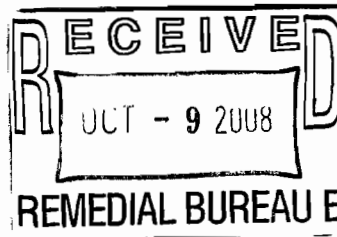




BUCK
ENGINEERING, LLC
consulting environmental engineers



October 1, 2008

Mr. Thomas Conrad
SCWP, LLC
839 NYS Route 13
Cortland, NY 13045

Re: SCWP Remediation Outfall Monitoring –September 2008

Dear Tom:

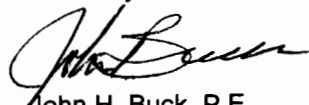
Enclosed are the laboratory reports resulting from samples obtained from three locations (the tower influent, the tower discharge, and the outfall at the cascade) for the month of September 2008. Also enclosed are spreadsheets and graphs that display the data for these sites. For clarity, only the previous 12 months data are graphed. We are also including a table of selected groundwater depths for general reference.

The TCE results were:

System Influent-	5.9 ug/l
Tower Discharge-	2.7 ug/l
Cascade Outfall-	1.0 ug/l

All parameters meet operational guidelines established in Kevin Delaney's (NYSDEC) correspondence of May 10, 2001. Please let me know if there are any questions with the submittal.

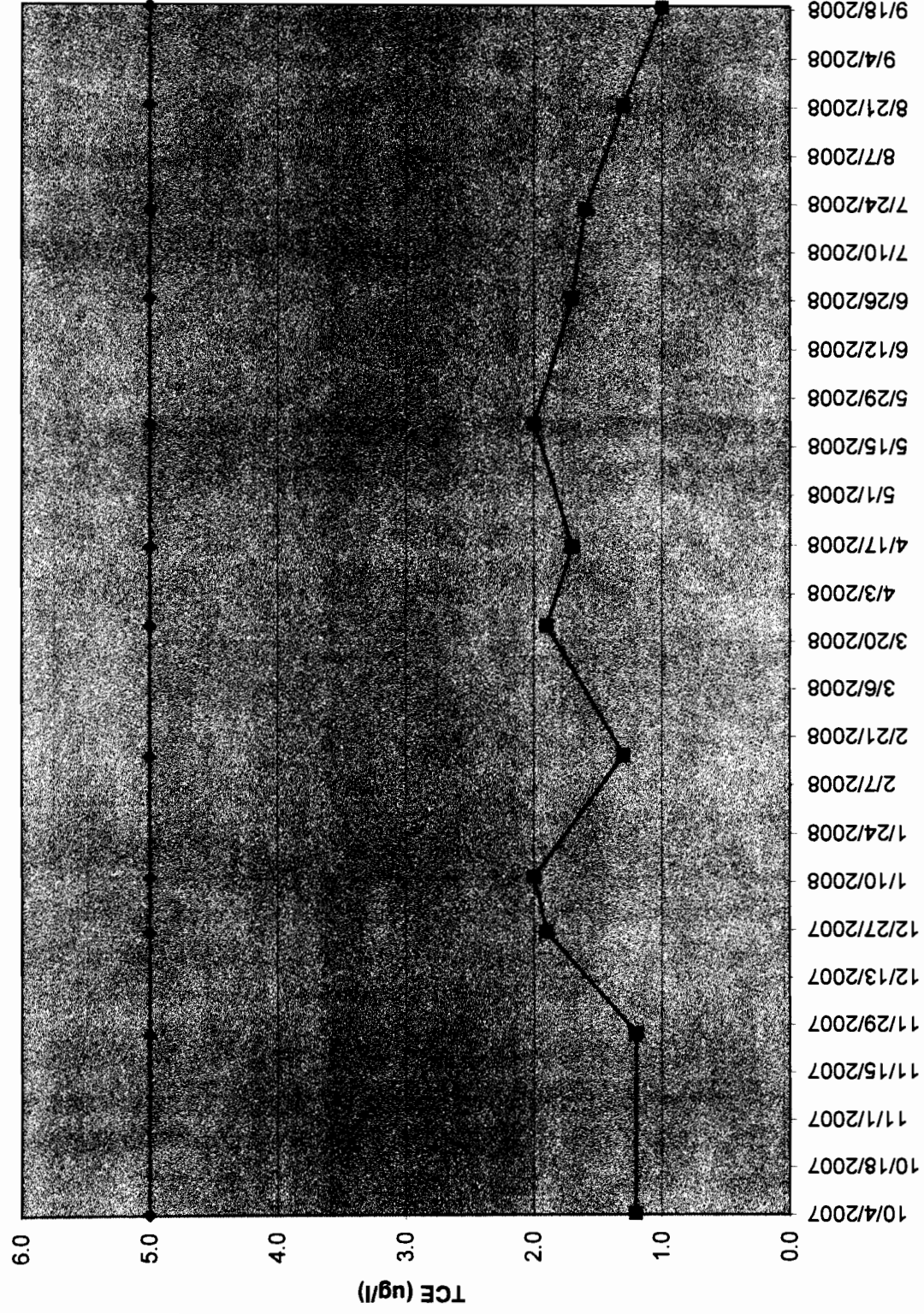
Sincerely,


John H. Buck, P.E.
Principal Engineer

Electronic mail copies:

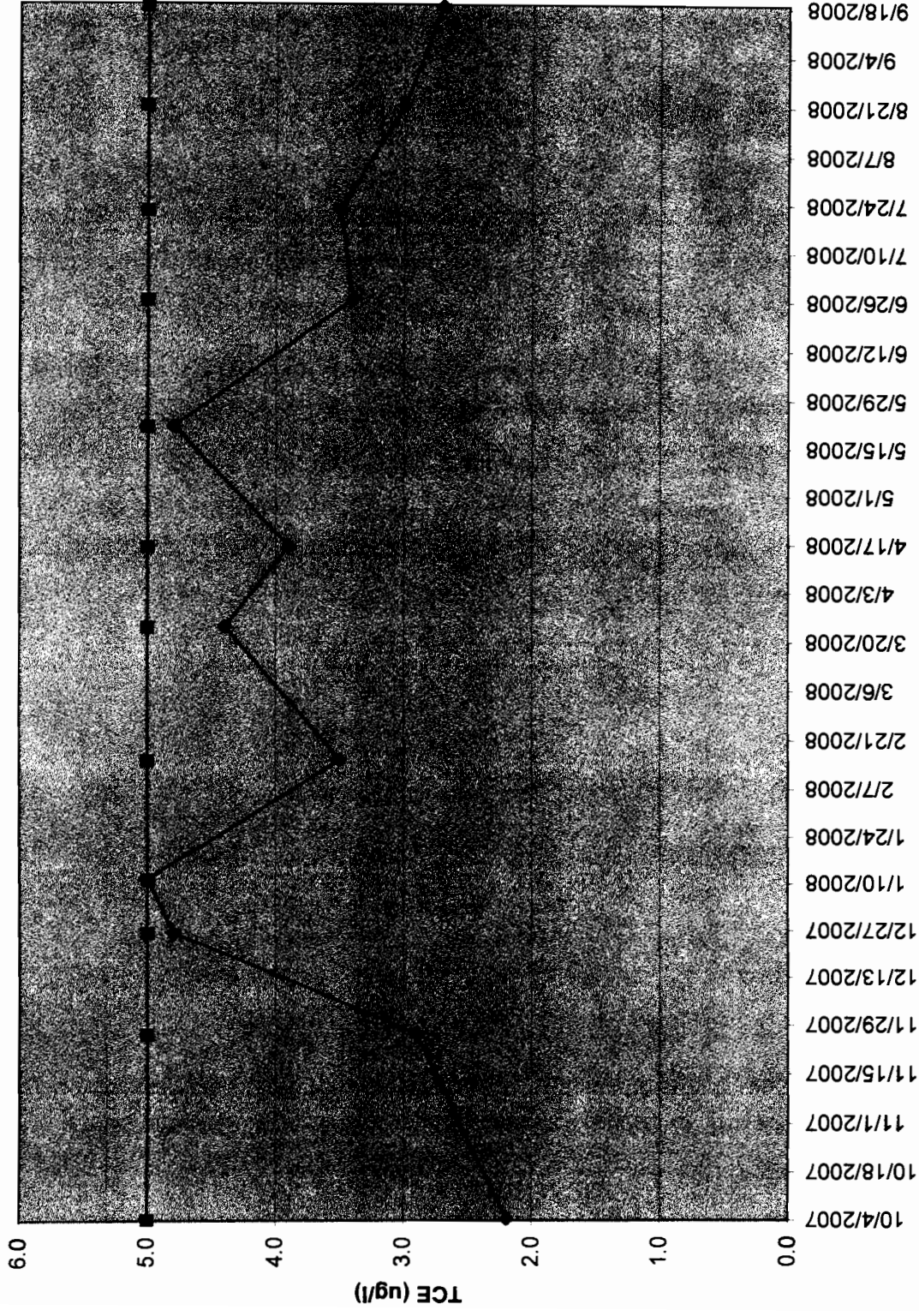
T. Festa (NYSDEC)
C. Cuipyo (NYSDEC)
P. Reidy (CCS&WCD)
J. Helgren, P.E. (CCHD)
R. Shafer, Esq. (RSS)
K. Ochs (SCWP)
S. Kalette, Esq. (SCM)

Cascade Outfall



Buck Engineering, LLC
87 Central Avenue
Cortland, NY 13045

Tower Discharge

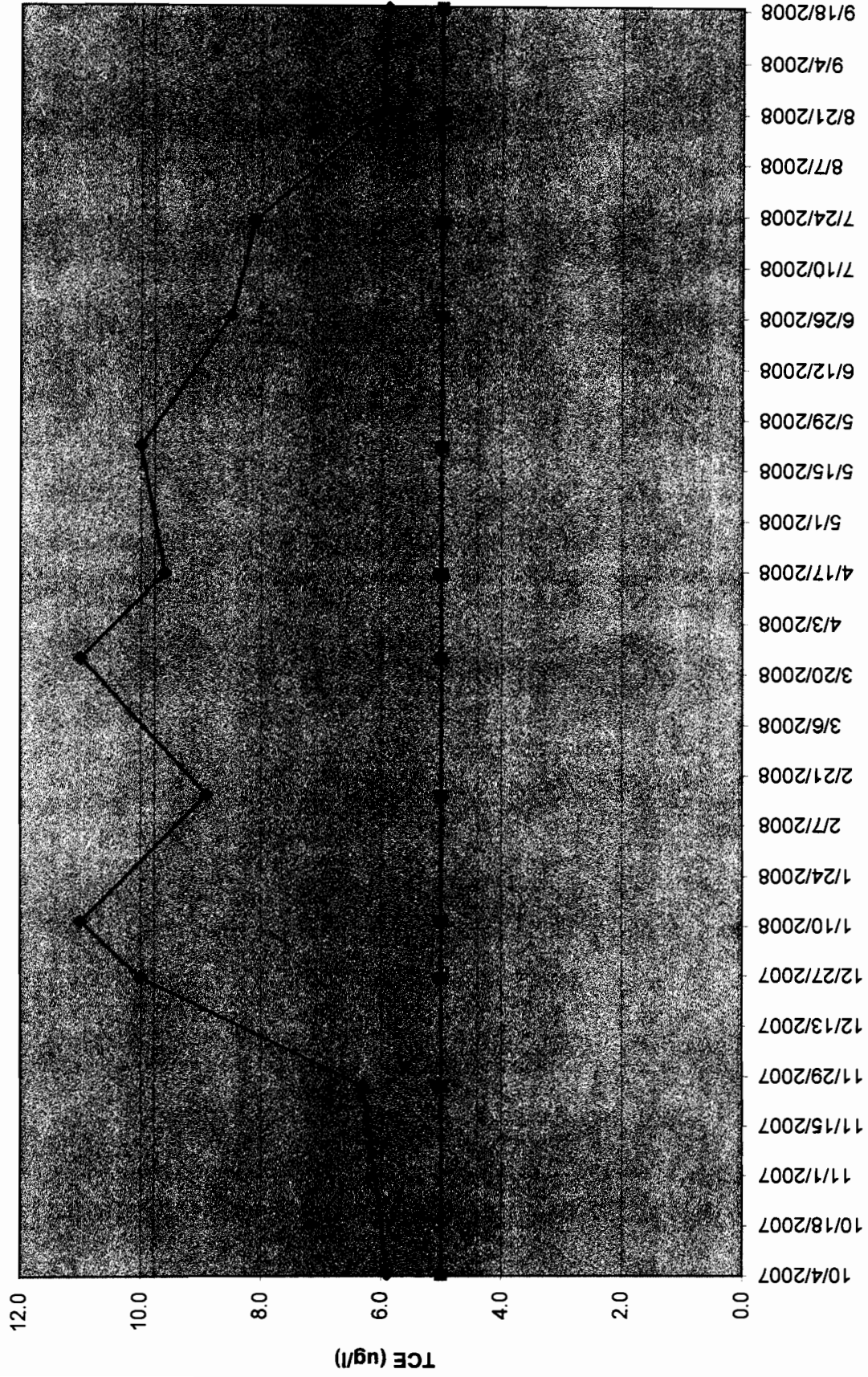


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Tower Influent



SCWP Monthly Groundwater Depths

	12/5/2005	11/20/2006	11/27/2007	2/15/2008	3/24/2008	4/16/2008	5/21/2008	6/26/2008	7/22/2008	8/21/2008	9/18/2008
piezometer(inside casing)											
recov well	ns	1167.71	1163.51	1169.59	1170.79	1170.18	1166.90	1164.28	1163.77	1163.66	1161.67
MW-2s	ns	1166.07	1162.06	1168.35	1169.61	1169.02	1164.84	1162.15	1161.75	1161.77	1159.74
	1164.86	1167.71	1163.49	ns	1170.73	1170.09	1166.84	1164.24	1163.76	1163.60	1161.62



Buck Engineering, LLC
87 Central Ave.
Cortland, NY 13045-0427



John Buck
Buck Engineering, LLC
PO Box 427
87 Central Ave
Cortland, NY 13045

Phone: (607) 753-8010

Authorization: Proj. #BE7011

Laboratory Analysis Report

For

Buck Engineering, LLC

Client Project ID:

SCWP

LSL Project ID: **0817076**

Receive Date/Time: 09/18/08 16:24

Project Received by: HG

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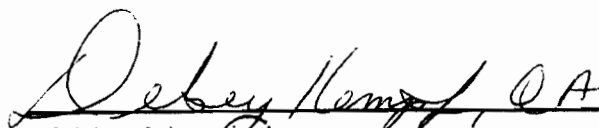
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- (1) LSL Central Lab, East Syracuse, NY
- (2) LSL North Lab, Waddington, NY
- (3) LSL Finger Lakes Lab, Wayland, NY
- (4) LSL Southern Tier Lab, Cuba, NY
- (5) LSL MidLakes Lab, Canandaigua, NY
- (6) LSL Brittonfield Lab, East Syracuse, NY

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(315) 388-4476
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(585) 968-2640
(585) 396-0270
(315) 437-0200

NYS DOH ELAP #10248 PA DEP #68-2556
NYS DOH ELAP #10900
NYS DOH ELAP #11667
NYS DOH ELAP #10760
NYS DOH ELAP #11369
NYS DOH ELAP #10155

This report was reviewed by:


Life Science Laboratories, Inc.

Date:

9/23/08

A copy of this report was sent to:

Page 1 of 3

Date Printed:

9/23/08

-- LABORATORY ANALYSIS REPORT --

Buck Engineering, LLC Cortland, NY

Sample ID: System Influent LSL Sample ID: 0817076-001
Location:
Sampled: 09/18/08 9:20 Sampled By: JRH
Sample Matrix: NPW

Analytical Method			Prep	Analysis	Analyst
Analyte	Result	Units	Date	Date & Time	
(1) EPA 8260B TCL Volatiles					
1,1-Dichloroethene	<1	ug/l		9/19/08	BD
1,2-Dichloroethene, Total	<1	ug/l		9/19/08	BD
Tetrachloroethene	<1	ug/l		9/19/08	BD
1,1,1-Trichloroethane	<1	ug/l		9/19/08	BD
Trichloroethene	5.9	ug/l		9/19/08	BD
Vinyl chloride	<1	ug/l		9/19/08	BD
Surrogate (1,2-DCA-d4)	112	%R		9/19/08	BD
Surrogate (Tol-d8)	91	%R		9/19/08	BD
Surrogate (4-BFB)	87	%R		9/19/08	BD

Sample ID: Tower Discharge LSL Sample ID: 0817076-002
Location:
Sampled: 09/18/08 9:10 Sampled By: JRH
Sample Matrix: NPW

Analytical Method			Prep	Analysis	Analyst
Analyte	Result	Units	Date	Date & Time	Initials
(1) EPA 8260B TCL Volatiles					
1,1-Dichloroethene	<1	ug/l		9/19/08	BD
1,2-Dichloroethene, Total	<1	ug/l		9/19/08	BD
Tetrachloroethene	<1	ug/l		9/19/08	BD
1,1,1-Trichloroethane	<1	ug/l		9/19/08	BD
Trichloroethene	2.7	ug/l		9/19/08	BD
Vinyl chloride	<1	ug/l		9/19/08	BD
Surrogate (1,2-DCA-d4)	111	%R		9/19/08	BD
Surrogate (Tol-d8)	93	%R		9/19/08	BD
Surrogate (4-BFB)	92	%R		9/19/08	BD

Sample ID: Cascade Outfall LSL Sample ID: 0817076-003
Location:
Sampled: 09/18/08 8:50 Sampled By: JRH
Sample Matrix: NPW

Analytical Method				Prep	Analysis	Analyst
Analyte		Result	Units	Date	Date & Time	Initials
(1) EPA 8260B TCL Volatiles						
1,1-Dichloroethene		<1	ug/l		9/19/08	BD
1,2-Dichloroethene, Total		<1	ug/l		9/19/08	BD
Tetrachloroethene		<1	ug/l		9/19/08	BD
1,1,1-Trichloroethane		<1	ug/l		9/19/08	BD
Trichloroethene		1	ug/l		9/19/08	BD
Vinyl chloride		<1	ug/l		9/19/08	BD
Surrogate (1,2-DCA-d4)		115	%R		9/19/08	BD
Surrogate (Tol-d8)		91	%R		9/19/08	BD
Surrogate (4-BFB)		88	%R		9/19/08	BD

Life Science Laboratories, Inc.

Page 2 of 3

Date Printed: 9/23/08

Analysis performed at: (1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes, (6) LSL Brittonfield

- - LABORATORY ANALYSIS REPORT - -

Buck Engineering, LLC Cortland, NY

Sample ID: Trip Blank LSL Sample ID: 0817076-004
Location:
Sampled: 09/18/08 0:00 Sampled By:
Sample Matrix: TB

Analytical Method	Prep	Analysis	Analyst
Analyte	Date	Date & Time	Initials
(1) EPA 8260B TCL Volatiles			
1,1-Dichloroethene	<1 ug/l	9/19/08	BD
1,2-Dichloroethene, Total	<1 ug/l	9/19/08	BD
Tetrachloroethene	<1 ug/l	9/19/08	BD
1,1,1-Trichloroethane	<1 ug/l	9/19/08	BD
Trichloroethene	<1 ug/l	9/19/08	BD
Vinyl chloride	<1 ug/l	9/19/08	BD
Surrogate (1,2-DCA-d4)	114 %R	9/19/08	BD
Surrogate (Tol-d8)	91 %R	9/19/08	BD
Surrogate (4-BFB)	89 %R	9/19/08	BD

SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

<u>Method</u>	<u>Surrogate(s)</u>	<u>Water Limits, %R</u>	<u>SHW Limits, %R</u>
EPA 504	TCMX	80-120	NA
EPA 508	DCB	70-130	NA
EPA 515.4	DCAA	70-130	NA
EPA 524.2	1,2-DCA-d4, 4-BFB	80-120	NA
EPA 525.2	1,3-DM-2-NB, TPP, Per-d12	70-130	NA
EPA 526	1,3-DM-2-NB, TPP	70-130	NA
EPA 528	2-CP-3,4,5,6-d4, 2,4,6-TBP	70-130	NA
EPA 551.1	Decafluorobiphenyl	80-120	NA
EPA 552.2	2,3-DBPA	70-130	NA
EPA 601	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	NA
EPA 602	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	NA
EPA 608	TCMX, DCB	30-150	NA
EPA 624	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	NA
EPA 625, AE	2-Fluorophenol	21-110	NA
EPA 625, AE	Phenol-d5	10-110	NA
EPA 625, AE	2,4,6-Tribromophenol	10-123	NA
EPA 625, BN	Nitrobenzene-d5	35-114	NA
EPA 625, BN	2-Fluorobiphenyl	43-116	NA
EPA 625, BN	Terphenyl-d14	33-141	NA
EPA 8010	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8020	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8021	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8081	TCMX, DCB	30-150	30-150
EPA 8082	DCB	30-150	30-150
EPA 8151	DCAA	30-130	30-120
EPA 8260	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8270, AE	2-Fluorophenol	21-110	25-121
EPA 8270, AE	Phenol-d5	10-110	24-113
EPA 8270, AE	2,4,6-Tribromophenol	10-123	19-122
EPA 8270, BN	Nitrobenzene-d5	35-114	23-120
EPA 8270, BN	2-Fluorobiphenyl	43-116	30-115
EPA 8270, BN	Terphenyl-d14	33-141	18-137
DOH 310-13	Terphenyl-d14	40-110	40-110
DOH 310-14	Terphenyl-d14	40-110	40-110
DOH 310-15	Terphenyl-d14	40-110	40-110
DOH 310-34	4-BFB	50-150	50-150
DOH 313-4	DCB	NA	30-150
8015M_GRO	4-BFB	50-150	50-150
8015M_DRO	Terphenyl-d14	50-150	50-150

Units Key:	ug/l = microgram per liter
	ug/kg = microgram per kilogram
	mg/l = milligram per liter
	mg/kg = milligram per kilogram
	%R = Percent Recovery

