	2.55	5.1	ug/Kg
67-64-1	Acetone	13	U	13	26	ug/Kg
75-15-0	Carbon Disulfide	2.55	U	2.55	5.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.55	U	2.55	5.1	ug/Kg
79-20-9	Methyl Acetate	2.55	U	2.55	5.1	ug/Kg
75-09-2	Methylene Chloride	2.55	U	2.55	5.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.55	U	2.55	5.1	ug/Kg
75-34-3	1,1-Dichloroethane	2.55	U	2.55	5.1	ug/Kg
110-82-7	Cyclohexane	2.55	U	2.55	5.1	ug/Kg
78-93-3	2-Butanone	13	U	13	26	ug/Kg
56-23-5	Carbon Tetrachloride	2.55	U	2.55	5.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.55	U	2.55	5.1	ug/Kg
67-66-3	Chloroform	2.55	U	2.55	5.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.55	U	2.55	5.1	ug/Kg
108-87-2	Methylcyclohexane	2.55	U	2.55	5.1	ug/Kg
71-43-2	Benzene	2.55	U	2.55	5.1	ug/Kg
107-06-2	1,2-Dichloroethane	2.55	U	2.55	5.1	ug/Kg
79-01-6	Trichloroethene	2.55	U	2.55	5.1	ug/Kg
78-87-5	1,2-Dichloropropane	2.55	U	2.55	5.1	ug/Kg
75-27-4	Bromodichloromethane	2.55	U	2.55	5.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13	U	13	26	ug/Kg
108-88-3	Toluene	2.55	U	2.55	5.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.55	U	2.55	5.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.55	U	2.55	5.1	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-864	SDG No.:	d1365
Lab Sample ID:	D1365-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.9 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031104.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.55	U	2.55	5.1	ug/Kg
591-78-6	2-Hexanone	13	U	13	26	ug/Kg
124-48-1	Dibromochloromethane	2.55	U	2.55	5.1	ug/Kg
106-93-4	1,2-Dibromoethane	2.55	U	2.55	5.1	ug/Kg
127-18-4	Tetrachloroethene	2.55	U	2.55	5.1	ug/Kg
108-90-7	Chlorobenzene	2.55	U	2.55	5.1	ug/Kg
100-41-4	Ethyl Benzene	2.55	U	2.55	5.1	ug/Kg
179601-23-1	m/p-Xylenes	5	U	5	10	ug/Kg
95-47-6	o-Xylene	2.55	U	2.55	5.1	ug/Kg
100-42-5	Styrene	2.55	U	2.55	5.1	ug/Kg
75-25-2	Bromoform	2.55	U	2.55	5.1	ug/Kg
98-82-8	Isopropylbenzene	2.55	U	2.55	5.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.55	U	2.55	5.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.55	U	2.55	5.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.55	U	2.55	5.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.55	U	2.55	5.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.55	U	2.55	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.55	U	2.55	5.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3			97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4			99%	SPK: 50
2037-26-5	Toluene-d8	46.9			94%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5			105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	117380	4.38			
540-36-3	1,4-Difluorobenzene	199518	5.12			
3114-55-4	Chlorobenzene-d5	197635	9.32			
3855-82-1	1,4-Dichlorobenzene-d4	116640	12.23			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-874	SDG No.:	d1365
Lab Sample ID:	D1365-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031105.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.45	U	2.45	4.9	ug/Kg
74-87-3	Chloromethane	2.45	U	2.45	4.9	ug/Kg
75-01-4	Vinyl Chloride	2.45	U	2.45	4.9	ug/Kg
74-83-9	Bromomethane	2.45	U	2.45	4.9	ug/Kg
75-00-3	Chloroethane	2.45	U	2.45	4.9	ug/Kg
75-69-4	Trichlorofluoromethane	2.45	U	2.45	4.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.45	U	2.45	4.9	ug/Kg
75-35-4	1,1-Dichloroethene	2.45	U	2.45	4.9	ug/Kg
67-64-1	Acetone	20	J	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.45	U	2.45	4.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.45	U	2.45	4.9	ug/Kg
79-20-9	Methyl Acetate	2.45	U	2.45	4.9	ug/Kg
75-09-2	Methylene Chloride	2.45	U	2.45	4.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.45	U	2.45	4.9	ug/Kg
75-34-3	1,1-Dichloroethane	2.45	U	2.45	4.9	ug/Kg
110-82-7	Cyclohexane	2.45	U	2.45	4.9	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.45	U	2.45	4.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.45	U	2.45	4.9	ug/Kg
67-66-3	Chloroform	2.45	U	2.45	4.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.45	U	2.45	4.9	ug/Kg
108-87-2	Methylcyclohexane	2.45	U	2.45	4.9	ug/Kg
71-43-2	Benzene	2.45	U	2.45	4.9	ug/Kg
107-06-2	1,2-Dichloroethane	2.45	U	2.45	4.9	ug/Kg
79-01-6	Trichloroethene	2.45	U	2.45	4.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.45	U	2.45	4.9	ug/Kg
75-27-4	Bromodichloromethane	2.45	U	2.45	4.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.45	U	2.45	4.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.45	U	2.45	4.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.45	U	2.45	4.9	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-874	SDG No.:	d1365
Lab Sample ID:	D1365-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031105.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.45	U	2.45	4.9	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.45	U	2.45	4.9	ug/Kg
106-93-4	1,2-Dibromoethane	2.45	U	2.45	4.9	ug/Kg
127-18-4	Tetrachloroethene	2.45	U	2.45	4.9	ug/Kg
108-90-7	Chlorobenzene	2.45	U	2.45	4.9	ug/Kg
100-41-4	Ethyl Benzene	2.45	U	2.45	4.9	ug/Kg
179601-23-1	m/p-Xylenes	4.9	U	4.9	9.8	ug/Kg
95-47-6	o-Xylene	2.45	U	2.45	4.9	ug/Kg
100-42-5	Styrene	2.45	U	2.45	4.9	ug/Kg
75-25-2	Bromoform	2.45	U	2.45	4.9	ug/Kg
98-82-8	Isopropylbenzene	2.45	U	2.45	4.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.45	U	2.45	4.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.45	U	2.45	4.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.45	U	2.45	4.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.45	U	2.45	4.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.45	U	2.45	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.45	U	2.45	4.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.4			85%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4			99%	SPK: 50
2037-26-5	Toluene-d8	46.7			93%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6			99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	115953	4.38			
540-36-3	1,4-Difluorobenzene	193839	5.12			
3114-55-4	Chlorobenzene-d5	182472	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	93548	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
019489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	5.6	J		9.79	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	5.8	J		10.9	ug/Kg
004291-80-9	Cyclohexane, 1-methyl-3-propyl-	5.3	J		11.21	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-874	SDG No.:	d1365
Lab Sample ID:	D1365-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031105.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
021078-65-9	1-Decanol, 2-ethyl-	6.0	J		11.34	ug/Kg
007299-41-4	Terpineol, cis-.beta.-	6.3	J		11.69	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	12	J		12.29	ug/Kg
035365-59-4	9-Octadecyne	7.7	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-884	SDG No.:	d1365
Lab Sample ID:	D1365-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031106.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/Kg
74-87-3	Chloromethane	2.5	U	2.5	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	2.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-64-1	Acetone	20	J	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	2.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	2.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-66-3	Chloroform	2.5	U	2.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/Kg
71-43-2	Benzene	2.5	U	2.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.5	U	2.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-884	SDG No.:	d1365
Lab Sample ID:	D1365-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031106.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	5	10	ug/Kg
95-47-6	o-Xylene	2.5	U	2.5	5	ug/Kg
100-42-5	Styrene	2.5	U	2.5	5	ug/Kg
75-25-2	Bromoform	2.5	U	2.5	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.9			90%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3			95%	SPK: 50
2037-26-5	Toluene-d8	48.2			96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8			100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	112730	4.37			
540-36-3	1,4-Difluorobenzene	186646	5.12			
3114-55-4	Chlorobenzene-d5	185922	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	98976	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
004926-78-7	Cyclohexane, 1-ethyl-4-methyl-, ci	5.1	J		9.79	ug/Kg
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	6.1	J		10.9	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	11	J		12.29	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/31/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-884	SDG No.:	d1365
Lab Sample ID:	D1365-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031106.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
1000152-47-3	trans-Decalin, 2-methyl-	6.6	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/01/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-904	SDG No.:	d1365
Lab Sample ID:	D1365-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031107.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/Kg
74-87-3	Chloromethane	2.5	U	2.5	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	2.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-64-1	Acetone	33		12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	2.5	5	ug/Kg
75-09-2	Methylene Chloride	2.6	J	2.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-66-3	Chloroform	2.5	U	2.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/Kg
71-43-2	Benzene	2.5	U	2.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.5	U	2.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/01/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-904	SDG No.:	d1365
Lab Sample ID:	D1365-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031107.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	5	10	ug/Kg
95-47-6	o-Xylene	2.5	U	2.5	5	ug/Kg
100-42-5	Styrene	2.5	U	2.5	5	ug/Kg
75-25-2	Bromoform	2.5	U	2.5	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.5			83%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7			101%	SPK: 50
2037-26-5	Toluene-d8	47			94%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6			93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118755	4.38			
540-36-3	1,4-Difluorobenzene	190733	5.12			
3114-55-4	Chlorobenzene-d5	188018	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	91985	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
000107-46-0	Disiloxane, hexamethyl-	13	J		3.92	ug/Kg
062960-77-4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	5.7	J		10.9	ug/Kg
000124-18-5	Decane	5.8	J		11.34	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/01/12
Project:	Bethpage CTO-066	Date Received:	02/02/12
Client Sample ID:	BP-VPB133-GW-904	SDG No.:	d1365
Lab Sample ID:	D1365-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031107.D	1		02/02/12	VF020212

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
002847-72-5	Decane, 4-methyl-	7.2	J		11.69	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	9.0	J		12.29	ug/Kg
015232-85-6	Cyclohexene, 1-pentyl-	5.7	J		12.89	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D1436**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 02/13/2012

Dear David Brayack,

2 water and **2** soil samples for the **Bethpage CTO-066** project were received on **02/08/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D1436

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER Nº 1190 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112600622	BENTPAGE OU2 VPB133	DAVID BERNACK	757 461 3768	CHEMTECH (K. Hummel)
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
		J. LENTZ / J. FERGUSON	412-496-9283	284 SHEFFIELD STREET
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		8000 4355 8265		MOUNTAINSIDE NJ

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☒ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)		PRESERVATIVE USED		TYPE OF ANALYSIS							COMMENTS
									G	G		HCL		CHL						
													VOC	VOC						
2/2	09:00	BP-VPB133-TB-020212-SRF	TB	—	—	GW	G	2	X	—										
2/2	10:50	BP-VPB133-GW-934	VPB 133	938	939	GW	G	2	—	2										
2/2	16:15	BP-VPB133-GW-954	VPB 133	954	954	GW	G	2	—	2										
2/2	12:10	BP-VPB133-GW-974	VPB 133	973	974	GW	G	1	—	1										

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	2/07/12	16:15	1. RECEIVED BY FEDERAL Express AB# 8000 4355 8265	02/07/12	16:15
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY FedEx	DATE 2/8/12	TIME 9:15	3. RECEIVED BY PS	DATE 2/8/12	TIME 9:15

COMMENTS Temp 4°C

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-TB-020212-JRF	SDG No.:	D1436
Lab Sample ID:	D1436-01	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040832.D	1		02/08/12	VG020812

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.5	1	ug/L
74-87-3	Chloromethane	0.5	U	0.5	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.5	1	ug/L
74-83-9	Bromomethane	0.5	U	0.5	1	ug/L
75-00-3	Chloroethane	0.5	U	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.5	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.5	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.5	1	ug/L
67-64-1	Acetone	2.5	U	2.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.5	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.5	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.5	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.5	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.5	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.5	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.5	1	ug/L
78-93-3	2-Butanone	2.5	U	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.5	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.5	1	ug/L
67-66-3	Chloroform	0.5	U	0.5	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.5	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.5	1	ug/L
71-43-2	Benzene	0.5	U	0.5	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.5	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.5	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.5	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.5	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	5	ug/L
108-88-3	Toluene	0.5	U	0.5	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.5	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.5	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-TB-020212-JRF	SDG No.:	D1436
Lab Sample ID:	D1436-01	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040832.D	1		02/08/12	VG020812

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.5	1	ug/L
591-78-6	2-Hexanone	2.5	U	2.5	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.5	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.5	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.5	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.5	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.5	1	ug/L
179601-23-1	m/p-Xylenes	1	U	1	2	ug/L
95-47-6	o-Xylene	0.5	U	0.5	1	ug/L
100-42-5	Styrene	0.5	U	0.5	1	ug/L
75-25-2	Bromoform	0.5	U	0.5	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.5	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.5	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.5	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.5	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.5	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.5	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.5	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.9		70 - 120	112%	SPK: 50
1868-53-7	Dibromofluoromethane	43.3		85 - 115	87%	SPK: 50
2037-26-5	Toluene-d8	44.7		85 - 120	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.5		75 - 120	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1005150	3.89			
540-36-3	1,4-Difluorobenzene	1484850	4.7			
3114-55-4	Chlorobenzene-d5	1077240	9.68			
3855-82-1	1,4-Dichlorobenzene-d4	523570	13.37			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-TB-020212-JRF	SDG No.:	D1436
Lab Sample ID:	D1436-01	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040832.D	1		02/08/12	VG020812

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-939	SDG No.:	D1436
Lab Sample ID:	D1436-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031172.D	1		02/09/12	VF020912

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/Kg
74-87-3	Chloromethane	2.5	U	2.5	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	2.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-64-1	Acetone	12.5	U	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	2.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	2.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-66-3	Chloroform	2.5	U	2.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/Kg
71-43-2	Benzene	2.5	U	2.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.5	U	2.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-939	SDG No.:	D1436
Lab Sample ID:	D1436-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031172.D	1		02/09/12	VF020912

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	5	10	ug/Kg
95-47-6	o-Xylene	2.5	U	2.5	5	ug/Kg
100-42-5	Styrene	2.5	U	2.5	5	ug/Kg
75-25-2	Bromoform	2.5	U	2.5	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.3		55 - 158	81%	SPK: 50
1868-53-7	Dibromofluoromethane	45		53 - 156	90%	SPK: 50
2037-26-5	Toluene-d8	43.6		85 - 115	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		85 - 120	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	146721	4.36			
540-36-3	1,4-Difluorobenzene	228247	5.11			
3114-55-4	Chlorobenzene-d5	214434	9.3			
3855-82-1	1,4-Dichlorobenzene-d4	123228	12.23			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-939	SDG No.:	D1436
Lab Sample ID:	D1436-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031172.D	1		02/09/12	VF020912

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-959	SDG No.:	D1436
Lab Sample ID:	D1436-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031173.D	1		02/09/12	VF020912

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/Kg
74-87-3	Chloromethane	2.5	U	2.5	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	2.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-64-1	Acetone	12.5	U	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	2.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	2.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-66-3	Chloroform	2.5	U	2.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/Kg
71-43-2	Benzene	2.5	U	2.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.5	U	2.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-959	SDG No.:	D1436
Lab Sample ID:	D1436-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031173.D	1		02/09/12	VF020912

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/Kg
179601-23-1	m/p-Xylenes	5	U	5	10	ug/Kg
95-47-6	o-Xylene	2.5	U	2.5	5	ug/Kg
100-42-5	Styrene	2.5	U	2.5	5	ug/Kg
75-25-2	Bromoform	2.5	U	2.5	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	37.5		55 - 158	75%	SPK: 50
1868-53-7	Dibromofluoromethane	43.8		53 - 156	88%	SPK: 50
2037-26-5	Toluene-d8	43.1		85 - 115	86%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.9	*	85 - 120	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	130671	4.37			
540-36-3	1,4-Difluorobenzene	199948	5.11			
3114-55-4	Chlorobenzene-d5	179692	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	88473	12.23			
TENTATIVE IDENTIFIED COMPOUNDS						
006236-88-0	Cyclohexane, 1-ethyl-4-methyl-, tr	5.8	J		9.78	ug/Kg
	unknown10.26	7.2	J		10.26	ug/Kg
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	8.4	J		10.89	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-959	SDG No.:	D1436
Lab Sample ID:	D1436-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031173.D	1		02/09/12	VF020912

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
000124-18-5	Decane	8.8	J		11.33	ug/Kg
007154-80-5	Heptane, 3,3,5-trimethyl-	10	J		11.69	ug/Kg
015932-80-6	Cyclohexanone, 5-methyl-2-(1-methy	12	J		12.89	ug/Kg
1000155-85-6	cis-Decalin, 2-syn-methyl-	8.6	J		13.07	ug/Kg
013491-79-7	Cyclohexanol, 2-(1,1-dimethylethyl	9.9	J		14.88	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-959RE	SDG No.:	D1436
Lab Sample ID:	D1436-03RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031182.D	1		02/10/12	VF021012

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/Kg
74-87-3	Chloromethane	2.5	U	2.5	5	ug/Kg
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	5	ug/Kg
75-00-3	Chloroethane	2.5	U	2.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-64-1	Acetone	12.5	U	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/Kg
79-20-9	Methyl Acetate	2.5	U	2.5	5	ug/Kg
75-09-2	Methylene Chloride	2.5	U	2.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/Kg
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/Kg
78-93-3	2-Butanone	12.5	U	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/Kg
67-66-3	Chloroform	2.5	U	2.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/Kg
71-43-2	Benzene	2.5	U	2.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/Kg
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/Kg
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/Kg
108-88-3	Toluene	2.5	U	2.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-959RE	SDG No.:	D1436
Lab Sample ID:	D1436-03RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031182.D	1		02/10/12	VF021012

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/Kg
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/Kg
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/Kg
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/Kg
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/Kg
179601-23-1	m/p-Xylenes	4.95	U	4.95	9.9	ug/Kg
95-47-6	o-Xylene	2.5	U	2.5	5	ug/Kg
100-42-5	Styrene	2.5	U	2.5	5	ug/Kg
75-25-2	Bromoform	2.5	U	2.5	5	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	35.4		55 - 158	71%	SPK: 50
1868-53-7	Dibromofluoromethane	43.2		53 - 156	86%	SPK: 50
2037-26-5	Toluene-d8	42.8		85 - 115	86%	SPK: 50
460-00-4	4-Bromofluorobenzene	39	*	85 - 120	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	132978	4.37			
540-36-3	1,4-Difluorobenzene	201783	5.11			
3114-55-4	Chlorobenzene-d5	178169	9.31			
3855-82-1	1,4-Dichlorobenzene-d4	92610	12.23			

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/02/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-959RE	SDG No.:	D1436
Lab Sample ID:	D1436-03RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF031182.D	1		02/10/12	VF021012

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/03/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-974	SDG No.:	D1436
Lab Sample ID:	D1436-04	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040833.D	1		02/08/12	VG020812

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.5	U	0.5	1	ug/L
74-87-3	Chloromethane	0.5	U	0.5	1	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.5	1	ug/L
74-83-9	Bromomethane	0.5	U	0.5	1	ug/L
75-00-3	Chloroethane	0.5	U	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.5	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.5	1	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.5	1	ug/L
67-64-1	Acetone	2.5	U	2.5	5	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.5	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.5	1	ug/L
79-20-9	Methyl Acetate	0.5	U	0.5	1	ug/L
75-09-2	Methylene Chloride	0.5	U	0.5	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.5	1	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.5	1	ug/L
110-82-7	Cyclohexane	0.5	U	0.5	1	ug/L
78-93-3	2-Butanone	2.5	U	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.5	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.5	1	ug/L
67-66-3	Chloroform	0.5	U	0.5	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.5	U	0.5	1	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.5	1	ug/L
71-43-2	Benzene	0.5	U	0.5	1	ug/L
107-06-2	1,2-Dichloroethane	0.5	U	0.5	1	ug/L
79-01-6	Trichloroethene	0.5	U	0.5	1	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.5	1	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.5	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	5	ug/L
108-88-3	Toluene	0.5	U	0.5	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.5	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.5	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/03/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-974	SDG No.:	D1436
Lab Sample ID:	D1436-04	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040833.D	1		02/08/12	VG020812

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.5	1	ug/L
591-78-6	2-Hexanone	2.5	U	2.5	5	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.5	1	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.5	1	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.5	1	ug/L
108-90-7	Chlorobenzene	0.5	U	0.5	1	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.5	1	ug/L
179601-23-1	m/p-Xylenes	1	U	1	2	ug/L
95-47-6	o-Xylene	0.5	U	0.5	1	ug/L
100-42-5	Styrene	0.5	U	0.5	1	ug/L
75-25-2	Bromoform	0.5	U	0.5	1	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.5	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.5	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.5	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.5	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.5	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U	0.5	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.5	1	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57		70 - 120	114%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		85 - 115	97%	SPK: 50
2037-26-5	Toluene-d8	49.1		85 - 120	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.7		75 - 120	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	915668	3.9			
540-36-3	1,4-Difluorobenzene	1327230	4.7			
3114-55-4	Chlorobenzene-d5	1042240	9.67			
3855-82-1	1,4-Dichlorobenzene-d4	518076	13.38			
TENTATIVE IDENTIFIED COMPOUNDS						
000110-62-3	Pentanal	5.7	J		6.36	ug/L
000111-71-7	Heptanal	9.6	J		11.78	ug/L
000124-13-0	Octanal	9.7	J		13.8	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/03/12
Project:	Bethpage CTO-066	Date Received:	02/08/12
Client Sample ID:	BP-VPB133-GW-974	SDG No.:	D1436
Lab Sample ID:	D1436-04	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG040833.D	1		02/08/12	VG020812

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
000124-19-6	Nonanal	7.2	J		15.61	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution