94-01
2-7-01

Delta Environmental Consultants, Inc.

6701 Carmel Road
Suite 303
Charlotte, North Carolina 28226-3901
U.S.A.
704/541-9890
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April 4, 2001

Carmen Johnson
Fac/Perm/Co ID # 94-01 | Date 9/20/12 | Doc ID# DIN

North Carolina Department of Environment,
and Natural Resources
Division of Waste Management
Solid Waste Section
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

Attention: Mr. Larry Rose
Hydrogeological Technician I

Subject: **Ground Water Analytical Results (February 2001)**
No. 3 Industrial Landfill, Cell 1A
Weyerhaeuser Company
Plymouth, North Carolina
Delta Project No. E096-007-1

Dear Mr. Rose:

The purpose of this letter is to provide you with the analytical results from the ground water monitoring at the referenced facility in February 2001. A site map is included as Figure 1.

Ground Water Sampling

Ground water samples were collected from monitoring wells LF-01, LF-01A, LF-06, LF-06A, LF-08, LF-09, LF-10, LF-11, and LF-12 on February 6, 2001 through February 7, 2001. Stream samples were collected from UPSTREAM and DOWNSTREAM2 on February 8, 2001. The samples were sent to General Engineering Laboratories, Inc. (GEL) to be analyzed for the parameters indicated in Table 1. Ground water samples were also sent to Paradigm Analytical Laboratories, Inc. (PAL) to be analyzed for dioxins using EPA Method 1613.

Summary of Results

Analytical summary tables for Groups 1a (field indicators) and 1b (laboratory indicators), Groups 2a (major constituents) and 2b (trace metals-filtered and unfiltered), Group 3 (volatile organics), and Group 4 (assessment monitoring parameters) are attached. The

summary tables include data from the June 2000, August 2000, and November 2000 sampling events. Copies of the analytical reports are attached.

The next sampling event is scheduled for May 2001. If you have any questions regarding this information, please call me at (704) 543-3928.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Richard E. Powell

Richard E. Powell, L.G.
Project Manager

REP/tlg

Enclosure

cc: Mr. Joe Kloeker, Weyerhaeuser Company

TABLE 1
PARAMETERS ANALYZED FOR LANDFILL #3
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

GROUP 1b - Laboratory Indicators

Parameter	Analytical Method	Laboratory
Chemical Oxygen Demand (COD)	EPA Method 410.4	GEL
Biological Oxygen Demand (BOD)	EPA Method 405.1	GEL
Turbidity	EPA Method 180.1	GEL
Color	EPA Method 110.2	GEL
Laboratory pH	EPA Method 150.1	GEL
Specific Conductance	EPA Method 120.1	GEL
Total Alkalinity (as CaCO3)	EPA Method 310.1	GEL
Total Dissolved Solids (TDS)	EPA Method 160.1	GEL
Total Organic Carbon (TOC)	EPA Method 415.1	GEL
Dissolved Organic Carbon (DOC)	EPA Method 415.1	GEL
Total Suspended Solids (TSS)	EPS Method 160.2	GEL

GROUP 2a - Major Constituents

Parameter	Analytical Method	Laboratory
Calcium	EPA Method 6010	GEL
Magnesium	EPA Method 6010	GEL
Sodium	EPA Method 6010	GEL
Potassium	EPA Method 6010	GEL
Chloride	EPA Method 300.0	GEL
Sulfate	EPA Method 300.0	GEL
Bicarbonate	SM 2320B	GEL
Carbonate	SM 2320B	GEL
Nitrate	EPA Method 300.0	GEL
Ammonia	EPA Method 350.1	GEL
Silica	EPA Method 6010	GEL
Phosphorous	EPA Method 365.4	GEL

GROUP 2b - Trace Metals

Parameter	Analytical Method	Laboratory
Antimony	EPA Method 6020	GEL
Arsenic	EPA Method 6020	GEL
Barium	EPA Method 6020	GEL
Beryllium	EPA Method 6020	GEL
Cadmium	EPA Method 6020	GEL
Chromium	EPA Method 6020	GEL
Hexavalent Chromium	EPA Method 7196A	GEL
Cobalt	EPA Method 6020	GEL
Copper	EPA Method 6020	GEL
Iron	EPA Method 6020	GEL
Lead	EPA Method 6020	GEL
Manganese	EPA Method 6020	GEL
Nickel	EPA Method 6020	GEL
Selenium	EPA Method 6020	GEL
Silver	EPA Method 6020	GEL
Strontium	EPA Method 6020	GEL
Thallium	EPA Method 6020	GEL
Vanadium	EPA Method 6020	GEL
Zinc	EPA Method 6020	GEL

BOD + COD RCRA metals + SO4 + Cl + VOCs + pH + Sp. Cond.

GROUP 3 - Volatile Organics

Parameter	Analytical Method	Laboratory
Volitile Organic Compounds (VOC)	EPA Method 8260	GEL

TABLE 1
PARAMETERS ANALYZED FOR LANDFILL #3
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

GROUP 4 - Assessment Monitoring Parameters

Parameter	Analytical Method	Laboratory
Dioxins	EPA Method 1613	PAL
Semi-volatile Organic Compounds (SV	EPA Method 8270	GEL
Mercury	EPA Method 7470	GEL
Cyanide	EPA Method 335.3	GEL
Nitrite	EPA Method 300.0	GEL
Flouride	EPA Method 300.0	GEL
Bromide	EPA Method 300.0	GEL
Gross Alpha	FPC, Gross A/B, liquid	GEL
Gross Beta	FPC, Gross A/B, liquid	GEL
Radon - 222	id Scint, Rn222, liquid	GEL
Radium - 226	as Cell, Ra226, liquid	GEL
Radium - 228	GFPC, Ra228, liquid	GEL
Uranium	Alphaspec U, liquid	GEL

Delta Environmental Consultants, Inc.

TITLE:
LANDFILL #3 SITE LOCATION MAP-FEBRUARY 2001
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA

DWN: EJS	DES.:	PROJECT NO.: E096-007
CHKD:	APPD:	FIGURE NO.: 1
DATE: 03/23/01	REV.:	

HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARIES

GROUP 1a
FIELD INDICATORS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA

DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	TIME	DEPTH	PH	SPECIFIC CONDUCTANCE umhos	TEMP C	PURGE VOLUME (Gallons)	TURBIDITY ntu	DISSOLVED OXYGEN
LF-01	6/29/2000	13:35	0.00	5.55	358	17.4	6.0	8.00	0.1
LF-01	8/16/2000	13:20	0.00	4.90	330	21.0	6.5	-	-
LF-01	8/23/2000	13:31	0.00	5.73	356	18.6	6.5	3.00	2.8
LF-01	11/7/2000	14:40	0.00	6.74	326	19.4	5.7	3.00	0.6
LF-01	2/7/2001	15:27	9.72	4.13	328	15.2	6.0	0.00	1.2
LF-01A	6/29/2000	13:30	0.00	5.14	15	18.2	6.0	15.30	0.3
LF-01A	8/16/2000	13:14	0.00	5.40	120	20.0	10.0	-	-
LF-01A	8/23/2000	14:30	0.00	6.59	116	17.1	9.9	2.00	0.1
LF-01A	11/7/2000	15:47	0.00	7.69	115	16.7	6.7	1.00	1.1
LF-01A	2/7/2001	14:51	0.00	4.13	329	15.2	6.1	0.00	1.2
LF-06	8/16/2000	10:18	0.00	4.90	90	21.0	6.1	-	-
LF-06	2/6/2001	10:21	10.64	4.74	85	13.6	3.1	4.00	1.9
LF-06A	8/16/2000	10:30	0.00	6.40	420	19.0	21.2	0.00	0.0
LF-06A	2/6/2001	11:05	27.01	6.76	313	16.3	13.0	7.00	22.5
LF-08	6/28/2000	13:20	0.00	5.56	114	18.7	12.0	63.30	0.0
LF-08	8/22/2000	10:42	0.00	6.50	96	16.7	0.0	2.00	3.3
LF-08	11/8/2000	10:16	0.00	7.82	98	16.7	4.7	0.00	0.5
LF-08	2/6/2001	12:35	28.87	5.34	94	16.9	6.9	1.00	0.1
LF-09	6/28/2000	15:05	0.00	5.14	157	22.3	2.5	68.20	3.0
LF-09	8/22/2000	11:49	0.00	6.27	118	17.1	0.0	2.00	5.5
LF-09	11/8/2000	10:59	0.00	6.71	107	19.2	3.0	2.00	0.4
LF-09	2/7/2001	08:45	27.47	4.47	111	16.5	1.7	2.00	2.0
LF-10	6/29/2000	08:40	0.00	4.84	133	16.5	13.0	1000.00	4.8
LF-10	8/22/2000	11:54	0.00	6.48	78	17.7	5.5	1100.00	5.9
LF-10	11/8/2000	14:50	0.00	7.28	59	19.3	4.5	113.00	2.8
LF-10	2/6/2001	13:30	17.50	5.13	63	17.1	3.9	63.00	2.1

GROUP 1a
FIELD INDICATORS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA

DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	TIME	DEPTH	PH	SPECIFIC CONDUCTANCE umhos	TEMP C	PURGE VOLUME (Gallons)	TURBIDITY ntu	DISSOLVED OXYGEN
LF-11	6/28/2000	09:10	0.00	4.93	131	17.8	4.5	319.00	3.9
LF-11	8/23/2000	10:08	0.00	6.25	107	19.5	0.0	5.00	1.7
LF-11	11/8/2000	16:15	0.00	7.13	95	19.2	1.4	25.00	1.9
LF-11	2/7/2001	10:35	1,436.00	4.86	78	14.8	4.5	34.00	3.4
LF-12	6/29/2000	11:15	0.00	4.98	68	16.4	5.0	9.70	4.5
LF-12	8/23/2000	11:23	0.00	6.33	77	18.1	2.3	9.00	0.1
LF-12	11/9/2000	12:15	0.00	7.29	76	18.7	0.3	9.00	1.9
LF-12	2/7/2001	11:10	22.18	4.74	79	15.6	2.3	7.00	1.4

GROUP 1b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
LABORATORY INDICATORS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	COD (mg/l)	BOD (mg/l)	Turbidity (ntu)	Color (APHA Units)	pH	Specific Conductivity (umhos)	Alkalinity (as CaCO3) (mg/l)
DOWNSTREAM2	02/08/2001	28.8	5.24	4.71	35.0	7.07	158	36.8
LF-01	06/29/2000	2.24	2.26	1.14	<5.00	4.97	315	1.89
LF-01	08/16/2000	<10	2.5	---	---	---	---	---
LF-01	08/23/2000	8.82	<4.00	0.800	<5.00	4.92	255	2.94
LF-01	11/07/2000	6.00	<4.00	(0.191)	<5.00	4.92	230	3.92
LF-01	02/07/2001	12.5	<4.00	0.540	<5.00	4.76	273	<2.00
LF-01A	06/29/2000	5.87	2.30	5.19	15.0	5.86	106	10.4
LF-01A	08/16/2000	<10	<2.0	---	---	---	---	---
LF-01A	08/23/2000	5.30	<4.00	3.80	5.00	5.62	85.5	12.7
LF-01A	11/07/2000	<5.00	<4.00	1.07	5.00	6.74	83.2	12.7
LF-01A	02/07/2001	(4.19)	<4.00	0.910	<5.00	5.80	95.6	5.97
LF-06	08/16/2000	11	<2.0	---	---	---	---	---
LF-06	02/06/2001	<5.00	4.78	<0.200	<5.00	5.33	68.8	4.98
LF-06A	08/16/2000	11	<2.0	---	---	---	---	---
LF-06A	02/06/2001	(4.32)	<4.00	27.2	30.0	7.10	242	120
LF-08	06/28/2000	<1.06	2.54	0.493	<5.00	5.87	90.7	16.2
LF-08	08/16/2000	14	<2.0	---	---	---	---	---
LF-08	08/22/2000	(1.07)	<4.00	2.00	<5.00	5.76	64.6	9.80
LF-08	11/09/2000	(1.78)	<4.00	2.54	<5.00	7.89	62.0	18.6
LF-08	02/06/2001	7.51	(3.52)	0.210	<5.00	5.95	66.9	11.9

()=Less than Reporting Limit ---=Not analyzed

GROUP 1b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
LABORATORY INDICATORS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	COD (mg/l)	BOD (mg/l)	Turbidity (ntu)	Color (APHA Units)	pH	Specific Conductivity (umhos)	Alkalinity (as CaCO3) (mg/l)
LF-09	06/28/2000	12.0	2.70	5.38	20.0	6.06	109	26.9
LF-09	08/22/2000	13.4	<4.00	8.40	140	6.10	107	42.1
LF-09	11/08/2000	(2.48)	<4.00	2.44	5	6.04	80.9	13.7
LF-09	02/07/2001	(3.53)	<4.00	1.08	<5.00	---	96.5	12.9
LF-10	06/29/2000	<1.06	2.08	79.4	10.0	5.75	93.6	16.1
LF-10	08/22/2000	<5.00	<4.00	39.5	10.0	5.81	54.7	15.7
LF-10	11/08/2000	(1.08)	<4.00	84.5	<5.00	5.84	45.6	15.7
LF-10	02/06/2001	7.51	(3.84)	55.7	<5.00	5.70	58.0	15.9
LF-11	06/29/2000	7.68	2.00	3.78	5.00	5.42	121	12.3
LF-11	08/23/2000	5.30	<4.00	3.70	<5.00	5.09	77.3	8.82
LF-11	11/08/2000	5.65	<4.00	16.7	5.00	5.66	61.7	12.7
LF-11	02/07/2001	5.85	<4.00	16.8	<5.00	5.49	58	7.96
LF-12	06/29/2000	16.4	2.10	23.1	20.0	5.82	71.1	18
LF-12	08/23/2000	5.30	<4.00	10.6	10.0	5.41	51.5	11.8
LF-12	11/09/2000	<5.00	<4.00	4.02	5	7.88	57.6	10.8
LF-12	02/07/2001	5.85	<4.00	11.8	<5.00	5.47	64.3	10.9
UPSTREAM	08/16/2000	32	<2.0	---	---	---	---	---
UPSTREAM	02/08/2001	18.5	(2.85)	3.14	30.0	6.58	112	24.9

()=Less than Reporting Limit ---=Not analyzed

GROUP 1b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
LABORATORY INDICATORS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	TDS (mg/l)	TOC (mg/l)	Dissolved Organic Carbon (mg/l)	TSS (mg/l)
DOWNSTREAM2	02/08/2001	121	8.53	12.9	(6.00)
LF-01	06/29/2000	223	0.953	1.32	<0.699
LF-01	08/16/2000	---	1.18	---	223
LF-01	08/23/2000	202	1.52	2.05	(2.20)
LF-01	11/07/2000	201	1.45	4.08	<5.00
LF-01	02/07/2001	207	1.29	1.70	<5.00
LF-01A	06/29/2000	101	0.322	0.932	2.20
LF-01A	08/16/2000	---	1.01	---	97
LF-01A	08/23/2000	81.0	0.821	2.86	(1.60)
LF-01A	11/07/2000	103	0.702	(0.104)	<5.00
LF-01A	02/07/2001	103	0.394	0.584	<5.56
LF-06	08/16/2000	---	1.58	---	62
LF-06	02/06/2001	62.0	0.824	1.52	<5.00
LF-06A	08/16/2000	---	1.08	---	179
LF-06A	02/06/2001	198	1.12	7.57	6.67
LF-08	06/28/2000	92	0.196	0.532	0.889
LF-08	08/16/2000	---	<1.00	---	79
LF-08	08/22/2000	80.0	0.817	7.75	(4.00)
LF-08	11/09/2000	82.0	(0.0645)	0.328	(3.60)
LF-08	02/06/2001	82.0	1.69	7.76	<5.00

()=Less than Reporting Limit ---=Not analyzed

GROUP 1b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
LABORATORY INDICATORS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	TDS (mg/l)	TOC (mg/l)	Dissolved Organic Carbon (mg/l)	TSS (mg/l)
LF-09	06/28/2000	126	5.61	9.84	6.00
LF-09	08/22/2000	139	4.29	6.96	15.5
LF-09	11/08/2000	118	0.555	---	(4.80)
LF-09	02/07/2001	131	1.91	13.1	<5.00
LF-10	06/29/2000	131	1.03	1.77	28.8
LF-10	08/22/2000	71.0	1.53	1.64	21.6
LF-10	11/08/2000	89.0	0.828	4.15	52.3
LF-10	02/06/2001	90.0	1.64	12.5	12.2
LF-11	06/29/2000	100	0.987	1.67	0.800
LF-11	08/23/2000	77.0	1.44	7.70	<5.00
LF-11	11/08/2000	80.0	0.773	1.02	12.2
LF-11	02/07/2001	71.0	1.55	7.52	8.00
LF-12	06/29/2000	95	0.999	1.47	8.25
LF-12	08/23/2000	58.0	0.909	1.37	7.20
LF-12	11/09/2000	76.0	1.30	0.345	(1.60)
LF-12	02/07/2001	87.0	0.835	1.68	(3.80)
UPSTREAM	08/16/2000	---	14.29	---	84
UPSTREAM	02/08/2001	92.0	6.68	17.0	(0.800)

()=Less than Reporting Limit ---=Not analyzed

GROUP 2a
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
MAJOR CONSTITUENTS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Calcium (mg/l)	Magnesium (mg/l)	Sodium (mg/l)	Potassium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Bicarbonate (as CaCO3) (mg/l)
NCAC-2L						250	250	
DOWNSTREAM2	02/08/2001	12.1	2.9	14.0	2.6	17.3	18.1	36.8
LF-01	06/29/2000	10.4	7.21	25.5	3.47	41.9	82.9	1.89
LF-01	08/16/2000	---	---	---	---	71	86.3	---
LF-01	08/23/2000	10.7	7.4	28.2	3.0	44.6	78.5	2.94
LF-01	11/07/2000	11.2	8.7	17.7	2.8	27.0	85.6	3.92
LF-01	02/07/2001	12.7	8.2	16.2	2.5	26.9	105	<2.00
LF-01A	06/29/2000	4.86	2.23	7.64	1.45	6.23	26.1	10.4
LF-01A	08/16/2000	---	---	---	---	37	23.3	---
LF-01A	08/23/2000	5.2	2.4	8.0	1.6	6.12	26.8	12.7
LF-01A	11/07/2000	4.6	2.4	7.3	1.5	6.14	26.8	12.7
LF-01A	02/07/2001	5.0	2.3	7.3	1.5	6.41	27.8	5.97
LF-06	08/16/2000	---	---	---	---	11	15.6	---
LF-06	02/06/2001	3.9	2.3	7.6	1.5	5.74	20.1	4.97
LF-06A	08/16/2000	---	---	---	---	15	12.1	---
LF-06A	02/06/2001	42.9	3.0	9.9	1.9	6.48	12.6	120
LF-07	08/16/2000	---	---	---	---	53	110.6	---
LF-08	06/28/2000	3.02	1.52	(8.61)	1.23	7.98	11.4	16.2
LF-08	08/16/2000	---	---	---	---	14	11.8	---
LF-08	08/22/2000	2.9	1.5	8.8	1.3	8.00	11.5	9.80

()=Less than Reporting Limit ---=Not analyzed

GROUP 2a
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
MAJOR CONSTITUENTS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Calcium (mg/l)	Magnesium (mg/l)	Sodium (mg/l)	Potassium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Bicarbonate (as CaCO3) (mg/l)
NCAC-2L						250	250	
LF-08	11/09/2000	3.0	1.6	9.4	1.2	7.72	11.4	18.6
LF-08	02/06/2001	2.9	1.4	8.6	1.4	7.51	10.7	11.9
LF-09	06/28/2000	3.05	3.18	9.09	2.46	8.32	15.2	26.9
LF-09	08/22/2000	7.4	4.5	10.1	2.7	7.26	16.3	42.1
LF-09	11/08/2000	4.0	2.3	10	2.4	7.17	24.2	13.7
LF-09	02/07/2001	3.2	2.1	9.6	2.0	6.21	27.2	12.9
LF-10	06/29/2000	1.93	1.44	16.2	0.891	10.7	7.48	16.1
LF-10	08/22/2000	1.4	1.0	11.6	0.71	6.07	10.2	15.7
LF-10	11/08/2000	1.4	1.2	9.3	0.80	3.96	5.31	15.7
LF-10	02/06/2001	2.0	1.6	9.2	1.1	5.99	5.52	15.9
LF-11	06/29/2000	2.15	2.29	17	1.01	16.6	32.6	12.3
LF-11	08/23/2000	2.0	2.1	14.4	0.88	13.5	13.1	8.82
LF-11	11/08/2000	1.7	1.6	10.6	0.80	8.59	11.6	12.7
LF-11	02/07/2001	1.7	1.6	8.1	(0.020)	5.75	11.5	7.96
LF-12	06/29/2000	7.88	1.76	9.23	0.852	0.0060	0.0045	18.0
LF-12	08/23/2000	3.0	0.99	9.0	0.65	7.66	2.59	11.8
LF-12	11/09/2000	2.7	1.1	10.4	0.66	9.47	1.07	10.8
LF-12	02/07/2001	2.5	1.1	9.3	0.66	9.46	1.36	10.9
UPSTREAM	08/16/2000	---	---	---	---	63	7.9	---

()=Less than Reporting Limit ---=Not analyzed

GROUP 2a
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
MAJOR CONSTITUENTS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Calcium (mg/l)	Magnesium (mg/l)	Sodium (mg/l)	Potassium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Bicarbonate (as CaCO3) (mg/l)
NCAC-2L						250	250	
UPSTREAM	02/08/2001	12.1	2.4	6.9	1.8	12.9	13.0	24.9

---=Not analyzed

GROUP 2a
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
MAJOR CONSTITUENTS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Nitrate (mg/l)	Ammonia (as N) (mg/l)	Silica (mg/l)	Phosphorus, total (mg/l)
NCAC-2L		10			
DOWNSTREAM2	02/08/2001	<0.050	<0.050	9.9	<0.050
LF-01	06/29/2000	<0.020	<0.029	18	0.020
LF-01	08/16/2000	<0.04	---	---	---
LF-01	08/23/2000	<0.050	<0.050	19	(0.020)
LF-01	11/07/2000	0.249	0.400	18	(0.020)
LF-01	02/07/2001	<0.050	<0.050	16	<0.050
LF-01A	06/29/2000	0.281	<0.029	33	0.060
LF-01A	08/16/2000	0.07	---	---	---
LF-01A	08/23/2000	0.189	<0.050	34	(0.020)
LF-01A	11/07/2000	0.253	2.35	32	(0.040)
LF-01A	02/07/2001	0.170	<0.050	31	<0.050
LF-06	08/16/2000	0.05	---	---	---
LF-06	02/06/2001	0.134	<0.050	14	<0.050
LF-06A	08/16/2000	<0.04	---	---	---
LF-06A	02/06/2001	<0.050	<0.050	32	(0.020)
LF-07	08/16/2000	<0.04	---	---	---
LF-08	06/28/2000	<0.050	<0.029	37	0.080
LF-08	08/16/2000	<0.04	---	---	---
LF-08	08/22/2000	<0.050	<0.050	35	0.110

()=Less than Reporting Limit ---=Not analyzed

GROUP 2a
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
MAJOR CONSTITUENTS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Nitrate (mg/l)	Ammonia (as N) (mg/l)	Silica (mg/l)	Phosphorus, total (mg/l)
NCAC-2L		10			
LF-08	11/09/2000	<0.050	<0.050	37	(0.040)
LF-08	02/06/2001	0.217	<0.050	37	(0.020)
LF-09	06/28/2000	<0.020	<0.000029	51.9	0.040
LF-09	08/22/2000	<0.050	<0.050	51	0.050
LF-09	11/08/2000	0.175	<0.050	58	(0.030)
LF-09	02/07/2001	0.670	<0.050	64	<0.050
LF-10	06/29/2000	0.128	<0.029	32	0.020
LF-10	08/22/2000	0.178	<0.050	34	0.060
LF-10	11/08/2000	0.080	<0.050	42	<0.050
LF-10	02/06/2001	0.107	<0.050	53	<0.050
LF-11	06/29/2000	0.845	<0.029	25	0.020
LF-11	08/23/2000	0.497	<0.050	29	(0.020)
LF-11	11/08/2000	0.328	<0.050	29	<0.050
LF-11	02/07/2001	0.648	<0.050	29	<0.050
LF-12	06/29/2000	0.00037	<0.029	34	0.020
LF-12	08/23/2000	1.07	<0.050	36	(0.020)
LF-12	11/09/2000	2.29	<0.050	36	<0.050
LF-12	02/07/2001	2.01	<0.050	37	<0.050
UPSTREAM	08/16/2000	<0.04	---	---	---

()=Less than Reporting Limit ---=Not analyzed

GROUP 2a
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
MAJOR CONSTITUENTS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Nitrate (mg/l)	Ammonia (as N) (mg/l)	Silica (mg/l)	Phosphorus, total (mg/l)
NCAC-2L		10			
UPSTREAM	02/08/2001	0.067	<0.050	12	<0.050

---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Cobalt (mg/l)
NCAC-2L			0.050	2.0		0.0050	0.050	
DOWNSTREAM2	02/08/2001	(0.00037)	(0.00047)	0.042	<0.00020	(0.00038)	(0.0017)	(0.00064)
LF-01	06/29/2000	<0.000111	0.00177	0.0522	0.000703	<0.00005	0.00205	0.00276
LF-01	08/16/2000	---	<0.010	<0.500	---	<0.001	---	---
LF-01	08/23/2000	<0.0020	(0.00048)	0.070	0.00062	<0.0010	0.0044	0.0025
LF-01	11/07/2000	(0.00042)	(0.00075)	0.060	(0.00019)	<0.0010	(0.0025)	(0.00084)
LF-01	02/07/2001	<0.010	(0.0029)	0.044	(0.00081)	<0.0050	(0.0048)	0.0061
LF-01A	06/29/2000	<0.000111	0.00111	0.0585	0.000161	0.000067	0.00307	0.000882
LF-01A	08/16/2000	---	<0.010	<0.500	---	<0.001	---	---
LF-01A	08/23/2000	<0.0020	(0.00034)	0.062	(0.00013)	<0.0010	(0.0024)	(0.00083)
LF-01A	11/07/2000	(0.00014)	(0.0014)	0.038	0.00072	<0.0010	(0.0028)	0.0038
LF-01A	02/07/2001	<0.010	(0.0032)	0.060	(0.00018)	<0.0050	<0.015	<0.0050
LF-06	08/16/2000	---	<0.010	<0.500	---	<0.001	---	---
LF-06	02/06/2001	<0.0020	(0.0018)	0.037	0.00021	<0.0010	(0.0028)	0.0025
LF-06A	08/16/2000	---	<0.010	<0.500	---	<0.001	---	---
LF-06A	02/06/2001	(0.00013)	(0.0012)	0.038	(0.00010)	<0.0010	(0.00097)	(0.00014)
LF-07	08/16/2000	---	<0.010	<0.500	---	<0.001	---	---
LF-08	06/28/2000	0.000299	0.00264	0.0471	0.000053	<0.00005	0.00242	0.00138
LF-08	08/16/2000	---	<0.010	<0.500	---	<0.001	---	---
LF-08	08/22/2000	<0.0020	(0.0010)	0.045	(0.000064)	<0.0010	0.0033	0.0014

()=Less than Reporting Limit ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Cobalt (mg/l)
NCAC-2L			0.050	2.0		0.0050	0.050	
LF-08	11/09/2000	(0.00025)	(0.0010)	0.045	(0.000058)	<0.0010	0.0041	0.0011
LF-08	02/06/2001	<0.0020	(0.00093)	0.048	(0.000093)	<0.0010	(0.0013)	(0.00093)
LF-09	06/28/2000	<0.000111	0.00213	0.0859	<0.000034	0.00014	(0.000292)	0.0147
LF-09	08/22/2000	<0.0020	(0.0016)	0.14	<0.00020	<0.0010	0.0042	0.018
LF-09	11/08/2000	(0.00016)	(0.0014)	0.13	0.00025	(0.00011)	(0.0024)	0.016
LF-09	02/07/2001	<0.010	(0.0035)	0.12	(0.00083)	<0.0050	<0.015	0.015
LF-10	06/29/2000	<0.000111	0.00165	0.029	0.000157	0.000268	0.0056	0.044
LF-10	08/22/2000	<0.0020	(0.00073)	0.018	(0.000076)	<0.0010	0.0064	0.0026
LF-10	11/08/2000	(0.00016)	(0.0024)	0.037	0.00025	<0.0010	0.0072	0.0040
LF-10	02/06/2001	(0.00028)	(0.0021)	0.028	(0.00019)	<0.0010	0.0047	0.0050
LF-11	06/29/2000	<0.000111	0.00164	0.0443	0.000184	0.000189	0.00348	0.00569
LF-11	08/23/2000	<0.0020	<0.0030	0.043	0.00021	<0.0010	0.0034	0.0047
LF-11	11/08/2000	(0.00011)	(0.0017)	0.031	0.00020	<0.0010	(0.0025)	0.0057
LF-11	02/07/2001	<0.0020	(0.0025)	0.033	(0.00028)	<0.0050	(0.0056)	0.0052
LF-12	06/29/2000	<0.000111	0.00134	0.018	0.00014	<0.00005	0.00554	0.00295
LF-12	08/23/2000	<0.0020	<0.0030	0.020	(0.000066)	<0.0010	0.0042	0.0036
LF-12	11/09/2000	(0.00015)	(0.0014)	0.022	(0.00014)	<0.0010	0.0076	0.0045
LF-12	02/07/2001	<0.010	<0.015	0.027	(0.00018)	<0.0050	(0.0050)	(0.0042)
UPSTREAM	08/16/2000	---	<0.010	<0.500	---	<0.001	---	---

()=Less than Reporting Limit ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Cobalt (mg/l)
NCAC-2L			0.050	2.0		0.0050	0.050	
UPSTREAM	02/08/2001	(0.00013)	(0.00036)	0.042	(0.000093)	(0.00040)	(0.0012)	0.0010

---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Strontium (mg/l)
NCAC-2L		1.0	0.30	0.015	0.050	0.10	0.050	
DOWNSTREAM2	02/08/2001	(0.00083)	[0.79]	(0.00062)	[0.050]	(0.0014)	(0.00056)	0.11
LF-01	06/29/2000	<0.00118	[17.6]	<0.000077	[0.252]	0.00339	<0.000218	0.230
LF-01	08/16/2000	<0.200	[18.525]	<0.010	[0.240]	---	<0.020	---
LF-01	08/23/2000	<0.0020	[16.5]	<0.0020	[0.23]	0.0033	<0.0030	0.20
LF-01	11/07/2000	<0.0020	[5.1]	<0.0020	[0.20]	0.0036	<0.0030	0.073
LF-01	02/07/2001	<0.0050	[19.8]	<0.010	[0.26]	(0.0073)	<0.025	0.25
LF-01A	06/29/2000	<0.00118	[6.32]	0.000179	[0.228]	0.00319	<0.000218	0.0786
LF-01A	08/16/2000	<0.200	[5.672]	<0.010	[0.229]	---	<0.020	---
LF-01A	08/23/2000	<0.0020	[5.7]	<0.0020	[0.22]	0.0034	<0.0030	0.072
LF-01A	11/07/2000	<0.0020	[16.9]	<0.0020	[0.25]	0.0051	(0.00050)	0.23
LF-01A	02/07/2001	<0.0050	[6.0]	<0.010	[0.23]	(0.0031)	<0.025	0.081
LF-06	08/16/2000	<0.200	[3.726]	<0.010	0.035	---	<0.020	---
LF-06	02/06/2001	0.0015	0.058	<0.0020	0.0060	0.0061	(0.00026)	0.064
LF-06A	08/16/2000	<0.200	[4.518]	<0.010	[0.194]	---	<0.020	---
LF-06A	02/06/2001	(0.00077)	[2.7]	(0.00019)	[0.12]	(0.00061)	(0.00028)	0.39
LF-07	08/16/2000	<0.200	[8.638]	<0.010	[0.127]	---	<0.020	---
LF-08	06/28/2000	<0.00118	[5.13]	0.000329	[0.319]	0.00098	0.000311	0.0345
LF-08	08/16/2000	<0.200	[7.224]	<0.010	[0.376]	---	<0.020	---
LF-08	08/22/2000	<0.0020	[4.8]	(0.00020)	[0.28]	0.0020	<0.0030	0.034

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Strontium (mg/l)
NCAC-2L		1.0	0.30	0.015	0.050	0.10	0.050	
LF-08	11/09/2000	<0.0020	[5.7]	(0.00053)	[0.28]	(0.00089)	(0.00032)	0.033
LF-08	02/06/2001	<0.0010	[5.7]	(0.000085)	[0.34]	(0.0011)	<0.0050	0.032
LF-09	06/28/2000	<0.00118	[8.62]	<0.000077	[1.14]	0.0136	<0.000218	0.0562
LF-09	08/22/2000	0.0033	[8.0]	(0.00077)	[1.6]	0.012	<0.0030	0.074
LF-09	11/08/2000	<0.0020	[1.1]	(0.00024)	[0.72]	0.015	(0.00070)	0.043
LF-09	02/07/2001	<0.0050	[0.43]	<0.010	[0.70]	0.011	<0.025	(0.042)
LF-10	06/29/2000	<0.00118	[1.71]	0.000928	[0.106]	0.00278	<0.000218	0.0279
LF-10	08/22/2000	<0.0020	[1.1]	(0.00071)	[0.068]	(0.0019)	<0.0030	0.016
LF-10	11/08/2000	(0.0018)	[2.8]	(0.0017)	[0.10]	0.0032	<0.0030	0.021
LF-10	02/06/2001	(0.0015)	[3.0]	(0.0011)	[0.16]	0.0034	<0.0030	0.023
LF-11	06/29/2000	<0.00118	0.143	<0.000077	[0.0892]	0.00318	<0.000218	0.0397
LF-11	08/23/2000	<0.0020	0.19	0.0021	[0.069]	0.0030	<0.0030	0.031
LF-11	11/08/2000	<0.0020	[0.50]	<0.0020	[0.10]	0.0030	<0.0030	0.028
LF-11	02/07/2001	<0.0050	[1.3]	<0.010	[0.099]	(0.0026)	<0.0050	(0.027)
LF-12	06/29/2000	<0.00118	[2.60]	0.000563	0.0396	0.0025	0.000343	0.0345
LF-12	08/23/2000	<0.0020	[0.41]	<0.0020	0.018	0.0035	(0.00058)	0.030
LF-12	11/09/2000	<0.0020	0.12	(0.00014)	0.0080	0.0046	(0.00067)	0.035
LF-12	02/07/2001	<0.0050	[0.47]	<0.010	[1.1]	(0.0037)	<0.025	(0.040)
UPSTREAM	08/16/2000	<0.200	[1.940]	<0.010	---	---	<0.020	---

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Strontium (mg/l)
NCAC-2L		1.0	0.30	0.015	0.050	0.10	0.050	
UPSTREAM	02/08/2001	(0.00063)	[0.82]	(0.00064)	0.034	(0.0014)	(0.00043)	0.11

---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Thallium (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Chromium (Hexavalent) (mg/l)
NCAC-2L				2.1	
DOWNSTREAM2	02/08/2001	(0.00048)	(0.0015)	(0.0049)	0.115
LF-01	06/29/2000	<0.000014	0.00265	0.00683	0.003
LF-01	08/16/2000	---	---	<0.050	---
LF-01	08/23/2000	<0.00050	(0.0014)	(0.0057)	<0.050
LF-01	11/07/2000	(0.00047)	(0.00068)	0.021	<0.010
LF-01	02/07/2001	<0.0025	(0.014)	(0.029)	<0.010
LF-01A	06/29/2000	<0.000014	0.00302	0.0166	0.006
LF-01A	08/16/2000	---	---	<0.050	---
LF-01A	08/23/2000	<0.00050	(0.0013)	0.014	(0.002)
LF-01A	11/07/2000	(0.00022)	(0.0019)	0.012	<0.010
LF-01A	02/07/2001	<0.0025	(0.0050)	(0.018)	<0.010
LF-06	08/16/2000	---	---	<0.050	---
LF-06	02/06/2001	(0.00029)	<0.010	0.011	(0.009)
LF-06A	08/16/2000	---	---	<0.050	---
LF-06A	02/06/2001	(0.00048)	<0.010	(0.0031)	(0.009)
LF-07	08/16/2000	---	---	0.064	---
LF-08	06/28/2000	0.000597	0.000452	0.014	<0.002
LF-08	08/16/2000	---	---	<0.050	---
LF-08	08/22/2000	0.00079	(0.0011)	0.014	(0.005)

()=Less than Reporting Limit ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Thallium (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Chromium (Hexavalent) (mg/l)
NCAC-2L				2.1	
LF-08	11/09/2000	(0.00031)	(0.0028)	0.012	(0.002)
LF-08	02/06/2001	<0.00050	(0.00089)	0.011	(0.007)
LF-09	06/28/2000	<0.000014	0.00196	0.0187	---
LF-09	08/22/2000	(0.00028)	(0.0011)	0.012	0.014
LF-09	11/08/2000	(0.00016)	(0.0034)	0.025	<0.010
LF-09	02/07/2001	(0.0020)	(0.0060)	(0.023)	<0.010
LF-10	06/29/2000	<0.000014	0.00628	0.00755	<0.002
LF-10	08/22/2000	(0.00017)	(0.0048)	(0.0053)	(0.005)
LF-10	11/08/2000	<0.00050	0.010	0.010	<0.010
LF-10	02/06/2001	<0.00050	(0.0062)	(0.0085)	<0.010
LF-11	06/29/2000	<0.000014	0.00317	0.00958	0.009
LF-11	08/23/2000	<0.00050	(0.0016)	(0.0068)	(0.002)
LF-11	11/08/2000	<0.00050	(0.0019)	(0.0076)	<0.010
LF-11	02/07/2001	(0.00020)	(0.0048)	(0.011)	<0.010
LF-12	06/29/2000	<0.000014	0.00622	0.00742	0.045
LF-12	08/23/2000	<0.00050	(0.0022)	(0.0077)	<0.010
LF-12	11/09/2000	(0.00044)	(0.0045)	0.011	(0.003)
LF-12	02/07/2001	<0.0025	(0.0044)	(0.010)	0.10
UPSTREAM	08/16/2000	---	---	<0.050	---

()=Less than Reporting Limit ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Thallium (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Chromium (Hexavalent) (mg/l)
NCAC-2L				2.1	
UPSTREAM	02/08/2001	0.00091	(0.0014)	(0.0042)	0.015

---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS-FILTERED
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Calcium (mg/l)	Chromium (mg/l)
NCAC-2L			0.050	2.0		0.0050		0.050
DOWNSTREAM2	02/08/2001	(0.00017)	(0.00045)	0.042	(0.000036)	(0.00036)	12.6	(0.0020)
LF-01	06/29/2000	(0.000147)	(0.00189)	0.166	0.000781	<0.00100	11.6	(0.00244)
LF-01	08/23/2000	(0.0016)	(0.0012)	0.36	(0.00017)	<0.0010	12.4	0.0039
LF-01	11/07/2000	(0.00061)	(0.0011)	0.29	0.00099	<0.0010	11.3	0.0032
LF-01	02/07/2001	(0.0012)	(0.0023)	0.22	(0.00021)	<0.0050	14.7	(0.0056)
LF-01A	06/29/2000	(0.000235)	(0.0016)	0.111	(0.000125)	(0.00029)	5.37	0.00304
LF-01A	08/23/2000	(0.00017)	<0.0030	0.17	(0.000071)	<0.0010	5.4	(0.0025)
LF-01A	11/07/2000	(0.00027)	(0.00060)	0.085	(0.00017)	<0.0010	4.6	(0.0020)
LF-01A	02/07/2001	<0.010	(0.0047)	0.14	<0.0010	<0.0050	5.3	<0.015
LF-06	02/06/2001	(0.0017)	(0.0011)	0.19	<0.00020	<0.0010	4.8	(0.0024)
LF-06A	02/06/2001	(0.00031)	(0.00058)	0.25	(0.000045)	<0.0010	45.0	<0.0030
LF-08	06/28/2000	(0.000229)	0.003	0.0785	(0.000082)	<0.001	3.02	(0.002949)
LF-08	08/22/2000	(0.00071)	(0.00041)	0.24	<0.00020	<0.0010	3.0	(0.0028)
LF-08	11/09/2000	(0.0015)	(0.00048)	0.46	<0.00020	<0.0010	4.0	<0.0030
LF-08	02/06/2001	(0.00092)	(0.00099)	0.26	(0.000043)	<0.0010	3.0	(0.0012)
LF-09	06/28/2000	(0.000422)	(0.00145)	0.161	(0.000051)	(0.000197)	5.44	0.00307
LF-09	08/22/2000	(0.00047)	(0.00097)	0.32	<0.00020	<0.0010	6.0	0.0030
LF-09	02/07/2001	(0.0024)	(0.0025)	0.35	<0.0010	<0.0050	5.6	<0.015
LF-10	06/29/2000	(0.000678)	(0.0016)	0.440	<0.000200	(0.000109)	1.83	0.00406

()=Less than Reporting Limit ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS-FILTERED
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Calcium (mg/l)	Chromium (mg/l)
NCAC-2L			0.050	2.0		0.0050		0.050
LF-10	08/22/2000	0.0020	<0.0030	0.22	<0.00020	<0.0010	2.4	0.0040
LF-10	11/08/2000	(0.00071)	(0.0013)	0.23	(0.000058)	<0.0010	1.5	(0.0024)
LF-10	02/06/2001	(0.00088)	(0.0017)	0.40	(0.000034)	<0.0010	2.0	(0.0021)
LF-11	06/29/2000	(0.00142)	(0.00147)	0.224	0.000214	0.00132	2.19	0.00356
LF-11	08/23/2000	(0.00057)	<0.0030	0.28	(0.00017)	<0.0010	2.2	0.0030
LF-11	11/08/2000	0.0037	(0.0014)	0.41	<0.00020	<0.0010	2.2	(0.0021)
LF-11	02/07/2001	(0.0010)	(0.0024)	0.19	<0.0010	<0.0050	1.9	(0.0035)
LF-12	06/29/2000	(0.000234)	(0.000957)	0.0965	<0.000200	(0.000083)	5.73	0.00379
LF-12	08/23/2000	0.0035	(0.0011)	0.45	<0.00020	<0.0010	3.8	0.0040
LF-12	11/09/2000	0.0033	(0.00048)	0.48	<0.00020	<0.0010	2.8	0.0053
LF-12	02/07/2001	(0.0022)	(0.0039)	0.26	<0.0010	<0.0050	3.8	(0.0050)
UPSTREAM	02/08/2001	<0.0020	(0.00060)	0.043	(0.000043)	(0.00036)	12.1	(0.0014)

()=Less than Reporting Limit ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS-FILTERED
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Magnesium (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Potassium (mg/l)
NCAC-2L			1.0	0.30		0.050	0.10	
DOWNSTREAM2	02/08/2001	(0.00069)	(0.00084)	[0.84]	3.0	[0.054]	(0.0014)	3.0
LF-01	06/29/2000	0.00277	<0.00200	[17.6]	7.56	[0.254]	0.00329	2.70
LF-01	08/23/2000	0.0024	<0.0020	[15.2]	7.8	<0.0050	0.0035	2.8
LF-01	11/07/2000	0.0036	<0.0020	[16.7]	9.0	[0.24]	0.0048	2.8
LF-01	02/07/2001	0.0060	<0.0050	[19.3]	8.6	[0.26]	(0.0071)	1.6
LF-01A	06/29/2000	(0.000678)	(0.0019)	[6.45]	2.28	[0.258]	0.00228	0.475
LF-01A	08/23/2000	(0.00087)	<0.0020	[5.2]	0.21	[0.21]	0.0038	1.8
LF-01A	11/07/2000	(0.00086)	<0.0020	[4.9]	2.4	[0.20]	0.0036	1.4
LF-01A	02/07/2001	(0.000095)	<0.0050	[5.8]	2.5	[0.23]	(0.0029)	1.7
LF-06	02/06/2001	0.0017	(0.00081)	(0.014)	2.2	0.0059	0.0021	0.53
LF-06A	02/06/2001	(0.000059)	<0.0020	[2.4]	3.1	[0.11]	(0.00048)	1.9
LF-08	06/28/2000	0.00129	<0.002	[5.50]	1.53	[0.335]	(0.000893)	1.18
LF-08	08/22/2000	0.0014	<0.0020	[4.8]	1.5	[0.29]	(0.0019)	1.2
LF-08	11/09/2000	(0.00080)	<0.0020	[4.5]	1.5	[0.25]	(0.0014)	0.67
LF-08	02/06/2001	(0.00091)	(0.0013)	[5.5]	1.5	[0.32]	0.0022	1.2
LF-09	06/28/2000	0.0146	0.00225	[7.75]	2.85	[1.01]	0.0131	2.25
LF-09	08/22/2000	0.017	<0.0020	[4.7]	3.5	[1.2]	0.013	2.7
LF-09	02/07/2001	0.019	<0.0050	[3.3]	3.1	[1.3]	0.013	2.5
LF-10	06/29/2000	0.0038	<0.00200	[0.764]	1.28	[0.0937]	0.00208	0.784

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS-FILTERED
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Cobalt (mg/l)	Copper (mg/l)	Iron (mg/l)	Magnesium (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Potassium (mg/l)
NCAC-2L			1.0	0.30		0.050	0.10	
LF-10	08/22/2000	0.0013	<0.0020	0.26	0.88	0.037	(0.0010)	0.49
LF-10	11/08/2000	0.0030	(0.0016)	[1.1]	1.0	[0.084]	0.0022	0.68
LF-10	02/06/2001	0.0042	(0.0012)	[1.6]	1.3	[0.14]	0.0026	0.62
LF-11	06/29/2000	0.00591	<0.00200	0.0483	2.39	[0.0909]	0.0032	1.07
LF-11	08/23/2000	0.0051	<0.0020	0.049	2.2	[0.078]	0.0032	1.1
LF-11	11/08/2000	0.0039	0.011	0.18	1.5	[0.072]	0.0024	1.1
LF-11	02/07/2001	<0.0050	<0.0050	[0.44]	1.6	[0.097]	(0.0022)	0.63
LF-12	06/29/2000	0.00301	<0.00200	[1.38]	1.36	0.0409	0.00248	0.549
LF-12	08/23/2000	0.0028	<0.0020	0.18	1.0	0.016	0.0029	0.67
LF-12	11/09/2000	0.0033	<0.0020	0.058	0.98	0.0075	0.0042	0.77
LF-12	02/07/2001	(0.0031)	<0.0050	0.20	1.1	(0.010)	(0.0024)	0.45
UPSTREAM	02/08/2001	0.0011	(0.0019)	[0.86]	2.4	0.036	(0.0014)	2.0

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS-FILTERED
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Silicon (ug/l)	Silicon dioxide (ug/l)	Sodium (mg/l)	Strontium (mg/l)	Thallium (mg/l)	Zinc (mg/l)
NCAC-2L							2.1
DOWNSTREAM2	02/08/2001	4580	9690	12.8	0.10	(0.00042)	0.011
LF-01	06/29/2000	---	18200	28.7	0.235	<0.000500	0.0342
LF-01	08/23/2000	9580	20500	37.5	0.20	<0.00050	0.18
LF-01	11/07/2000	8500	18200	18.3	0.22	<0.00050	0.065
LF-01	02/07/2001	7800	16500	23.0	0.25	<0.0025	0.39
LF-01A	06/29/2000	---	33100	9.34	0.0698	<0.000500	0.0429
LF-01A	08/23/2000	16100	34400	8.4	0.078	<0.00050	0.049
LF-01A	11/07/2000	14400	30900	7.1	0.077	(0.000065)	0.020
LF-01A	02/07/2001	15400	32600	7.8	0.083	<0.0025	(0.036)
LF-06	02/06/2001	6790	14400	14.1	0.056	<0.00050	0.10
LF-06A	02/06/2001	14900	31600	10.5	0.40	0.00082	0.095
LF-08	06/28/2000	---	36100	8.53	0.0342	0.000925	0.0179
LF-08	08/22/2000	16500	35400	9.6	0.037	<0.00050	0.10
LF-08	11/09/2000	16900	35800	15.7	0.039	(0.000061)	0.098
LF-08	02/06/2001	17700	37500	9.5	0.035	<0.00050	0.072
LF-09	06/28/2000	---	52600	9.71	0.0523	<0.000500	0.0408
LF-09	08/22/2000	25300	54100	9.9	0.063	<0.00050	0.039
LF-09	02/07/2001	28400	60200	12.3	0.068	<0.0025	0.38
LF-10	06/29/2000	---	24800	15.6	0.0305	<0.000500	0.251

()=Less than Reporting Limit ---=Not analyzed

Date: 04/04/2001

GROUP 2b
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
TRACE METALS-FILTERED
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Silicon (ug/l)	Silicon dioxide (ug/l)	Sodium (mg/l)	Strontium (mg/l)	Thallium (mg/l)	Zinc (mg/l)
NCAC-2L							2.1
LF-10	08/22/2000	13600	29100	16.9	0.018	(0.00019)	0.12
LF-10	11/08/2000	13500	28600	10.2	0.021	<0.00050	0.056
LF-10	02/06/2001	15800	33600	11.2	0.030	<0.00050	0.52
LF-11	06/29/2000	---	25200	18.1	0.0441	<0.000500	0.0134
LF-11	08/23/2000	14300	30500	16.1	0.034	<0.00050	0.074
LF-11	11/08/2000	14400	30500	18.1	0.027	<0.00050	0.26
LF-11	02/07/2001	12900	27400	9.4	(0.030)	<0.0025	0.13
LF-12	06/29/2000	---	32300	15.5	0.0404	<0.000500	0.013
LF-12	08/23/2000	16800	35900	17.8	0.035	<0.00050	0.23
LF-12	11/09/2000	16400	34700	17.8	0.034	(0.000039)	0.44
LF-12	02/07/2001	17300	36600	15.7	(0.041)	<0.0025	0.25
UPSTREAM	02/08/2001	5740	12200	7.0	0.11	(0.00045)	(0.0046)

()=Less than Reporting Limit ---=Not analyzed

GROUP 3
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
VOCs - EPA METHOD 8260
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Acetone (ug/l)	Bromoform (ug/l)	Chloroform (ug/l)	Ethylbenzene (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)
NCAC-2L		700	0.19	0.19	29	5.0	1000
DOWNSTREAM2	02/08/2001	(3.13)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-01	06/29/2000	<10.0	<2.00	<2.00	<2.00	<5.00	<2.00
LF-01	08/23/2000	(1.15)	<2.00	<2.00	<2.00	(1.21)	<2.00
LF-01	11/07/2000	(1.58)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-01	02/07/2001	(2.31)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-01A	06/29/2000	<10.0	<2.00	<2.00	<2.00	<5.00	<2.00
LF-01A	08/23/2000	(1.10)	<2.00	<2.00	<2.00	(1.11)	<2.00
LF-01A	11/07/2000	(1.88)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-01A	02/07/2001	(2.33)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-06	02/06/2001	(3.68)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-06A	02/06/2001	(3.80)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-08	06/28/2000	<10.0	<2.00	<2.00	<2.00	<5.00	<2.00
LF-08	08/22/2000	(1.00)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-08	11/09/2000	(1.03)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-08	02/06/2001	(2.54)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-09	06/28/2000	<10.0	<2.00	<2.00	(0.229)	<5.00	(0.565)
LF-09	08/22/2000	(2.66)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-09	11/08/2000	(3.35)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-09	02/07/2001	(4.99)	<2.00	<2.00	<2.00	<5.00	<2.00

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 3
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
VOCs - EPA METHOD 8260
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Acetone (ug/l)	Bromoform (ug/l)	Chloroform (ug/l)	Ethylbenzene (ug/l)	Methylene Chloride (ug/l)	Toluene (ug/l)
NCAC-2L		700	0.19	0.19	29	5.0	1000
LF-10	06/29/2000	<10.0	[2.28]	<2.00	<2.00	<5.00	2.26
LF-10	08/22/2000	(0.930)	<2.00	<2.00	<2.00	<5.00	4.31
LF-10	11/08/2000	(3.50)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-10	02/06/2001	(2.45)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-11	06/29/2000	<10.0	<2.00	[3.40]	<2.00	<5.00	<2.00
LF-11	08/23/2000	(1.46)	<2.00	(1.89)	<2.00	(1.39)	<2.00
LF-11	11/08/2000	(3.24)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-11	02/07/2001	(3.51)	<2.00	(0.540)	<2.00	<5.00	<2.00
LF-12	06/29/2000	<10.0	<2.00	(0.543)	<2.00	<5.00	(1.06)
LF-12	08/23/2000	(1.24)	<2.00	(0.740)	<2.00	(1.41)	<2.00
LF-12	11/09/2000	(3.35)	<2.00	<2.00	<2.00	<5.00	<2.00
LF-12	02/07/2001	(3.46)	<2.00	<2.00	<2.00	<5.00	<2.00
UPSTREAM	02/08/2001	(2.97)	<2.00	<2.00	<2.00	<5.00	<2.00

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Cyanide (ug/l)	Fluoride (mg/l)	Bromide (mg/l)	Gross alpha (pci/l)	Gross Beta (pci/l)	Radon 222 (pci/l)	Radium 226 (pci/l)
NCAC-2L		154	2.0		15			5
DOWNSTREAM2	02/08/2001	<5.00	0.104	<0.050	<1.50	<2.00	<200	<1.00
LF-01	06/29/2000	<2.76	<0.100	<0.016	<1.50	<2.00	<200	<1.00
LF-01	08/16/2000	---	<0.10	---	---	---	---	---
LF-01	08/23/2000	17.2	<0.050	0.189	<1.50	2.34	(156)	(0.946)
LF-01	11/07/2000	5.21	0.133	<0.050	(0.970)	3.51	(172)	[17.2]
LF-01	02/07/2001	<5.00	0.052	<0.050	4.33	7.69	(126)	4.13
LF-01A	06/29/2000	<2.76	<0.100	<0.016	<1.50	<2.00	<200	<1.00
LF-01A	08/16/2000	---	<0.10	---	---	---	---	---
LF-01A	08/23/2000	<5.00	<0.050	<0.050	<1.50	4.20	212	(0.852)
LF-01A	11/07/2000	<5.00	0.061	<0.050	<1.50	2.63	215	3.11
LF-01A	02/07/2001	<5.00	0.067	<0.050	<1.50	<2.00	205	1.46
LF-06	08/16/2000	---	<0.10	---	---	---	---	---
LF-06	02/06/2001	<5.00	<0.050	<0.050	<1.50	<2.00	467	(0.477)
LF-06A	08/16/2000	---	<0.10	---	---	---	---	---
LF-06A	02/06/2001	(2.91)	0.120	<0.050	<1.50	<2.00	<200	<1.00
LF-08	06/28/2000	<2.76	<0.100	<0.000016	<1.50	<2.00	<200	<1.00
LF-08	08/16/2000	---	<0.10	---	---	---	---	---
LF-08	08/22/2000	114	<0.050	<0.050	(0.958)	2.67	(113)	<1.00
LF-08	11/09/2000	<5.00	0.112	<0.050	<1.50	<2.00	(163)	<1.00

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Cyanide (ug/l)	Fluoride (mg/l)	Bromide (mg/l)	Gross alpha (pci/l)	Gross Beta (pci/l)	Radon 222 (pci/l)	Radium 226 (pci/l)
NCAC-2L		154	2.0		15			5
LF-08	02/06/2001	<5.00	0.061	<0.050	<1.50	3.70	(115)	1.38
LF-09	06/28/2000	<2.76	<0.100	<0.016	<1.50	<2.00	<200	<1.00
LF-09	08/22/2000	87.8	<0.050	<0.050	<1.50	3.51	(192)	(0.770)
LF-09	11/08/2000	<5.00	0.073	<0.050	2.84	4.05	(71.7)	1.93
LF-09	02/07/2001	<5.00	0.052	<0.050	2.76	5.26	<200	1.25
LF-10	06/29/2000	<2.76	<0.100	<0.016	<1.50	<2.00	<200	<1.00
LF-10	08/22/2000	[228]	<0.050	<0.050	<1.50	(1.57)	201	<1.00
LF-10	11/08/2000	(4.10)	<0.050	<0.050	1.89	<2.00	(125)	(0.620)
LF-10	02/06/2001	<5.00	0.119	<0.050	<1.50	<2.00	(74.6)	(0.513)
LF-11	06/29/2000	<2.76	<0.100	<0.016	<1.50	<2.00	<200	<1.00
LF-11	08/23/2000	<5.00	<0.050	<0.050	<1.50	(1.59)	(126)	<1.00
LF-11	11/08/2000	<5.00	0.059	<0.050	<1.50	<2.00	(142)	<1.00
LF-11	02/07/2001	<5.00	0.056	<0.050	1.89	<2.00	(184)	(0.645)
LF-12	06/29/2000	<2.76	<0.100	<0.000016	<1.50	<2.00	<200	<1.00
LF-12	08/23/2000	<5.00	<0.050	<0.050	<1.50	<2.00	410	<1.00
LF-12	11/09/2000	<5.00	<0.050	<0.050	<1.50	<2.00	780	[8.44]
LF-12	02/07/2001	<5.00	0.052	<0.050	<1.50	5.24	(166)	1.15
UPSTREAM	08/16/2000	---	<0.10	---	---	---	---	---
UPSTREAM	02/08/2001	<5.00	0.100	<0.020	<1.50	<2.00	<200	<1.00

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS - SVOCs - EPA METHOD 8270
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Bis(2-ethyl hexyl)phthalate (BEHP) (ug/l)	PCP (ug/l)
NCAC-2L		3	0.3
DOWNSTREAM2	02/08/2001	<0.96	<9.6
LF-01	06/29/2000	(0.788)	<10.0
LF-01	08/23/2000	<0.971	<9.71
LF-01	11/07/2000	<1.00	<10.0
LF-01	02/07/2001	<0.97	<9.7
LF-01A	06/29/2000	<1.00	<10.0
LF-01A	08/23/2000	2.72	<9.71
LF-01A	11/07/2000	<1.00	<10.0
LF-01A	02/07/2001	1.22	<9.7
LF-06	02/06/2001	<0.97	<9.7
LF-06A	02/06/2001	<0.96	<9.6
LF-08	06/28/2000	<1.00	<10.0
LF-08	08/22/2000	2.65	<9.71
LF-08	11/09/2000	[10.9]	<10.0
LF-08	02/06/2001	<0.97	<9.7
LF-09	06/28/2000	[112]	<10.0
LF-09	08/22/2000	<0.990	<9.90
LF-09	11/08/2000	2.94	<10.0
LF-09	02/07/2001	(0.769)	<9.7
LF-10	06/29/2000	(0.812)	<10.0
LF-10	08/22/2000	<0.971	<9.71
LF-10	11/08/2000	<1.00	<10.0
LF-10	02/06/2001	<0.97	<9.7
LF-11	06/29/2000	<1.00	<10.0
LF-11	08/23/2000	<0.971	<9.71
LF-11	11/08/2000	<1.00	<10.0
LF-11	02/07/2001	<0.97	<9.7
LF-12	06/29/2000	<1.00	<10.0
LF-12	08/23/2000	[3.44]	<9.71
LF-12	11/09/2000	<1.00	<10.0
LF-12	02/07/2001	(0.642)	<9.7
UPSTREAM	02/08/2001	<0.96	(7.88)

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS - DIOXINS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	1,2,3,4,6,7,8-Heptachloro dibenzofuran (ng/l)	1,2,3,4,6,7,8-HpCDD (ng/l)	1,2,3,4,7,8,9-Heptachloro dibenzofuran (ng/l)	1,2,3,4,7,8-Hexachloro dibenzofuran (ng/l)	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (ng/l)	1,2,3,6,7,8-Hexachloro dibenzofuran (ng/l)	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (ng/l)
NCAC-2L			0.00022					
DOWNSTREAM2	02/08/2001	0.0018	[0.0082]	<0.00156	<0.000932	<0.00181	<0.000917	<0.00183
LF-01	06/29/2000	<0.00269	<0.00623	<0.00393	<0.00204	<0.00374	<0.00207	<0.00385
LF-01	08/23/2000	<0.00334	<0.00477	<0.00532	<0.00178	<0.0036	<0.00166	<0.00365
LF-01	11/07/2000	0.04	[0.0307]	0.0202	0.00947	0.0040	0.011	0.00597
LF-01	02/07/2001	<0.00166	<0.00393	<0.00247	<0.00114	<0.00241	<0.00105	<0.00233
LF-01A	06/29/2000	<0.00328	<0.00546	<0.00503	<0.00294	<0.00657	<0.00314	<0.00683
LF-01A	08/23/2000	<0.00413	<0.00399	<0.00424	<0.00245	<0.00478	<0.00249	<0.00462
LF-01A	11/07/2000	<0.00108	<0.00143	<0.00145	<0.00107	<0.00243	<0.0011	<0.00285
LF-01A	02/07/2001	0.00557	[0.0038]	0.00277	0.00198	<0.00181	0.00215	<0.00176
LF-06	02/06/2001	0.00133	<0.00278	<0.00209	0.00175	<0.00253	0.00141	<0.00236
LF-06A	02/06/2001	<0.00194	<0.00532	<0.00267	<0.00257	<0.00419	<0.00243	<0.00435
LF-08	06/28/2000	<0.00386	<0.0085	<0.00599	<0.00267	<0.00515	<0.00248	<0.00535
LF-08	08/22/2000	<0.00278	<0.00299	<0.0035	<0.00256	<0.00449	<0.00244	<0.00423
LF-08	11/09/2000	<0.0013	<0.00241	<0.00182	<0.00129	<0.00209	<0.00133	<0.00245
LF-08	02/06/2001	<0.00174	<0.00296	<0.00246	<0.00166	<0.00239	<0.00152	<0.00233
LF-09	06/28/2000	<0.00266	<0.00445	<0.00395	<0.00234	<0.00417	<0.00219	<0.00445
LF-09	08/22/2000	<0.00331	<0.00292	<0.00416	<0.00319	<0.00547	<0.00317	<0.00529
LF-09	11/09/2000	<0.00348	<0.00531	<0.00468	<0.00153	<0.00251	<0.00158	<0.00295
LF-09	02/07/2001	<0.00155	<0.00386	<0.00289	<0.00228	<0.00461	<0.00207	<0.00428

[]=Greater than Action Level ---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS - DIOXINS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	1,2,3,4,6,7,8-Heptachloro dibenzofuran (ng/l)	1,2,3,4,6,7,8-HpCDD (ng/l)	1,2,3,4,7,8,9-Heptachloro dibenzofuran (ng/l)	1,2,3,4,7,8-Hexachloro dibenzofuran (ng/l)	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (ng/l)	1,2,3,6,7,8-Hexachloro dibenzofuran (ng/l)	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (ng/l)
NCAC-2L			0.00022					
LF-10	06/29/2000	<0.00403	[0.0382]	<0.00646	<0.0031	<0.00673	<0.00276	<0.00673
LF-10	08/22/2000	<0.00409	[0.0314]	<0.00527	<0.00312	<0.00896	<0.00311	<0.0087
LF-10	11/08/2000	<0.00116	[0.0449]	<0.00147	<0.00135	<0.00314	<0.00139	<0.00368
LF-10	02/06/2001	<0.00139	[0.0451]	<0.00212	<0.001	<0.00175	<0.000996	<0.00173
LF-11	06/29/2000	<0.00247	<0.00492	<0.00379	<0.0019	<0.00421	<0.00198	<0.00424
LF-11	08/23/2000	<0.00242	[0.0042]	<0.00295	<0.002	<0.00407	<0.0019	<0.00428
LF-11	11/08/2000	<0.00144	[0.0074]	<0.00183	<0.00118	<0.0017	<0.00121	<0.00199
LF-11	02/07/2001	<0.00154	[0.0194]	<0.00219	0.00194	<0.00169	0.00187	<0.00176
LF-12	06/29/2000	<0.00181	<0.00319	<0.00262	<0.00167	<0.00343	<0.00164	<0.00336
LF-12	08/23/2000	<0.00262	<0.00397	<0.00382	<0.00223	<0.00465	<0.0021	<0.00451
LF-12	11/09/2000	0.00252	[0.0032]	<0.00224	<0.0013	<0.00177	<0.00134	<0.00207
LF-12	02/07/2001	<0.0013	[0.0034]	<0.00177	<0.00116	<0.00186	<0.00112	<0.00196
UPSTREAM	02/08/2001	<0.0011	<0.00223	<0.00158	<0.000897	<0.00167	<0.000901	<0.00174

[]=Greater than Action Level ---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS - DIOXINS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	1,2,3,7,8,9-Hexachloro dibenzofuran (ng/l)	1,2,3,7,8,9-Hexachlorodi benzo-p-dioxin (ng/l)	1,2,3,7,8-Pentachloro dibenzofuran (ng/l)	1,2,3,7,8-Penta chlorodibenzo-p -dioxin (ng/l)	2,3,4,6,7,8-Hexachloro dibenzofuran (ng/l)	2,3,4,7,8-Pentachloro dibenzofuran (ng/l)	Heptachloro dibenzofuran (ng/l)
NCAC-2L								
DOWNSTREAM2	02/08/2001	<0.00128	<0.00167	<0.000649	<0.000868	<0.00108	<0.000672	1
LF-01	06/29/2000	<0.00256	<0.00348	<0.00159	<0.00266	<0.00225	<0.00143	<0.00325
LF-01	08/23/2000	<0.00254	<0.00333	<0.00146	<0.0021	<0.00202	<0.00119	<0.00418
LF-01	11/07/2000	0.00475	0.0044	<0.00293	0.00336	0.00943	0.00169	0.0788
LF-01	02/07/2001	<0.00144	<0.00217	<0.000916	<0.0014	<0.00131	0.00112	<0.00203
LF-01A	06/29/2000	<0.00434	<0.00615	<0.00194	<0.00302	<0.0036	<0.00171	<0.00405
LF-01A	08/23/2000	<0.00245	<0.0043	<0.00179	<0.002	<0.00204	<0.0013	<0.00419
LF-01A	11/07/2000	<0.00144	<0.00243	<0.000715	<0.00101	<0.0013	<0.000669	<0.00125
LF-01A	02/07/2001	<0.00162	<0.00164	<0.00119	<0.00157	<0.00156	<0.00111	0.00834
LF-06	02/06/2001	0.0018	<0.00224	0.00153	0.0018	0.00206	0.00175	0.00133
LF-06A	02/06/2001	<0.00293	<0.00392	<0.00154	<0.00264	<0.00289	<0.00133	<0.00228
LF-08	06/28/2000	<0.00352	<0.00482	<0.00148	<0.00287	<0.00285	<0.00132	<0.00478
LF-08	08/22/2000	<0.00317	<0.00399	<0.00124	<0.00156	<0.00254	<0.00106	<0.00313
LF-08	11/09/2000	<0.00166	<0.00209	<0.00094	<0.00104	<0.00147	<0.000795	<0.00154
LF-08	02/06/2001	<0.00204	<0.00216	<0.00144	<0.00168	<0.00168	<0.00119	<0.00207
LF-09	06/28/2000	<0.00317	<0.00397	<0.00149	<0.00208	<0.00264	<0.00118	<0.00323
LF-09	08/22/2000	<0.00372	<0.00493	<0.00152	<0.00211	<0.00304	<0.00117	<0.00372
LF-09	11/09/2000	<0.00215	<0.00252	<0.0017	<0.00199	<0.00187	<0.00162	<0.00403
LF-09	02/07/2001	<0.00292	<0.00406	<0.00154	<0.00262	<0.00241	<0.00169	<0.00206

---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS - DIOXINS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	1,2,3,7,8,9-Hexachloro dibenzofuran (ng/l)	1,2,3,7,8,9-Hexachlorodi benzo-p-dioxin (ng/l)	1,2,3,7,8-Pentachloro dibenzofuran (ng/l)	1,2,3,7,8-Penta chlorodibenzo-p -dioxin (ng/l)	2,3,4,6,7,8-Hexachloro dibenzofuran (ng/l)	2,3,4,7,8-Pentachloro dibenzofuran (ng/l)	Heptachloro dibenzofuran (ng/l)
NCAC-2L								
LF-10	06/29/2000	<0.00452	<0.00618	<0.00185	<0.00325	<0.00393	<0.00183	<0.00506
LF-10	08/22/2000	<0.00375	<0.00808	<0.0019	<0.00225	<0.00298	<0.00144	<0.00466
LF-10	11/08/2000	<0.00176	<0.00314	<0.000854	<0.00124	<0.00164	<0.000835	<0.00131
LF-10	02/06/2001	<0.00138	<0.0016	<0.000704	<0.00116	<0.00109	<0.000712	<0.00172
LF-11	06/29/2000	<0.00268	<0.00388	<0.00169	<0.00215	<0.00219	<0.0014	<0.00306
LF-11	08/23/2000	<0.00233	<0.00385	<0.00132	<0.00145	<0.00212	<0.00129	<0.00266
LF-11	11/08/2000	<0.00155	<0.0017	<0.00123	<0.00169	<0.00148	<0.00108	<0.00162
LF-11	02/07/2001	0.0019	<0.00159	0.00133	0.0018	0.00152	0.00133	<0.00184
LF-12	06/29/2000	<0.00203	<0.00314	<0.00174	<0.00164	<0.00177	<0.00147	<0.00217
LF-12	08/23/2000	<0.00297	<0.00419	<0.00121	<0.00144	<0.00238	<0.000986	<0.00315
LF-12	11/09/2000	<0.00172	<0.00177	<0.00105	<0.00135	<0.00166	<0.000969	<0.0019
LF-12	02/07/2001	<0.00147	<0.00176	<0.00091	<0.00158	<0.00127	<0.00102	<0.00152
UPSTREAM	02/08/2001	<0.00122	<0.00156	<0.00101	<0.00146	<0.00104	<0.000899	<0.00132

---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS - DIOXINS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Heptachloro dibenzo-p-dioxins (ng/l)	Hexachloro dibenzofuran (ng/l)	Hexachloro dibenzo-p-dioxin (ng/l)	Octachloro dibenzofuran (ng/l)	Octachloro dibenzo-p-dioxin (ng/l)	Pentachloro dibenzofuran (ng/l)	Pentachlorodi benzo-p-dioxin (ng/l)
NCAC-2L		0.00022		0.00022		0.00022		
DOWNSTREAM2	02/08/2001	[0.0234]	<0.00105	<0.00462	0.0051	[0.0632]	<0.00066	<0.004
LF-01	06/29/2000	<0.00623	<0.00224	<0.00367	<0.00878	(0.0167)	<0.00151	<0.00266
LF-01	08/23/2000	<0.00477	<0.00198	<0.0035	<0.00658	(0.0219)	<0.00132	<0.0021
LF-01	11/07/2000	[0.0595]	0.0516	[0.0134]	0.0674	[0.0748]	0.00639	0.00336
LF-01	02/07/2001	<0.00393	<0.00123	<0.00419	<0.00448	[0.0104]	<0.000894	<0.00397
LF-01A	06/29/2000	<0.00546	<0.00348	<0.00648	<0.0134	<0.0178	<0.00182	<0.00302
LF-01A	08/23/2000	<0.00399	<0.00235	<0.00453	<0.0169	<0.0477	<0.00152	<0.002
LF-01A	11/07/2000	<0.00143	<0.00123	<0.00256	<0.00338	(0.00463)	<0.000692	<0.00355
LF-01A	02/07/2001	[0.0081]	0.00609	<0.00478	0.00976	[0.0125]	<0.00115	<0.00391
LF-06	02/06/2001	<0.00278	0.00206	<0.00236	<0.00325	(0.00567)	0.00327	<0.00389
LF-06A	02/06/2001	<0.00532	<0.00271	<0.00413	<0.0125	(0.0133)	<0.00143	<0.00264
LF-08	06/28/2000	<0.0085	<0.00287	<0.00508	<0.0105	(0.0079)	<0.0014	<0.00287
LF-08	08/22/2000	<0.00299	<0.00268	<0.0042	<0.013	<0.0566	<0.00114	<0.00375
LF-08	11/09/2000	<0.00241	<0.00144	<0.0022	<0.00679	<0.0119	<0.000863	<0.00347
LF-08	02/06/2001	<0.00296	<0.00173	<0.00227	<0.00465	[0.013]	<0.00131	<0.00348
LF-09	06/28/2000	<0.00445	<0.00257	<0.00418	<0.00921	(0.0113)	<0.00132	<0.00208
LF-09	08/22/2000	<0.00292	<0.00328	<0.00519	<0.00663	[0.0166]	<0.00133	<0.00211
LF-09	11/09/2000	<0.00531	<0.00177	<0.00598	<0.00584	[0.0148]	<0.00166	<0.00601
LF-09	02/07/2001	<0.00386	<0.00242	<0.00427	<0.00413	[0.0094]	<0.00161	<0.00262

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed

GROUP 4
HISTORICAL GROUND WATER ANALYTICAL DATA SUMMARY
ASSESSMENT MONITORING PARAMETERS - DIOXINS
WEYERHAEUSER COMPANY
PLYMOUTH, NORTH CAROLINA
DELTA PROJECT NO. E096-007

PERIOD: From 06/28/2000 thru 02/08/2001 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Heptachloro dibenzo-p-dioxins (ng/l)	Hexachloro dibenzofuran (ng/l)	Hexachloro dibenzo-p-dioxin (ng/l)	Octachloro dibenzofuran (ng/l)	Octachloro dibenzo-p-dioxin (ng/l)	Pentachloro dibenzofuran (ng/l)	Pentachlorodi benzo-p-dioxin (ng/l)
NCAC-2L		0.00022		0.00022		0.00022		
LF-10	06/29/2000	[0.0995]	<0.00352	<0.00651	<0.0182	[1.04]	<0.00184	<0.00325
LF-10	08/22/2000	[0.12]	<0.00324	[0.02]	<0.0102	[0.718]	<0.00165	<0.00323
LF-10	11/08/2000	[0.115]	<0.00153	[0.03]	<0.00395	[1.06]	<0.000844	<0.00397
LF-10	02/06/2001	[0.124]	<0.00112	[0.02]	(0.00284)	[1.05]	<0.000706	0.00224
LF-11	06/29/2000	<0.00492	<0.00218	<0.00409	<0.0105	[0.132]	<0.00153	<0.00215
LF-11	08/23/2000	<0.00323	<0.00208	<0.00406	<0.00936	[0.0938]	<0.00131	<0.00145
LF-11	11/08/2000	[0.0196]	<0.00135	<0.0049	<0.0056	[0.199]	<0.00115	<0.00169
LF-11	02/07/2001	[0.0548]	0.00723	[0.02]	<0.00699	[0.286]	0.00133	0.00267
LF-12	06/29/2000	[0.0051]	<0.00178	<0.0033	<0.00513	[0.209]	<0.0016	<0.00366
LF-12	08/23/2000	[0.00403]	<0.0024	<0.00442	<0.0059	[0.135]	<0.00109	<0.00382
LF-12	11/09/2000	[0.00634]	<0.0015	<0.00374	<0.00488	[0.0453]	<0.00101	<0.00366
LF-12	02/07/2001	[0.0109]	<0.00125	0	<0.00564	[0.152]	<0.000958	<0.00382
UPSTREAM	02/08/2001	[0.00289]	<0.00101	<0.00517	<0.00266	[0.0181]	<0.000952	<0.0041

()=Less than Reporting Limit []=Greater than Action Level ---=Not analyzed