N90845.AR.000771

Outpost Monitoring Well Pump Installation Data

Naval Weapons Industrial Reserve Plant Bethpage, New York

Engineering Field Activity Northeast
Naval Facilities Engineering Command

Contract No. N62467-94-D-0888
Contract Task Order 0812

June 2004

TETRA TECH NUS, INC.

TETRA TECH NUS, INC.
661 Andersen Drive • Pittsburgh, PA 15220
Tel 412.921.7090 • Fax 412.921.4040 • www.tetratech.com

PITT-06-4-044

June 17, 2004

Mr. Jim Colter (Code EV2/JLC)
Remedial Project Manager
Engineering Field Activity, Northeast
Naval Facilities Engineering Command
10 Industrial Highway, MS#82
Lester, Pennsylvania 19113

Reference: CLEAN Contract No. N62467-94-D-0888
Contract Task Order 0812

Subject: Outpost Monitoring Well Pump Installation Data
NWIRP Bethpage, New York

Dear Mr. Colter:

Please find enclosed one electronic copy and one paper copy of the subject report for your use.

If you have questions or need additional information, please call me at (412) 921- 8375.

Sincerely,

David D. Brayack
Project Manager

cc: Mr. R. Boucher (Navy) w/o attachment
Mr. J. Trepanowski (TtNUS)
File: N4037

APPENDIX A

PRE-INSTALLATION
SOAK TEST AND EQUIPMENT BLANK RESULTS

CHAIN OF CUSTODY FORMS
ANALYTICAL RESULTS

ARCADIS

ARCADIS G&M, Inc.
88 Duryea Road
Melville
New York 11747
Tel 631 249 7600
Fax 631 249 7610

MEMO

To
David Brayack
TetraTech, NUS, Inc.
661 Andersen Drive
Pittsburgh, PA 15220-2745

Copies
File

From
David Stern

Date
16 June 2004

ARCADIS Project No
NY001371.0001.0010

Subject
Results of Quality Control Samples Collected During Outpost Well Dedicated Sampling Systems Assembly and Installation, Naval Weapons Industrial Reserve Plant, Bethpage, New York.

ARCADIS G&M, Inc. (ARCADIS) is providing the results of the quality control (QC) sampling performed during assembly and installation of the Outpost Well Dedicated Sampling Systems (OWDSS). The subject QC sampling coincided with OWDSS assembly and installation and was associated with Outpost Wells OW1-1, OW1-2, OW1-3, OW2-1, OW2-2, OW3-1, OW3-2, OW4-1, and OW4-2 that were installed by TTNUS on behalf of the Navy. Generally, the QC samples collected by ARCADIS included the following types:

1. Soak tests of pump and packer.
2. Equipment (rinsate) blank from polyethylene tubing.
3. Sample of soak water source.
4. Equipment (rinsate) blank from assembled OWDSS at well locations.
5. Field blank of ambient conditions at outpost well locations.
6. Trip blanks.

Samples were analyzed by Severn Trent Labs of Connecticut for volatile organic compounds (VOCs) using USEPA Method 524.2. Of specific interest were the site-related VOCs, as specified in the Public Water Supply Contingency Plan (ARCADIS G&M, Inc. 2003). The results of all testing indicated no detectable levels of the site-related VOCs.

ARCADIS validated the analytical results by following USEPA protocols. The results based on the data validation were considered acceptable with the appropriate qualifications provided herein. The qualified raw laboratory forms and chains of custody are attached to this memorandum.

ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

Project Number/Name N4001371.0001.000010

Project Location BETHPAGE NY

Laboratory SEVERN TRENT SHELTON

Project Manager DAVE BRAYACK (TINUS)

Sampler(s)/Affiliation _____

ANALYSIS / METHOD / SIZE

206195

04/07/2004

ARCADIS
DAVID STERN
NWIRP BETHPAGE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	40ml VOA VOC 524.2 (WD)						Remarks	Total
PUMP SOAK	L	3-25-04	01	3							3
PACKER SOAK	↓	↓	02	3							3
WATER IN DRUM	↓	↓	03	3							3
POLY BLANK	↓	↓	04	3							3
~~FB~~ TB 3-25-04	↓		05								
										PASSED RAD SCREEN 1.0 mR	✓

48 HOUR TURNAROUND

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers

Relinquished by: [signature]	Organization: ARCADIS	Date 3/25/04	Time 4:00	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by: K. Blackburn	Organization: STL CT	Date 03/26/04	Time 09:40	Yes No N/A

Special Instructions/Remarks:

Delivery Method: ☐ In Person ☐ Common Carrier _____ (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-12/01

ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1099 of ____

Project Number/Name NY001371. 0001. 00010

Project Location ~~Dat~~ NWIRP BETHPAGE, NY

Laboratory STL - Shelton

Project Manager David Stern

Sampler(s)/Affiliation KT GW

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	40ml vom vial VOC EPA 524.2						Remarks	Total
OW1-1 FB	L	4/23/04	01	2						EB off of de-con'd pump	2
OW1-1 EB	↓	↓	02	2						before installation	2
OW1-2 FB	↓	↓	03	2						FB off ambient air	2
OW1-2 EB	↓	↓	04	2							2
TB 4.23.04	↓	↓	05	3							3

206432

05/08/2004

ARCADIS
DAVID STERN
NWIRP BETHPAGE

5 OC

"PASSED RAD SCREEN"

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 11

Relinquished by: KT	Organization: Arcadis	Date 4/23/04	Time 3:40	Seal Intact?
Received by: Collis Cosh	Organization: STL-Co	Date 04/26/04	Time 05:10	Yes No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by:	Organization:	Date / /	Time	Yes No N/A

Special Instructions/Remarks: please report to D. Stern

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-12/01

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ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name NY001371.0001.00010

Project Location NWIRP Bethpage, NY

Laboratory STL- Shelton

Project Manager David Stern

Sampler(s)/Affiliation KT GW

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	40ml VOA vial VOC EPA 524.2						Remarks	Total
OW2-1 FB	L	4/26/04	01	3						EB = off of de-con'd	3
OW2-1 EB	↓	↓	02	3						pump	3
OW2-2 FB			03	3						CT	3
OW2-2 EB			04	3						FB off ambient air	3
TB. 4.26.04			05	3							3

206439 05/09/2004
ARCADIS
DAVID STERN
NWIRP BETHPAGE

PASSED RAD SCREEN
1.0 uR

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 15

Relinquished by: GHW	Organization: Arcadis	Date 4/26/04	Time 300	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by: R. Buckley	Organization: STL CT	Date 04/27/04	Time 0715	

Special Instructions/Remarks: please report to D. Stern

Delivery Method: ☐ In Person ☒ Common Carrier Fx SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-12/01

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ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name NY001371.0001.00010

Project Location NWIRP Bethpage, NY

Laboratory STL - Shelton

Project Manager David Stern

Sampler(s)/Affiliation KT ME

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	40 ml VOA VIAL VOC EPA 524.2						Remarks	Total
TB 4/27/04	L	4/27/04	06	3						EB off of de-ionized	3
OW3-1 FB	↓	↓	07	3						pump before installation	3
OW3-1 EB	↓	↓	08	3						FB off of ambient	3
OW3-2 FB	↓	↓	09	3						air	3
OW3-2 EB	↓	↓	10	3							3
										PASSED RAD SCREEN	
										1.0 uR	

206439 05/11/2004
ARCADIS
DAVID STERN
NWIRP BETHPAGE

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 15

Relinquished by: KFT	Organization: Arcadis	Date 4/27/04	Time 350	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by: M. Blackburn	Organization: STL CT	Date 04/28/04	Time 0930	Yes No N/A

Special Instructions/Remarks: please report to David Stern

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-12/01

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ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

Project Number/Name N/1001371.0001.00010

Project Location NWIRP, Bethpage, NY

Laboratory STL - Shelton

Project Manager David Stern

Sampler(s)/Affiliation KT ME

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	40ml VOA vial VOC 8260 STL						Remarks	Total
TB 4/28/04	—	4/28/04	11	3							3
EB OW4-1			12	3							3
FB OW4-1			13	3							3
EB OW4-2			14	3							3
FB OW4-2			15	3							3

206439

05/12/2004

ARCADIS
DAVID STERN
NWIRP BETHPAGE

PASSED RAD SCREEN

1.5°C

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 15

Relinquished by: KT	Organization: Arcadis	Date 4/28/04	Time 3:15	Seal Intact?	
Received by: [signature]	Organization: STL CT	Date 4/29/04	Time 9:45	Yes No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: please report to David Stern

Delivery Method: ☐ In Person ☒ Common Carrier Fed Ex SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-12/01

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ARCADIS

Laboratory Task Order No./P.O. No. —

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name NY001371.0001.00009

Project Location Bethpage, NY

Laboratory STL

Project Manager David Stern

Sampler(s)/Affiliation SH/GW

ANALYSIS / METHOD / SIZE

206479

05/12/2004

ARCADIS
DAVID STERN
GRUMMAN OUTPOST

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	1/8 AL VOA VOAS (4 NA) VOC / 8021						Remarks	Total
TB 4/29/04	L	4/29/04	01	3							3
FB OW 1-3	↓	↓	02	3	SH						3
EB OW 1-3	↓	↓	03	3							3
										PASSED RAD SCREEN 3.0 °C	

Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS

PROJECT: MWRP BETHPAGE

ATTN: David Stern

Customer Sample ID: PUMP SOAK
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-1
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Acetone	1	J		0.4	5	1.00000	ug/L	30419		03/26/04 1722	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Methylene chloride	ND	U	B	0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1722	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	30419		03/26/04 1722	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	30419		03/26/04 1722	pam

* In Description = Dry Wgt.

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Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS PROJECT: NWIRP BETHPAGE ATTN: David Stern

Customer Sample ID: PUMP SOAK
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-1
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1722	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1722	pam

* In Description = Dry Wgt.

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Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS PROJECT: NWIRP BETHPAGE ATTN: David Stern

Customer Sample ID: PACKER SOAK
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-2
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1803	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Methylene chloride	ND	U	B	0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1803	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	30419		03/26/04 1803	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	30419		03/26/04 1803	pam

* In Description = Dry Wgt.

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Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: PACKER SOAK
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-2
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	QT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1803	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1803	pam

* In Description = Dry Wgt.

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Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS PROJECT: MWRP BETHPAGE ATTN: David Stern

Customer Sample ID: WATER IN DRUM
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-3
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1844	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Methylene chloride	ND	U	B	0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1844	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	30419		03/26/04 1844	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	30419		03/26/04 1844	pam

* In Description = Dry Wgt.

A-12

Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS PROJECT: NWIRP BETHPAGE ATTN: David Stern

Customer Sample ID: WATER IN DRUM
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-3
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	BT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1844	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1844	pam

* In Description = Dry Wgt.

A-13

Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: POLY BLANK
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-4
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL *	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1642	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Methylene chloride	ND	U	B	0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1642	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	30419		03/26/04 1642	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	30419		03/26/04 1642	pam

* In Description = Dry Wgt.

A-14

Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS PROJECT: NWIRP BETHPAGE ATTN: David Stern

Customer Sample ID: POLY BLANK
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-4
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1642	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1642	pam

* In Description = Dry Wgt.

A-15

Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS PROJECT: NWIRP BETHPAGE ATTN: David Stern

Customer Sample ID: TB032504
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-5
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1601	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Methylene chloride	ND	U	B	0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	30419		03/26/04 1601	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	30419		03/26/04 1601	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	30419		03/26/04 1601	pam

* In Description = Dry Wgt.

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Job Number: 206195

LABORATORY TEST RESULTS

Date:03/27/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB032504
Date Sampled.....: 03/25/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206195-5
Date Received.....: 03/26/2004
Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	30419		03/26/04 1601	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	30419		03/26/04 1601	pam

* In Description = Dry Wgt.

A-17

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-1 FB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-1
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31862		05/02/04 2236	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31862		05/02/04 2236	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31862		05/02/04 2236	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31862		05/02/04 2236	pam

* In Description = Dry Wgt.

A-18

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-1 FB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-1
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2236	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2236	pam

* In Description = Dry Wgt.

A-19

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-1 EB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-2
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Acetone	3	J		0.4	5	1.00000	ug/L	31862		05/02/04 2312	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31862		05/02/04 2312	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31862		05/02/04 2312	pam
	Toluene	0.4	J		0.09	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31862		05/02/04 2312	pam

* In Description = Dry Wgt.

4-20

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-1 EB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-2
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2312	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2312	pam

* In Description = Dry Wgt.

A-21

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-2 FB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-3
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31862		05/02/04 2349	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31862		05/02/04 2349	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31862		05/02/04 2349	pam
	Toluene	0.2	J		0.09	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31862		05/02/04 2349	pam

* In Description = Dry Wgt.

A-22

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-2 FB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-3
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/02/04 2349	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/02/04 2349	pam

* In Description = Dry Wgt.

A-23

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-2 EB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-4
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Acetone	3	J		0.4	5	1.00000	ug/L	31862		05/03/04 0025	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Methylene chloride	0.7		B	0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31862		05/03/04 0025	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31862		05/03/04 0025	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31862		05/03/04 0025	pam

* In Description = Dry Wgt.

A-29

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OWI-2 EB
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-4
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0025	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0025	pam

* In Description = Dry Wgt.

A-25

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042304
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-5
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	31862		05/03/04 0100	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Methylene chloride	0.2	J	B	0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31862		05/03/04 0100	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31862		05/03/04 0100	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31862		05/03/04 0100	pam

* In Description = Dry Wgt.

A-26

Job Number: 206432

LABORATORY TEST RESULTS

Date:05/03/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042304
Date Sampled.....: 04/23/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206432-5
Date Received.....: 04/26/2004
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31862		05/03/04 0100	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31862		05/03/04 0100	pam

* In Description = Dry Wgt.

A-27

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-1FB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-1
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Acetone	2	J	M	0.4	5	1.00000	ug/L	31863		05/03/04 0136	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0136	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31863		05/03/04 0136	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31863		05/03/04 0136	pam

* In Description = Dry Wgt.

A-28

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-1FB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-1
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0136	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0136	pam

* In Description = Dry Wgt.

A-29

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-1EB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-2
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31863		05/03/04 0211	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0211	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31863		05/03/04 0211	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31863		05/03/04 0211	pam

* In Description = Dry Wgt.

A-30

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-1EB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-2
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0211	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0211	pam

* In Description = Dry Wgt.

A-31

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-2FB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-3
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Acetone	3	J		0.4	5	1.00000	ug/L	31863		05/03/04 0247	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0247	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31863		05/03/04 0247	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31863		05/03/04 0247	pam

* In Description = Dry Wgt.

A-32

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-2FB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-3
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0247	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0247	pam

* In Description = Dry Wgt.

A-33

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-2EB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-4
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Acetone	3	J		0.4	5	1.00000	ug/L	31863		05/03/04 0323	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0323	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31863		05/03/04 0323	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31863		05/03/04 0323	pam

* In Description = Dry Wgt.

A-34

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW2-2EB
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-4
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0323	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0323	pam

* In Description = Dry Wgt.

A-35

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042604
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-5
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0358	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Methylene chloride	0.2	J	B	0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0358	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31863		05/03/04 0358	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31863		05/03/04 0358	pam

* In Description = Dry Wgt.

A-26

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042604
Date Sampled.....: 04/26/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-5
Date Received.....: 04/27/2004
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0358	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0358	pam

* In Description = Dry Wgt.

A-37

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042704
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-6
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0434	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Methylene chloride	0.2	J	B	0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31863		05/03/04 0434	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31863		05/03/04 0434	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31863		05/03/04 0434	pam

* In Description = Dry Wgt.

A-38

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042704
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-6
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31863		05/03/04 0434	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31863		05/03/04 0434	pam

* In Description = Dry Wgt.

A-39

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-1FB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-7
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31937		05/03/04 1208	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1208	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1208	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1208	pam

* In Description = Dry Wgt.

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-1FB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-7
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1208	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1208	pam

* In Description = Dry Wgt.

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Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-1EB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-8
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31937		05/03/04 1243	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1243	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1243	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1243	pam

* In Description = Dry Wgt.

A-42

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-1EB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-8
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1243	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1243	pam

* In Description = Dry Wgt.

A-43

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-2FB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-9
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1319	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1319	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1319	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1319	pam

* In Description = Dry Wgt.

A-44

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-2FB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-9
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1319	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1319	pam

* In Description = Dry Wgt.

4-45

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-2EB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-10
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1354	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1354	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1354	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1354	pam

* In Description = Dry Wgt.

A-96

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: OW3-2EB
Date Sampled.....: 04/27/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-10
Date Received.....: 04/28/2004
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1354	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1354	pam

* In Description = Dry Wgt.

A-47

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042804
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-11
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1430	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1430	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1430	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1430	pam

* In Description = Dry Wgt.

A-28

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: TB042804
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-11
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1430	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1430	pam

* In Description = Dry Wgt.

A-49

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: EBOW4-1
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-12
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31937		05/03/04 1506	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1506	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1506	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1506	pam

* In Description = Dry Wgt.

A-50

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: EBOW4-1
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-12
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1506	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1506	pam

* In Description = Dry Wgt.

A-51

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: FBOW4-1
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-13
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31937		05/03/04 1544	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Methylene chloride	0.7		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1544	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1544	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1544	pam

* In Description = Dry Wgt.

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Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: FBOW4-1
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-13
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1544	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1544	pam

* In Description = Dry Wgt.

A-53

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: EBOW4-2
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-14
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Acetone	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1619	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Methylene chloride	0.9		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1619	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1619	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1619	pam

* In Description = Dry Wgt.

A-54

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: EBOW4-2
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-14
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1619	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1619	pam

* In Description = Dry Wgt.

A-55

Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: FBOW4-2
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-15
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
524.2	Volatile Organics											
	Chloromethane	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Vinyl chloride	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Bromomethane	ND	U		0.4	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Chloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,1-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Acetone	2	J		0.4	5	1.00000	ug/L	31937		05/03/04 1655	pam
	Carbon disulfide	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Methylene chloride	1		B	0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	trans-1,2-Dichloroethene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,2-Dichloroethene (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,1-Dichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	cis-1,2-Dichloroethene	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	2-Butanone (MEK)	ND	U		0.4	5	1.00000	ug/L	31937		05/03/04 1655	pam
	Chloroform	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,1,1-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Carbon tetrachloride	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Benzene	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,2-Dichloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Trichloroethene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,2-Dichloropropane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Bromodichloromethane	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	cis-1,3-Dichloropropene	ND	U		0.04	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	5	1.00000	ug/L	31937		05/03/04 1655	pam
	Toluene	ND	U		0.09	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	trans-1,3-Dichloropropene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,1,2-Trichloroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Tetrachloroethene	ND	U		0.08	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	2-Hexanone	ND	U		0.2	5	1.00000	ug/L	31937		05/03/04 1655	pam

* In Description = Dry Wgt.

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Job Number: 206439

LABORATORY TEST RESULTS

Date:05/10/2004

CUSTOMER: ARCADIS

PROJECT: NWIRP BETHPAGE

ATTN: David Stern

Customer Sample ID: FBOW4-2
Date Sampled.....: 04/28/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 206439-15
Date Received.....: 04/29/2004
Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Chlorobenzene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Ethylbenzene	ND	U		0.05	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Xylenes (total)	ND	U		0.2	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Styrene	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Bromoform	ND	U		0.06	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.1	0.5	1.00000	ug/L	31937		05/03/04 1655	pam
	Trichlorotrifluoroethane	ND	U		0.07	0.5	1.00000	ug/L	31937		05/03/04 1655	pam

* In Description = Dry Wgt.

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB042904

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 235884

Matrix: (soil/water) WATER Lab Sample ID: 235884-001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A8457.D

Level: (low/med) LOW Date Received: 5/4/2004

% Moisture: not dec. _____ Date Analyzed: 5/4/2004

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
1634-04-4	MTBE		U	1.0
71-43-2	Benzene		U	0.5
108-88-3	Toluene		U	0.5
108-90-7	Chlorobenzene		U	0.5
100-41-4	Ethylbenzene		U	0.5
108-38-3/106-42-	m,p-Xylene		U	0.5
95-47-6	o-Xylene		U	0.5
100-42-5	Styrene		U	0.5
98-82-8	Isopropylbenzene		U	0.5
103-65-1	n-Propylbenzene		U	0.5
108-67-8	1,3,5-Trimethylbenzene		U	0.5
98-06-6	tert-Butylbenzene		U	0.5
95-63-6	1,2,4-Trimethylbenzene		U	0.5
135-98-8	sec-Butylbenzene		U	0.5
99-87-6	p-Isopropyltoluene		U	0.5
104-51-8	n-Butylbenzene		U	0.5
91-20-3	Naphthalene		U	0.5
75-71-8	Dichlorodifluoromethane		U	0.5
74-87-3	Chloromethane		U	0.5
75-01-4	Vinyl Chloride		U	0.5
74-83-9	Bromomethane		U	0.5
75-00-3	Chloroethane		U	0.5
75-69-4	Trichlorofluoromethane		U	0.5
75-35-4	1,1-Dichloroethene		U	0.5
75-09-2	Methylene Chloride		U	0.5
156-60-5	trans-1,2-Dichloroethylene		U	0.5
75-34-4	1,1-Dichloroethane		U	0.5
540-59-0	cis-1,2-Dichloroethene		U	0.5
590-20-7	2,2-Dichloropropane		U	0.5
67-66-3	Chloroform		U	0.5
74-97-5	Bromochloromethane		U	0.5
71-55-6	1,1,1-Trichloroethane		U	0.5
563-58-6	1,1-Dichloropropene		U	0.5
56-23-5	Carbon Tetrachloride		U	0.5
107-06-2	1,2-Dichloroethane		U	0.5
79-01-6	Trichloroethene		U	0.5
78-87-5	1,2-Dichloropropane		U	0.5
75-27-4	Bromodichloromethane		U	0.5
74-95-3	Dibromomethane		U	0.5

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB042904

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.: 235884

Matrix: (soil/water) WATER Lab Sample ID: 235884-001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A8457.D

Level: (low/med) LOW Date Received: 5/4/2004

% Moisture: not dec. Date Analyzed: 5/4/2004

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
10061-01-5	cis-1,3-Dichloropropene		U	0.5
10061-02-6	trans-1,3-Dichloropropene		U	0.5
79-00-5	1,1,2-Trichloroethane		U	0.5
142-28-9	1,3-Dichloropropane		U	0.5
127-18-4	Tetrachloroethene		U	0.5
124-48-1	Dibromochloromethane		U	0.5
106-93-4	1,2-Dibromoethane		U	0.5
630-20-6	1,1,1,2-Tetrachloroethane		U	0.5
75-25-2	Bromoform		U	0.5
79-34-5	1,1,2,2,-Tetrachloroethane		U	0.5
96-18-4	1,2,3-Trichloropropane		U	0.5
108-86-1	Bromobenzene		U	0.5
95-49-8	2-Chlorotoluene		U	0.5
106-43-4	4-Chlorotoluene		U	0.5
541-73-1	1,3-Dichlorobenzene		U	0.5
106-46-7	1,4-Dichlorobenzene		U	0.5
95-50-1	1,2-Dichlorobenzene		U	0.5
96-12-8	1,2-Dibromo-3-Chloropropane		U	0.5
120-82-1	1,2,4-Trichlorobenzene		U	0.5
87-68-3	Hexachlorobutadiene		U	0.5
87-61-6	1,2,3-Trichlorobenzene		U	0.5
76-13-1	Freon 113		U	0.5

000020

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0990
Fax (845) 562-0841

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB OW 1-3

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 235884

Matrix: (soil/water) WATER Lab Sample ID: 235884-002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A8459.D

Level: (low/med) LOW Date Received: 5/4/2004

% Moisture: not dec. _____ Date Analyzed: 5/4/2004

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
1634-04-4	MTBE		U	1.0
71-43-2	Benzene		U	0.5
108-88-3	Toluene		U	0.5
108-90-7	Chlorobenzene		U	0.5
100-41-4	Ethylbenzene		U	0.5
108-38-3/106-42-	m,p-Xylene		U	0.5
95-47-6	o-Xylene		U	0.5
100-42-5	Styrene		U	0.5
98-82-8	Isopropylbenzene		U	0.5
103-65-1	n-Propylbenzene		U	0.5
108-67-8	1,3,5-Trimethylbenzene		U	0.5
98-06-6	tert-Butylbenzene		U	0.5
95-63-6	1,2,4-Trimethylbenzene		U	0.5
135-98-8	sec-Butylbenzene		U	0.5
99-87-6	p-Isopropyltoluene		U	0.5
104-51-8	n-Butylbenzene		U	0.5
91-20-3	Naphthalene		U	0.5
75-71-8	Dichlorodifluoromethane		U	0.5
74-87-3	Chloromethane		U	0.5
75-01-4	Vinyl Chloride		U	0.5
74-83-9	Bromomethane		U	0.5
75-00-3	Chloroethane		U	0.5
75-69-4	Trichlorofluoromethane		U	0.5
75-35-4	1,1-Dichloroethene		U	0.5
75-09-2	Methylene Chloride	1.7		0.5
156-60-5	trans-1,2-Dichloroethylene		U	0.5
75-34-4	1,1-Dichloroethane		U	0.5
540-59-0	cis-1,2-Dichloroethene		U	0.5
590-20-7	2,2-Dichloropropane		U	0.5
67-66-3	Chloroform		U	0.5
74-97-5	Bromochloromethane		U	0.5
71-55-6	1,1,1-Trichloroethane		U	0.5
563-58-6	1,1-Dichloropropene		U	0.5
56-23-5	Carbon Tetrachloride		U	0.5
107-06-2	1,2-Dichloroethane		U	0.5
79-01-6	Trichloroethene		U	0.5
78-87-5	1,2-Dichloropropane		U	0.5
75-27-4	Bromodichloromethane		U	0.5
74-95-3	Dibromomethane		U	0.5

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

A-60

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB OW 1-3

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.: 235884

Matrix: (soil/water) WATER Lab Sample ID: 235884-002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A8459.D

Level: (low/med) LOW Date Received: 5/4/2004

% Moisture: not dec. Date Analyzed: 5/4/2004

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
10061-01-5	cis-1,3-Dichloropropene		U	0.5
10061-02-6	trans-1,3-Dichloropropene		U	0.5
79-00-5	1,1,2-Trichloroethane		U	0.5
142-28-9	1,3-Dichloropropane		U	0.5
127-18-4	Tetrachloroethene		U	0.5
124-48-1	Dibromochloromethane		U	0.5
106-93-4	1,2-Dibromoethane		U	0.5
630-20-6	1,1,1,2-Tetrachloroethane		U	0.5
75-25-2	Bromoform		U	0.5
79-34-5	1,1,2,2,-Tetrachloroethane		U	0.5
96-18-4	1,2,3-Trichloropropane		U	0.5
108-86-1	Bromobenzene		U	0.5
95-49-8	2-Chlorotoluene		U	0.5
106-43-4	4-Chlorotoluene		U	0.5
541-73-1	1,3-Dichlorobenzene		U	0.5
106-46-7	1,4-Dichlorobenzene		U	0.5
95-50-1	1,2-Dichlorobenzene		U	0.5
96-12-8	1,2-Dibromo-3-Chloropropane		U	0.5
120-82-1	1,2,4-Trichlorobenzene		U	0.5
87-68-3	Hexachlorobutadiene		U	0.5
87-61-6	1,2,3-Trichlorobenzene		U	0.5
76-13-1	Freon 113		U	0.5

000026

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

A-61

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB OW 1-3

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.: 235884

Matrix: (soil/water) WATER Lab Sample ID: 235884-003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A8503.D

Level: (low/med) LOW Date Received: 5/4/2004

% Moisture: not dec. Date Analyzed: 5/5/2004

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
1634-04-4	MTBE		U	1.0
71-43-2	Benzene		U	0.5
108-88-3	Toluene		U	0.5
108-90-7	Chlorobenzene		U	0.5
100-41-4	Ethylbenzene		U	0.5
108-38-3/106-42-	m,p-Xylene		U	0.5
95-47-6	o-Xylene		U	0.5
100-42-5	Styrene		U	0.5
98-82-8	Isopropylbenzene		U	0.5
103-65-1	n-Propylbenzene		U	0.5
108-67-8	1,3,5-Trimethylbenzene		U	0.5
98-06-6	tert-Butylbenzene		U	0.5
95-63-6	1,2,4-Trimethylbenzene		U	0.5
135-98-8	sec-Butylbenzene		U	0.5
99-87-6	p-Isopropyltoluene		U	0.5
104-51-8	n-Butylbenzene		U	0.5
91-20-3	Naphthalene		U	0.5
75-71-8	Dichlorodifluoromethane		U	0.5
74-87-3	Chloromethane		U	0.5
75-01-4	Vinyl Chloride		U	0.5
74-83-9	Bromomethane		U	0.5
75-00-3	Chloroethane		U	0.5
75-69-4	Trichlorofluoromethane		U	0.5
75-35-4	1,1-Dichloroethene		U	0.5
75-09-2	Methylene Chloride	1.8		0.5
156-60-5	trans-1,2-Dichloroethylene		U	0.5
75-34-4	1,1-Dichloroethane		U	0.5
540-59-0	cis-1,2-Dichloroethene		U	0.5
590-20-7	2,2-Dichloropropane		U	0.5
67-66-3	Chloroform		U	0.5
74-97-5	Bromochloromethane		U	0.5
71-55-6	1,1,1-Trichloroethane		U	0.5
563-58-6	1,1-Dichloropropene		U	0.5
56-23-5	Carbon Tetrachloride		U	0.5
107-06-2	1,2-Dichloroethane		U	0.5
79-01-6	Trichloroethene		U	0.5
78-87-5	1,2-Dichloropropane		U	0.5
75-27-4	Bromodichloromethane		U	0.5
74-95-3	Dibromomethane		U	0.5

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EB OW 1-3

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.: 235884

Matrix: (soil/water) WATER Lab Sample ID: 235884-003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A8503.D

Level: (low/med) LOW Date Received: 5/4/2004

% Moisture: not dec. Date Analyzed: 5/5/2004

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Units: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RESULT	Q	RL
10061-01-5	cis-1,3-Dichloropropene		U	0.5
10061-02-6	trans-1,3-Dichloropropene		U	0.5
79-00-5	1,1,2-Trichloroethane		U	0.5
142-28-9	1,3-Dichloropropane		U	0.5
127-18-4	Tetrachloroethene		U	0.5
124-48-1	Dibromochloromethane		U	0.5
106-93-4	1,2-Dibromoethane		U	0.5
630-20-6	1,1,1,2-Tetrachloroethane		U	0.5
75-25-2	Bromoform		U	0.5
79-34-5	1,1,2,2,-Tetrachloroethane		U	0.5
96-18-4	1,2,3-Trichloropropane		U	0.5
108-86-1	Bromobenzene		U	0.5
95-49-8	2-Chlorotoluene		U	0.5
106-43-4	4-Chlorotoluene		U	0.5
541-73-1	1,3-Dichlorobenzene		U	0.5
106-46-7	1,4-Dichlorobenzene		U	0.5
95-50-1	1,2-Dichlorobenzene		U	0.5
96-12-8	1,2-Dibromo-3-Chloropropane		U	0.5
120-82-1	1,2,4-Trichlorobenzene		U	0.5
87-68-3	Hexachlorobutadiene		U	0.5
87-61-6	1,2,3-Trichlorobenzene		U	0.5
76-13-1	Freon 113		U	0.5

000032

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

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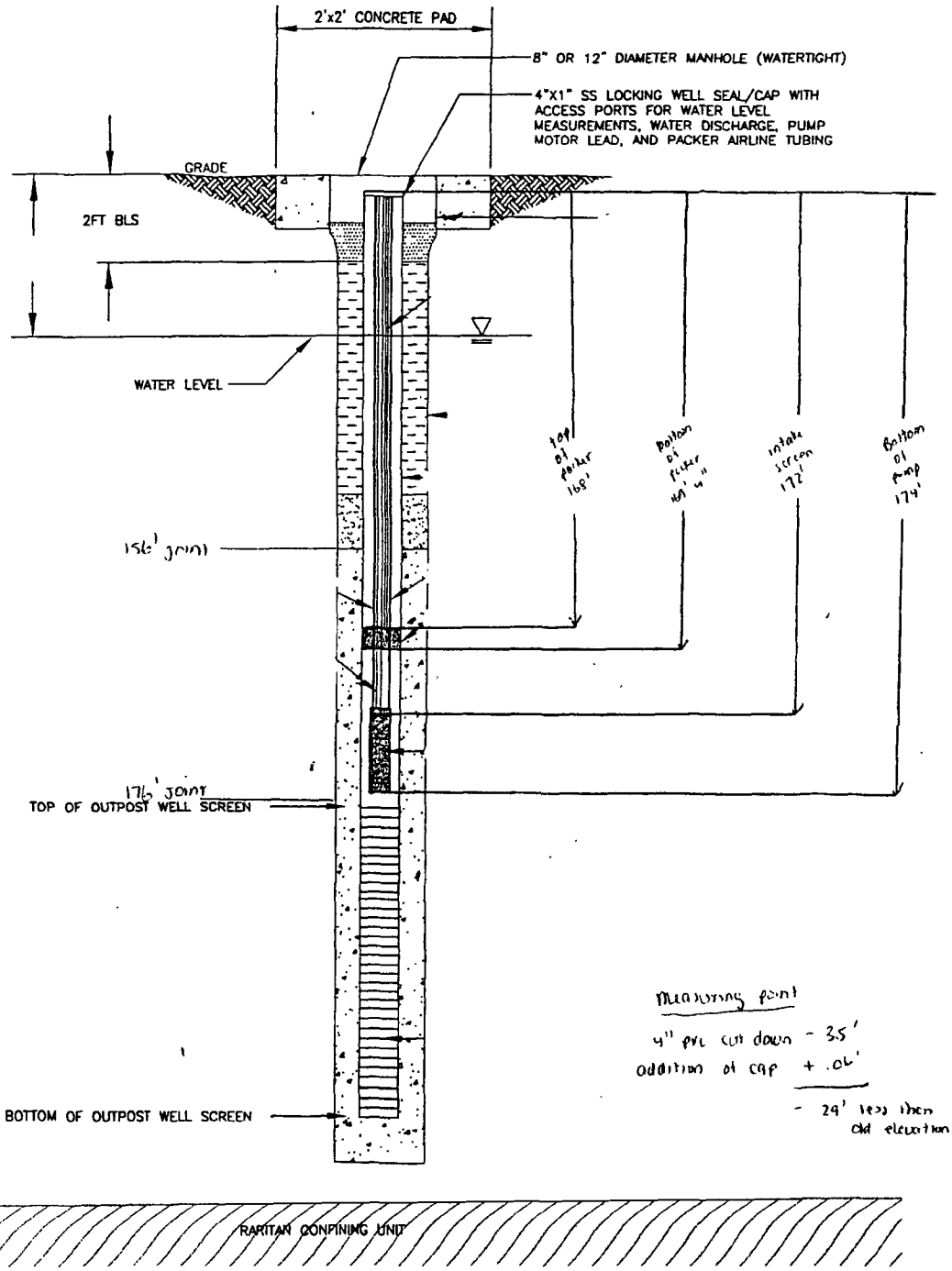
APPENDIX B

PUMP/PACKER INSTALLATION

OW1-1



NOTES.

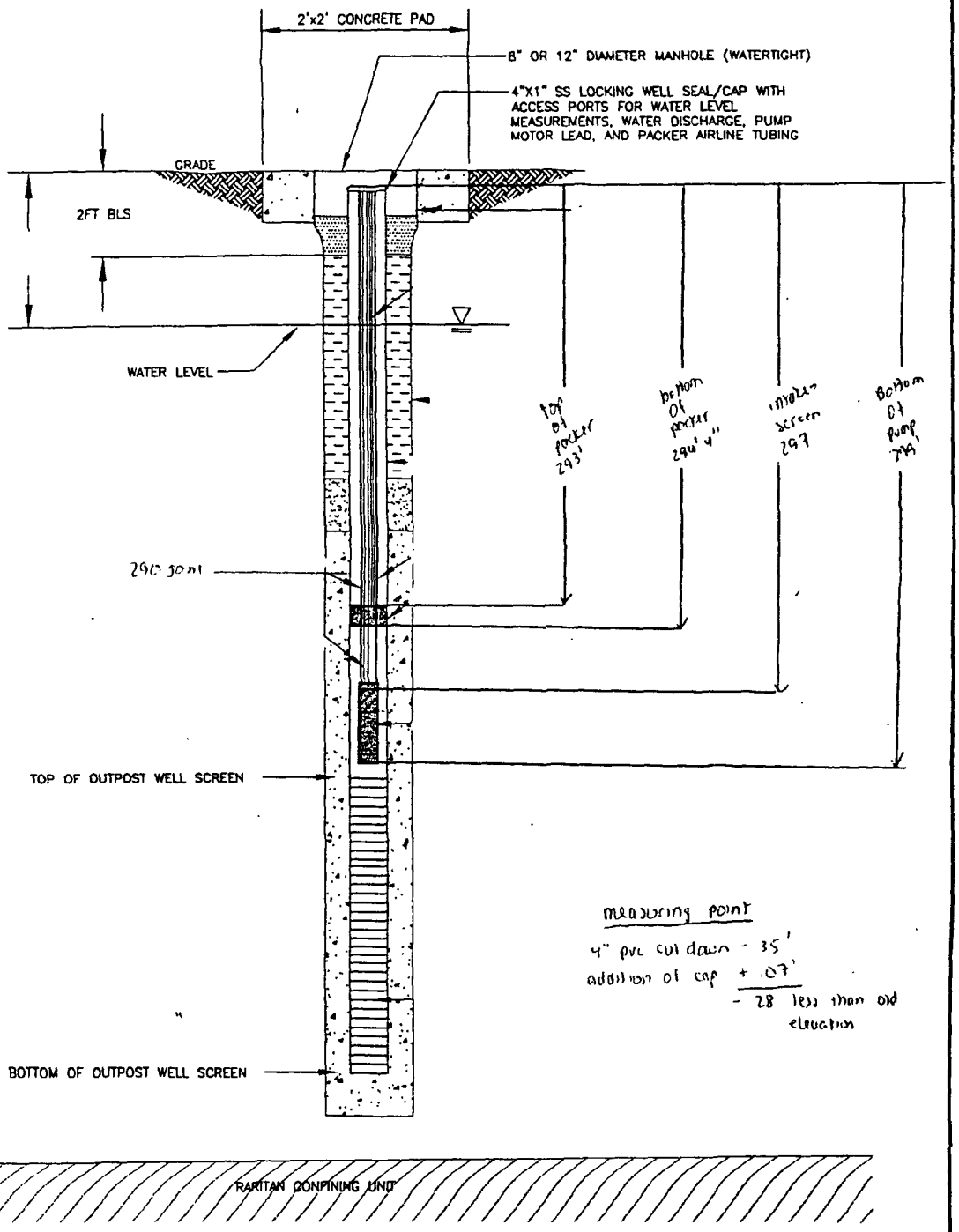
1. DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).
2. DRAWING NOT TO SCALE.
3. DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY. THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 300 FT BLS. WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.
4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.
5. DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS	DRAWN LMC / DATE 9/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER M. WOLFERT
B-1	TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM	LEAD DESIGN PROF	CHECKED D. STERN
	NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK	PROJECT NUMBER	DRAWING NUMBER 2

OW1-2



NOTES:

1 DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TINUS (SEE TABLE 1).

2 DRAWING NOT TO SCALE.

3. DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY, THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 300 FT BLS, WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.

4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.

5 DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

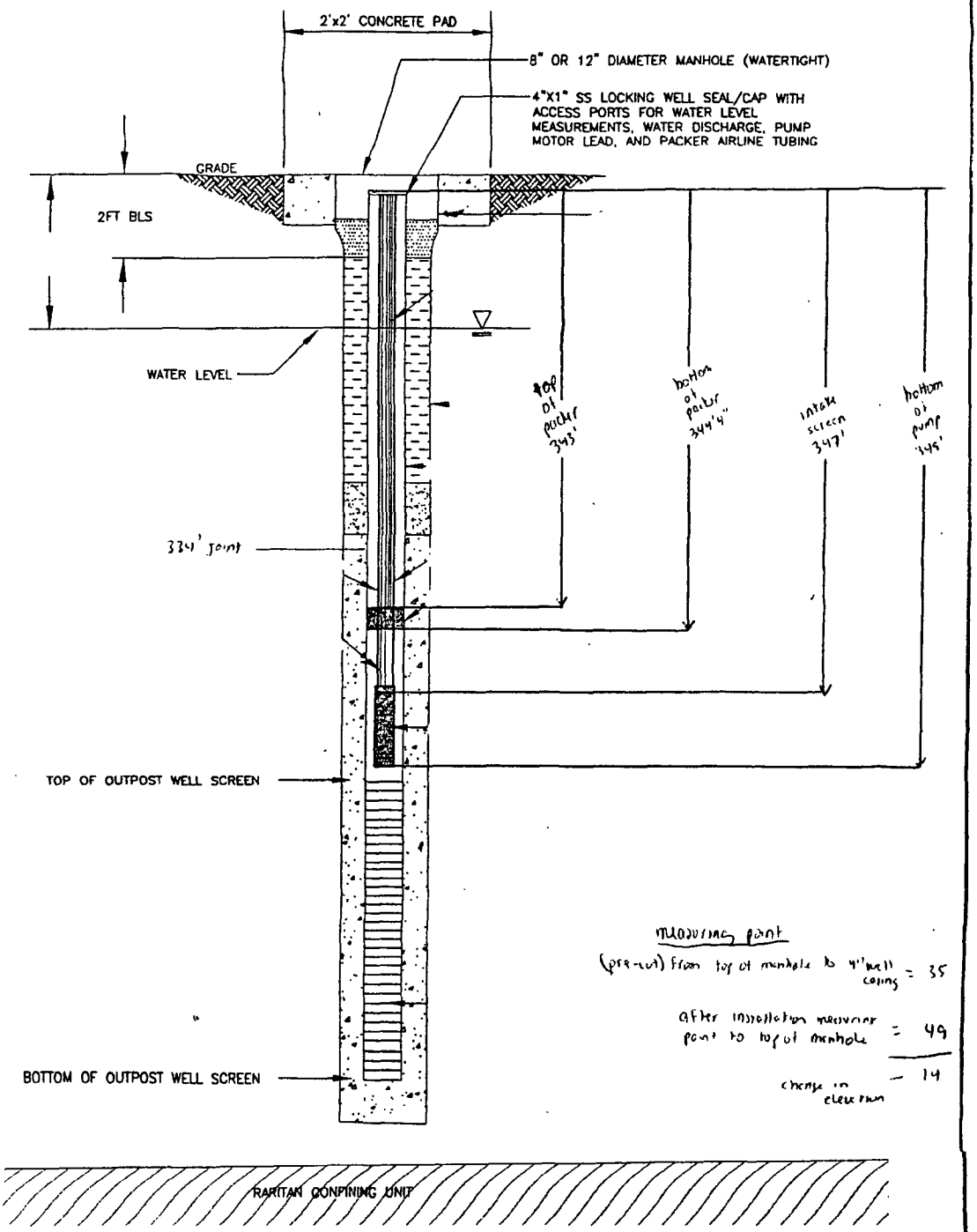
PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS

B-2

DRAWN LMC	DATE 8/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER M. WOLFERT
TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM		LEAD DESIGN PROF	CHECKED D. STERN
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK		PROJECT NUMBER	DRAWING NUMBER 2

OW1-3



NOTES:

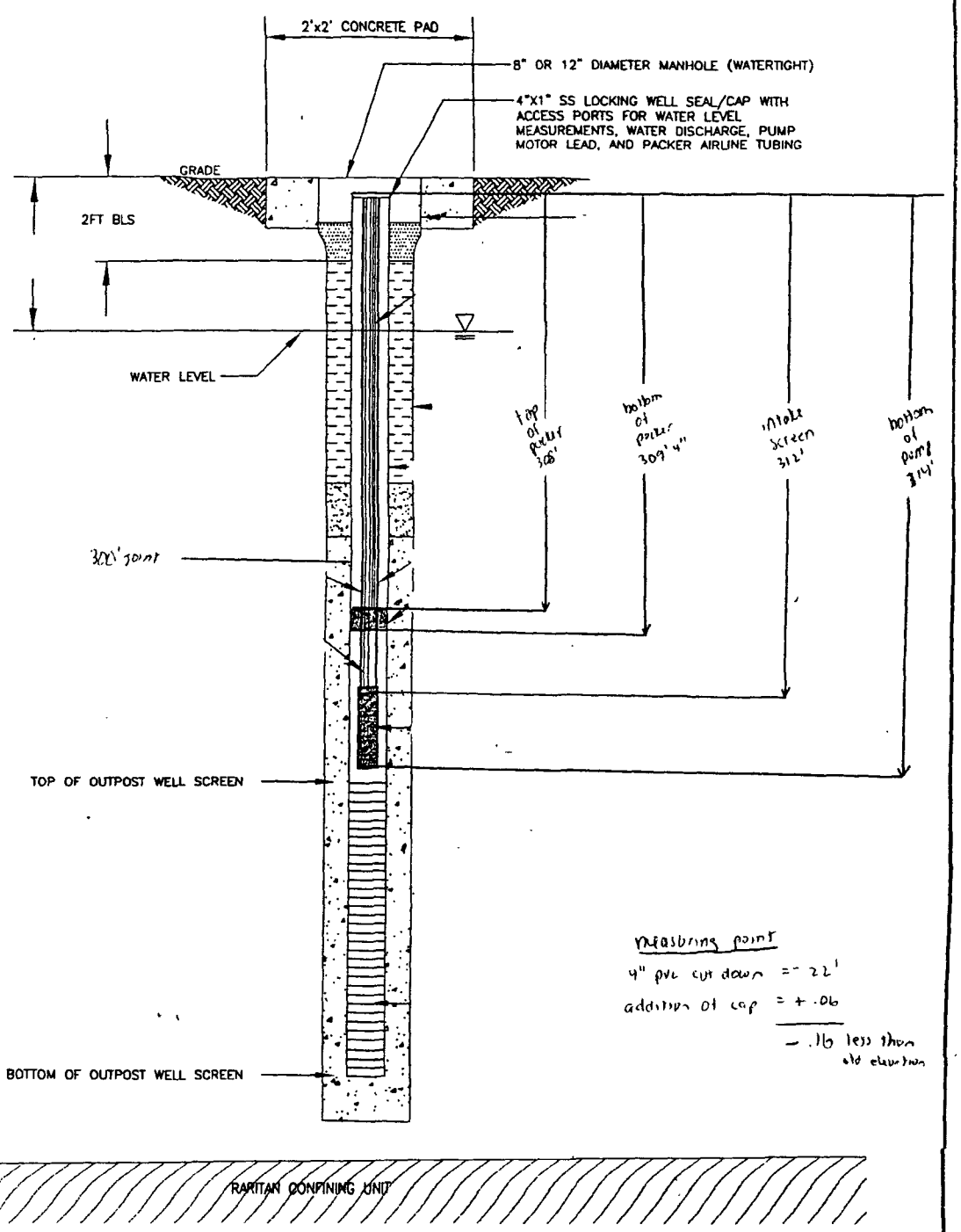
1. DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).
2. DRAWING NOT TO SCALE.
3. DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY, THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 500 FT BLS. WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.
4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.
5. DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS	B-3	DRAWN LMC / DATE 9/12/03	PROJECT MANAGER D. STERN / DEPARTMENT MANAGER M. WOLFERT
		TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM	LEAD DESIGN PROF. / CHECKED D. STERN
		NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK	PROJECT NUMBER / DRAWING NUMBER 2

OW2-1



measuring point
4" pvc cut down = -22'
addition of cap = +.06
-.16 less than old elevation

NOTES:

1 DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).

2 DRAWING NOT TO SCALE.

3 DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY, THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 500 FT BLS, WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.

4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.

5 DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

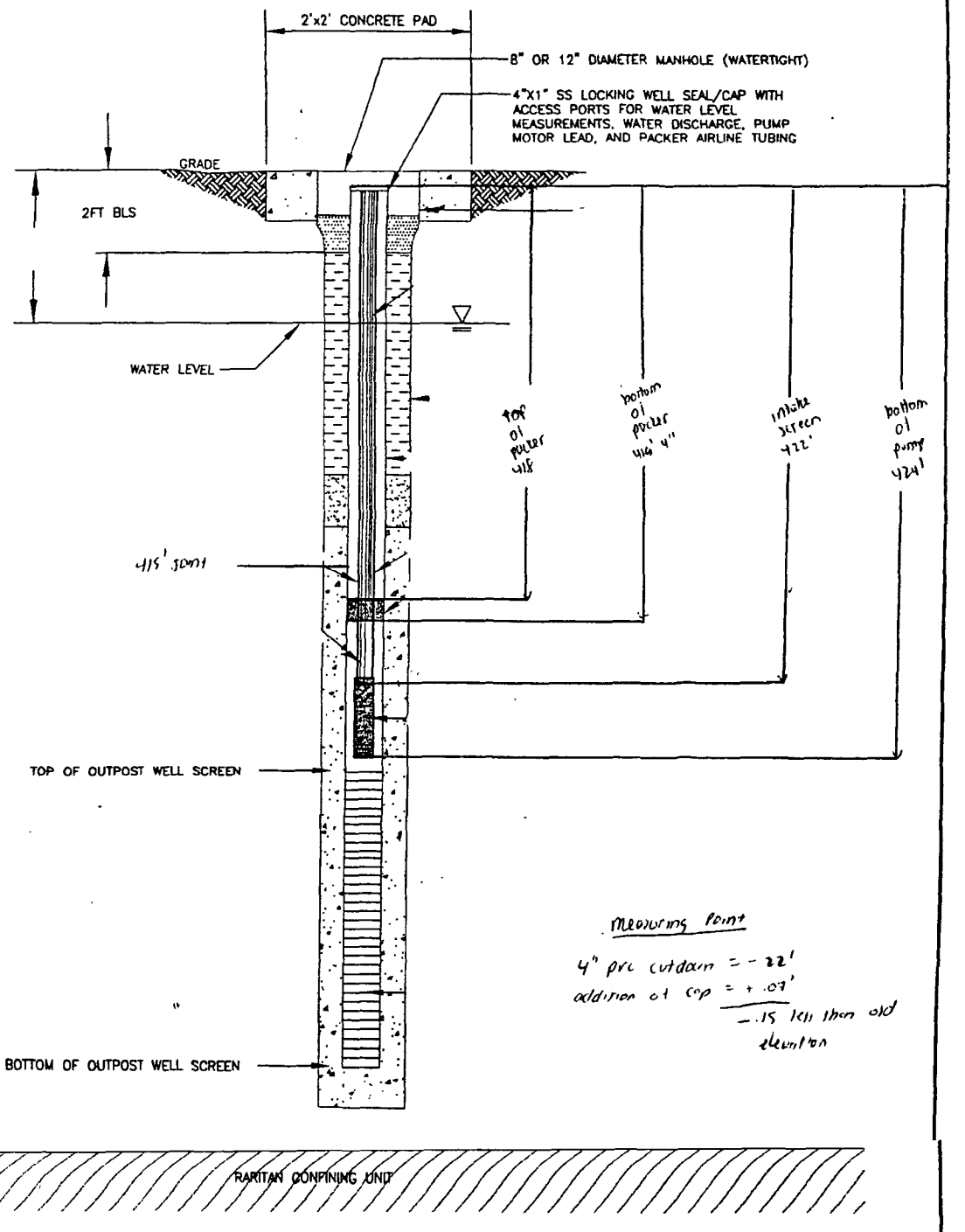
PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS

B-4

DRAWN LMC	DATE 9/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER M. WOLFERT
TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK		LEAD DESIGN PROF	CHECKED D. STERN
		PROJECT NUMBER	DRAWING NUMBER 2

OW 2-2



NOTES:

1. DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).
2. DRAWING NOT TO SCALE.
3. DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY, THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 500 FT BLS, WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.
4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.
5. DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

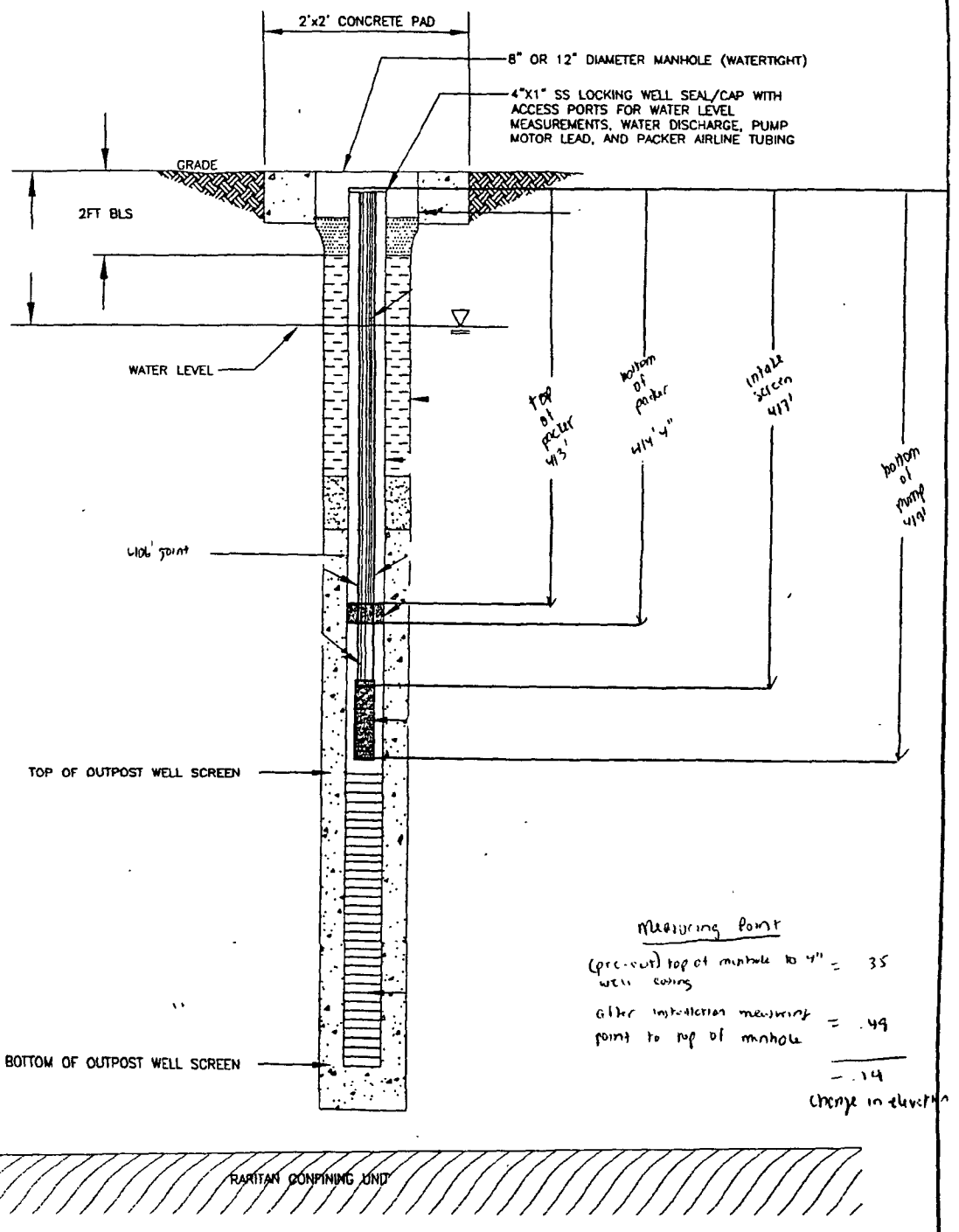
PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS

B-5

DRAWN LMC	DATE 8/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER M. WOLFERT
TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM		LEAD DESIGN PROF	CHECKED D. STERN
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK		PROJECT NUMBER	DRAWING NUMBER 2

OW3-1



NOTES:

1. DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).
2. DRAWING NOT TO SCALE.
3. DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY, THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 500 FT BLS, WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.
4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.
5. DISCHARGE LINE, EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

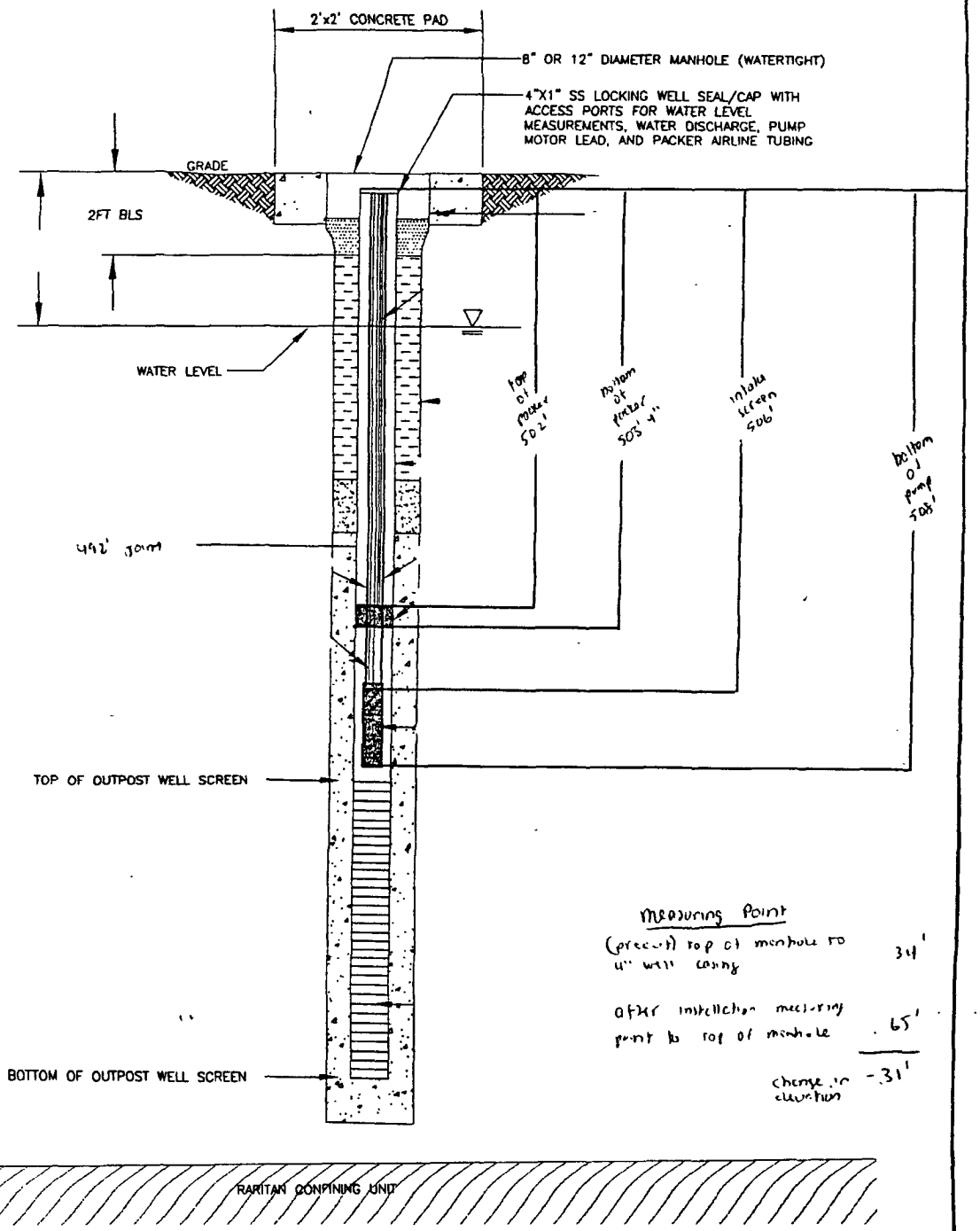
PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS

B-6

DRAWN LMC	DATE 8/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER W. WOLFORT
TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK		LEAD DESIGN PROF	CHECKED D. STERN
		PROJECT NUMBER	DRAWING NUMBER 2

OW3-2



Measuring Point

(present) top of manhole to 4" well casing 34'

after installation measuring point to top of manhole .65'

change in elevation -.31'

NOTES:

1. DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).
2. DRAWING NOT TO SCALE.
3. *DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY,* THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 500 FT BLS, WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.
4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.
5. DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

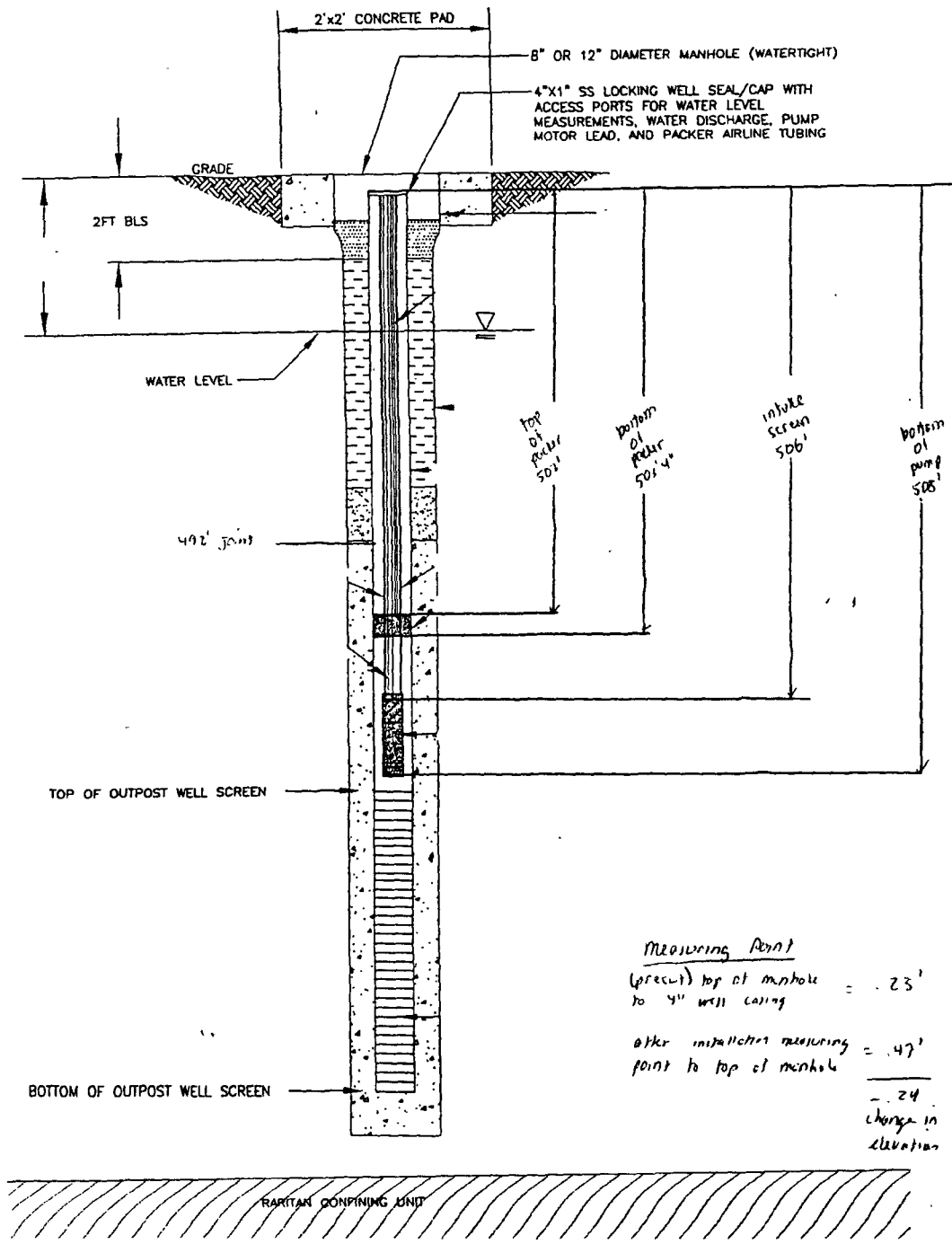
PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS

B-1

DRAWN LMC	DATE 9/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER M. WOLPERT
TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM		LEAD DESIGN PROF	CHECKED D. STERN
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK		PROJECT NUMBER	DRAWING NUMBER 2

OW 4-1



Measuring Point
(precut) top of manhole to 4" well casing = .23'
other installation measuring point to top of manhole = .47'
.24 change in elevation

NOTES:

1. DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).
2. DRAWING NOT TO SCALE.
3. DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY, THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 500 FT BLS, WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.
4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.
5. DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

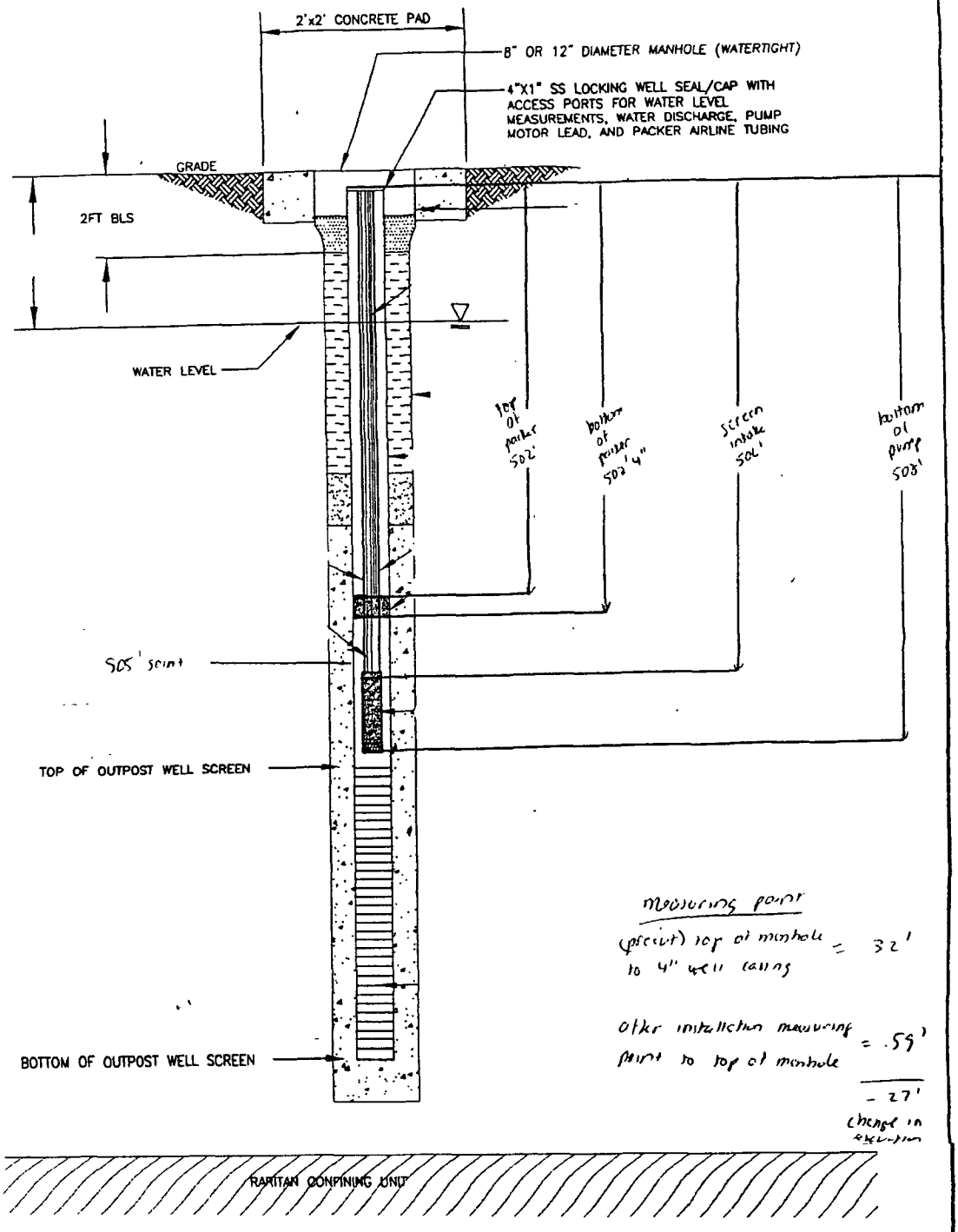
PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS

B-8

DRAWN LMC	DATE 9/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER M. WOLFERT
TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM		LEAD DESIGN PROF.	CHECKED D. STERN
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK		PROJECT NUMBER	DRAWING NUMBER 2

OW4-2



NOTES:

1. DETAILS OF FINAL WELL CONSTRUCTION AND MATERIALS TO BE PROVIDED BY TTNUS (SEE TABLE 1).
2. DRAWING NOT TO SCALE.
3. DUE TO REDIFLO3 SUBMERSIBLE PUMP LIFT CAPACITY, THE SPECIFIED PUMPS FOR OUTPOST WELLS OW3-2, OW4-1 AND OW4-2 WILL BE SET AT 500 FT BLS, WITH VERTICAL DISTANCES ABOVE WELL SCREEN RANGING FROM 104 TO 224 FT. PUMP SETTINGS FOR ALL OTHER WELLS WILL BE NO LESS THAN 10FT. ABOVE TOP OF THE WELL SCREEN. PACKER SETTINGS FOR ALL OUTPOST WELLS WILL BE APPROXIMATELY 10 FT ABOVE THE TOP OF THE PUMP.
4. PACKER SHOULD NOT BE INSTALLED BRIDGING JOINTS IN THE WELL CASING.
5. DISCHARGE LINE EXTENSION AND FITTINGS WILL BE INSTALLED IN THE WATER-LEVEL PORTS.

EXPLANATION

PVC	POLYVINYL CHLORIDE
FT BLS	FEET BELOW LAND SURFACE
SS	STAINLESS STEEL
V	VOLT

ARCADIS

B-9

DRAWN LWC	DATE 9/12/03	PROJECT MANAGER D. STERN	DEPARTMENT MANAGER M. WOLFORT
TYPICAL OUTPOST WELL DEDICATED SAMPLING SYSTEM NAVAL WEAPONS INDUSTRIAL RESERVE PLANT SITE BETHPAGE, NEW YORK		LEAD DESIGN PROF	CHECKED D. STERN
		PROJECT NUMBER	DRAWING NUMBER 2

APPENDIX C

PUMP/PACKER MATERIALS

P R I C E Q U O T A T I O N

DUFF COMPANY
201 EAST LAFAYETTE STREET
PO BOX 618
NORRISTOWN PA 19401

Page : 1 Printed At : 11:35:42 10 FEB 2004

Quote Date	Quote No.	Quote Expiration Date	Writer	Slsm	WH
02/04/04	231860	03/05/04	BK	16	

Quoted To:TETTEC-0000

TETRA TECH INC./KING OF
PRUSSIA (S)
661 ANDERSEN DRIVE
FOSTER PLAZA 7
PITTSBURGH, PA 15220

Ship To:TETTEC-0000

TETRA TECH INC.
600 CLARK AVENUE
SUITE 3
KING OF PRUSSIA, PA 19406

Quotation Note:

Ln		Order Quant		EDP Code / Description	Net Price	UM	Ext Price
1				WELL# OW1-1			
2		1		GP5RF390230			
				GRUNDFOS 5Redi-Flo3-90 230v		EA	
3		1		GP96037434			
				GRUNDFOS 175' Redi-Flo3 LEAD		EA	
4		1		GP96440289			
				GRUNDFOS REDI-FLO3 STATUS BOX		EA	
5				SUBTOTAL LINE			
6							
7				WELL# OW1-2			
8		1		GP5RF390230			
				GRUNDFOS 5Redi-Flo3-90 230v		EA	
9		1		GP96037438			
				GRUNDFOS 300' Redi-Flo3 LEAD		EA	
10		1		GP96440289			
				GRUNDFOS REDI-FLO3 STATUS BOX		EA	
11				SUBTOTAL LINE			
12							
13				WELL# OW1-3			
14		1		GP5RF390230			
				GRUNDFOS 5Redi-Flo3-90 230v		EA	
15		1		157547			
				GRUNDFOS 350' REDI-FLO LEAD		EA	
				96026127			
16		1		GP96440289			
				GRUNDFOS REDI-FLO3 STATUS BOX		EA	
17				SUBTOTAL LINE			
18							

* C O N T I N U E D *

C-1

P R I C E Q U O T A T I O N

DUFF COMPANY
201 EAST LAFAYETTE STREET
PO BOX 618
NORRISTOWN PA 19401

Page : 2 Printed At : 11:35:42 10 FEB 2004

Quote Date	Quote No.	Quote Expiration Date	Writer	Slsm	WH	
02/04/04	231860	03/05/04	BK	16		

Quoted To:TETTEC-0000

TETRA TECH INC./KING OF
PRUSSIA (S)
661 ANDERSEN DRIVE
FOSTER PLAZA 7
PITTSBURGH, PA 15220

Ship To:TETTEC-0000

TETRA TECH INC.
600 CLARK AVENUE
SUITE 3
KING OF PRUSSIA, PA 19406

Quotation Note:

Ln		Order Quant		EDP Code / Description	Net Price	UM	Ext Price
19				WELLH OW2-1			
20		1		GP5RF390230			
				GRUNDFOS 5Redi-Flo3-90 230v		EA	
21		1		157548			
				GRUNDFOS 325' EDI-FLO3 LEAD		EA	
				96026154			
22		1		GP96440289			
				GRUNDFOS REDI-FLO3 STATUS BOX		EA	
23				SUBTOTAL LINE			
24							
25				WELLH OW2-2 & OW3-1			
26		2		GP5RF390230			
				GRUNDFOS 5Redi-Flo3-90 230v		EA	
27		2		157551			
				GRUNDFOS 425' REDI-FLO3 LEAD		EA	
				96026156			
28		2		GP96440289			
				GRUNDFOS REDI-FLO3 STATUS BOX		EA	
29				SUBTOTAL LINE			
30							
31				WELLH OW3-2 OW4-1 OW4-2			
32		3		GP5RF390230			
				GRUNDFOS 5Redi-Flo3-90 230v		EA	
33		3		157552			
				GRUNDFOS 500' REFI-FLO3 LEAD		EA	
				96026142			
34		3		GP96440289			
				GRUNDFOS REDI-FLO3 STATUS BOX		EA	

* C O N T I N U E D *

C-2

PRICE QUOTATION

DUFF COMPANY
201 EAST LAFAYETTE STREET
PO BOX 618
NORRISTOWN PA 19401

Page : 3 Printed At : 11:35:42 10 FEB 2004

Quote Date	Quote No.	Quote Expiration Date	Writer	Slsm	WH
02/04/04	231860	03/05/04	BK	16	

Quoted To:TETTEC-0000

TETRA TECH INC./KING OF
PRUSSIA (S)
661 ANDERSEN DRIVE
FOSTER PLAZA 7
PITTSBURGH, PA 15220

Ship To:TETTEC-0000

TETRA TECH INC.
600 CLARK AVENUE
SUITE 3
KING OF PRUSSIA, PA 19406

Quotation Note:

Ln		Order Quant		EDP Code / Description	Net Price	UM	Ext Price
35				SUBTOTAL LINE			
36							
37		1		GP625333			
				GRUNDFOS R100 INFRARED REMOTE		EA	
38		3500		SSCABLEFT			
				STAINLESS STEEL CABLE PER FOOT		EA	
39		72		CABLECLAMP			
				S/S WIRE CABLE CLAMP EA		EA	
40		9 X 3		SSINSERTMADA1			
				1 304s/s INSERT x MALE ADAPTER		EA	
41		7		POLYP1X160X500			
				1 x 160# x 500' POLY PIPE		EA	

3/16" 9000 lb

C-3

Quotation Total $23,781.55

CONSIGNEE CUSTOMER COPY (BLUE)

NUIRP

999 SOUTH OYSTER BAY RD
BETHPAGE NY 11714

INBOUND TRAILER: 285413 OVNC

FREIGHT BILL NUMBER: 777 458 614

SHIPPER 777 458 614
DUFF CO
PO BOX 618
201 E LAFAYETTE ST
NORRISTOWN PA 19401-5085
01310120 (610)275-4453

PO#	OVERNITE PHONE NUMBER	CITY RTE/BYD SCAC	DEST	ADV CAR
NONE	(800)333-7400	6R	FRM	BL# 969796
		PICK UP DATE	ORIG	AD OV BD
05		03/04/04	PTT	

COLLECT THIS AMOUNT
$.00
$.00

OVERNITE TRANSPORTATION COMPANY www.overnite.com

777 458 614

# PCS	HM	PT	DESCRIPTION OF ARTICLES AND SPECIAL MARKINGS	WEIGHT (LBS)	NMFC	RATE	CHARGES
			2 PIECE(S) COUNTED AND VERIFIED ON 2 SK HANDLING UNIT(S) WITH THE FOLLOWING:				
1		SK	PUMPS	750	128000-00		
1		SK	POLY PIPE	250	156600-08		
			LTL FUEL ADJUSTMENT				
			SHIPPER'S PH# 610 275 4453				
			FAX# 510 279 6299				
			BILL TO: 17802234				
			DUFF CO				
			OVNT 80315 0000001				
			*OVNT000560 06/23/03 F 80412				

2 TTL PCS

PIECES DLVRD _____

WRAP ☐ YES INTACT? ☐ NO

PRINT NAME

SIGNATURE x

TTL WT 1000

FIRM

RECEIVED THE ABOVE PROPERTY IN GOOD CONDITION EXCEPT AS NOTED
RECORD EXCEPTIONS & DESCRIPTIONS OF GOODS IN BODY OF FORM ABOVE

ODOM	ARRIVE	DEPART	TOTAL CHARGES (US
			PI
DATE	DRIVER NAME		

C-4

DUFF COMPANY
(CUSTOMER COPY)

Warehouse:
DUFF COMPANY
20 EAST LAFAYETTE STREET
PO BOX 618
NORRISTOWN PA 19401

Order #: 969796 Printing # 1
Driver:
Counter:
Warehouse:
Picked by: Z Checked by: ED

Ship To: TETTEC 7659-0000
NWIRP BETHPAGE
999 SOUTH OYSTER BAY ROAD
BETHPAGE, NY 11714
ATTN: AL TAORMINA
516-346-0344
PHONE # 412-921-7090
Freight Allowed NO

Sold To:
TETRA TECH INC./KING OF
PRUSSIA (S) ATTN A/P
661 ANDERSEN DRIVE
FOSTER PLAZA 7
PITTSBURGH, PA 15220

Printed at 15:18:21 03 MAR 2004

Customer Purchase Order #	Quoted To	Ship-Via
PITT N4037 P4097	SANDY D'ALESSANDRIS	COMMON CARRIER

Order Date	Rqd Date	Tax Juris.	Wrtr	Slsm	Pieces	Weight	Page
02/24/04	03/29/04	PAT	BK	16	4135	791.5	1

Instructions: PO# REQ.

Ln	Order Quant	Pick Quant	B/O Quant	EDP Code / Description	Ship Quant	UM	Net Price
1	9	9	0	GP5RF390230 GRUNDFOS 5Redi-Flo3-90 230v	9	EA	
2	1	1	0	GP96037434 GRUNDFOS 175' Redi-Flo3 LEAD	1	EA	
3	9	9	0	GP96440289 GRUNDFOS REDI-FLO3 STATUS BOX	9	EA	
4	1	1	0	GP96037438 RA14-2 GRUNDFOS 300' Redi-Flo3 LEAD	1	EA	
5	1	1	0	157547 GRUNDFOS 350' REDI-FLO LEAD 96026127	1	EA	
6	1	1	0	157548 GRUNDFOS 325' EDI-FLO3 LEAD 96026154	1	EA	
7	2	2	0	157551 GRUNDFOS 425' REDI-FLO3 LEAD 96026156	2	EA	
8	3	3	0	157552 GRUNDFOS 500' REFI-FLO3 LEAD	3	EA	
9	1	1	0	GP625333 PUMP GRUNDFOS R100 INFRARED REMOTE	1	EA	
10	27	27	0	SSINSERTMADA1 1 304s/s INSERT x MALE ADAPTER	27	EA	

* CONTINUED *

3 SKIDS

C-5

DUFF COMPANY
(CUSTOMER COPY)

Warehouse :
DUFF COMPANY
201 EAST LAFAYETTE STREET
PO BOX 618
NORRISTOWN PA 19401

Order # : 969796 Printing # 1
Driver:
Counter:
Warehouse:
Picked by: Checked by:

Ship To:TETTEC 7659-0000
NWIRP BETHPAGE
999 SOUTH OYSTER BAY ROAD
BETHPAGE, NY 11714
ATTN: AL TAORMINA
516-346-0344
PHONE # 412-921-7090
Freight Allowed NO

Sold To:
TETRA TECH INC./KING OF
PRUSSIA (S) ATTN A/P
661 ANDERSEN DRIVE
FOSTER PLAZA 7
PITTSBURGH, PA 15220

Printed at 15:18:21 03 MAR 2004

Customer Purchase Order #	Quoted To	Ship-Via
PITT N4037 P4097	SANDY D'ALESSANDRIS	COMMON CARRIER

Order Date	Rqd Date	Tax Juris.	Wrtr	Slsm	Pieces	Weight	Page
02/24/04	03/29/04	PAT	BK	16	4135	791.5	2

Instructions: PO# REQ.

Ln	Order Quant	Pick Quant	B/O Quant	EDP Code / Description	Ship Quant	UM	Net Price
11	7	7	0	POLYP1X160X500 1 x 160# x 500' POLY PIPE	7	EA	
12	72	72	0	158282 1/4" S/S CABLE CLAMP	12	EA	
13	4000	4000	0	158285 5/32" S/S CABLE per/FT	13	EA	
14	1	1	0	2158 FRTIN FACTORY FREIGHT IN THIS ITEM IS THE FREIGHT COST FOR AN ITEM WHICH WE SPECIAL' ORDERED	1	EA	
15							
16				POLYP1X~~160X500 IN YARD~~			
17				~~LINES1-9,12AND~~ 13 IN RECEIV.			
18				SH~~IP COMPLETE~~			

**** INSPECTED FOR DUFF DIFFERS QUALITY ASSURANCE BY: EH ****

Customer Signature : _____
Date : ____/____/____
This signed receipt acknowledges that the above merchandise has been delivered and/or received in perfect condition.

Cartons	Coils	Bundles	Pumps	Lgths	Bags

C6

Click to go to www.geotechenv.com

geotech

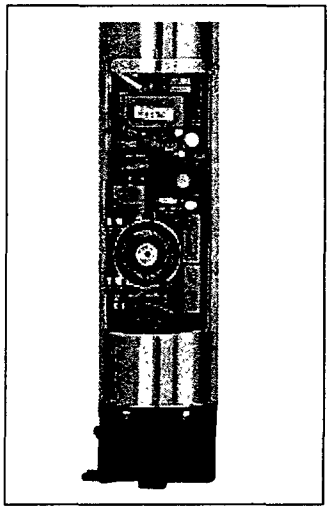
Environmental Pumps

Grundfos Redi-Flo3 Electrical Submersible Pump

The Grundfos Redi-Flo3 Electrical Submersible Pump is ideal for the removal of polluted groundwater. Users have the capability to change the pump performance while the pump is installed in the well. Typical applications include: environmental remediation, leachate extraction, total fluids recovery, tank-to-tank transfer, and sampling. Systems are available for your portable or dedicated pumping needs.

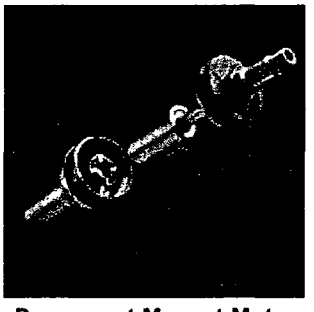
FEATURES

- **Advanced Electronics**
  Permanent-magnet motors, and Grundfos' own micro-frequency converter offer the capability to control and communicate with the pump to monitor performance and set operating parameters
- **Permanent-Soft Start System**
  The motor has a soft-start system which allows the pump to start with gradually increasing speed and with the highest possible starting torque.
- **Rugged Design**
  The pump uses "floating" impellers. Each impeller has its own tungsten carbide/ceramic bearing. This design and the environmentally tough 316 stainless steel and PVDF construction provide excellent wear resistance and solids handling capability.
- **Permanent-Magnet Motor**
  The motor is protected against: dry-run, overvoltage, undervoltage, overload, overtemperature virtually eliminating down time.
- **Reliable Check Valves**
  Reliable built-in spring loaded check valves let you operate the pump in a position from vertical to horizontal.

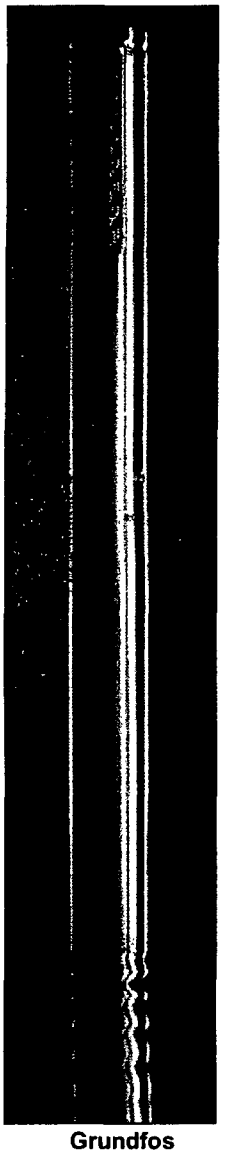


Advanced Electronics

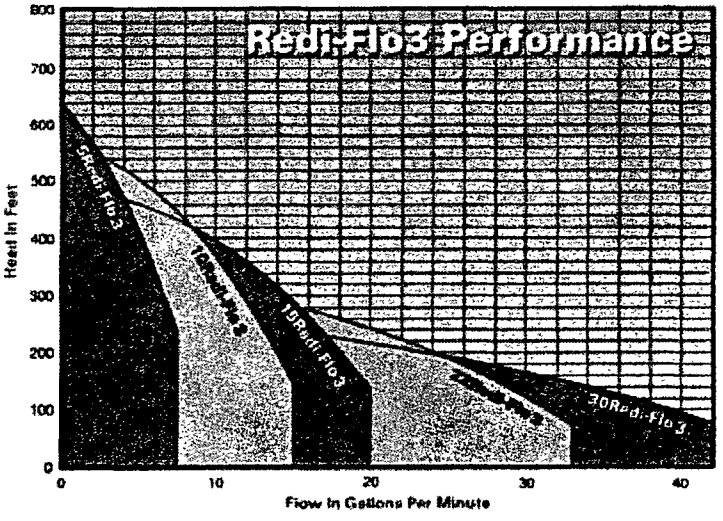
Wear Resistant Bearings



Permanent Magnet Motor



Grundfos Redi-Flo3



Geotech Environmental Equipment, Inc.
8035 East 40th Avenue • Denver, Colorado 80207
(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242
email: sales@geotechenv.com website: www.geotechenv.com

Environmental Pumps

geotech

Grundfos Redi-Flo3 Electrical Submersible Pump Specifications

General

Borehole diameter	Minimum 3" (76 mm)
Installation depth	Maximum 500ft/150 m below water table
Media temperature	86° F/30° C at no flow past motor/ 104° F/40°C at over 15 m/sec. flow past motor
Noise level	< 70 dB (A)
Radio noise	Complies with the EMC directive (89/336/EEC)
Power factor	Cos phi = 1
Ground fault circuit breaker	HPFI
Material	Stainless Steel complying with DIN W.-Nr 1.4401 (AISI 316), PVDF and FPM rubber

Electric

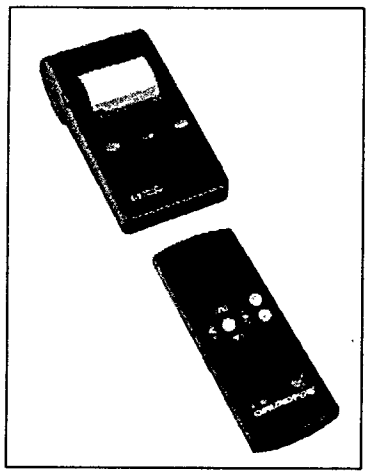
Supply voltage	1x200-240V, 50/60Hz 1x100-115V, 50/60Hz
Operation via generator	The generator output must be equal to the motor p1(KW) +10%
Starting current	The motor starting current is equal to the highest value stated on the motor nameplate
Starting	Soft-start
Run-up time	Maximum 2 seconds
Motor protection	The motor is protected against: dry-run, overvoltage, undervoltage, overload, over temperature
Power factor	PF = 1

Piping Connection

Discharge port	5-Redi-Flo3 - 1" NPT; 10-15 Redi-Flo3 - 1 ¼" NPT; 22-30 Redi-Flo3 - 1½" NPT

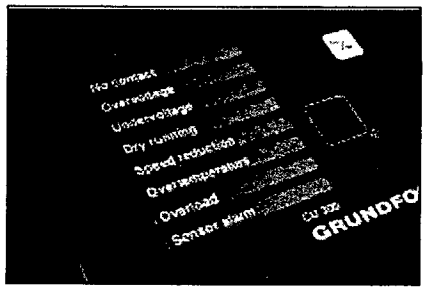
ACCESSORIES

CU300 Status Box/R100 Infrared Remote



R100 Infrared Remote

The optional Redi-Flo3 status box and R100 at the surface allows you to communicate with the pumps integrated electronics through the standard power leads. No additional wires are required! This feature provides the direct use of multiple sensors, digital input and relays without adding any extra electronics and cost. Pump status readout and parameter changes can easily be performed at the surface with the R100 or the Redi-Flo3 PC Tool.



Redi-Flo3 Status Box

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.
8035 East 40th Avenue • Denver, Colorado 80207
(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242
email: sales@geotechenv.com website: www.geotechenv.com

TAM INTERNATIONAL

Inflatable Packers

ISO 9001 Certified

RECEIVED APR 0 2 2004

INVOICE

Invoice #	Invoice Date	Page
043548	3/19/2004	1

Bill To:

TETRA TECH NUS., INC.
ATTN: ACCOUNTS PAYABLE
661 ANDERSON / FOSTER PLAZA 7
PITTSBURGH, PA 15220
USA

Ship To:

NWIRP BETHPAGE
ATTN: AL TAORMINA 516-346-0344
999 SOUTH OYSTER BAY ROAD
BETHPAGE, NY 11714
USA

CUSTOMER PO NUMBER	TERMS	SHIP VIA	F O.B. POINT
PITT N4037 P4095	NET 30 DAYS	UPS GROUND	HOUSTON PLANT

ORDERED BY	SALES REPRESENTATIVE	ORDER DATE	OUR ORDER #	CUSTOMER ID
S. D'ALESSANDRIS	ROSS BAMFORD	2/23/2004	204430	TETRA

LN	DL	QUANTITY ORDERED	QUANTITY SHIPPED	PART IDENTIFIER	DESCRIPTION COMMENTS	UNIT	UNIT PRICE (US DOLLARS)	EXTENDED PRICE (US DOLLARS)
01	01	9.00	9.00	263-SD-01	2 5/8" SD SINGLE TUBE	EA		$
					1 1/4" NPT SS 1.38" ID			
					1/4" NPT MALE ON INFLATE			
					TUBE.			
				SERIAL NUMBER.	SD1:2.63501323			
				SERIAL NUMBER:	SD1:2.63508053			
				SERIAL NUMBER:	SD1:2.63508348			
				SERIAL NUMBER:	SD1:2.63508412			
				SERIAL NUMBER.	SD1:2.63508415			
				SERIAL NUMBER:	SD1:2 63509213			
				SERIAL NUMBER:	SD1:2.63510117			
				SERIAL NUMBER:	SD1:2.63510321			
				SERIAL NUMBER:	SD1:2.63510322			
02	01	18.00	18.00	263-SD-31	LIFTING EYE OPTION	EA		$
					WELD EYELETS 1/2" CHAIN			
					LINK WELDED ON MANDREL T			
					LOOP SAFETY CABLE THROUG			
					QTY (2) EACH ON TOP AND			
					QTY (2) EACH ON BOTTOM OF			
					MANDREL			
				LOT NUMBER:	511548	QTY		
03	01	9.00	9.00	025-IL-01	1/4" INFLATION KIT, BRASS	EA		$

TAM INTERNATIONAL
Inflatable Packers
ISO 9001 Certified

INVOICE

Invoice #	Invoice Date	Page
043548	3/19/2004	2

Bill To:
TETRA TECH NUS , INC.
ATTN· ACCOUNTS PAYABLE
661 ANDERSON / FOSTER PLAZA 7
PITTSBURGH, PA 15220
USA

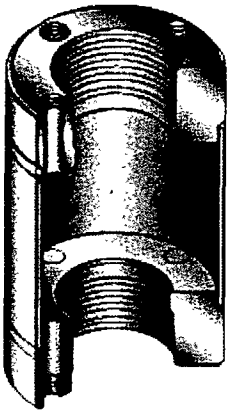
Ship To:
NWIRP BETHPAGE
ATTN: AL TAORMINA 516-346-0344
999 SOUTH OYSTER BAY ROAD
BETHPAGE, NY 11714
USA

CUSTOMER PO NUMBER	TERMS	SHIP VIA	F.O.B. POINT
PITT N4037 P4095	NET 30 DAYS	UPS GROUND	HOUSTON PLANT

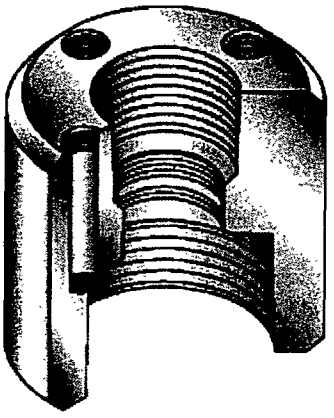
ORDERED BY	SALES REPRESENTATIVE	ORDER DATE	OUR ORDER #	CUSTOMER ID
S. D'ALESSANDRIS	ROSS BAMFORD	2/23/2004	204430	TETRA

LN	DL	QUANTITY ORDERED	QUANTITY SHIPPED	PART IDENTIFIER	DESCRIPTION COMMENTS	UNIT	UNIT PRICE (US DOLLARS)	EXTENDED PRICE (US DOLLARS)
					NYLON INFLATE LINE			
				LOT NUMBER:	511549	QTY:		
04	01	2370.00	2370.00	025NYLONTUBING	1/4" NYLON TUBING	FT		$
					2500 PSI BURST TYPE-H			
				LOT NUMBER:	7023720101	QTY:		
				LOT NUMBER:	PUR	QTY:		
				LOT NUMBER.	UNKNOWN	QTY:		
05	01	9.00	9.00	275-FT-02	2 3/4" PUMP FEED THRU SUB	EA		
					CS, 1/2 X 1 1/4 X 1/2 NPT			
				LOT NUMBER:	104216	QTY:		
				LOT NUMBER:	502921	QTY:		
				LOT NUMBER:	511550	QTY:		
06	01	36.00	36.00	PG2-187-A-V	COMPRESSION SEALS FOR	EA		
					WIRES			
07	01	9.00	9.00	5120-MSC-01	MISCELLANEOUS PARTS	EA		
					STEAM CLEAN AND PACKAGE			
					ALL EQUIPMENT IN			
					ACCORDANCE WITH PROCED			
					- SEE DAVID DOLL			
					(PER HOUR).			
09	01	4.00	4.00	5120-MSC-01	MISCELLANEOUS PARTS	EA		
					SPOOL FOR 1/4" NYLON			
					TUBING			

C-10



7) Feed Thru Sub



8) Pump Feed Thru

Feed Thru Sub
For hydrological workstring assemblies TAM International manufactures a line of Feed Thru connections. Both Feed Thru designs enable wiring and tubing to be run inside and outside of the packer assembly. TAM Feed Thru subs maintain workstring strength and protect the integrity of the electrical and tubing connections between components.

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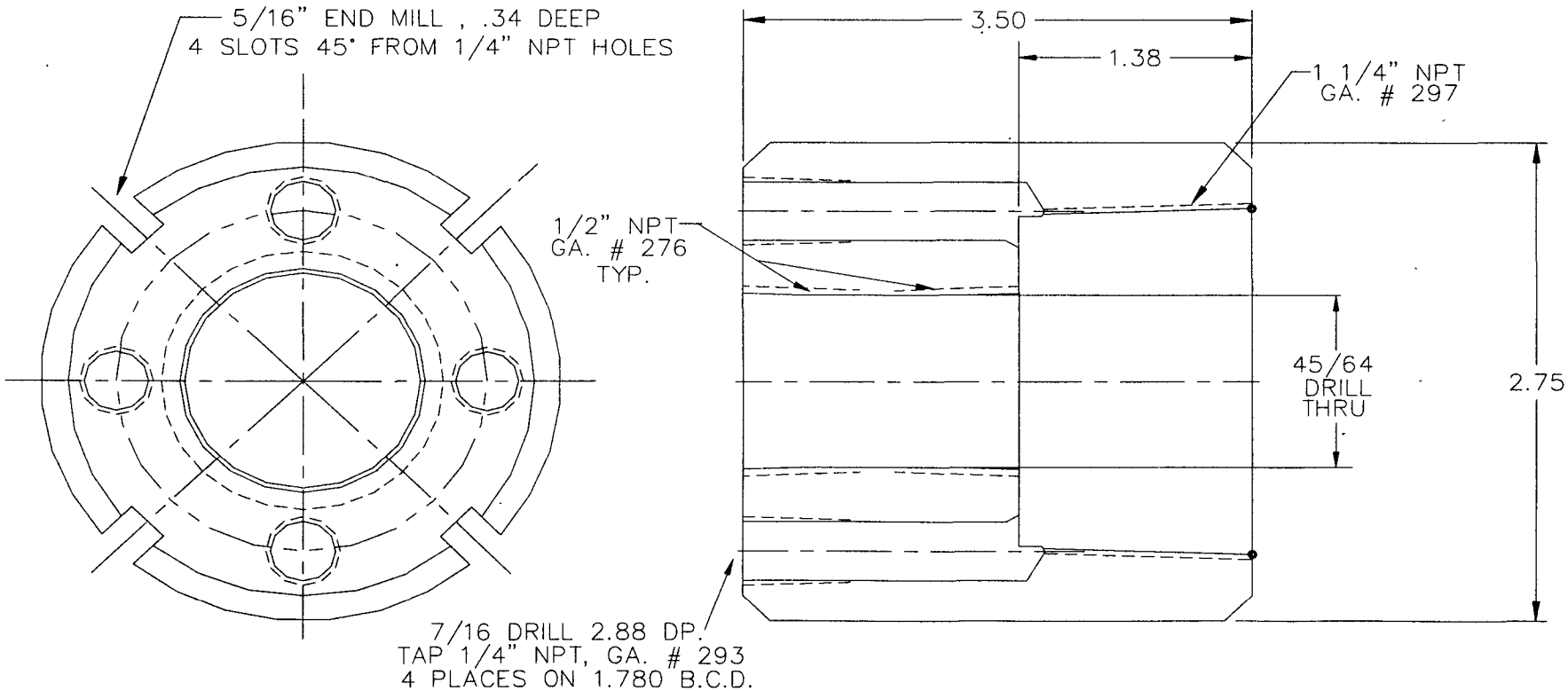
TAM INTERNATIONAL
INFLATABLE PACKERS

275-FT-02

2 3/4" Pump Feed Thru Sub



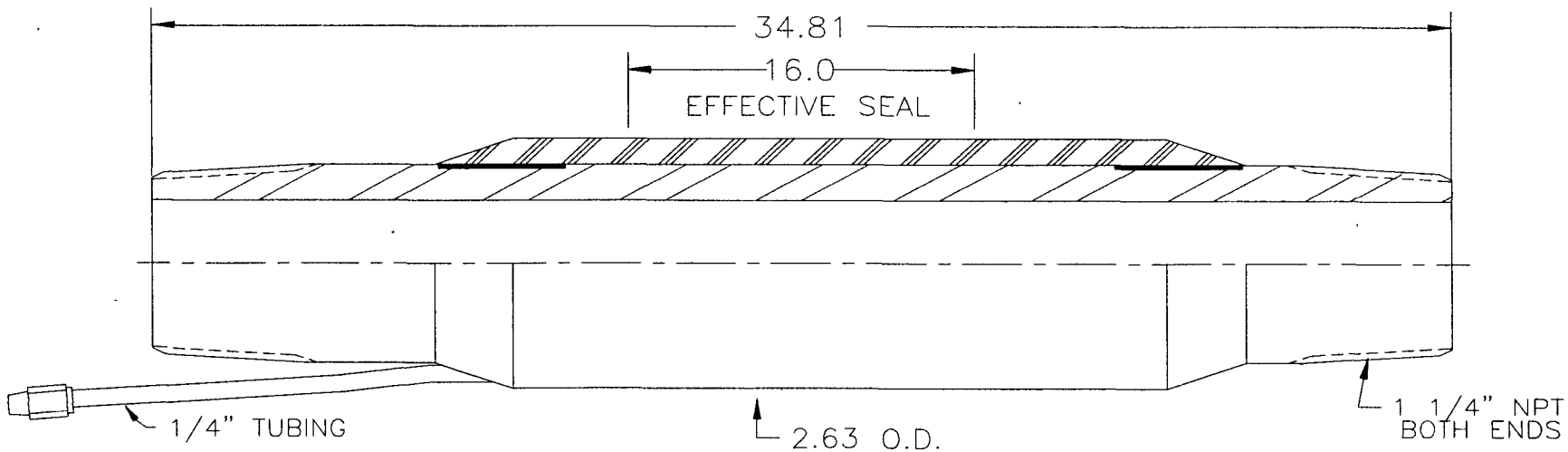
C-12

Rev. C

TAM INTERNATIONAL
INFLATABLE PACKERS

263-SD-01

2 2/8" SD Single Tube



Rev. J

Hydrological and Geotechnical

Inflatable Packers

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Hydrological/Geotechnical

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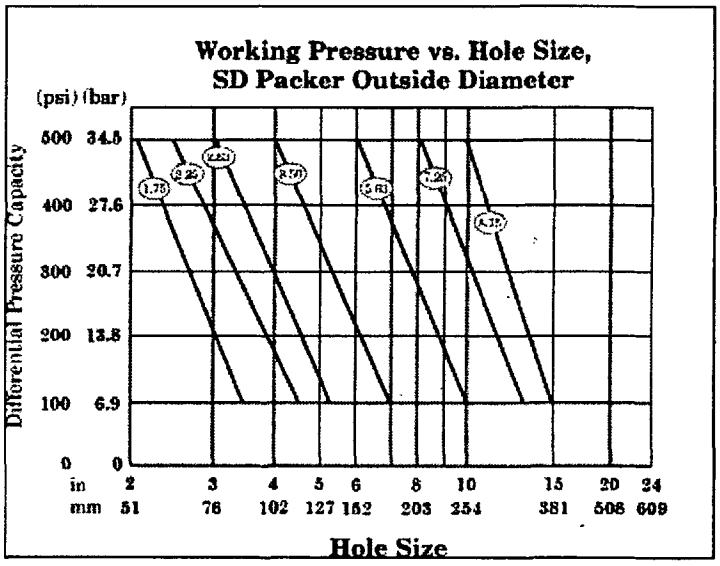
Other Inflatable Packers
- Element Selection
- Bridge Plugs
- Thru-Tubing
- Electric Line
- Slick Line
- Single Set
- Casing Circulating
- Hydrological / Geotechnical
- Port Collars
- Scab Liner

TAM SD Fixed-End Inflatable Packers

For shallow completions, such as monitor wells, where downhole differential pressures do not exceed 500 PSI (34 BAR), the TAM SD packers are an economical choice. TAM SD packers feature a tough inflatable element designed for high elongation and tear resistance.

TAM SD packers are available in all standard sizes and can be easily run in straddle configurations.



IMPORTANT: The suggested ratings on the graph are not a measure of the packer's self-anchoring capability, which may be less than the suggested rated working pressure and may vary under certain circumstances. Consult TAM International for details.

diagram SD Single and Straddle

SD Packer Dimensional Data

Part Number Single Packer	Part Number Straddle Packer	Packer O.D. in	Packer O.D. mm	Packer I.D. in	Packer I.D. mm	Thread Connection	Element Seal Length in	Element Seal Length mm	Overall Single Packer Length in	Overall Single Packer Length mm	Overall Straddle Packer Length in	Overall Straddle Packer Length mm
175-SD-01	175-SD-05	1.75	44.5	0.74	18.8	3/4" NPT	16.00	406.4	34.19	868.4	68.75	17
225-SD-01	225-SD-05	2.25	57.2	1.05	26.7	1" NPT	16.00	406.4	35.12	892.0	70.25	17
263-SD-01	263-SD-05	2.63	66.8	1.38	35.1	1 1/4" NPT	16.00	406.4	34.81	884.2	70.63	17
350-SD-01	350-SD-05	3.50	88.9	2.06	52.3	2" NPT	16.00	406.4	34.75	882.7	70.25	17
583-SD-01	583-SD-05	5.83	143.0	4.03	102.4	4" NPT	18.00	457.2	39.50	1003.3	79.75	20
725-SD-01	725-SD-05	7.25	184.2	5.05	128.3	5" NPT	19.25	488.9	40.75	1035.1	81.63	20
875-SD-01	875-SD-05	8.75	222.3	5.94	150.9	6" NPT	20.50	520.7	43.13	1095.5	86.25	21

Note: Longer seal lengths are available on special order.
Maximum temperature rating is 150° F (66° C).
The Inflation Element is manufactured using nitrile elastomer.

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TAM INTERNATIONAL
Inflatable Packers

LETTER OF COMPLIANCE AND TEST

The following product was manufactured by TAM International in Houston, Texas, U.S.A. in compliance with TAM International Specifications and/or A.P.I. Specifications where applicable.

Material Test Reports for all components are maintained on file and are available upon request.

PRODUCT PART NUMBER
263-SD-01
263-SD-31
025-IL-01
¼" NYLON TUBING
275-FT-02
PG2-187-A-V

COMMENTS

"ITEMS HAVE BEEN STEAM CLEANED AND REQUIREMENTS".

CERTIFIED BY:

DAVID DOLL

March 19, 2004

4620 Southerland, Houston, Texas 77092 Phone 713-462-7617 Fax 713-462-1536 1-800-462-7617 E-mail:info@tamintl.com

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APPENDIX D

PHOTOGRAPHS

Pre-Assembly Area

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

D-1

000771IB01X

Part Inventory (Air Lines)

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

D-2

Part Inventory (Pump Motor Leads)

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

D-3

Part Inventory (Dedicated Packers)

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

D-4

Soak Testing (Pump and Packer)

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

D-5

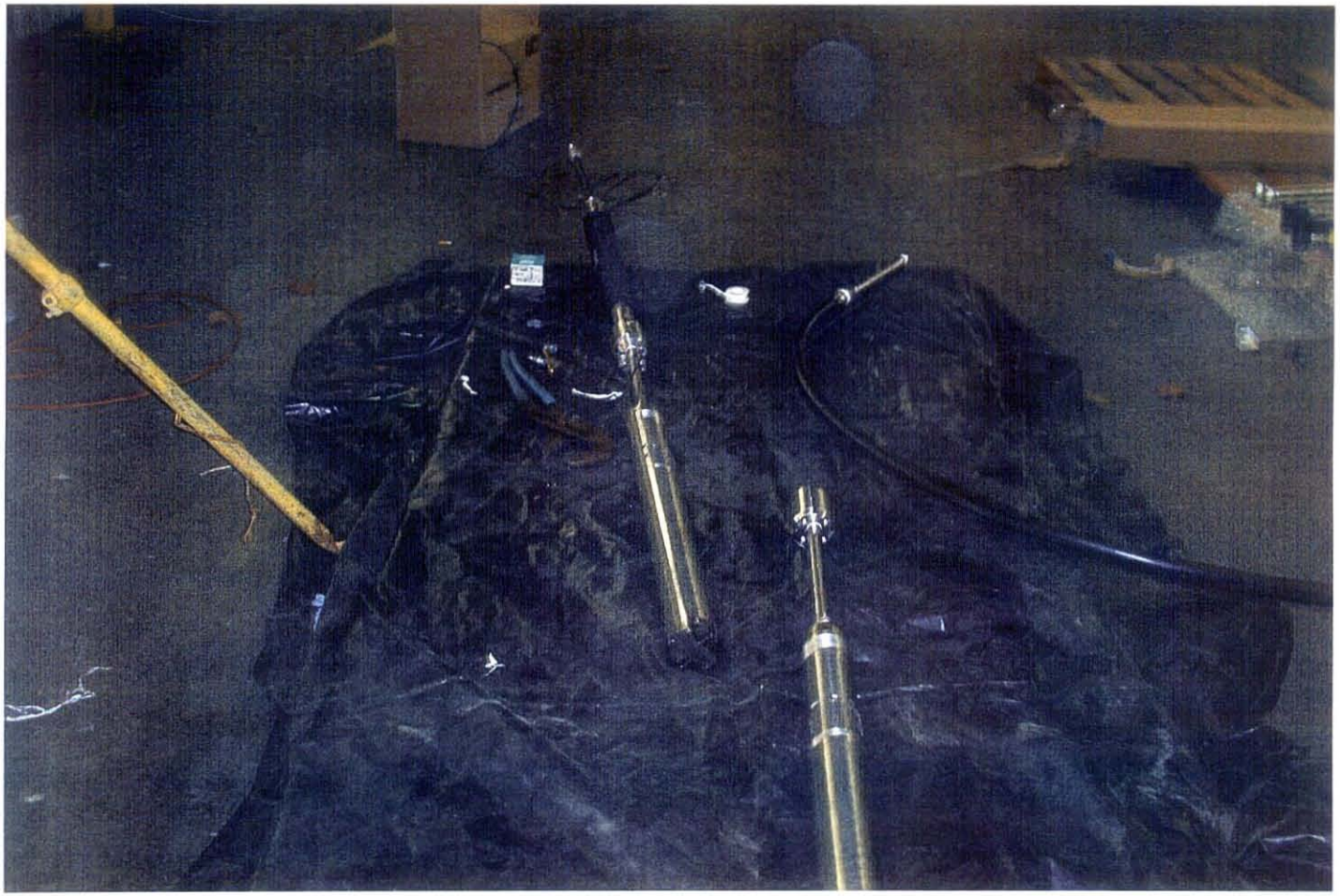
Pump/Packer Pre-Assembly

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

D-6

Pump/Packer Pre-Assembly

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.



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Pump/Packer Pre-Assembly

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

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Well Head Pre-Assembly

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

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Well Head Pre-Assembly

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

01-0

Packer Pre-Installation Testing

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

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Typical Installation Set Up

Outpost Well Dedicated Sampling Systems
NWIRP Bethpage, New York.

D-12

Typical Completed Wellhead

Outpost Well Dedicated Sampling Systems

NWIRP Bethpage, New York.

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